LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
Data File : BN021786.D
Acq On : 16 Sep 2022 13:27
Operator : CG/JU
Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5757

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Title : SVOA CALIBRATION

Signal : TIC: BN021786.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.640	394	400	407	rBV	168840	296769	4.19%	0.221%
2	6.016	457	464	470	rBV	334275	522247	7.38%	0.389%
3	6.505	540	547	554	rBV5	124553	292825	4.14%	0.218%
4	7.199	655	665	671	rBV	619663	1242705	17.56%	0.925%
5	7.369	687	694	699	rBV	567303	887416	12.54%	0.660%
6	7.569	723	728	737	rVB	625184	1020348	14.42%	0.759%
7	7.687	745	748	756	rVB	240741	349346	4.94%	0.260%
8	8.046	805	809	818	rVB	854062	1354528	19.14%	1.008%
9	8.599	889	903	913	rVB6	107965	304843	4.31%	0.227%
10	8.763	925	931	937	rVV	679426	1102516	15.58%	0.820%
11	8.881	943	951	957	rVV3	149141	312394	4.41%	0.232%
12	9.222	1002	1009	1014	rVV	613523	1058350	14.95%	0.787%
13	9.275	1014	1018	1023	rVB	258301	402097	5.68%	0.299%
14	9.951	1125	1133	1144	rVV	511144	969965	13.71%	0.722%
15	10.281	1182	1189	1201	rBV6	115761	336812	4.76%	0.251%
16	10.493	1220	1225	1233	rVB	775646	1326236	18.74%	0.987%
17	10.646	1245	1251	1261	rBV	552053	934462	13.20%	0.695%
18	10.840	1279	1284	1286	rBV	334677	527220	7.45%	0.392%
19	10.875	1286	1290	1295	rVV	1253265	2196531	31.04%	1.634%
20	10.928	1295	1299	1306	rVV	805307	1336730	18.89%	0.995%
21	11.022	1306	1315	1324	rVV	282200	554387	7.83%	0.412%
22	11.893	1458	1463	1473	rVV	468789	787269	11.12%	0.586%
23	12.287	1524	1530	1540	rBV	440421	671409	9.49%	0.500%
24	12.540	1558	1573	1580	rVB	1228893	2181880	30.83%	1.623%
25	12.757	1603	1610	1616	rVV	1160155	1831695	25.88%	1.363%
26	13.234	1685	1691	1698	rVB	328627	532519	7.52%	0.396%
27	13.522	1734	1740	1749	rBV2	615030	1259434	17.80%	0.937%
28	13.869	1793	1799	1800	rBV	362806	536008	7.57%	0.399%
29	14.028	1820	1826	1831	rBV	904160	1547786	21.87%	1.152%
30	14.081	1831	1835	1837	rBV	732009	1014733	14.34%	0.755%
31	14.110	1837	1840	1846	rVB	1395400	1928823	27.25%	1.435%
32	14.175	1846	1851	1855	rVB	591285	784312	11.08%	0.584%
33	14.263	1861	1866	1869	rBV	529825	768405	10.86%	0.572%
34	14.292	1869	1871	1876	rVB	276684	356778	5.04%	0.265%
35	14.398	1883	1889	1893	rBV	1617573	2773350	39.19%	2.063%
36	14.586	1916	1921	1930	rVB	606338	808275	11.42%	0.601%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
Data File : BN021786.D
Acq On : 16 Sep 2022 13:27
Operator : CG/JU
Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5757

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Title : SVOA CALIBRATION

37	14.704	1930	1941	1947	rBV2	1929815	3433590	48.52%	2.555%
38	14.904	1970	1975	1983	rBV3	367476	791507	11.18%	0.589%
39	14.998	1983	1991	1997	rBV4	227576	571536	8.08%	0.425%
40	15.098	2003	2008	2015	rVB2	949423	1515190	21.41%	1.127%
41	15.175	2015	2021	2024	rBV	312922	465334	6.58%	0.346%
42	15.316	2040	2045	2050	rBV2	349293	563476	7.96%	0.419%
43	15.369	2050	2054	2059	rVV	303102	415540	5.87%	0.309%
44	15.486	2067	2074	2078	rBV2	577383	1058133	14.95%	0.787%
45	15.533	2078	2082	2087	rVB2	684533	1040472	14.70%	0.774%
46	15.698	2105	2110	2114	rVV	1927924	2809673	39.70%	2.090%
47	15.739	2114	2117	2122	rVV	650690	855199	12.08%	0.636%
48	15.810	2125	2129	2134	rVB2	465813	681081	9.62%	0.507%
49	15.945	2147	2152	2161	rVB4	412665	898805	12.70%	0.669%
50	16.045	2161	2169	2174	rBV	646375	1089640	15.40%	0.811%
51	16.192	2190	2194	2202	rVV	611599	1223575	17.29%	0.910%
52	16.281	2202	2209	2216	rVB2	248888	560302	7.92%	0.417%
53	16.422	2225	2233	2239	rBV	1863724	3738568	52.83%	2.781%
54	16.786	2293	2295	2303	rVB4	183520	303233	4.28%	0.226%
55	16.986	2323	2329	2333	rBV2	492220	1044120	14.75%	0.777%
56	17.110	2345	2350	2356	rBV2	630460	969874	13.70%	0.722%
57	17.192	2358	2364	2369	rBV2	973916	1488313	21.03%	1.107%
58	17.245	2369	2373	2376	rBV2	219583	338253	4.78%	0.252%
59	17.457	2403	2409	2413	rBV	2030349	3184554	45.00%	2.369%
60	17.498	2413	2416	2421	rVV	2343900	3225936	45.58%	2.400%
61	17.557	2421	2426	2429	rVV	1946064	2925988	41.34%	2.177%
62	17.586	2429	2431	2436	rVV	725818	947300	13.39%	0.705%
63	17.769	2458	2462	2467	rVB4	276039	451006	6.37%	0.336%
64	17.863	2474	2478	2481	rBV2	238936	354171	5.00%	0.264%
65	17.939	2487	2491	2495	rVB	983241	1143893	16.16%	0.851%
66	18.039	2505	2508	2516	rVB3	212790	325972	4.61%	0.243%
67	18.339	2554	2559	2562	rBV	790679	1225080	17.31%	0.911%
68	18.380	2562	2566	2572	rVB	1195530	1797275	25.40%	1.337%
69	18.463	2574	2580	2585	rBV	257468	548737	7.75%	0.408%
70	18.522	2585	2590	2595	rVV2	857821	1531208	21.64%	1.139%
71	18.569	2595	2598	2603	rVB	689896	914981	12.93%	0.681%
72	18.633	2604	2609	2614	rBV	998109	1410715	19.93%	1.050%
73	18.833	2639	2643	2647	rBV	474570	585981	8.28%	0.436%
74	18.874	2647	2650	2655	rVB3	442083	579492	8.19%	0.431%
75	19.080	2681	2685	2690	rBV4	259480	371095	5.24%	0.276%
76	19.263	2709	2716	2719	rBV2	1440087	2407092	34.01%	1.791%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
Data File : BN021786.D
Acq On : 16 Sep 2022 13:27
Operator : CG/JU
Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5757

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Title : SVOA CALIBRATION

77	19.345	2727	2730	2733	rVB	425001	491499	6.94%	0.366%
78	19.392	2734	2738	2746	rBV2	712718	1198806	16.94%	0.892%
79	19.516	2754	2759	2765	rVB	3666362	5270113	74.47%	3.921%
80	19.610	2772	2775	2780	rBV3	227860	318069	4.49%	0.237%
81	19.845	2811	2815	2818	rBV3	2519953	3920734	55.40%	2.917%
82	19.880	2818	2821	2828	rVV	3501584	4904469	69.30%	3.649%
83	19.951	2829	2833	2839	rVB2	530605	853920	12.07%	0.635%
84	20.192	2870	2874	2886	rBV4	436179	1437678	20.31%	1.070%
85	20.333	2894	2898	2901	rBV3	342927	698593	9.87%	0.520%
86	20.374	2901	2905	2910	rVB3	1329834	1768457	24.99%	1.316%
87	20.527	2926	2931	2936	rVB2	423176	777826	10.99%	0.579%
88	20.674	2952	2956	2960	rBV	437953	753170	10.64%	0.560%
89	20.874	2986	2990	2995	rBV	787783	955820	13.51%	0.711%
90	21.121	3028	3032	3038	rBV	875292	1176047	16.62%	0.875%
91	21.333	3064	3068	3072	rBV2	1358208	1800166	25.44%	1.339%
92	21.421	3079	3083	3089	rVB2	544512	857271	12.11%	0.638%
93	21.645	3115	3121	3126	rBV2	1912574	4891747	69.12%	3.639%
94	21.686	3126	3128	3134	rVB	1631489	2041517	28.85%	1.519%
95	21.786	3142	3145	3148	rVB	562741	577650	8.16%	0.430%
96	23.392	3410	3418	3432	rVB3	1838076	7077108	100.00%	5.265%
97	23.939	3506	3511	3516	rBV	1005858	1977954	27.95%	1.472%
98	23.998	3517	3521	3525	rBV2	620794	1162922	16.43%	0.865%
99	24.162	3545	3549	3554	rVB	726064	1289687	18.22%	0.960%
100	28.774	4324	4333	4345	rVB4	878309	3310837	46.78%	2.463%

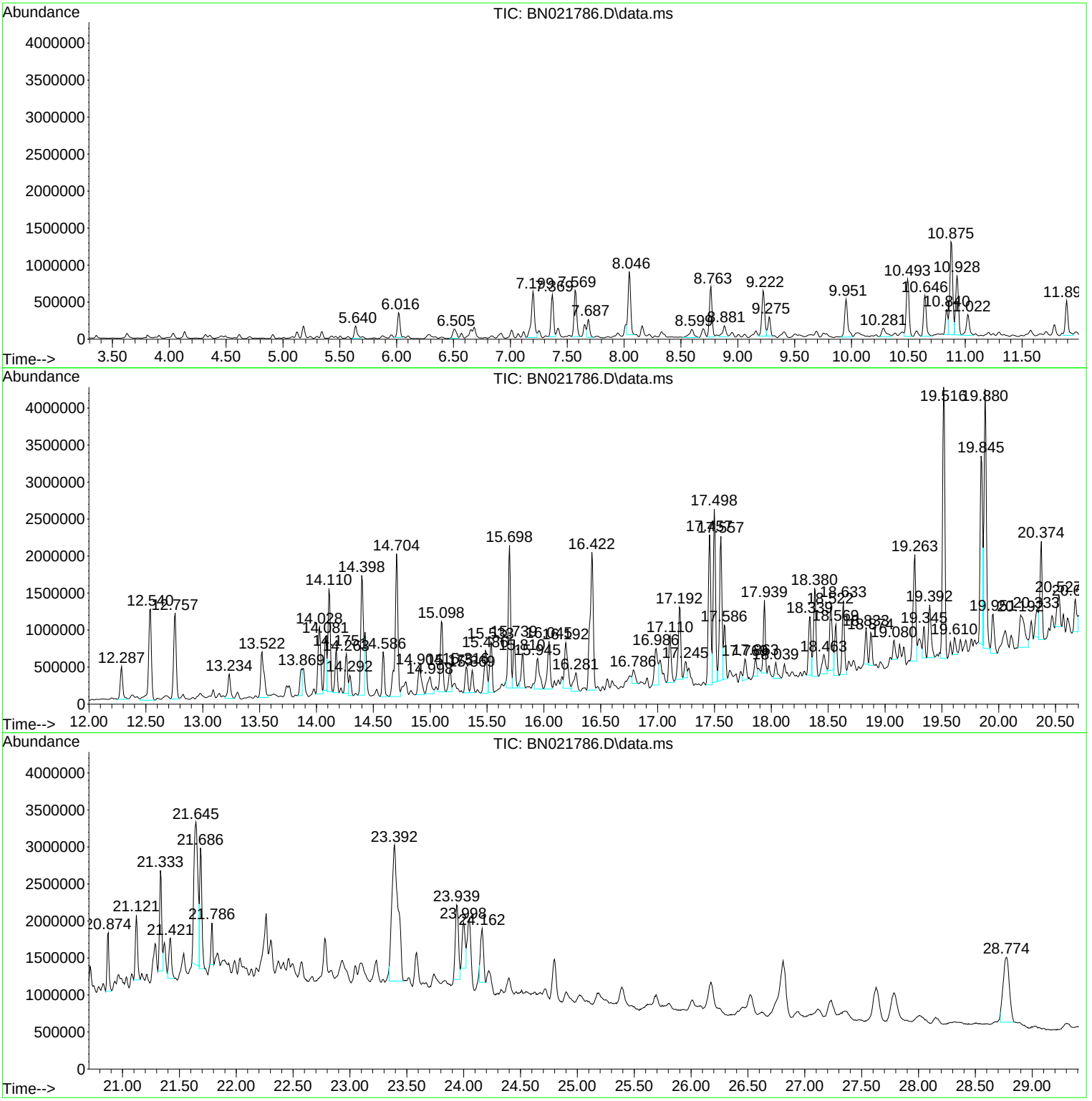
Sum of corrected areas: 134409353

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
Data File : BN021786.D
Acq On : 16 Sep 2022 13:27
Operator : CG/JU
Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5757

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
Data File : BN021786.D
Acq On : 16 Sep 2022 13:27
Operator : CG/JU
Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5757

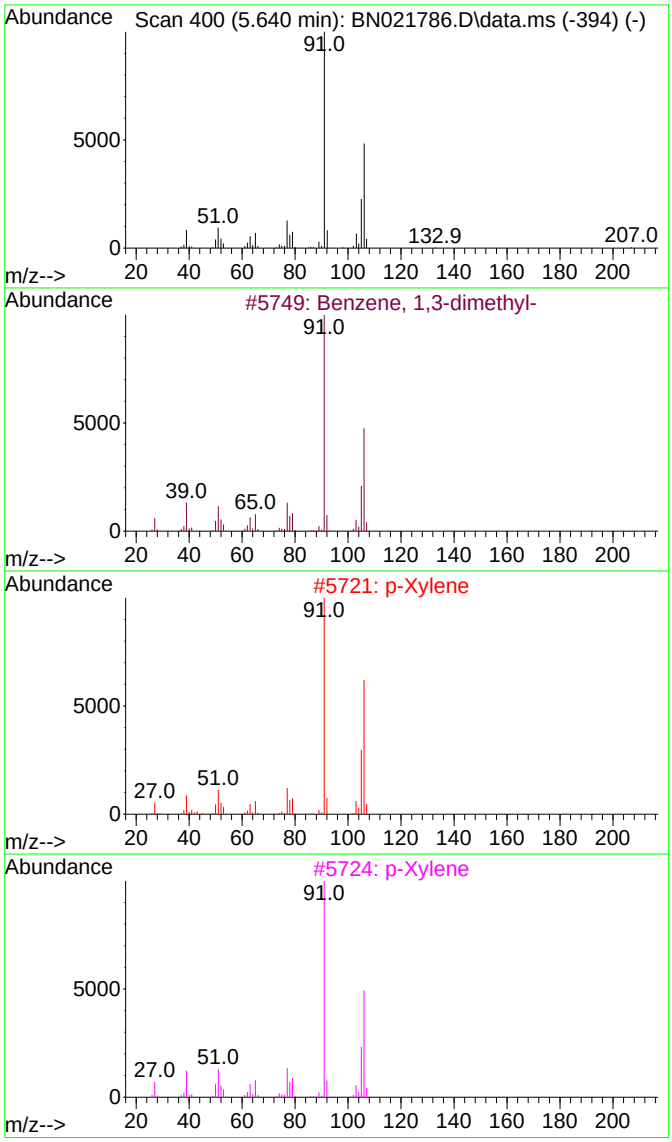
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

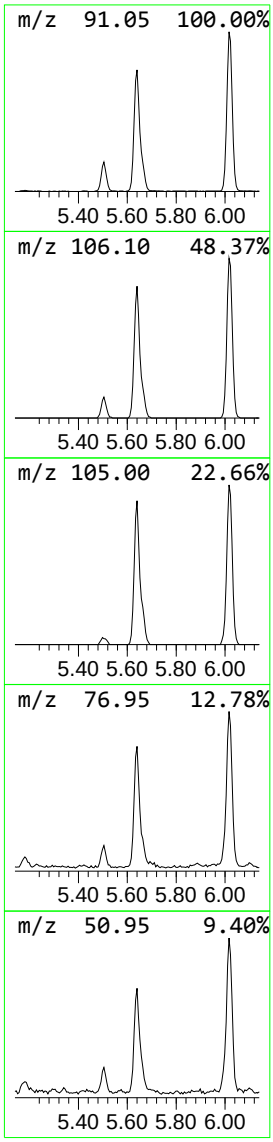
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.640	4.38 ng/ul	296769	1,4-Dichlorobenzene-d4	8.046

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
5	p-Xylene	106	C8H10	000106-42-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
Data File : BN021786.D
Acq On : 16 Sep 2022 13:27
Operator : CG/JU
Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5757

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

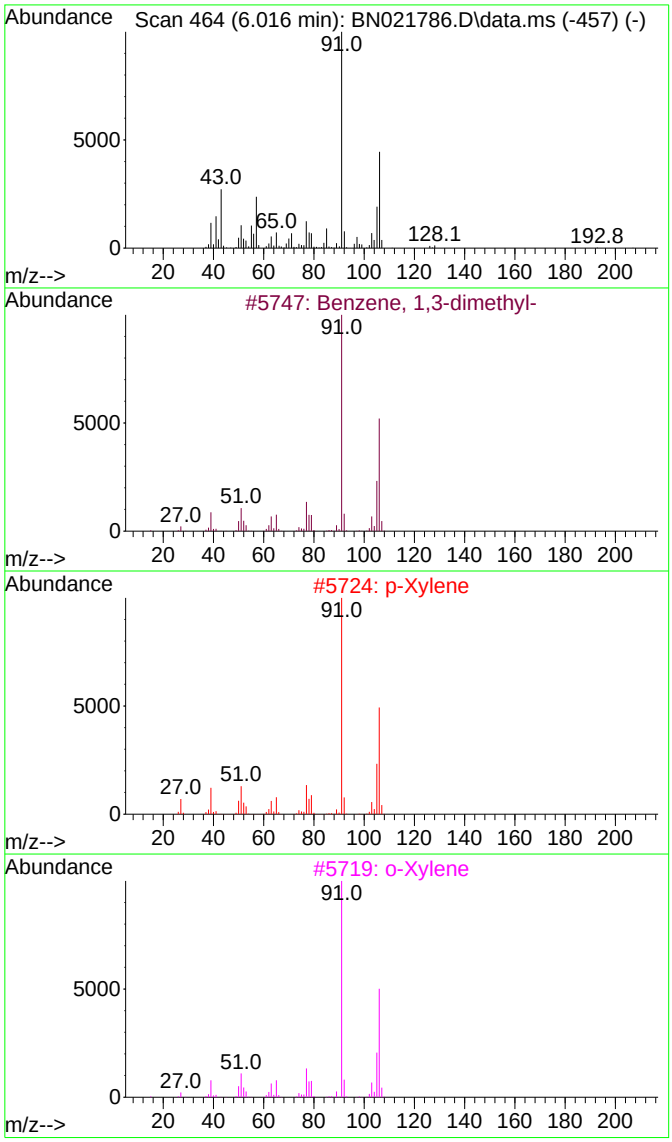
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

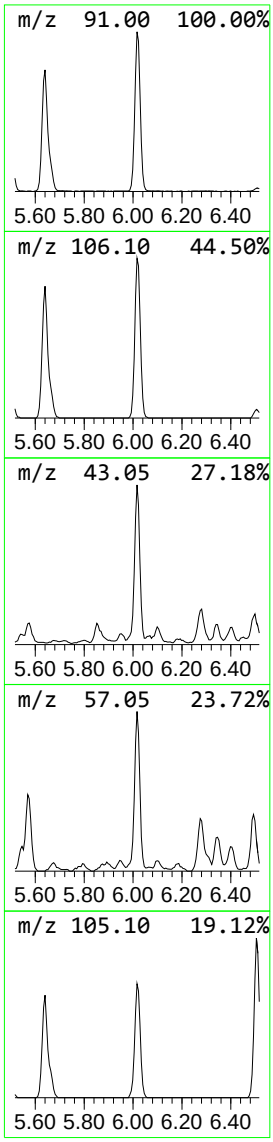
****

Peak Number 2 p-Xylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.016	7.71 ng/ul	522247	1,4-Dichlorobenzene-d4	8.046

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2	p-Xylene	106	C8H10	000106-42-3	95
3	o-Xylene	106	C8H10	000095-47-6	95
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
5	o-Xylene	106	C8H10	000095-47-6	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
Data File : BN021786.D
Acq On : 16 Sep 2022 13:27
Operator : CG/JU
Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5757

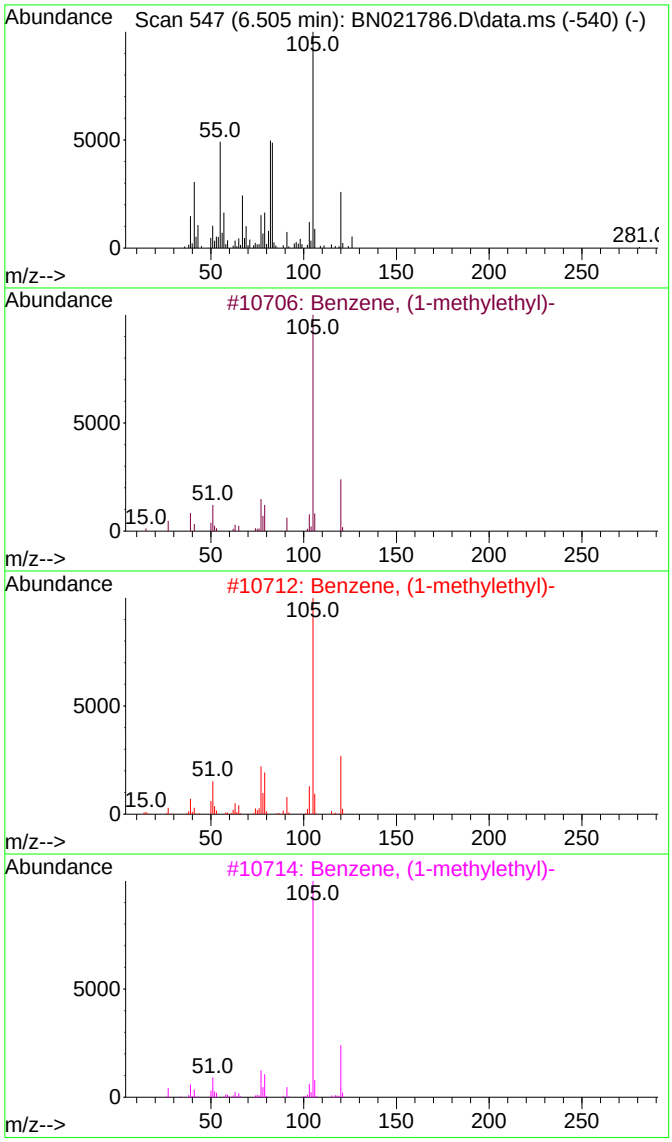
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

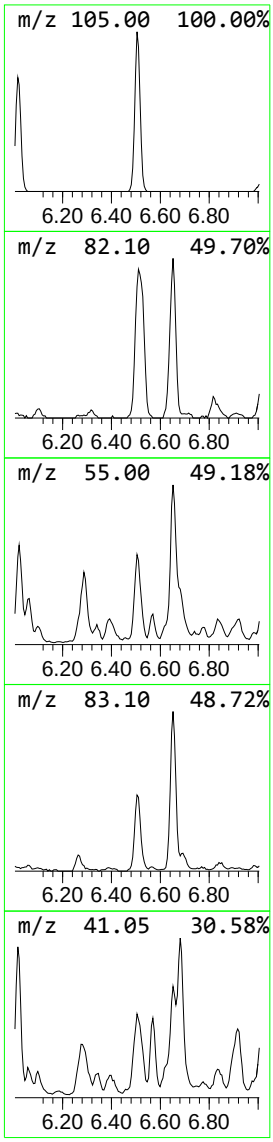
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.505	4.32 ng/ul	292825	1,4-Dichlorobenzene-d4	8.046

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	70
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	53
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	38
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	38
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
Data File : BN021786.D
Acq On : 16 Sep 2022 13:27
Operator : CG/JU
Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5757

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

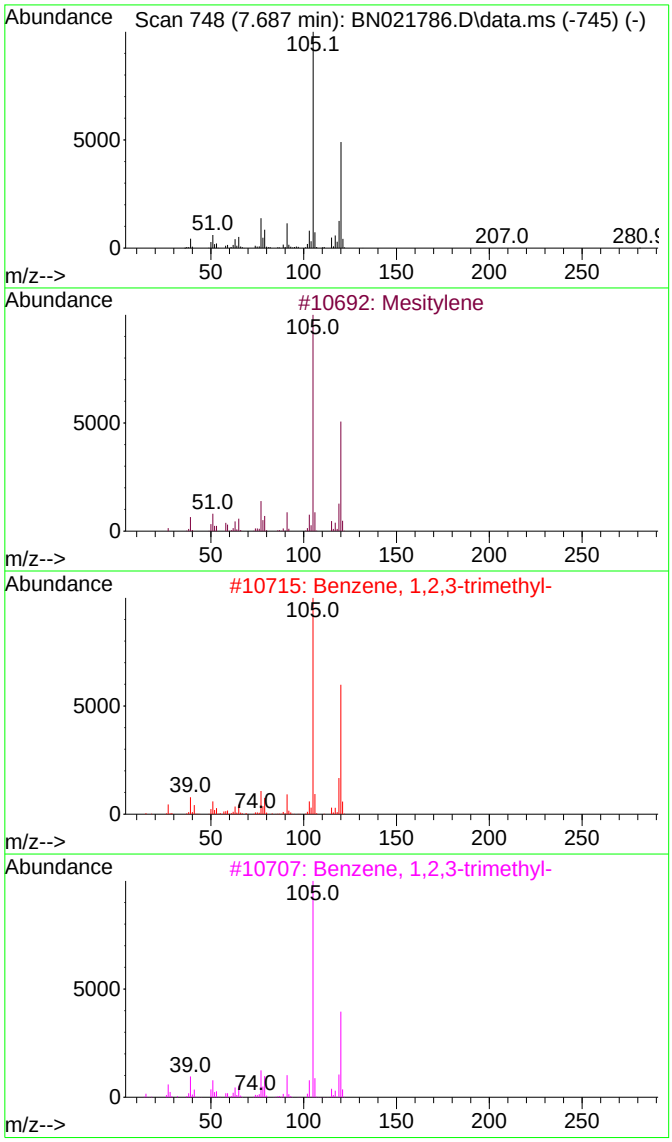
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

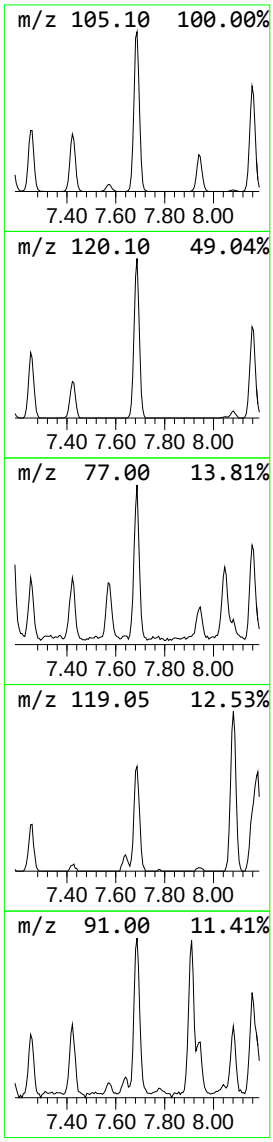
****

Peak Number 4 Mesitylene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.687	5.16 ng/ul	349346	1,4-Dichlorobenzene-d4	8.046

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
Data File : BN021786.D
Acq On : 16 Sep 2022 13:27
Operator : CG/JU
Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5757

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

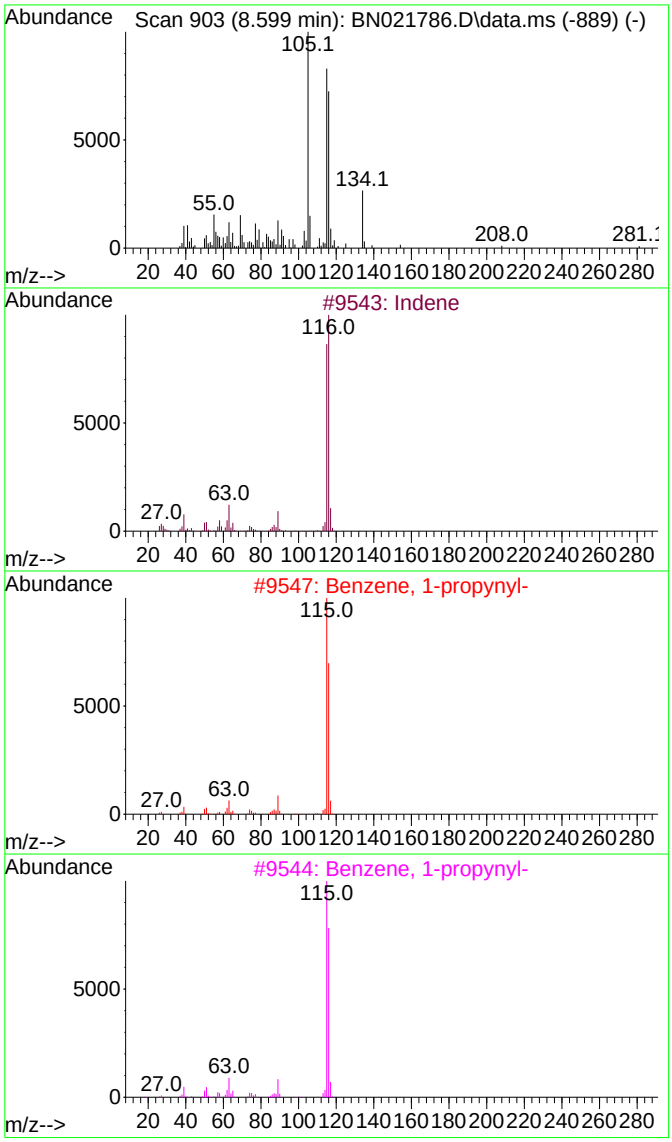
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

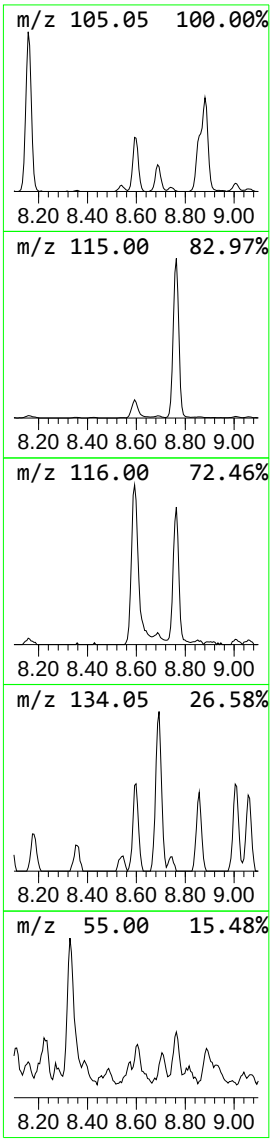
****

Peak Number 5 Indene Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.599	4.50 ng/ul	304843	1,4-Dichlorobenzene-d4	8.046

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	86
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	70
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	70
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	70
5	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	70





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Acq On : 16 Sep 2022 13:27
Operator : CG/JU
Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Title : SVOA CALIBRATION

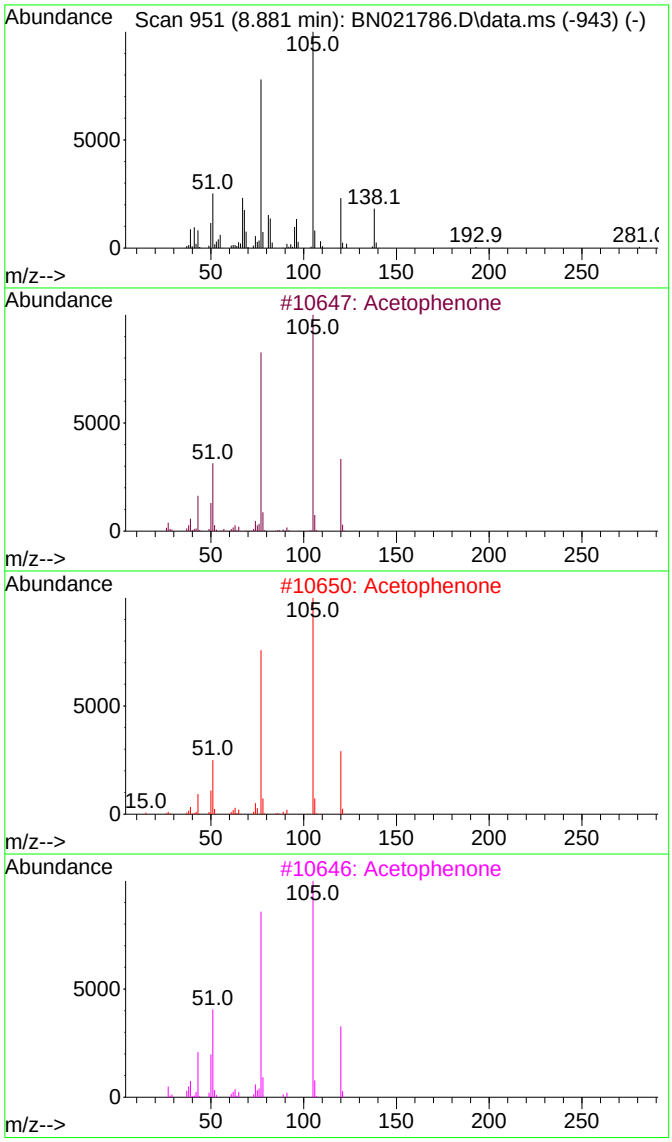
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

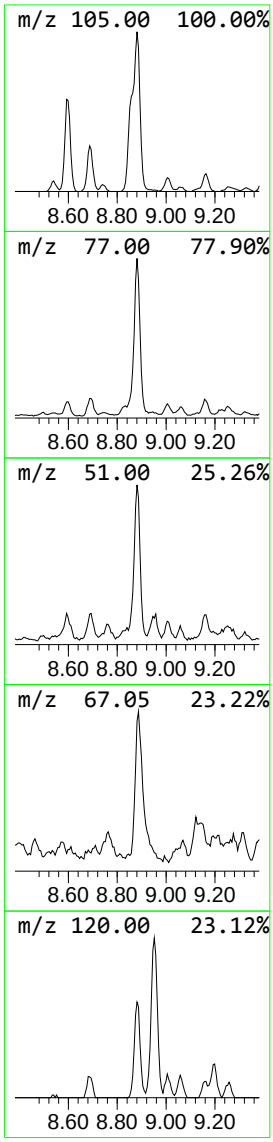
****

Peak Number 6 Aceto phenone Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.881	4.61 ng/ul	312394	1,4-Dichlorobenzene-d4	8.046

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	93
2	Acetophenone	120	C8H8O	000098-86-2	92
3	Acetophenone	120	C8H8O	000098-86-2	70
4	Acetophenone	120	C8H8O	000098-86-2	70
5	Acetophenone	120	C8H8O	000098-86-2	70





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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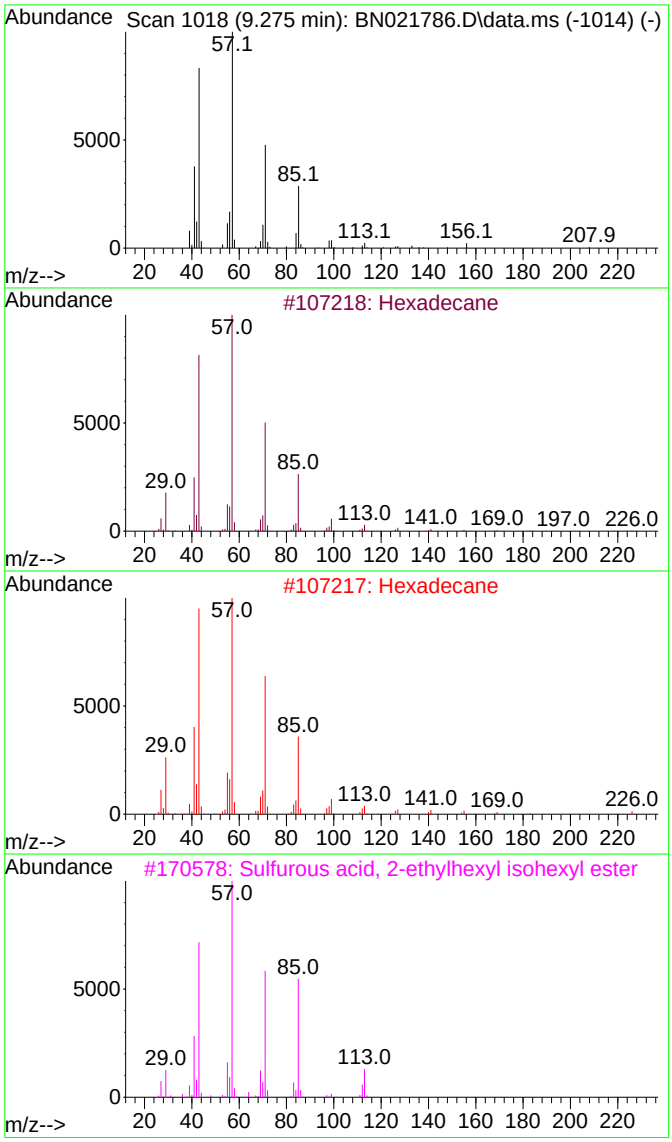
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

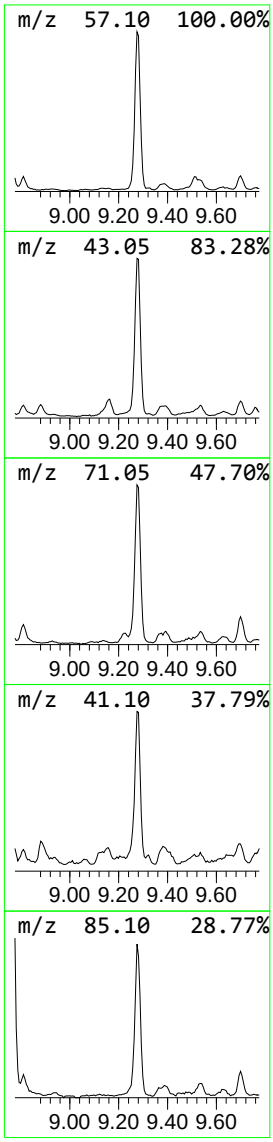
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.275	5.94 ng/ul	402097	1,4-Dichlorobenzene-d4	8.046

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Hexadecane	226	C16H34	000544-76-3	83
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	78
4	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	72
5	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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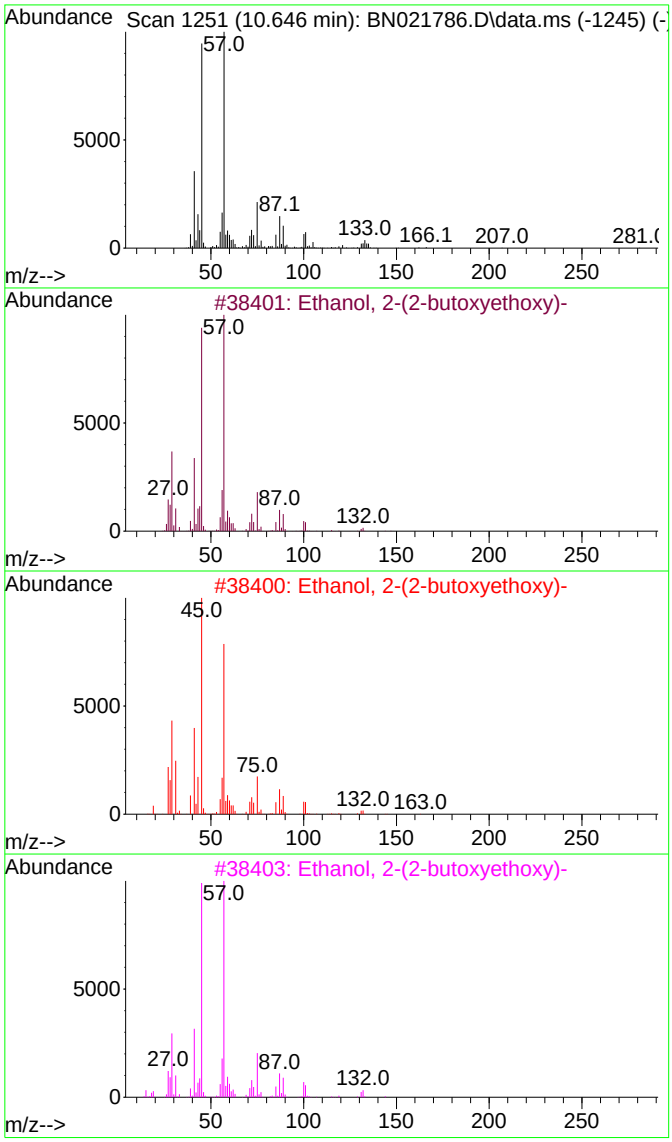
Quant Title : SVOA CALIBRATION

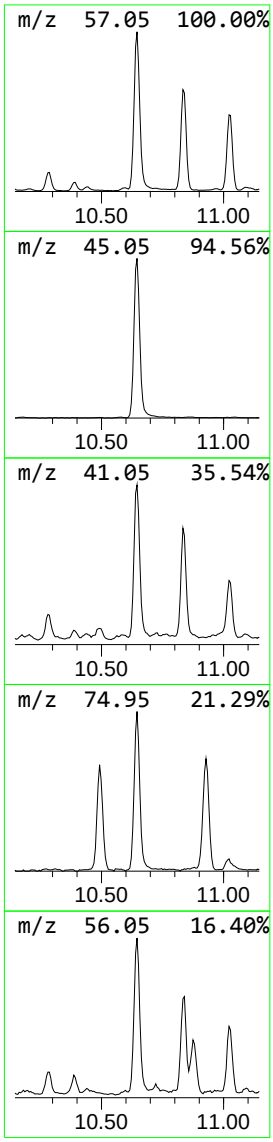
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.646	8.51 ng/ul	934462	Naphthalene-d8	10.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	86
4	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
5	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78





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Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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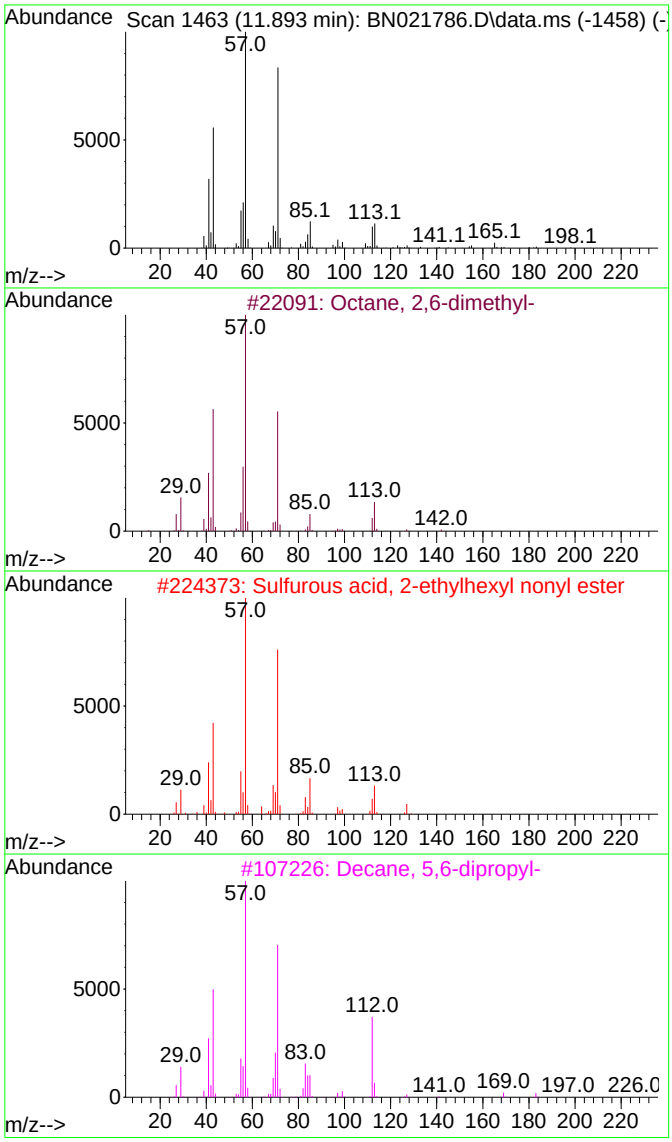
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

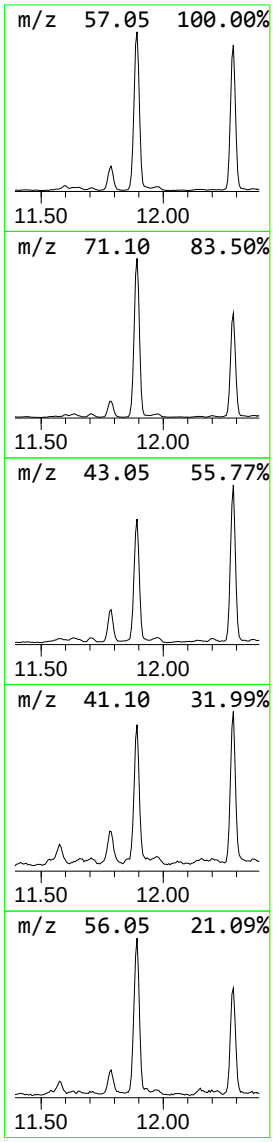
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.893	7.17 ng/ul	787269	Naphthalene-d8	10.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
3	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	78
4	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	78
5	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	78





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Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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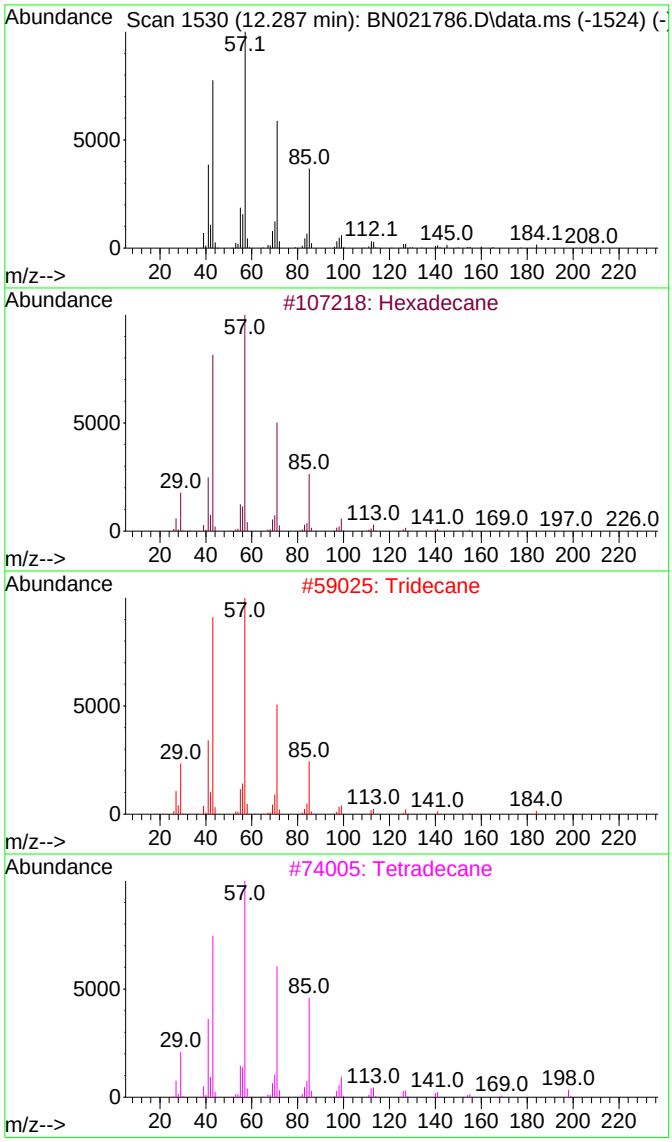
Quant Title : SVOA CALIBRATION

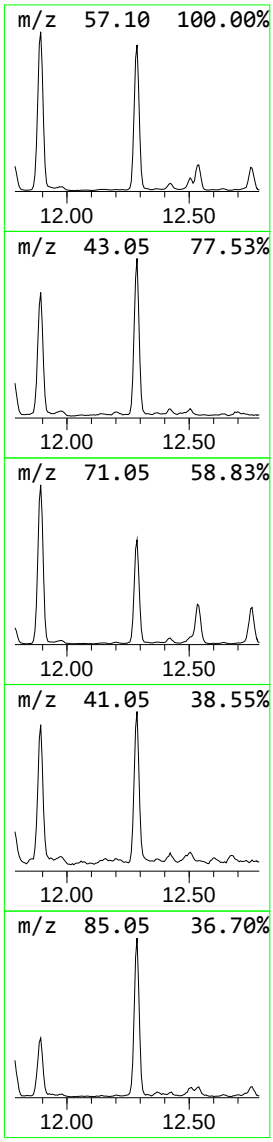
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.287	6.11 ng/ul	671409	Naphthalene-d8	10.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Tridecane	184	C13H28	000629-50-5	76
5	Hexadecane	226	C16H34	000544-76-3	72





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Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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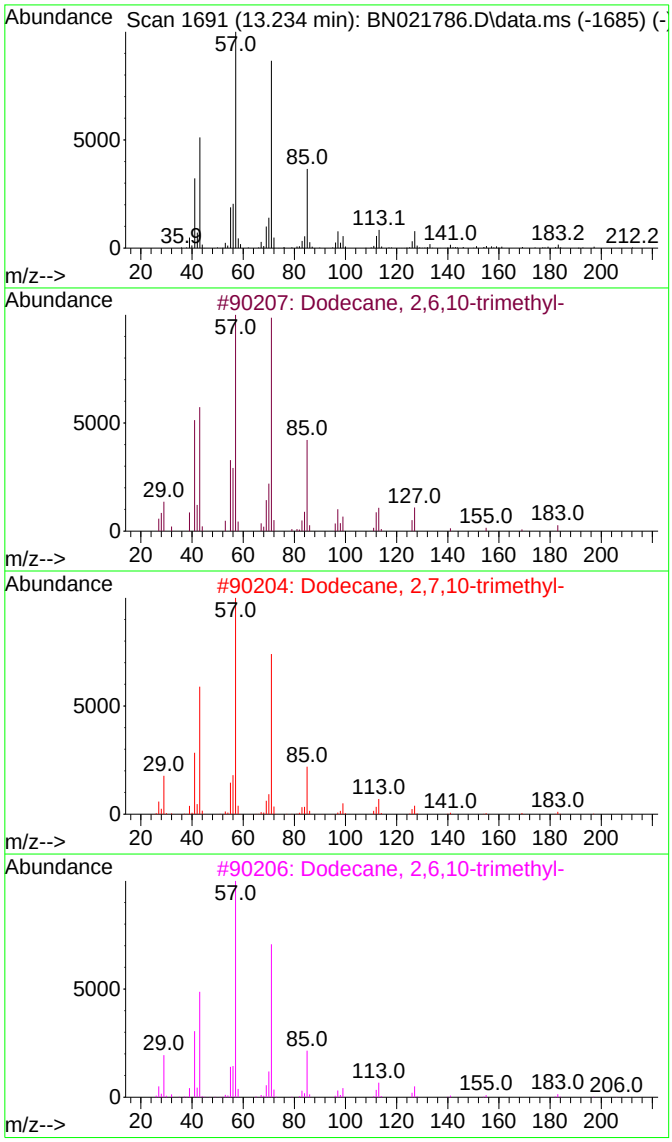
Quant Title : SVOA CALIBRATION

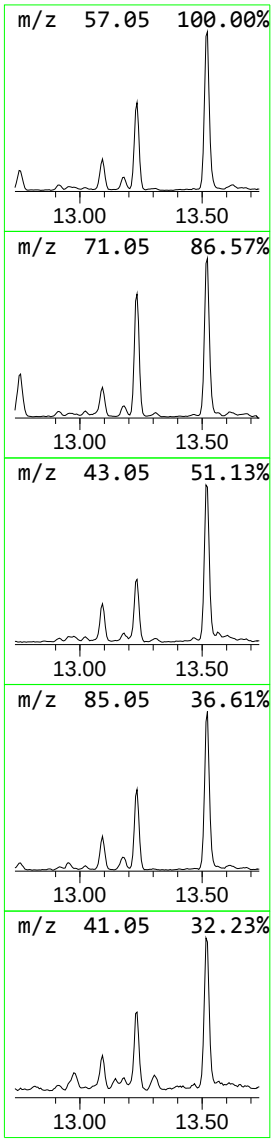
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.234	3.10 ng/ul	532519	Acenaphthene-d10	14.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80





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Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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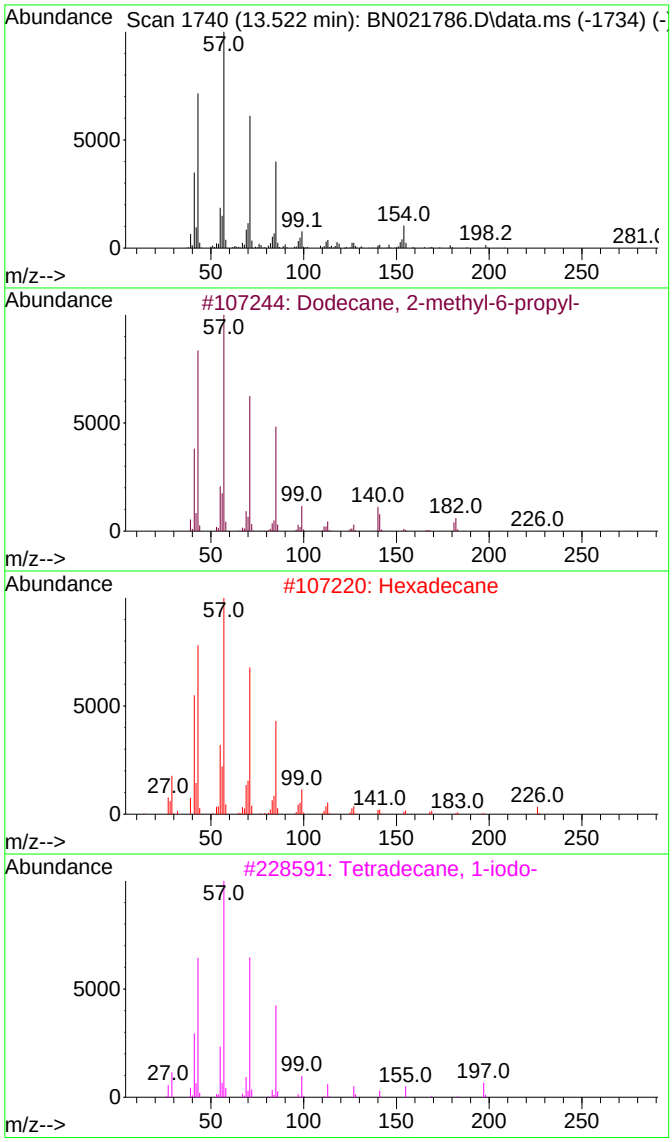
Quant Title : SVOA CALIBRATION

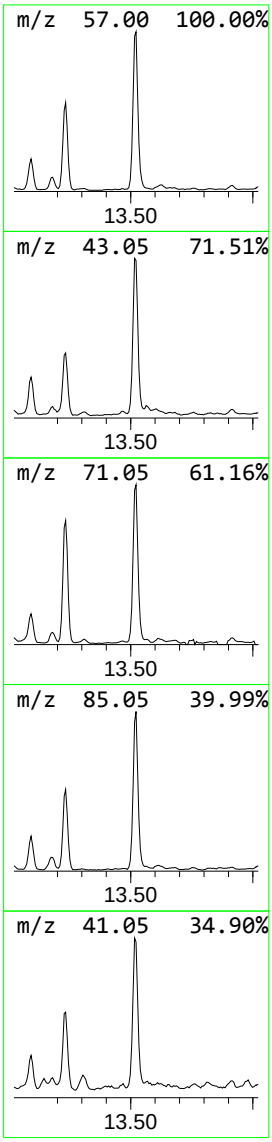
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.522	7.34 ng/ul	1259430	Acenaphthene-d10	14.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
2	Hexadecane	226	C16H34	000544-76-3	74
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
4	Pentadecane	212	C15H32	000629-62-9	72
5	Tetradecane	198	C14H30	000629-59-4	72





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ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Title : SVOA CALIBRATION

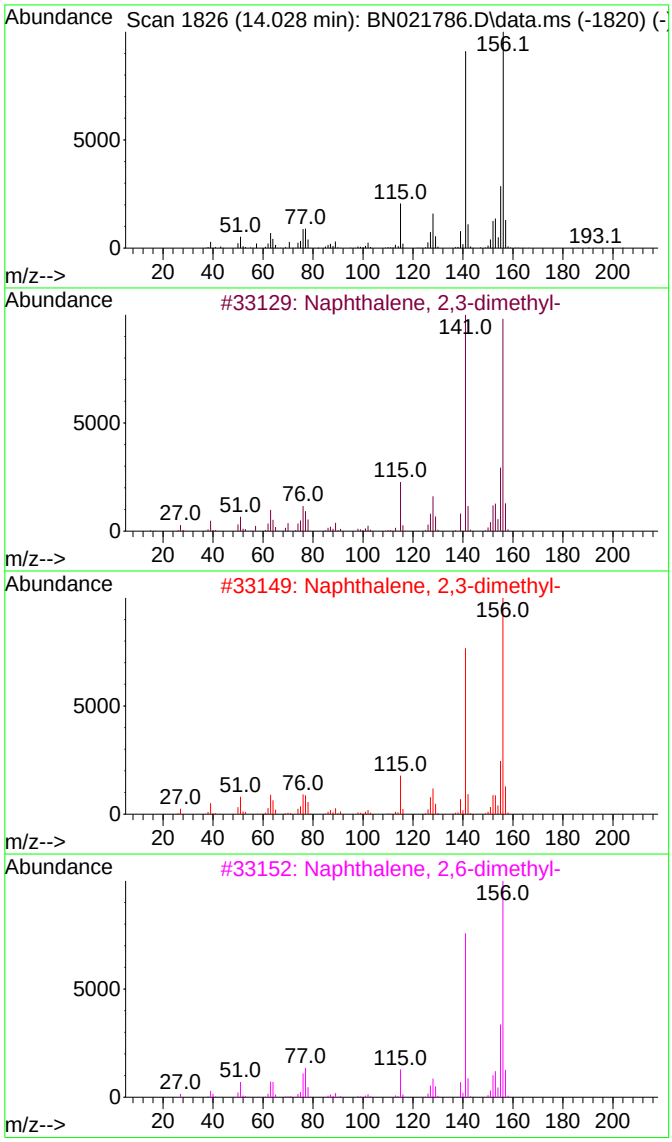
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

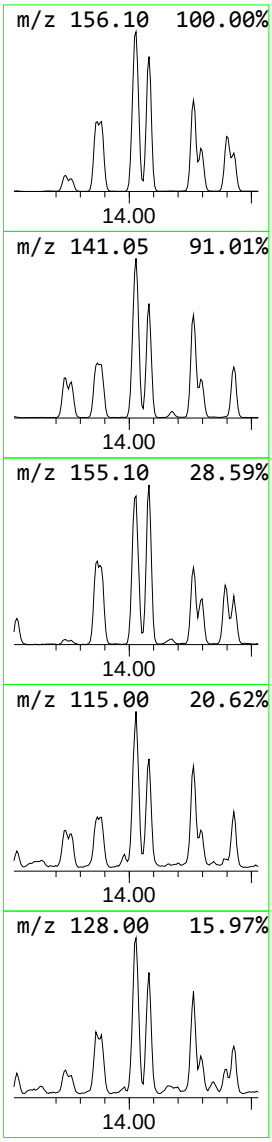
****

Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.028	9.02 ng/ul	1547790	Acenaphthene-d10	14.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97





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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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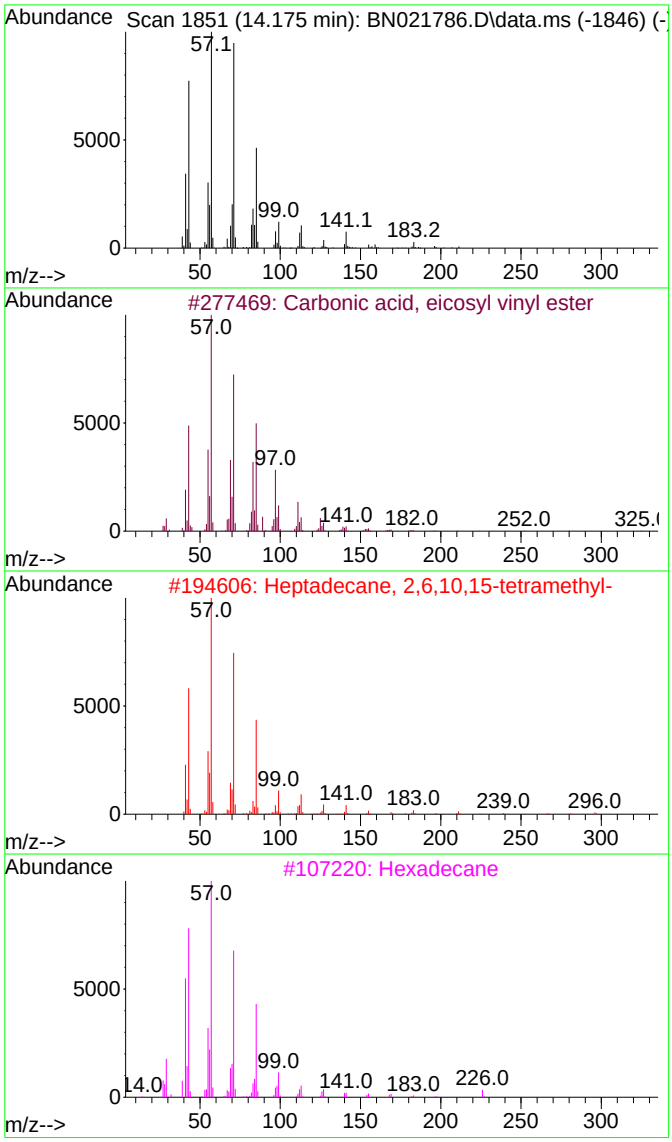
Quant Title : SVOA CALIBRATION

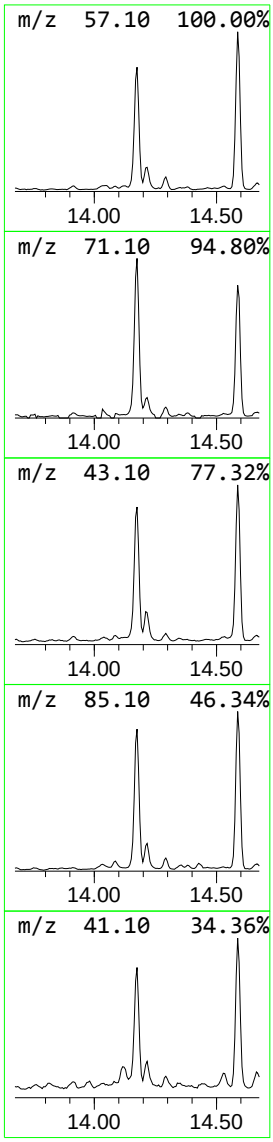
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Carbonic acid, eicosyl viny... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.175	4.57 ng/ul	784312	Acenaphthene-d10	14.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Hexadecane	226	C16H34	000544-76-3	80
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	76
5	Decane, 5-propyl-	184	C13H28	017312-62-8	74





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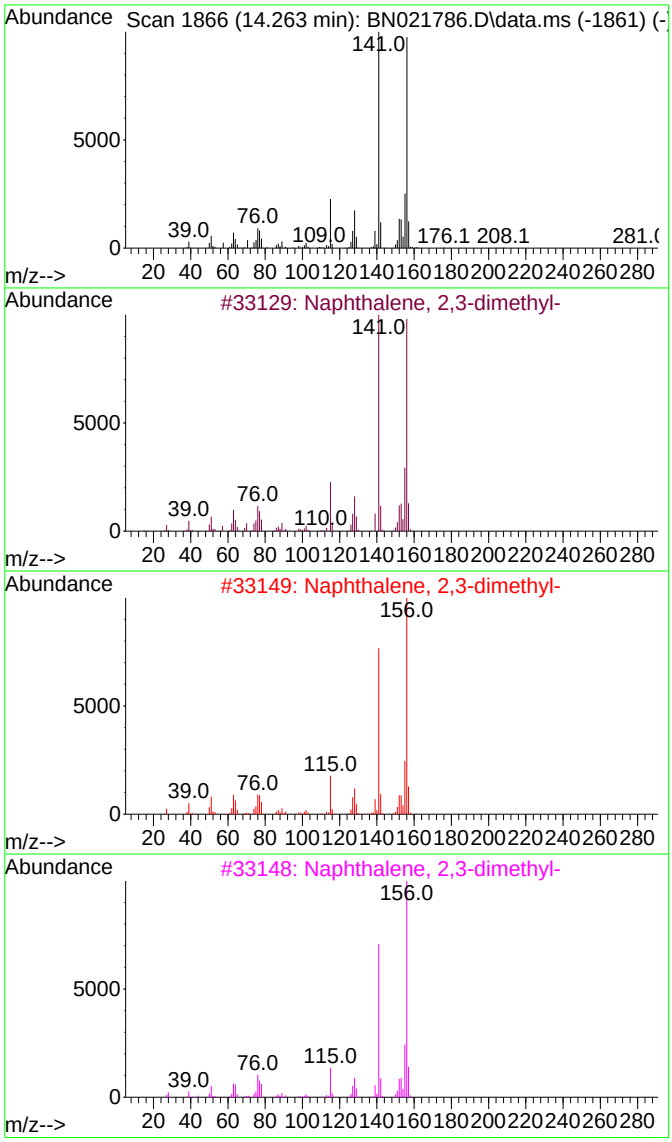
Quant Title : SVOA CALIBRATION

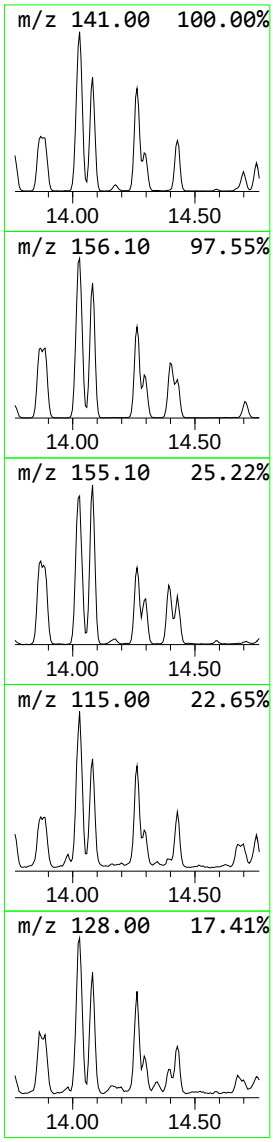
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 1,3-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.263	4.48 ng/ul	768405	Acenaphthene-d10	14.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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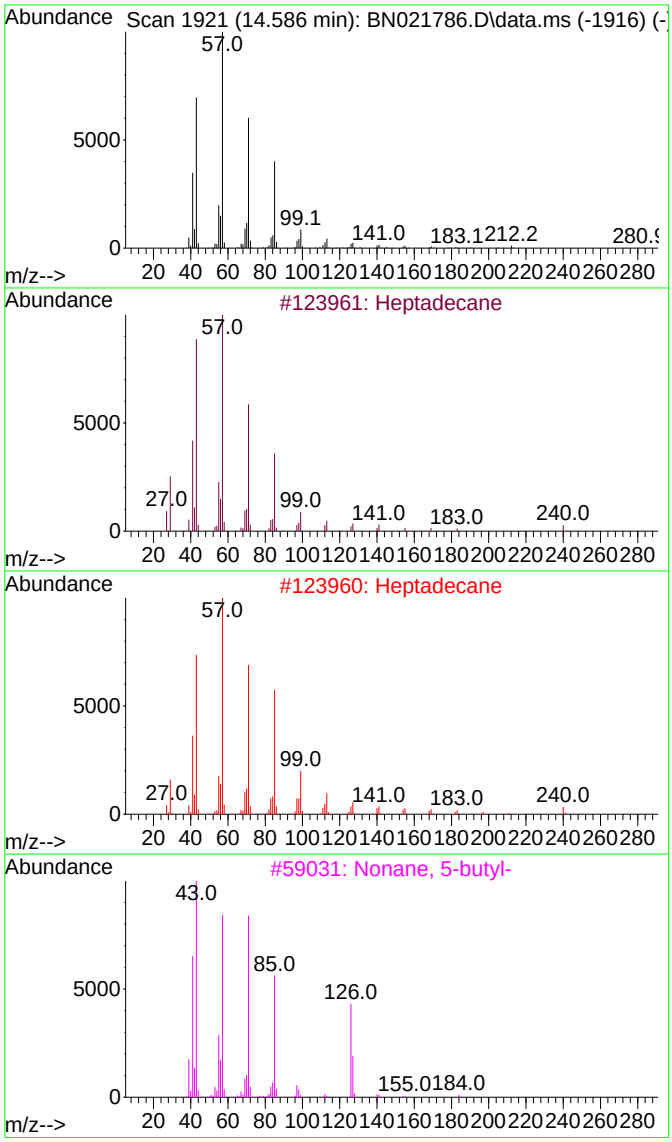
Quant Title : SVOA CALIBRATION

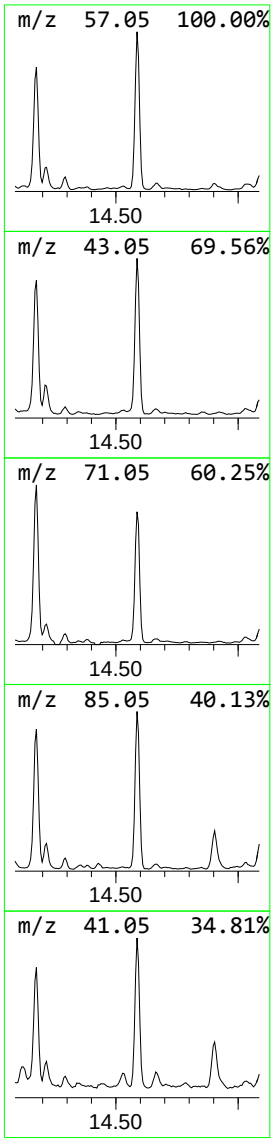
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.586	4.71 ng/ul	808275	Acenaphthene-d10	14.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Heptadecane	240	C17H36	000629-78-7	83
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	72
4	Tridecane	184	C13H28	000629-50-5	72
5	Hexadecane	226	C16H34	000544-76-3	72





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

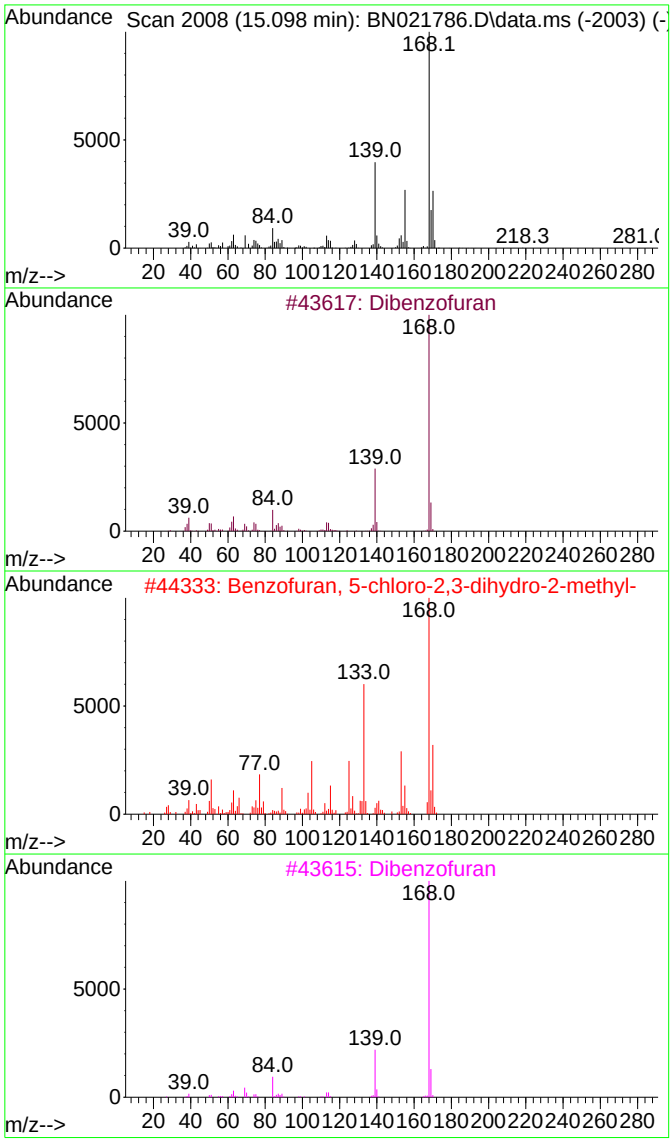
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

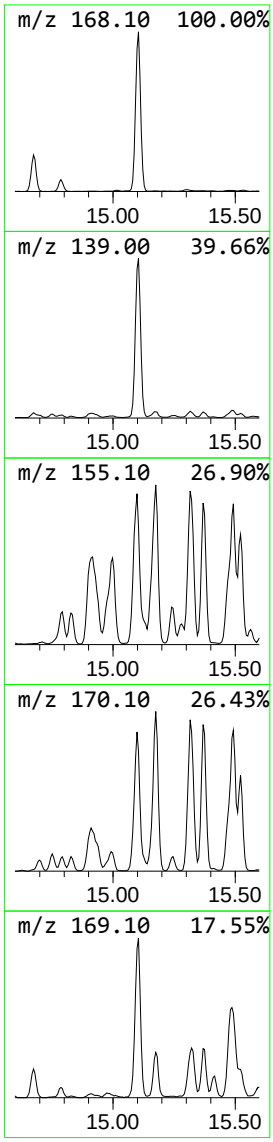
****

Peak Number 21 Dibenzo furan Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.098	8.83 ng/ul	1515190	Acenaphthene-d10	14.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	86
2	Benzofuran, 5-chloro-2,3-dihydro...	168	C9H9ClO	054410-96-7	47
3	Dibenzofuran	168	C12H8O	000132-64-9	47
4	3-Chloro-5,6,7,8-tetrahydrocinno...	168	C8H9ClN2	032078-92-5	43
5	Dibenzofuran	168	C12H8O	000132-64-9	42





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Acq On : 16 Sep 2022 13:27
Operator : CG/JU
Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5757

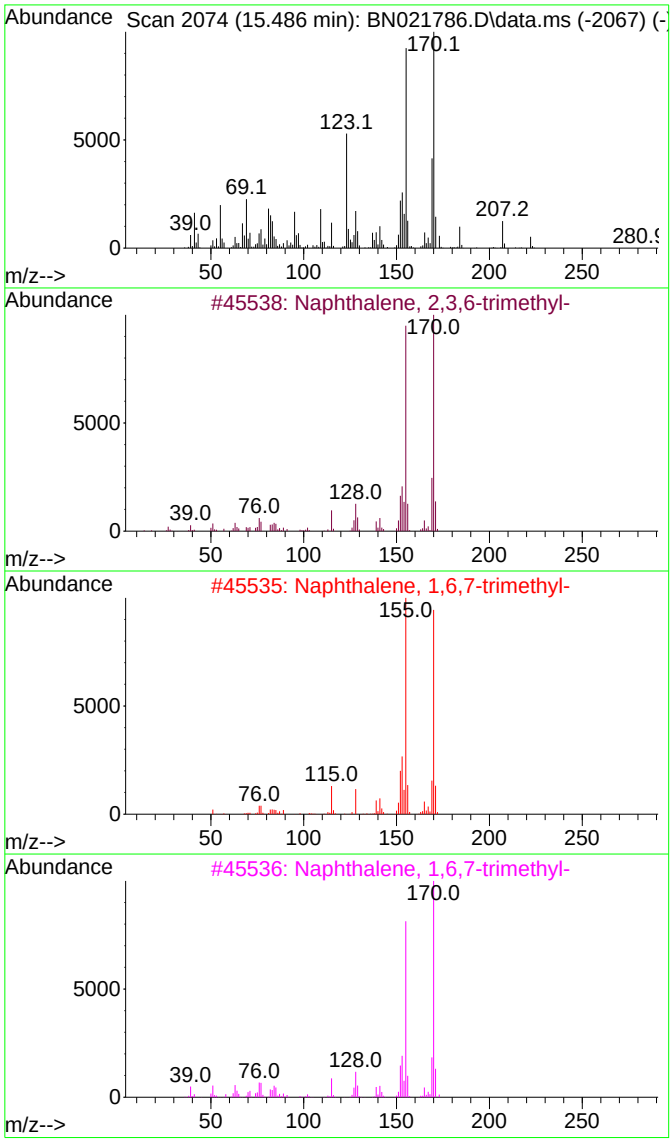
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

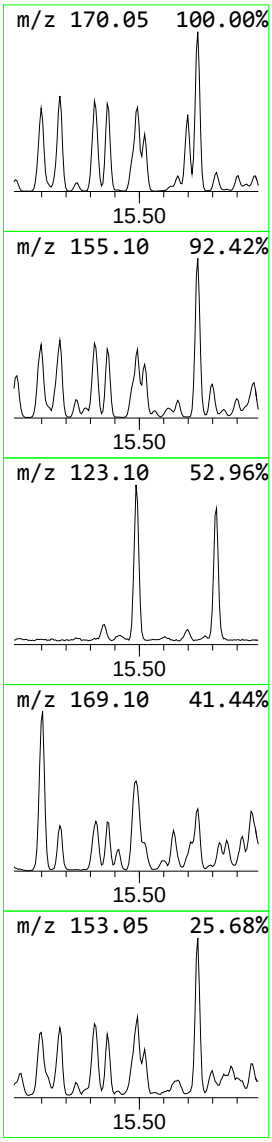
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Naphthalene, 2,3,6-trimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.486	6.16 ng/ul	1058130	Acenaphthene-d10	14.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86





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Operator : CG/JU
Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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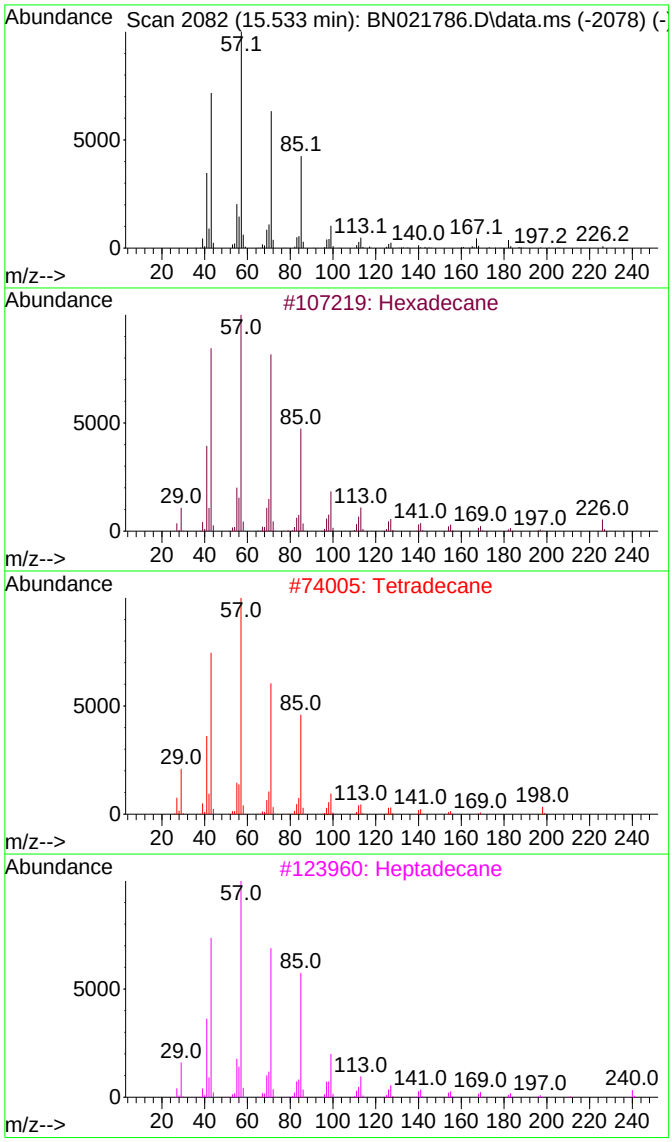
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

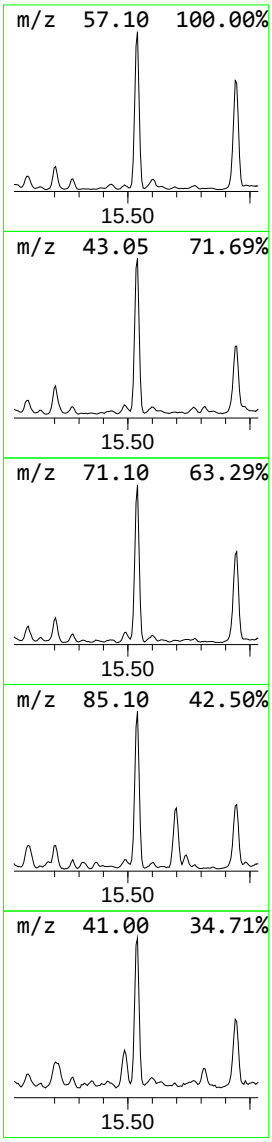
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.534	6.06 ng/ul	1040470	Acenaphthene-d10	14.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tetradecane	198	C14H30	000629-59-4	86
3	Heptadecane	240	C17H36	000629-78-7	78
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	76
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





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Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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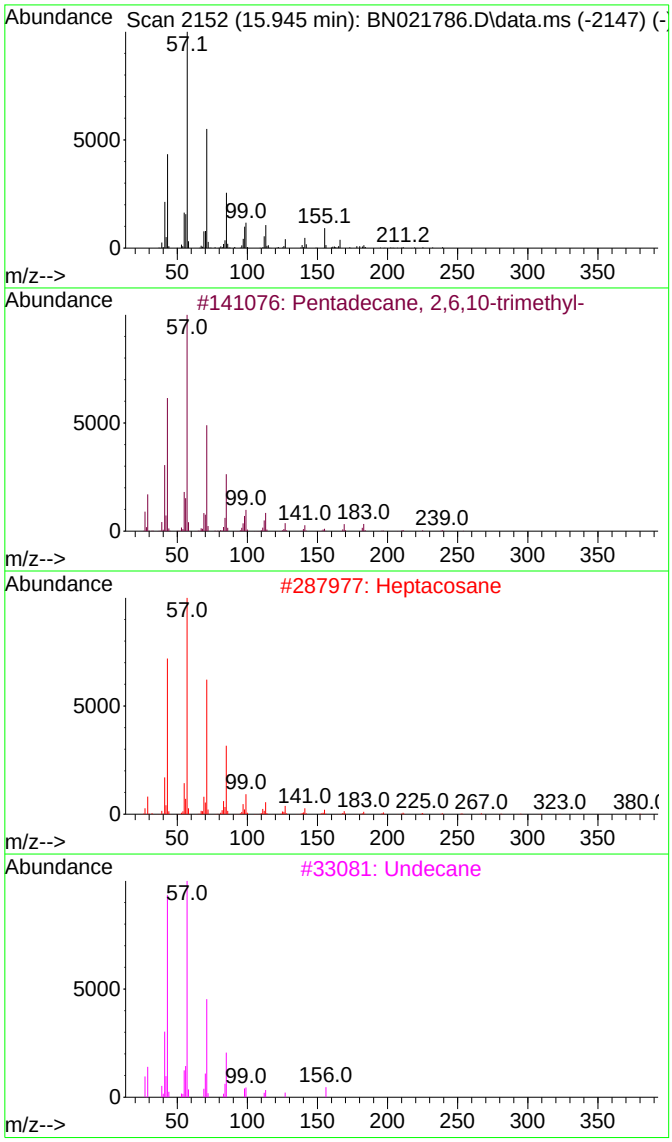
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

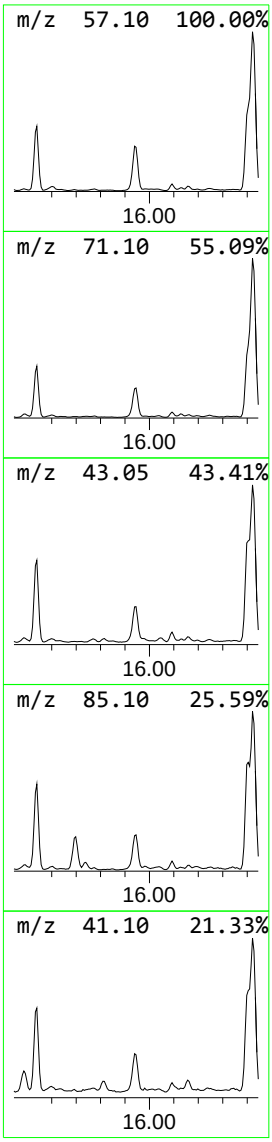
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.945	5.24 ng/ul	898805	Acenaphthene-d10	14.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
2	Heptacosane	380	C27H56	000593-49-7	72
3	Undecane	156	C11H24	001120-21-4	72
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	70
5	Tetracosane	338	C24H50	000646-31-1	58





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Operator : CG/JU
Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

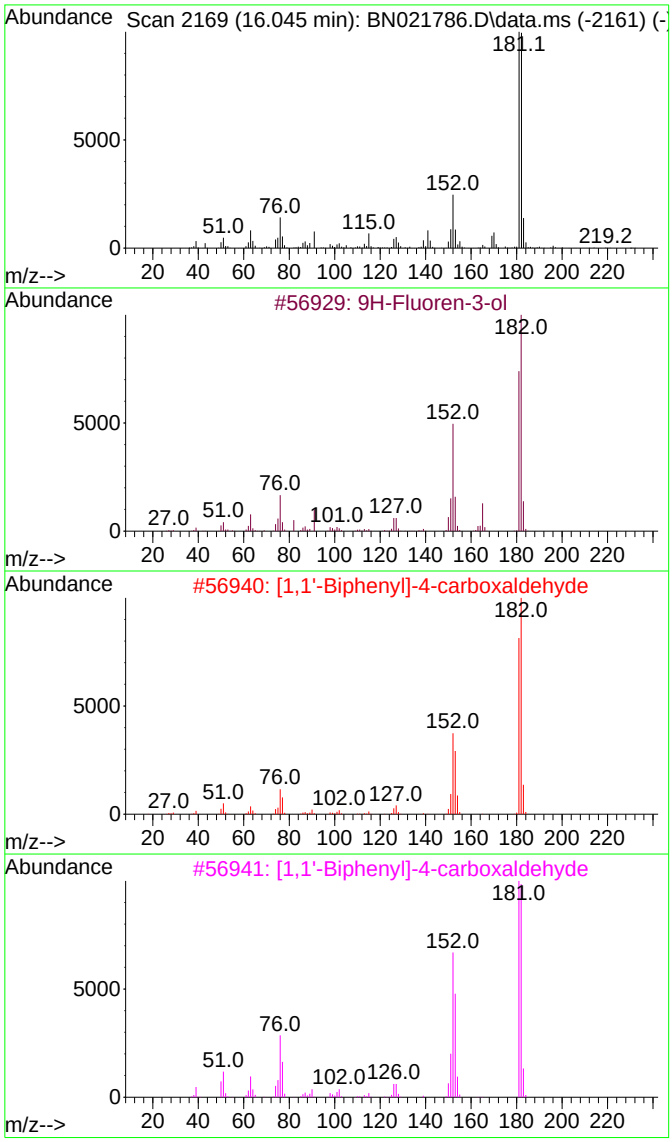
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

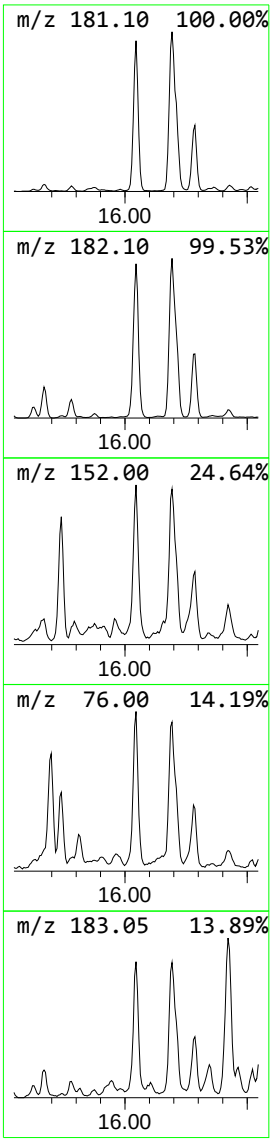
****

Peak Number 28 9H-Fluoren-3-ol Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.045	6.35 ng/ul	1089640	Acenaphthene-d10	14.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	81
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72





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Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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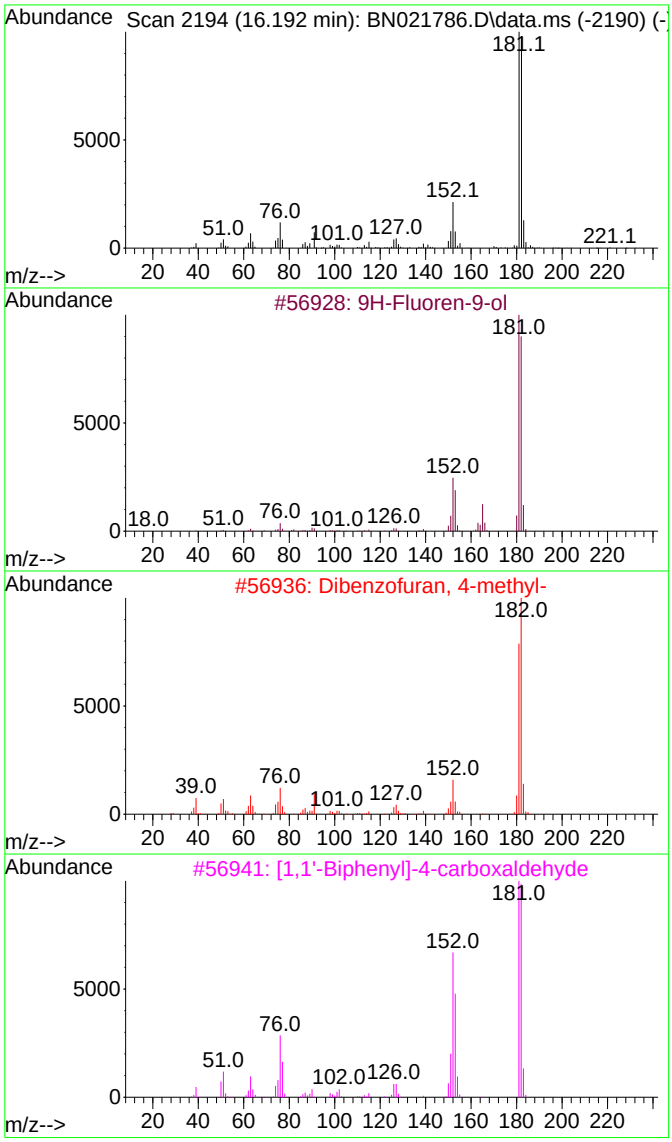
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

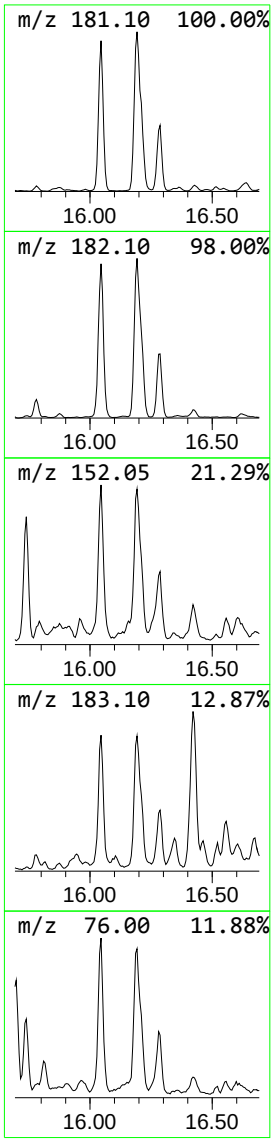
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 9H-Fluoren-9-ol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.192	7.68 ng/ul	1223580	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	81
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72





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Operator : CG/JU
Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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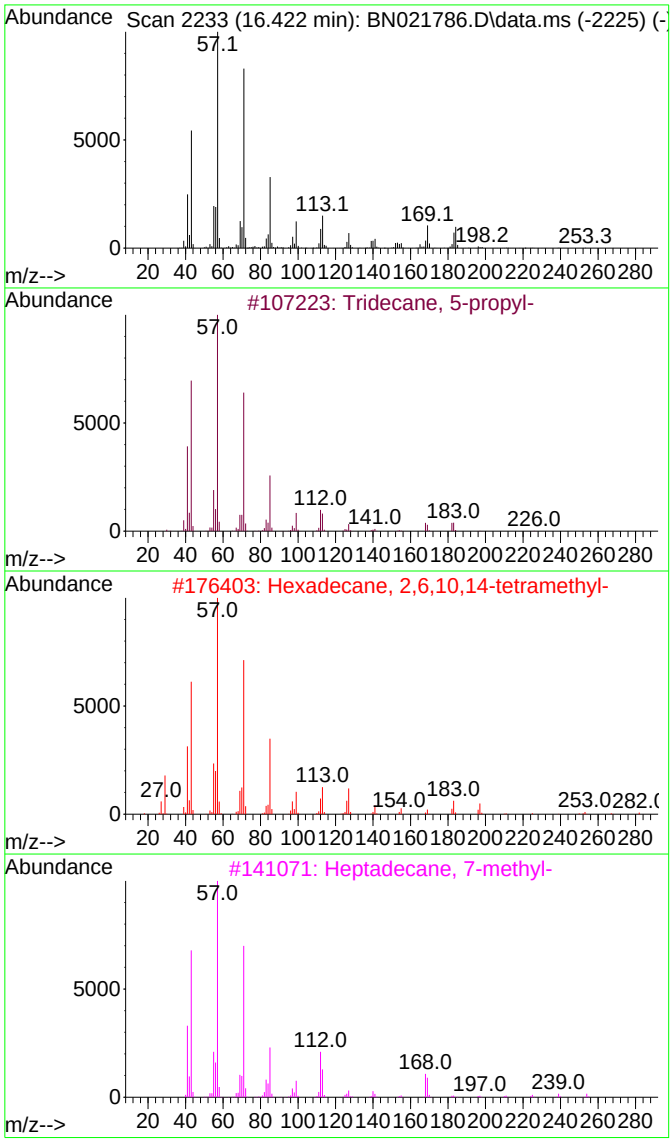
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

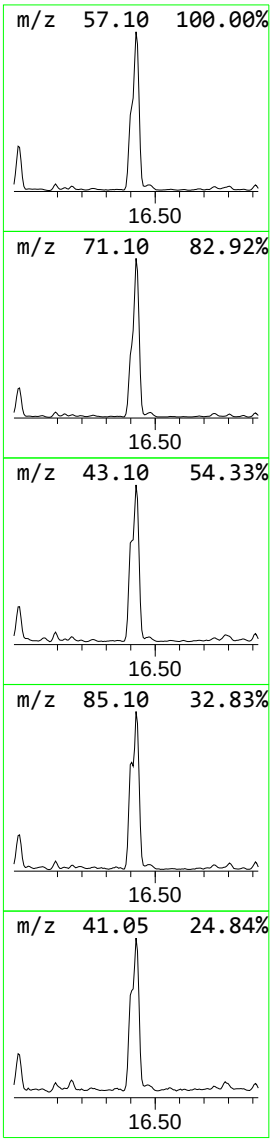
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.422	23.48 ng/ul	3738570	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	91
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
3	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	80
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	76
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





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Acq On : 16 Sep 2022 13:27
Operator : CG/JU
Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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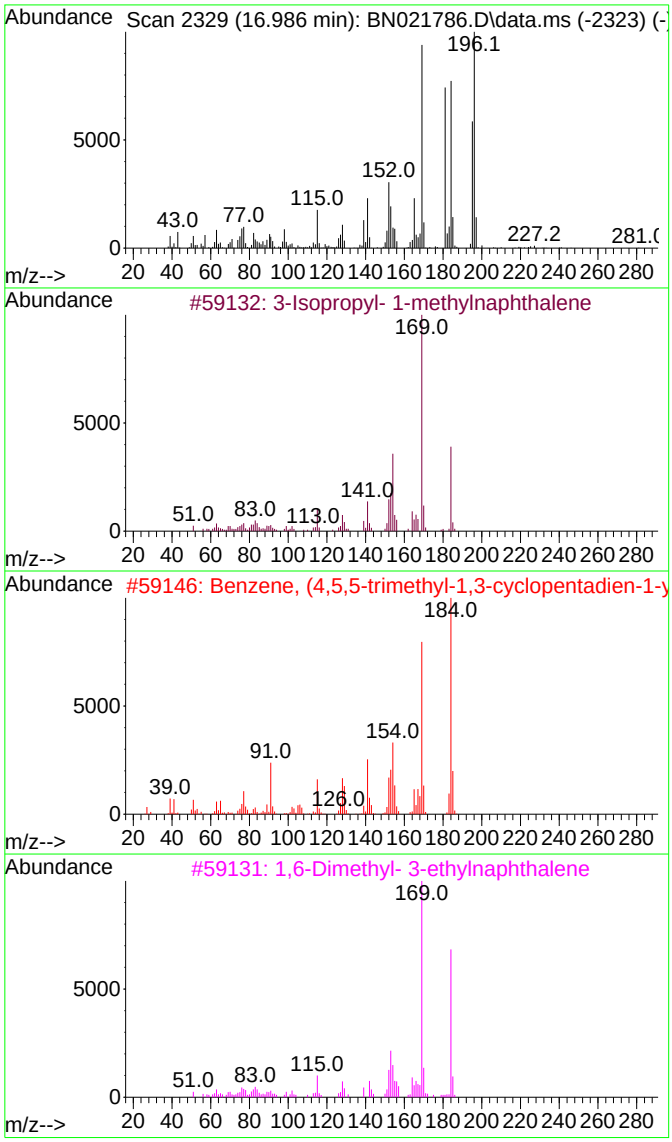
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

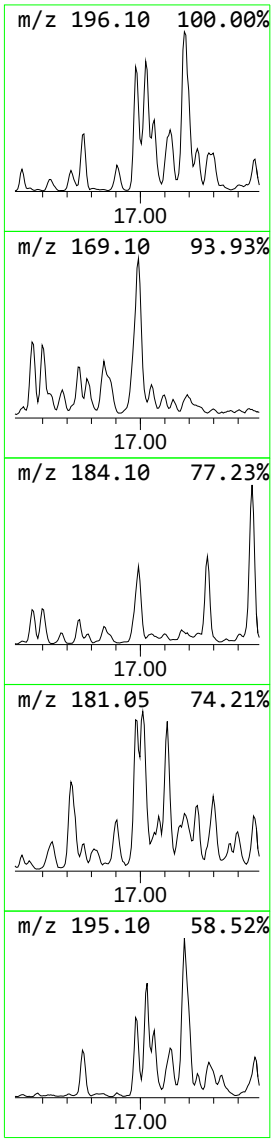
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 3-Isopropyl- 1-methylnaphth... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.986	6.56 ng/ul	1044120	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropyl- 1-methylnaphthalene	184	C14H16	1000383-71-4	64
2	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	56
3	1,6-Dimethyl- 3-ethylnaphthalene	184	C14H16	1000383-71-8	46
4	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	46
5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	41





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Operator : CG/JU
Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5757

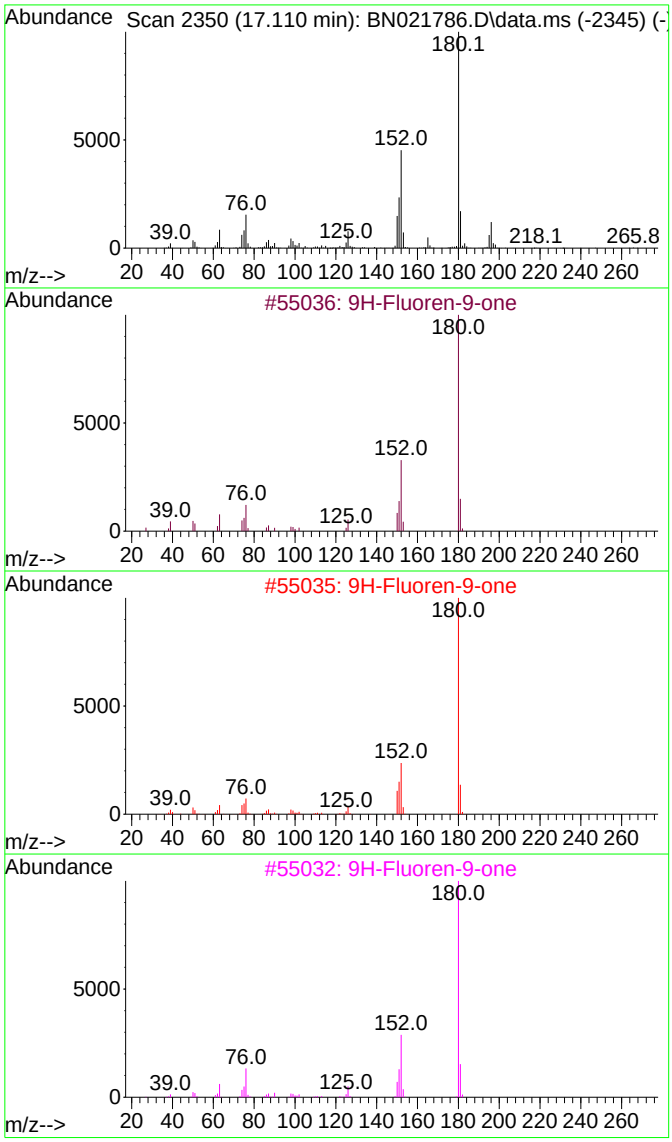
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

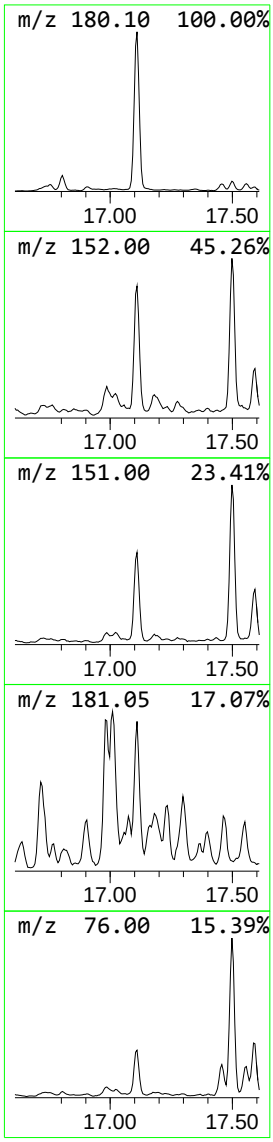
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 9H-Fluoren-9-one Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.110	6.09 ng/ul	969874	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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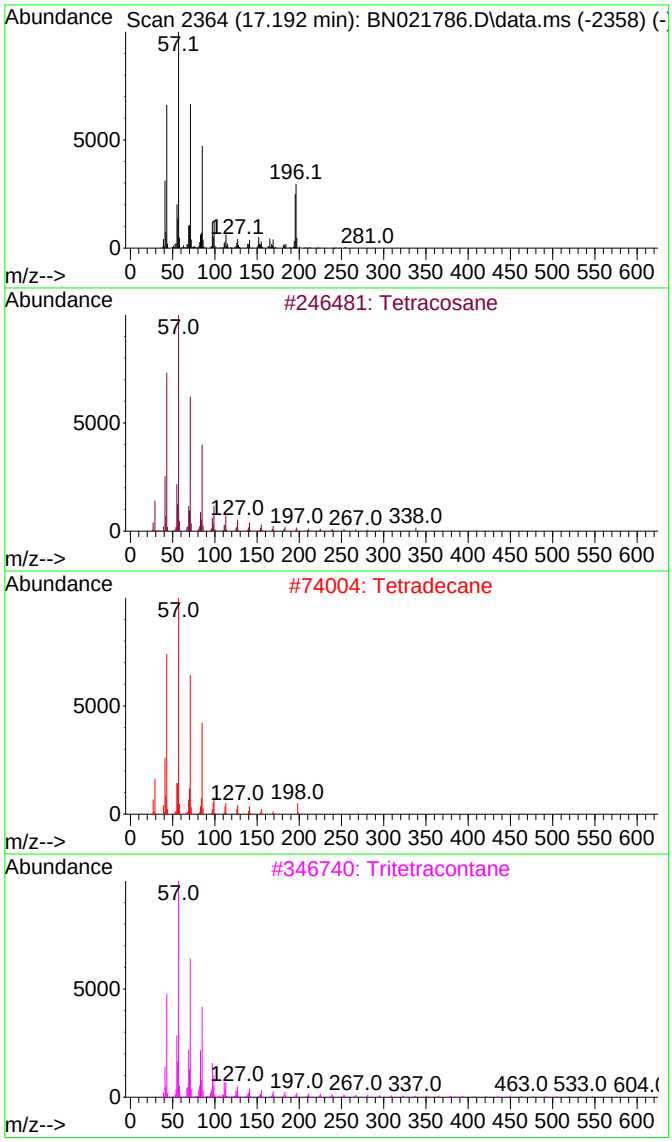
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

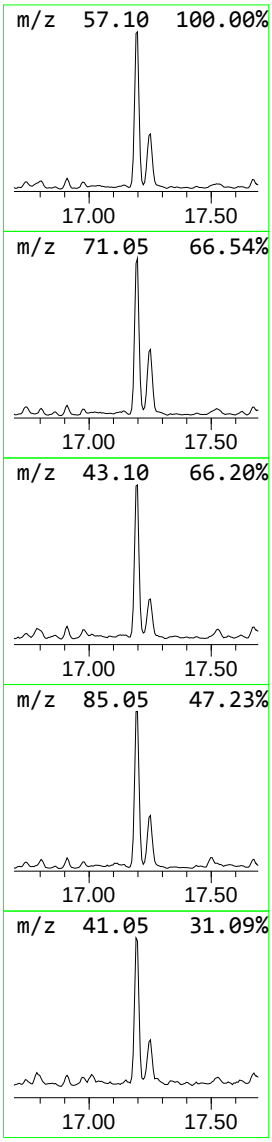
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.192	9.35 ng/ul	1488310	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	62
2	Tetradecane	198	C14H30	000629-59-4	58
3	Tritetracontane	605	C43H88	007098-21-7	58
4	Pentadecane	212	C15H32	000629-62-9	58
5	Eicosane	282	C20H42	000112-95-8	58





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Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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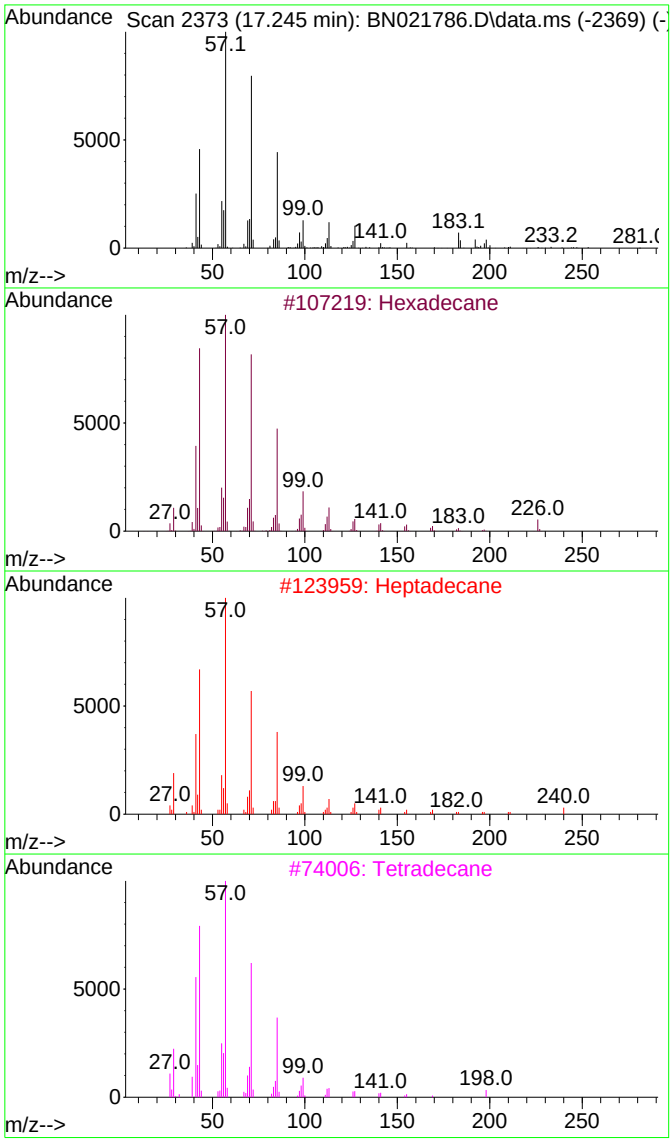
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

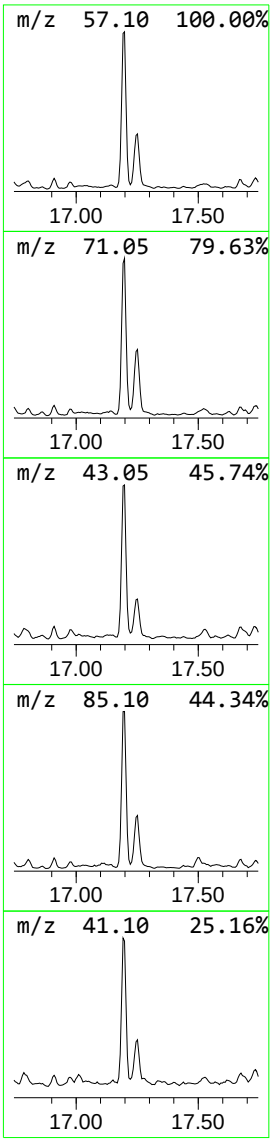
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.245	2.12 ng/ul	338253	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Heptadecane	240	C17H36	000629-78-7	86
3	Tetradecane	198	C14H30	000629-59-4	83
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Tetradecane	198	C14H30	000629-59-4	80





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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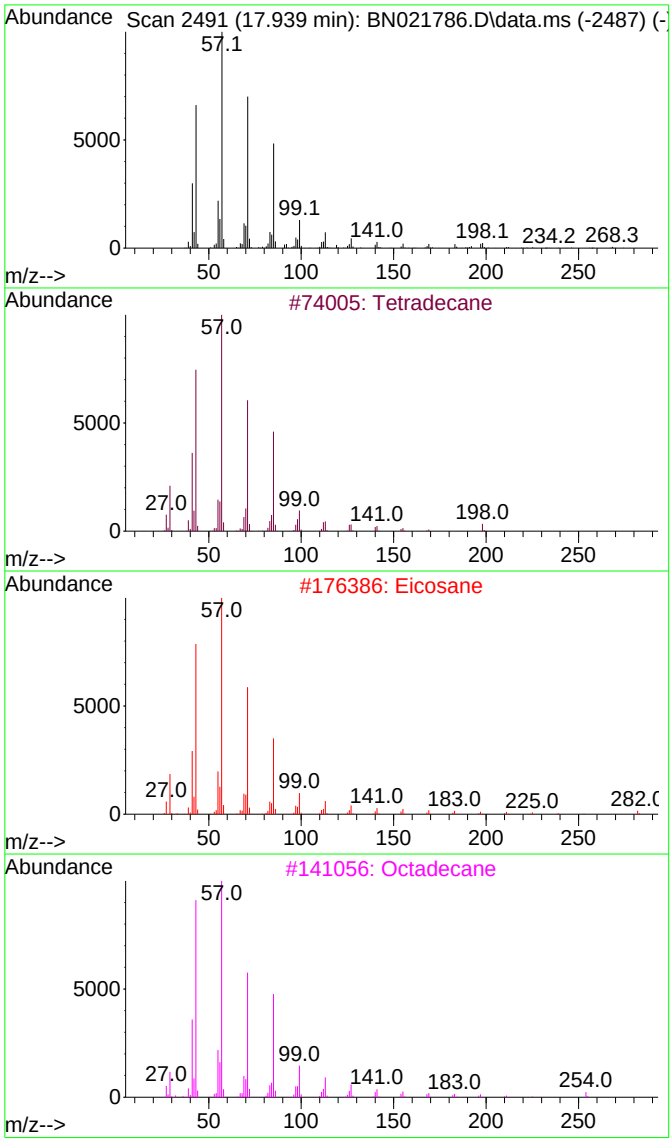
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

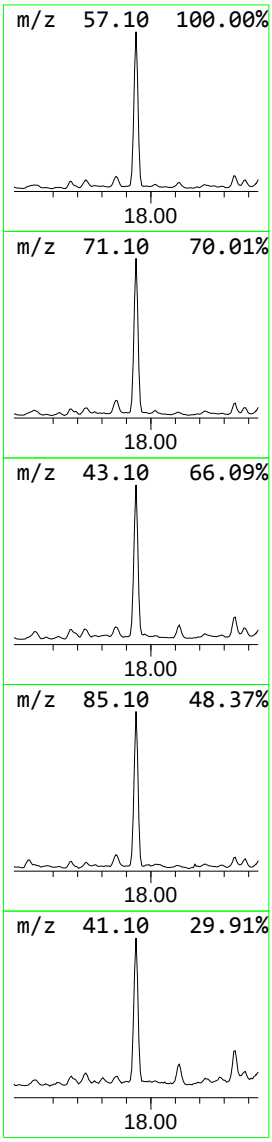
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.939	7.18 ng/ul	1143890	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Eicosane	282	C20H42	000112-95-8	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Nonadecane	268	C19H40	000629-92-5	91





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Data File : BN021786.D
Acq On : 16 Sep 2022 13:27
Operator : CG/JU
Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5757

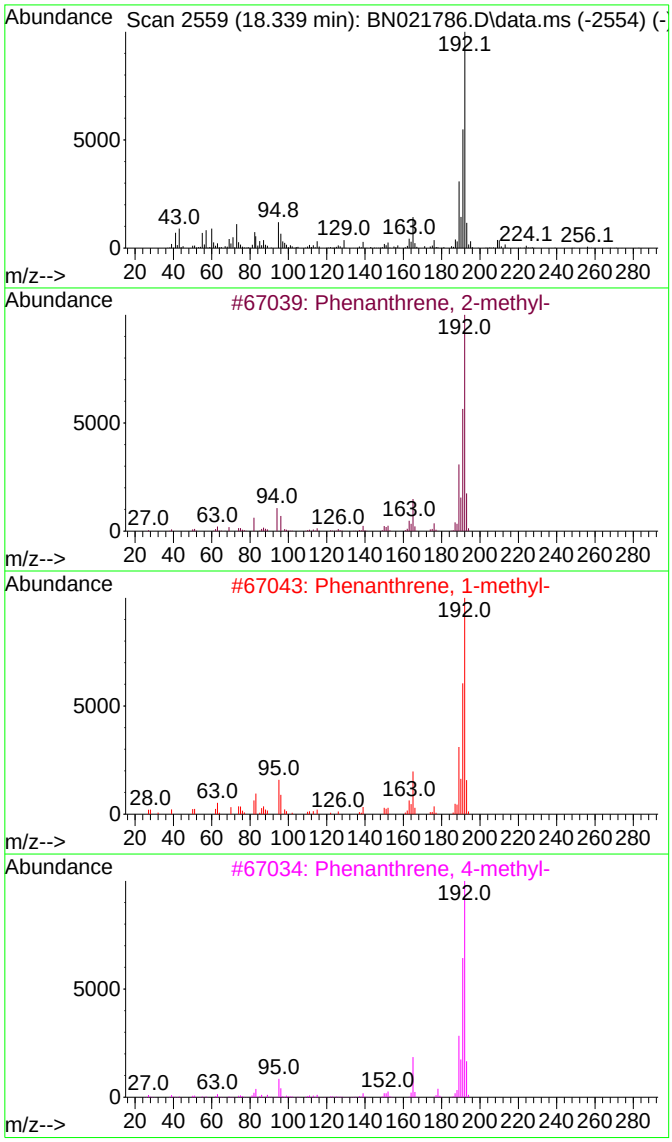
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

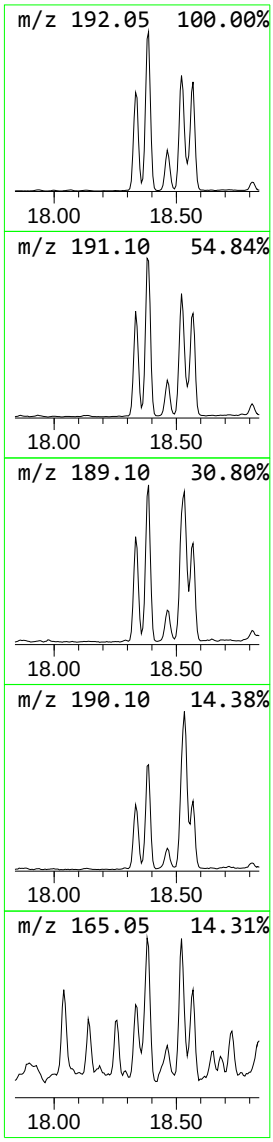
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.339	7.69 ng/ul	1225080	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Operator : CG/JU
Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5757

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

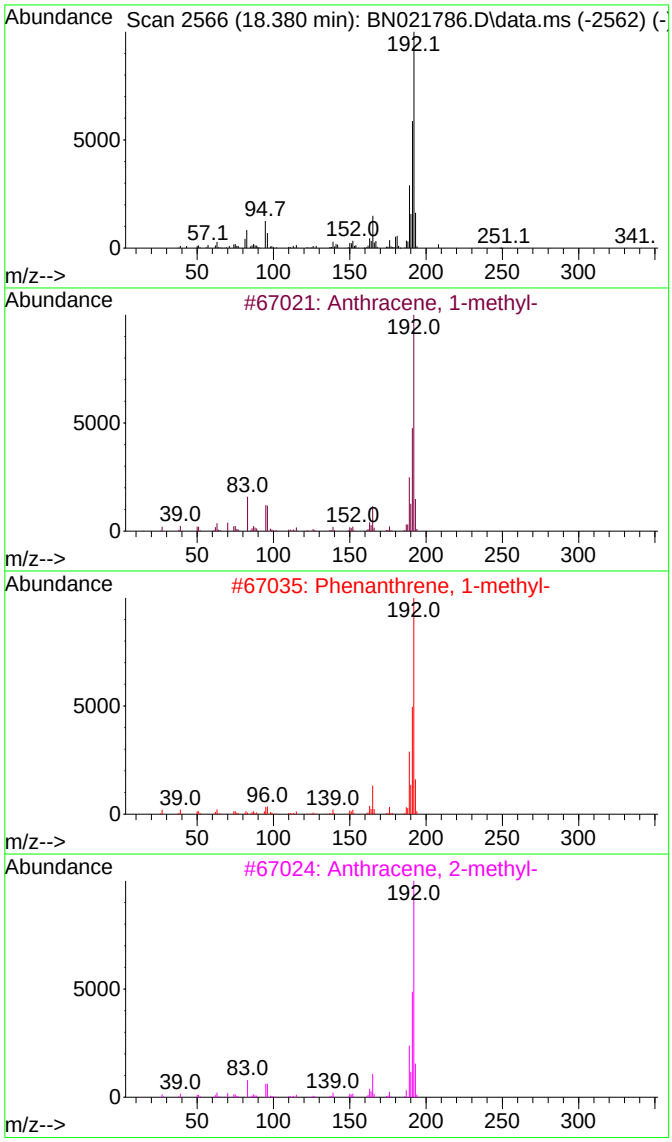
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

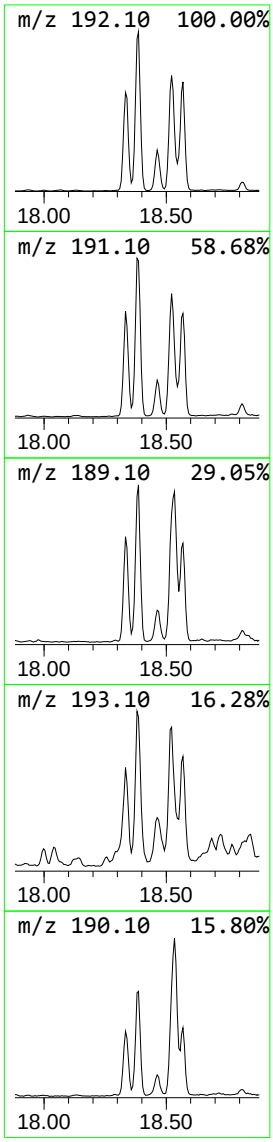
****

Peak Number 41 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.380	11.29 ng/ul	1797280	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Operator : CG/JU
Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5757

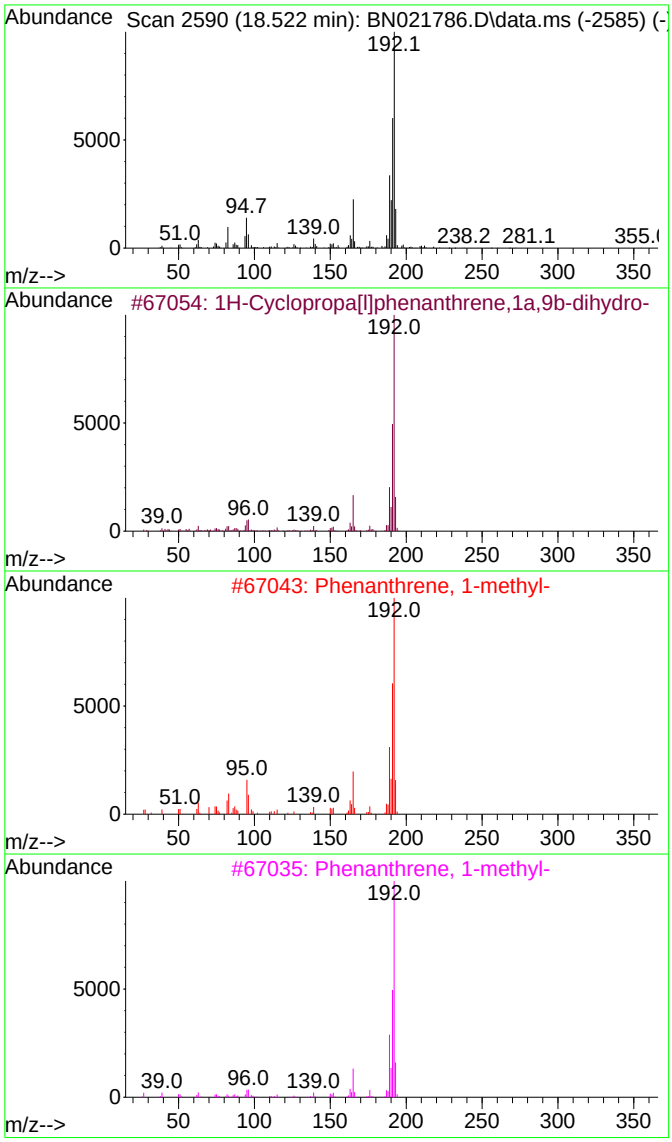
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

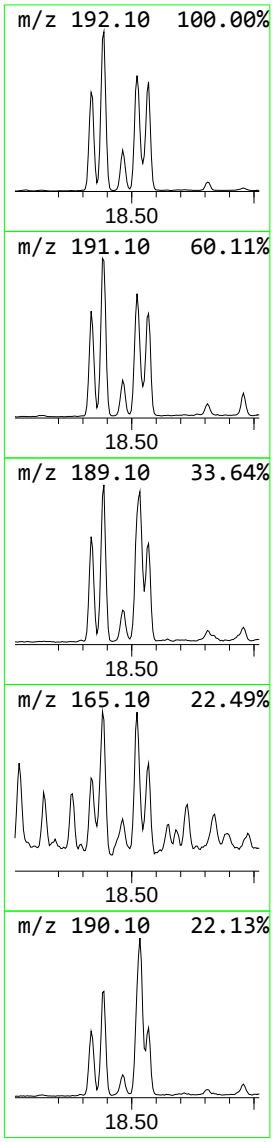
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.522	9.62 ng/ul	1531210	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	89





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Acq On : 16 Sep 2022 13:27
Operator : CG/JU
Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5757

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

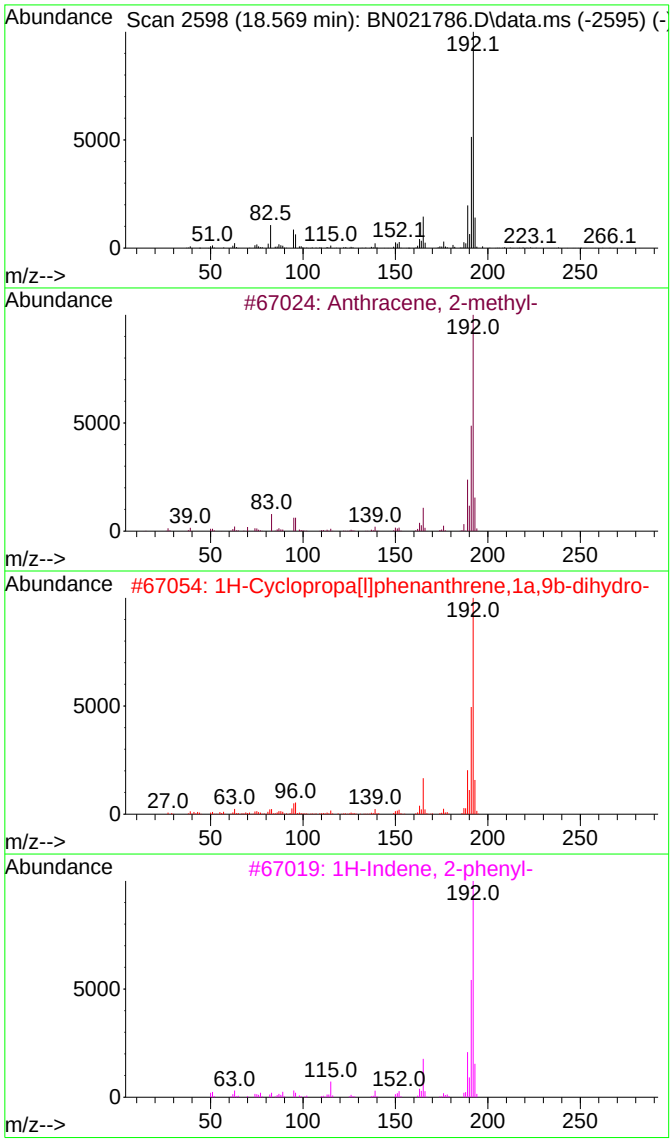
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

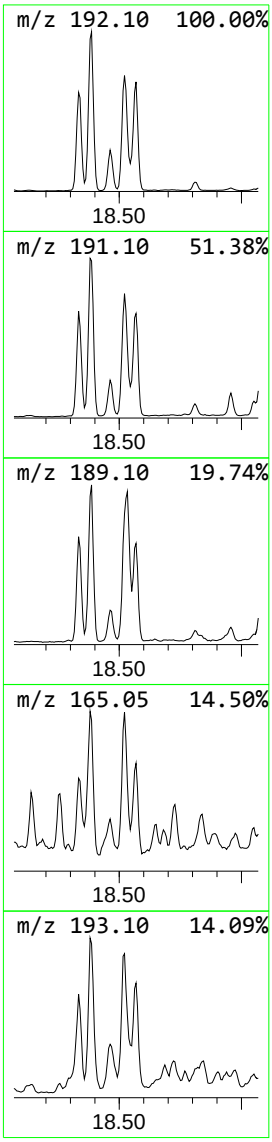
****

Peak Number 44 Anthracene, 2-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.569	5.75 ng/ul	914981	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





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Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5757

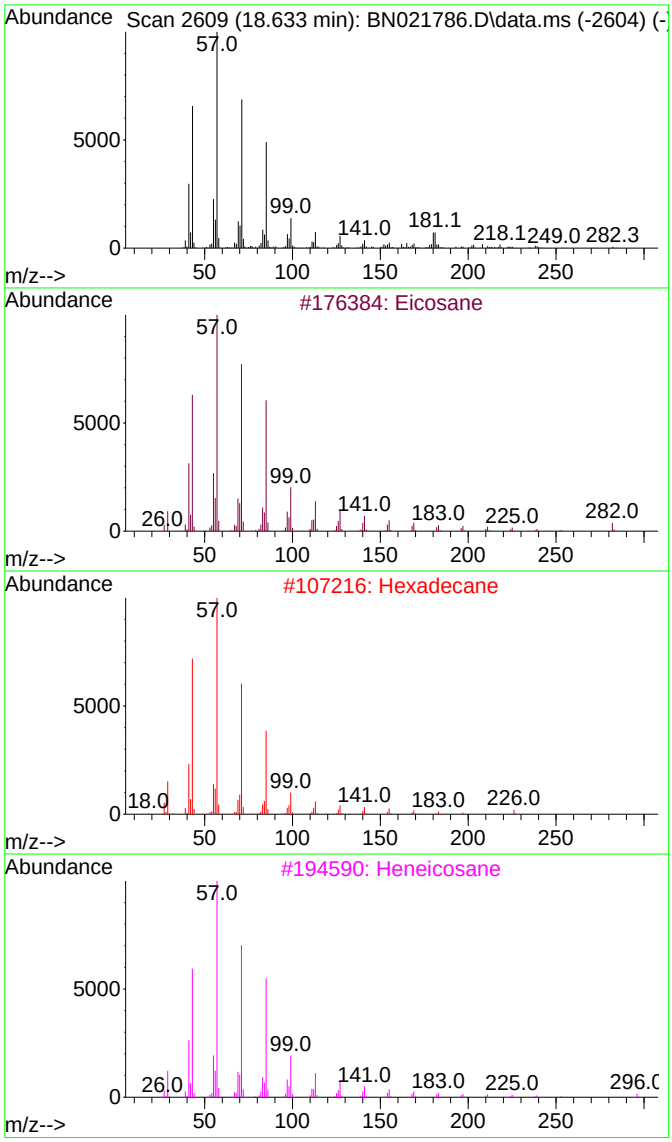
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

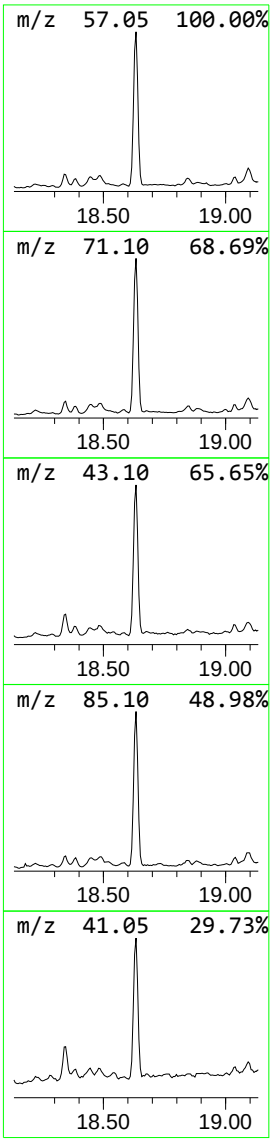
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.633	8.86 ng/ul	1410720	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Hexadecane	226	C16H34	000544-76-3	93
3	Heneicosane	296	C21H44	000629-94-7	87
4	Octadecane	254	C18H38	000593-45-3	83
5	Heneicosane	296	C21H44	000629-94-7	83





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Acq On : 16 Sep 2022 13:27
Operator : CG/JU
Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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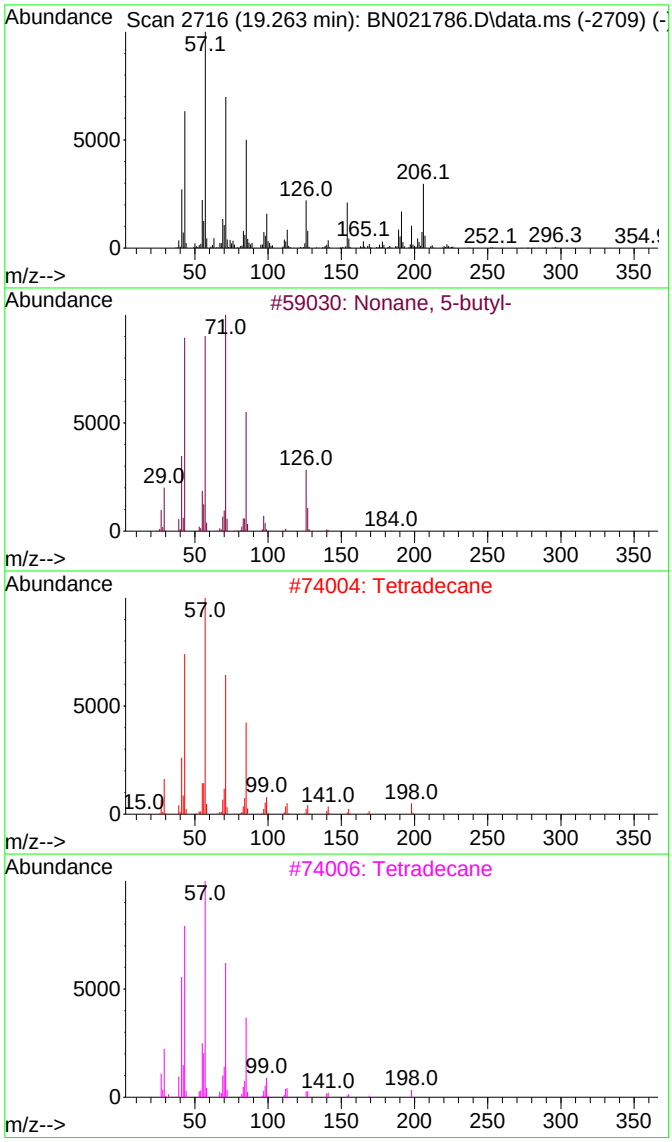
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

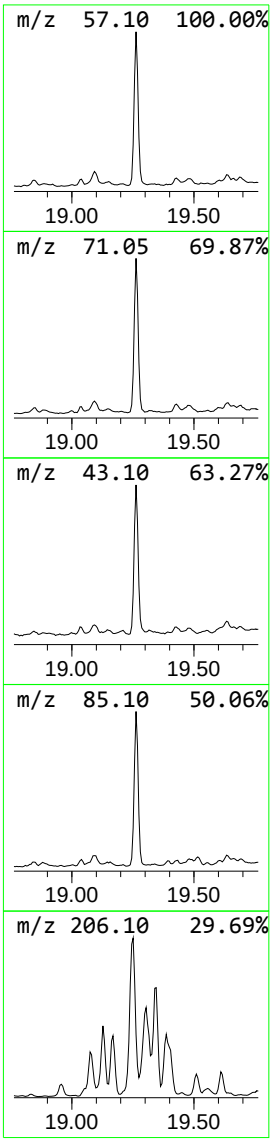
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.263	15.12 ng/ul	2407090	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	87
2	Tetradecane	198	C14H30	000629-59-4	60
3	Tetradecane	198	C14H30	000629-59-4	60
4	Tetradecane	198	C14H30	000629-59-4	53
5	Heneicosane	296	C21H44	000629-94-7	49





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Operator : CG/JU
Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5757

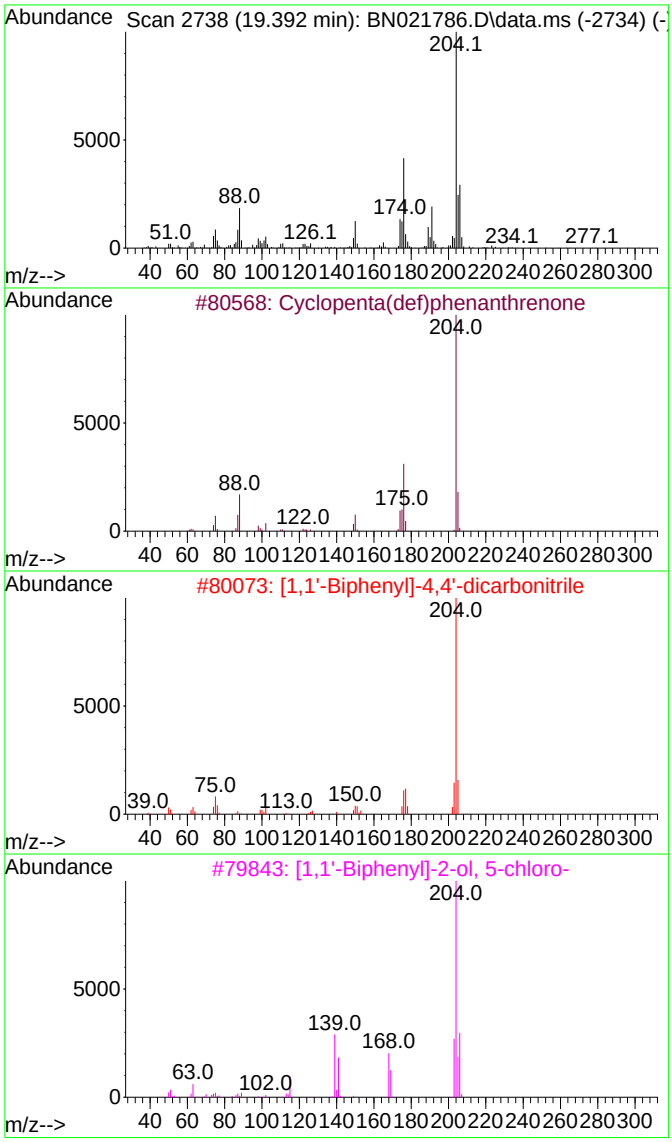
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

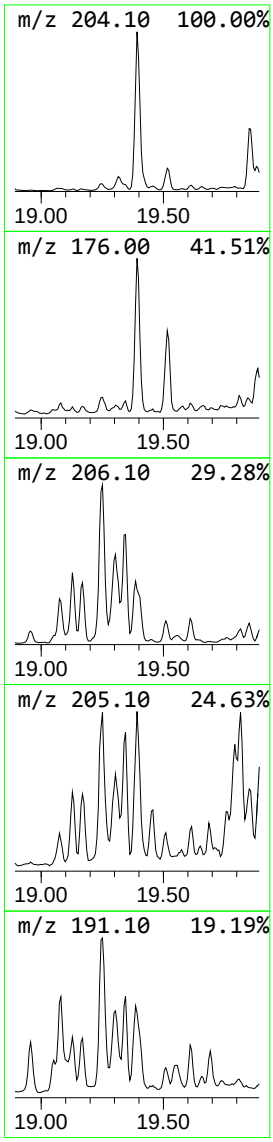
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.392	7.53 ng/ul	1198810	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	43
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	41





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Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5757

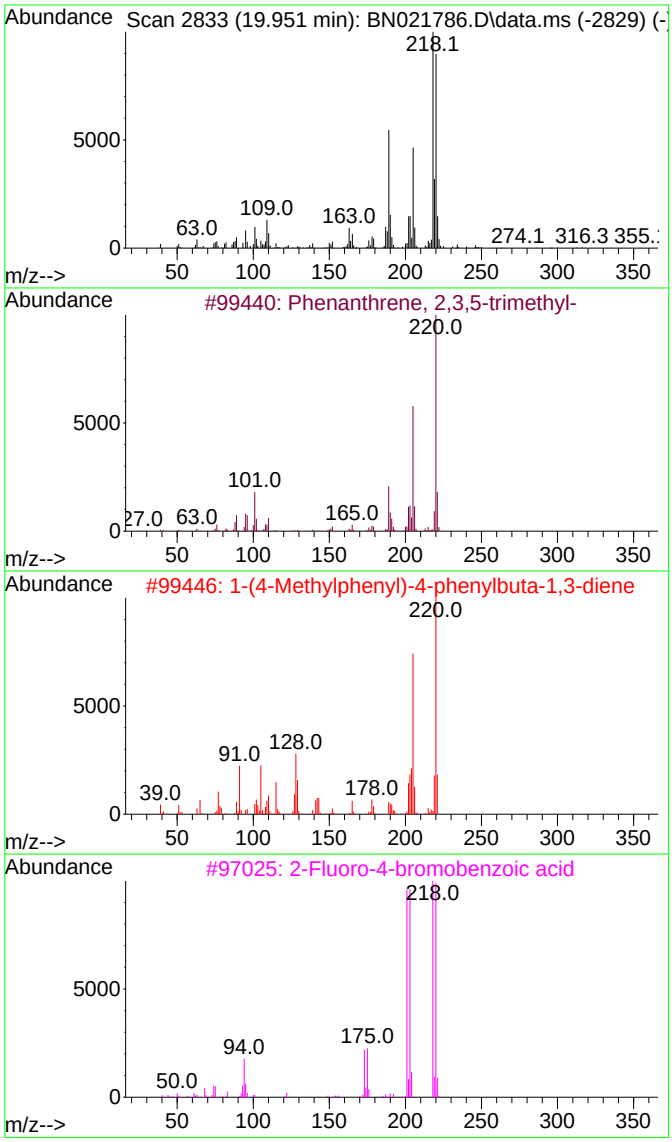
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

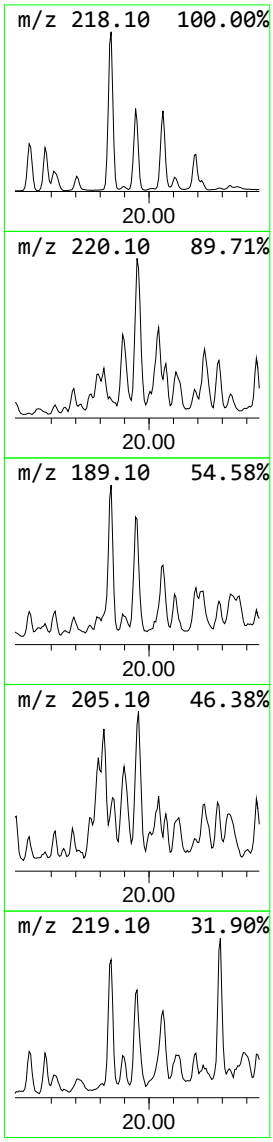
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.951	3.49 ng/ul	853920	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	70
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	70
3	2-Fluoro-4-bromobenzoic acid	218	C7H4BrFO2	1010306-78-4	49
4	Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	46
5	Nickel, (.eta.5-2,4-cyclopentadi...	218	C12H16Ni	079704-72-6	46





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Operator : CG/JU
Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5757

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

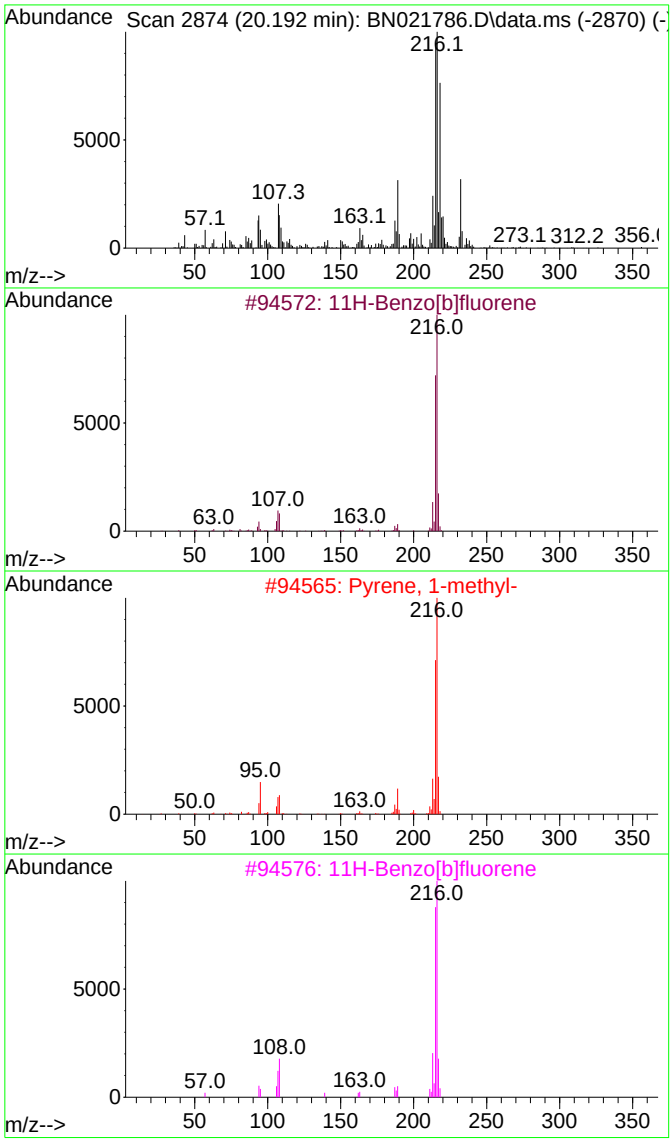
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

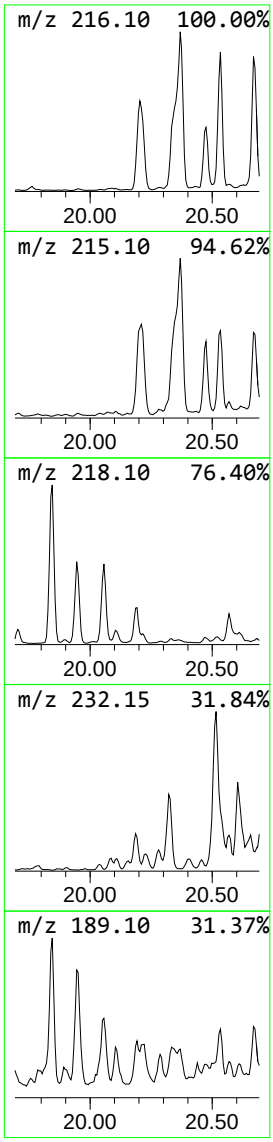
****

Peak Number 53 11H-Benzo[b]fluorene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.192	5.88 ng/ul	1437680	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	55
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	52
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	52





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Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5757

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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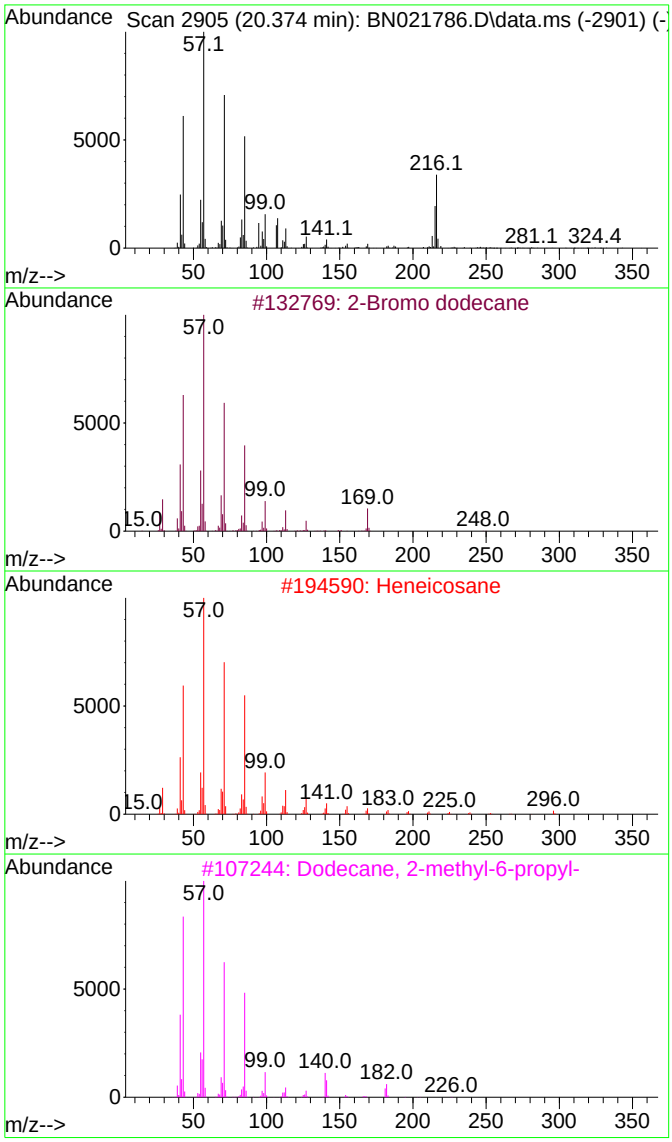
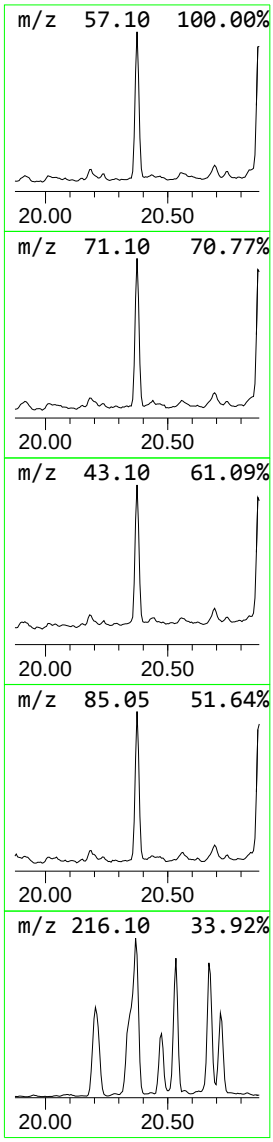
Peak Number 55 2-Bromo dodecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.374	7.23 ng/ul	1768460	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	78
2	Heneicosane	296	C21H44	000629-94-7	53
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	53
4	Tetracosane	338	C24H50	000646-31-1	53
5	Tricosane	324	C23H48	000638-67-5	50





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Acq On : 16 Sep 2022 13:27
Operator : CG/JU
Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5757

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

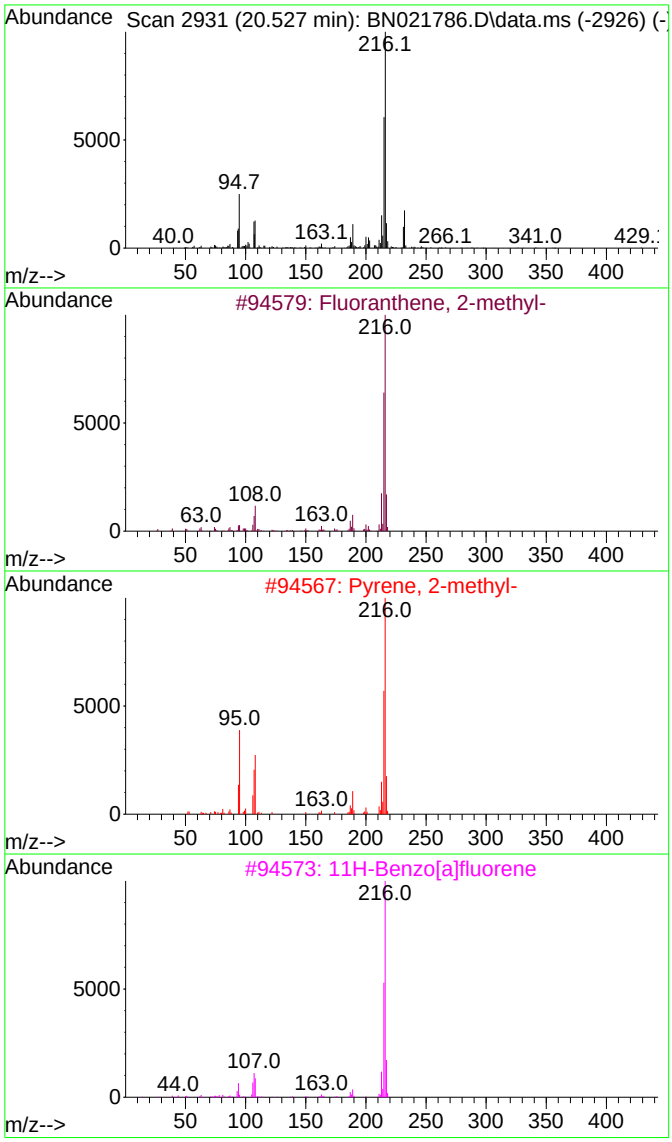
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

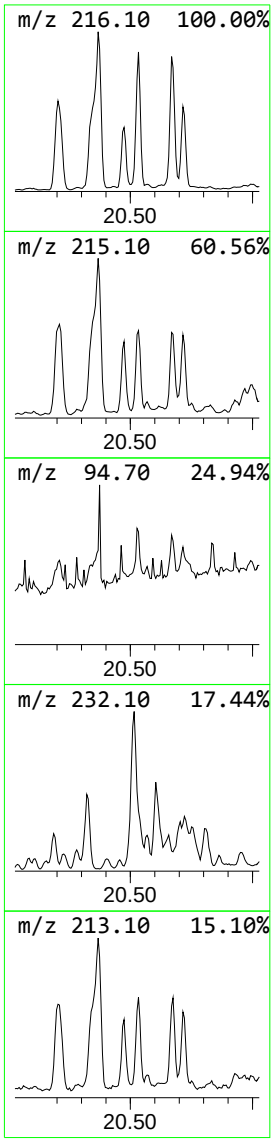
****

Peak Number 56 Fluoranthene, 2-methyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.527	3.18 ng/ul	777826	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70





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Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5757

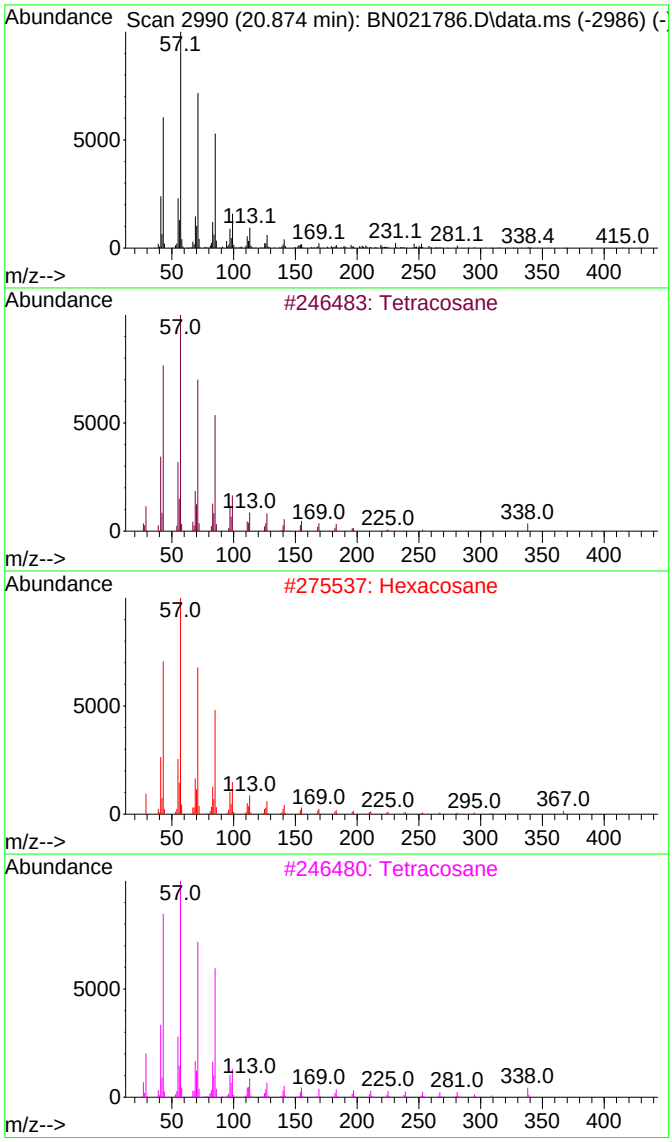
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

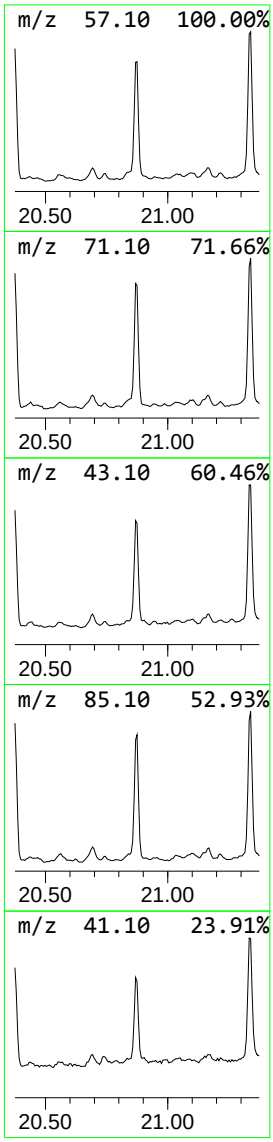
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.874	3.91 ng/ul	955820	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87
5	Heneicosane	296	C21H44	000629-94-7	87





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Data File : BN021786.D
Acq On : 16 Sep 2022 13:27
Operator : CG/JU
Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5757

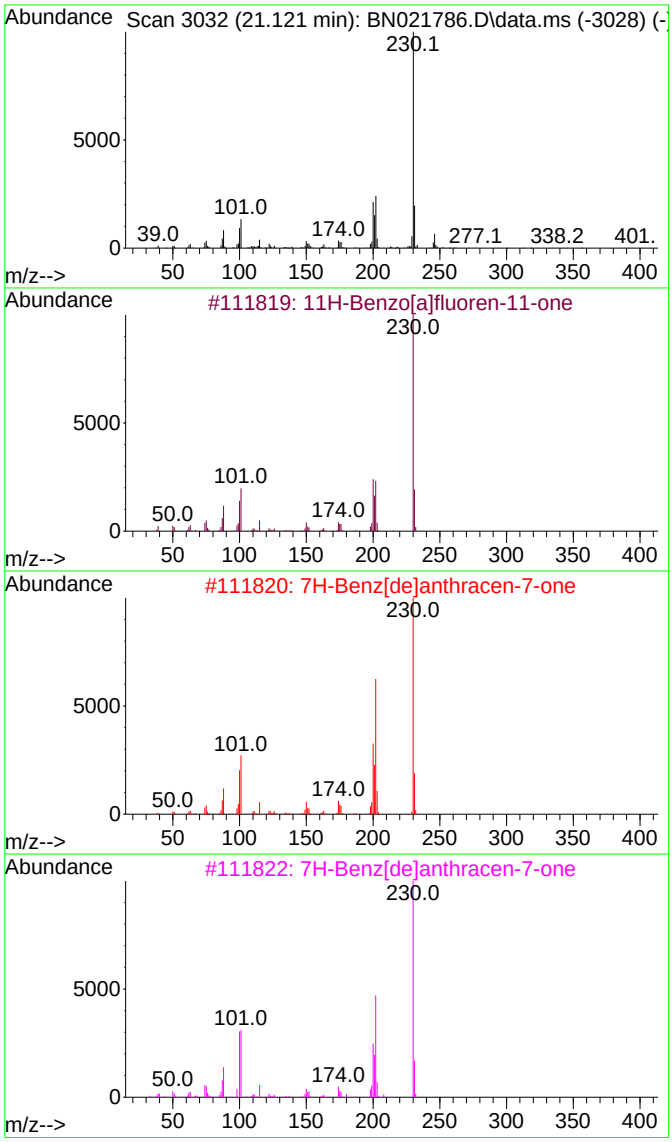
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

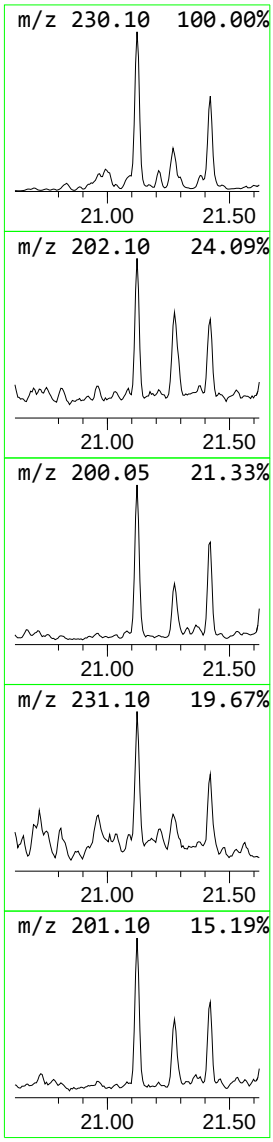
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 11H-Benzo[a]fluoren-11-one Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.121	4.81 ng/ul	1176050	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81





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Data File : BN021786.D
Acq On : 16 Sep 2022 13:27
Operator : CG/JU
Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5757

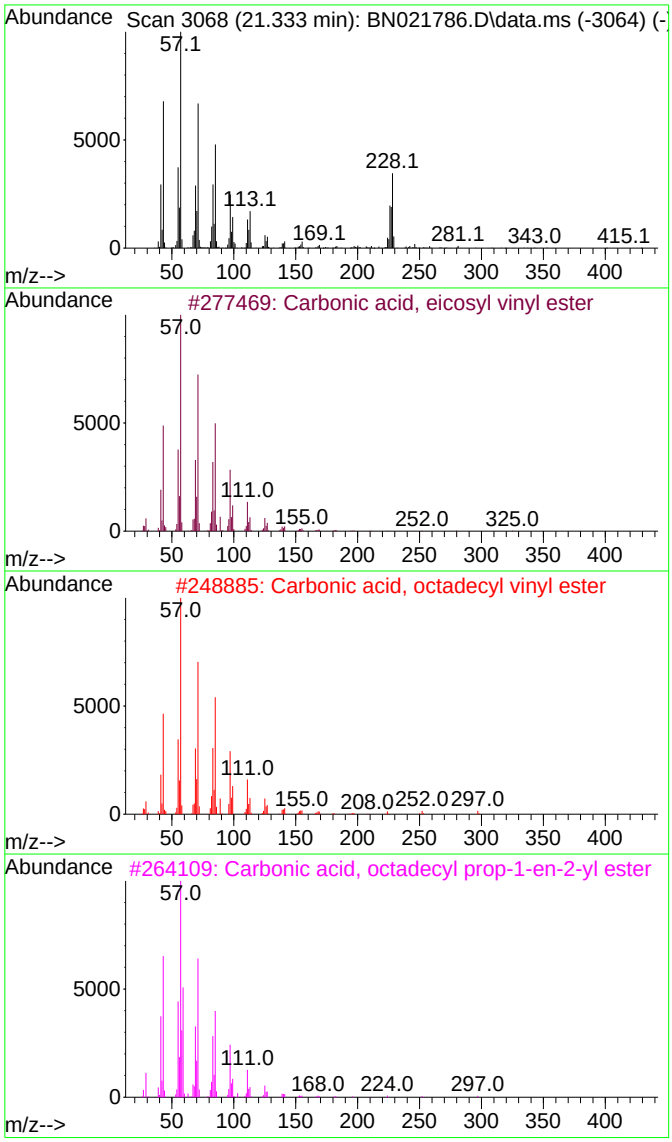
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

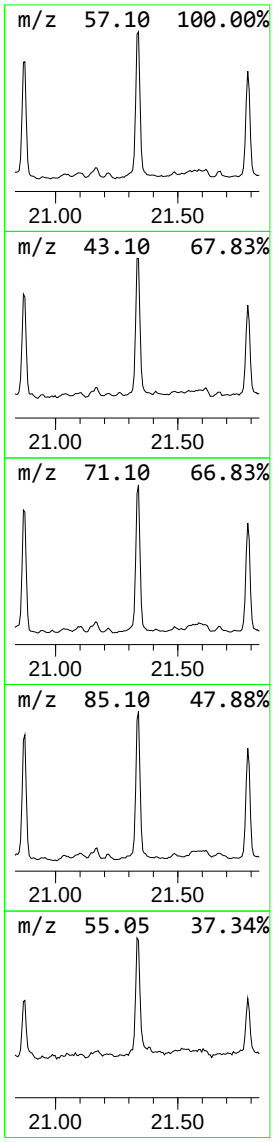
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 Carbonic acid, octadecyl vi... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.333	7.36 ng/ul	1800170	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	64
2	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	64
3	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	64
4	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	64
5	Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	58





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Data File : BN021786.D
Acq On : 16 Sep 2022 13:27
Operator : CG/JU
Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5757

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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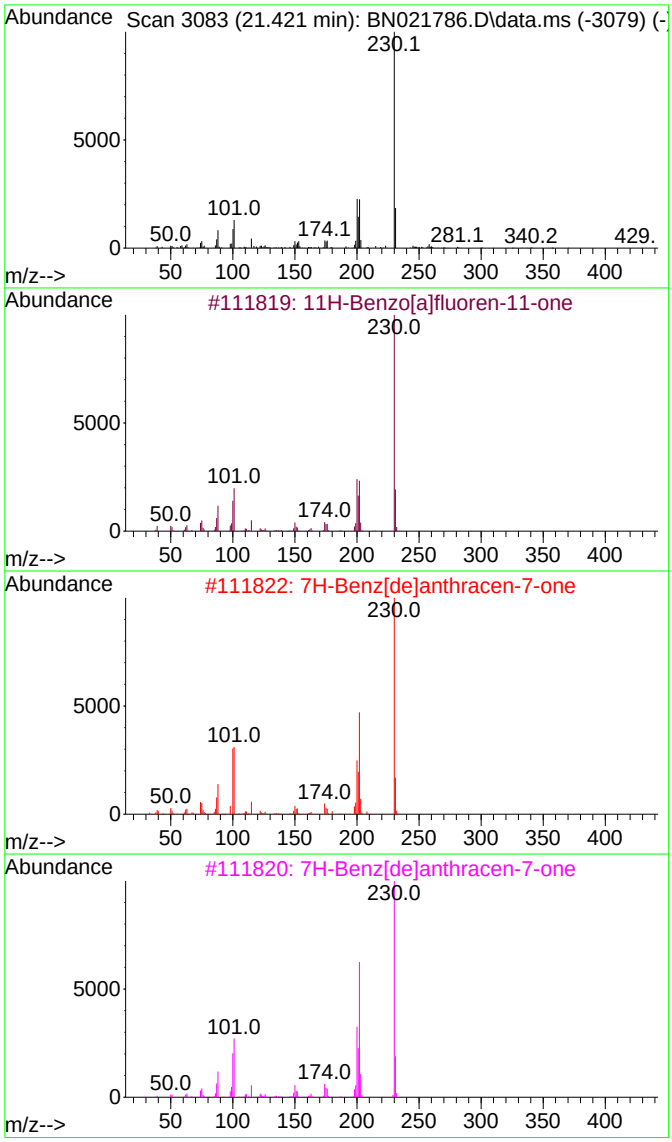
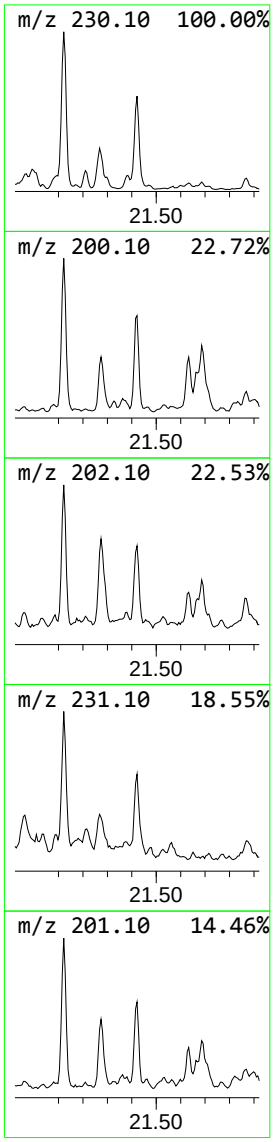
Peak Number 61 7H-Benz[de]anthracen-7-one Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.421	3.50 ng/ul	857271	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	81
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78





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Acq On : 16 Sep 2022 13:27
Operator : CG/JU
Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5757

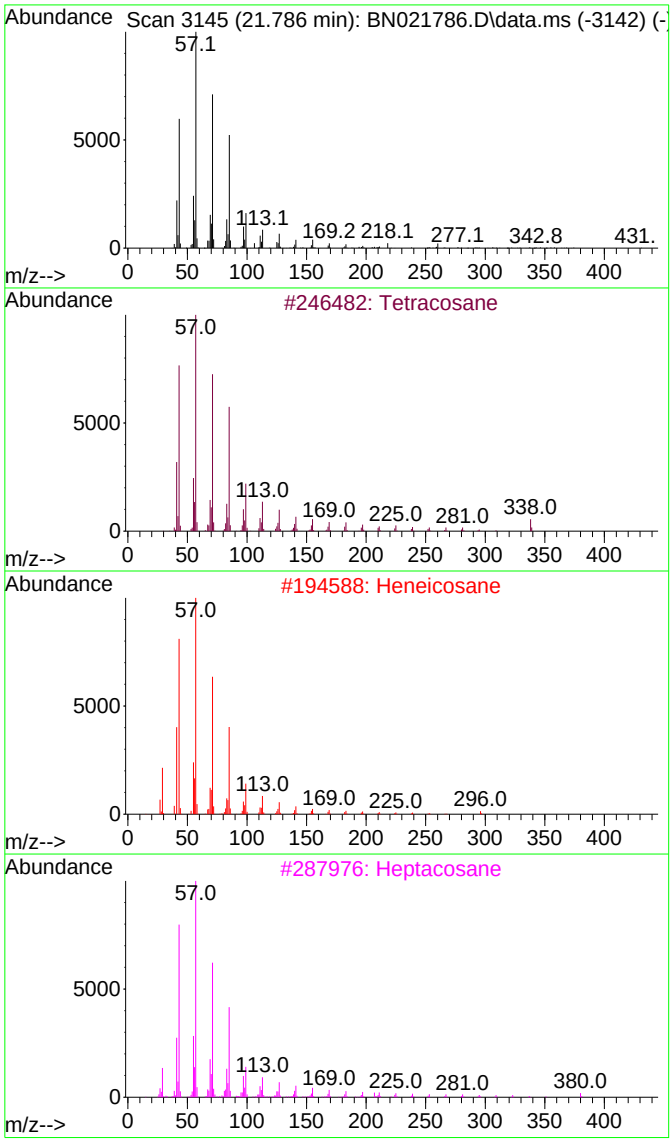
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

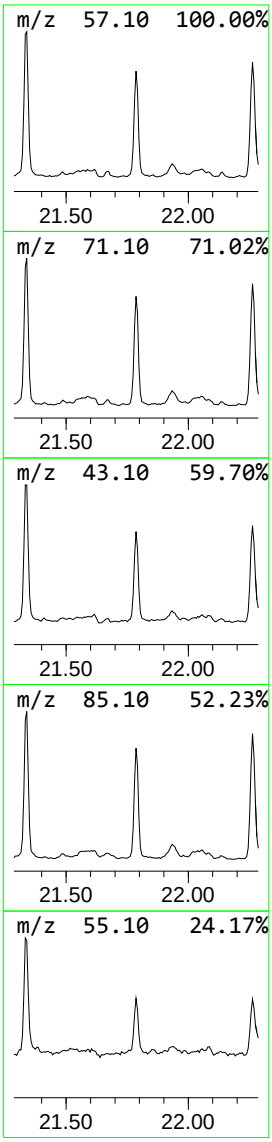
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.786	2.36 ng/ul	577650	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	91
5	Hexacosane	366	C26H54	000630-01-3	91





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Data File : BN021786.D
Acq On : 16 Sep 2022 13:27
Operator : CG/JU
Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5757

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

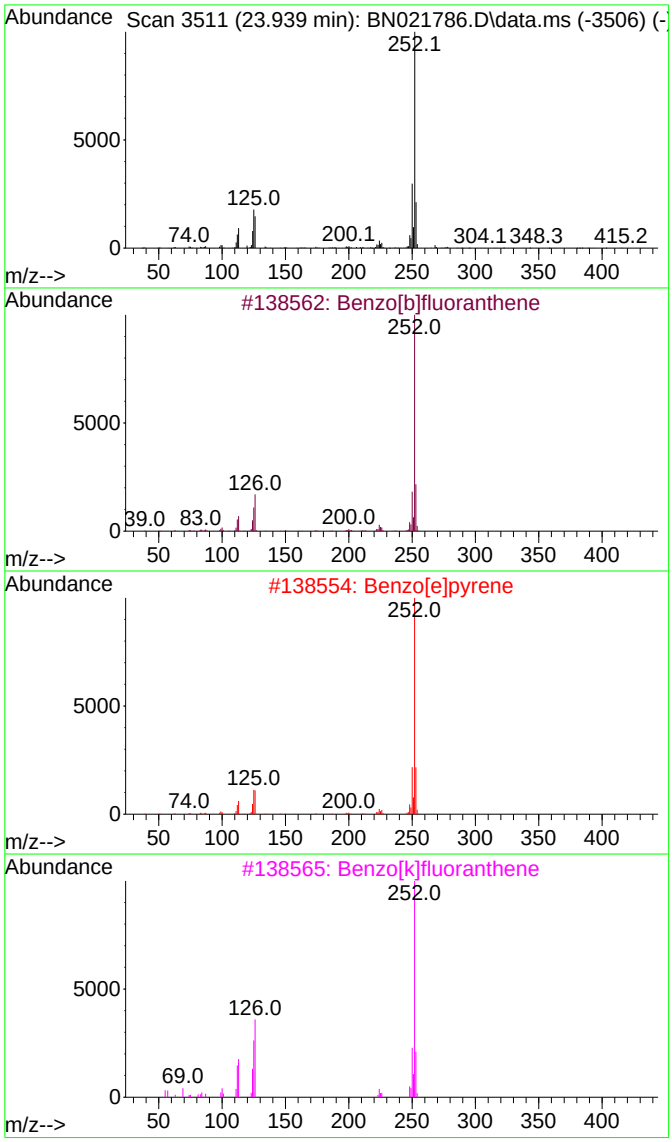
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

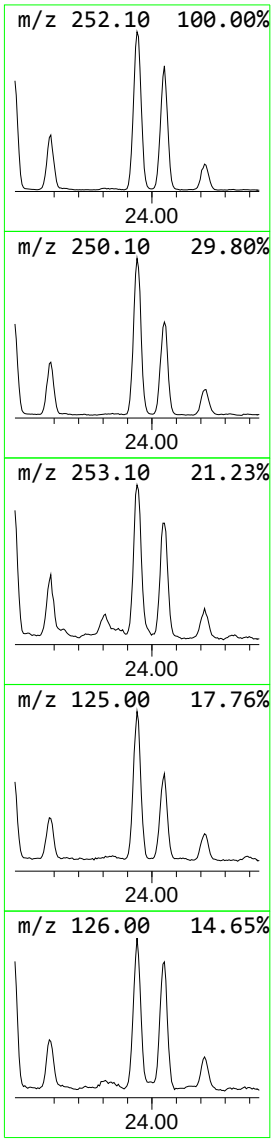
****

Peak Number 63 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.939	30.67 ng/ul	1977950	Perylene-d12	24.162

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Perylene	252	C20H12	000198-55-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
Data File : BN021786.D
Acq On : 16 Sep 2022 13:27
Operator : CG/JU
Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5757

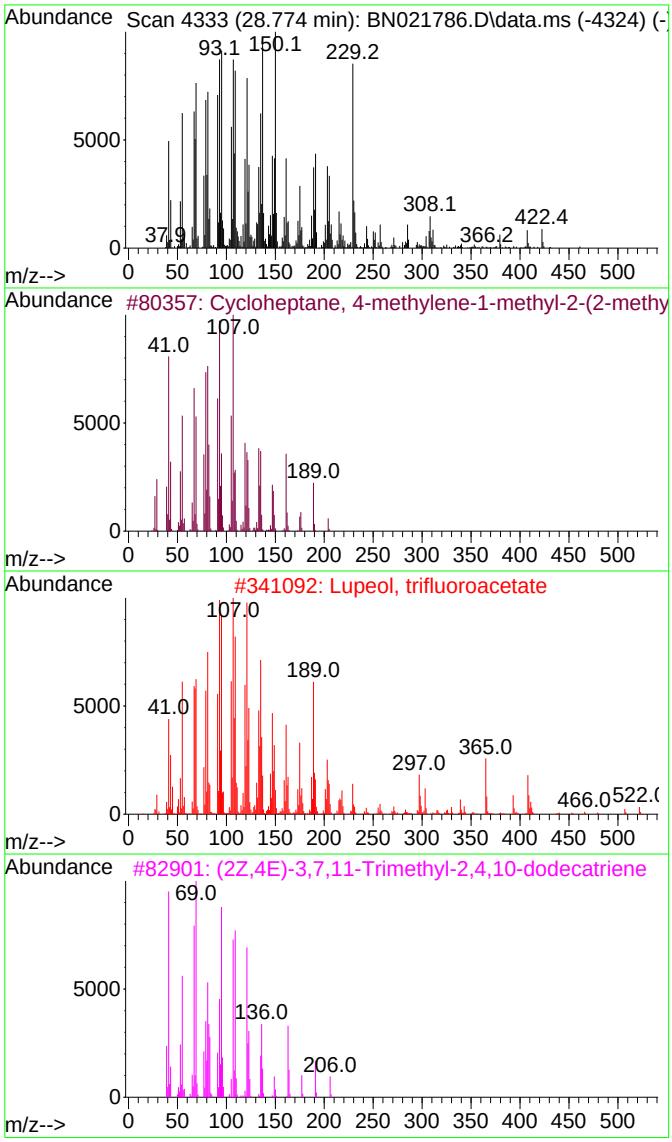
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

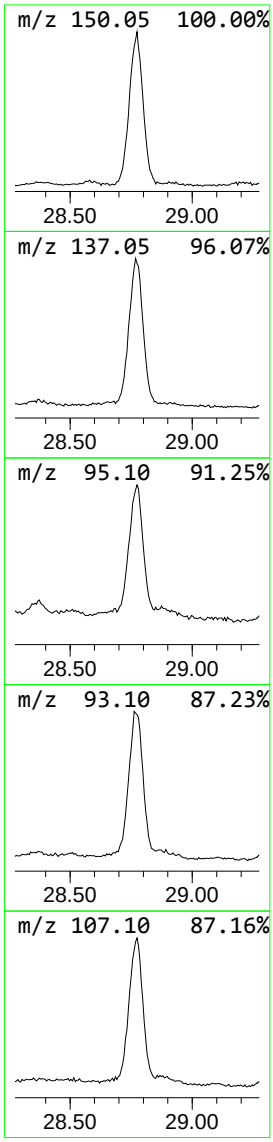
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 Cycloheptane, 4-methylene-1... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.774	51.34 ng/ul	3310840	Perylene-d12	24.162

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane, 4-methylene-1-meth...	204	C15H24	1010159-38-5	90
2	Lupeol, trifluoroacetate	522	C32H49F3O2	1000394-56-7	50
3	(2Z,4E)-3,7,11-Trimethyl-2,4,10-...	206	C15H26	172549-29-0	50
4	Butyramide, 3-(2-furyl)-N-phenyl-	229	C14H15NO2	1000156-94-9	45
5	Cyclopentanol, 3-methyl-2-(2-pen...	168	C11H20O	137303-64-1	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
Data File : BN021786.D
Acq On : 16 Sep 2022 13:27
Operator : CG/JU
Sample : N4601-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5757

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-di...	5.640	4.4	ng/ul	296769	1	8.046	1354530	20.0
p-Xylene	6.016	7.7	ng/ul	522247	1	8.046	1354530	20.0
Benzene, (1-met...	6.505	4.3	ng/ul	292825	1	8.046	1354530	20.0
Mesitylene	7.687	5.2	ng/ul	349346	1	8.046	1354530	20.0
Indene	8.599	4.5	ng/ul	304843	1	8.046	1354530	20.0
Aceto phenone	8.881	4.6	ng/ul	312394	1	8.046	1354530	20.0
(DEL) Alkane: S...	9.275	5.9	ng/ul	402097	1	8.046	1354530	20.0
Ethanol, 2-(2-b...	10.646	8.5	ng/ul	934462	2	10.875	2196530	20.0
(DEL) Alkane: S...	11.893	7.2	ng/ul	787269	2	10.875	2196530	20.0
(DEL) Alkane: S...	12.287	6.1	ng/ul	671409	2	10.875	2196530	20.0
(DEL) Alkane: S...	13.234	3.1	ng/ul	532519	3	14.704	3433590	20.0
(DEL) Alkane: S...	13.522	7.3	ng/ul	1259430	3	14.704	3433590	20.0
Naphthalene, 2,...	14.028	9.0	ng/ul	1547790	3	14.704	3433590	20.0
Carbonic acid, ...	14.175	4.6	ng/ul	784312	3	14.704	3433590	20.0
Naphthalene, 1,...	14.263	4.5	ng/ul	768405	3	14.704	3433590	20.0
(DEL) Alkane: S...	14.586	4.7	ng/ul	808275	3	14.704	3433590	20.0
Dibenzo furan	15.098	8.8	ng/ul	1515190	3	14.704	3433590	20.0
Naphthalene, 2,...	15.486	6.2	ng/ul	1058130	3	14.704	3433590	20.0
(DEL) Alkane: S...	15.534	6.1	ng/ul	1040470	3	14.704	3433590	20.0
(DEL) Alkane: S...	15.945	5.2	ng/ul	898805	3	14.704	3433590	20.0
9H-Fluoren-3-ol	16.045	6.3	ng/ul	1089640	3	14.704	3433590	20.0
9H-Fluoren-9-ol	16.192	7.7	ng/ul	1223580	4	17.457	3184550	20.0
(DEL) Alkane: S...	16.422	23.5	ng/ul	3738570	4	17.457	3184550	20.0
3-Isopropyl- 1-...	16.986	6.6	ng/ul	1044120	4	17.457	3184550	20.0
9H-Fluoren-9-one	17.110	6.1	ng/ul	969874	4	17.457	3184550	20.0
(DEL) Alkane: S...	17.192	9.3	ng/ul	1488310	4	17.457	3184550	20.0
(DEL) Alkane: S...	17.245	2.1	ng/ul	338253	4	17.457	3184550	20.0
(DEL) Alkane: S...	17.939	7.2	ng/ul	1143890	4	17.457	3184550	20.0
Phenanthrene, 2...	18.339	7.7	ng/ul	1225080	4	17.457	3184550	20.0
Anthracene, 1-m...	18.380	11.3	ng/ul	1797280	4	17.457	3184550	20.0
1H-Cyclopropa[l...	18.522	9.6	ng/ul	1531210	4	17.457	3184550	20.0
Anthracene, 2-m...	18.569	5.8	ng/ul	914981	4	17.457	3184550	20.0
(DEL) Alkane: S...	18.633	8.9	ng/ul	1410720	4	17.457	3184550	20.0
(DEL) Alkane: S...	19.263	15.1	ng/ul	2407090	4	17.457	3184550	20.0
Cyclopenta(def)...	19.392	7.5	ng/ul	1198810	4	17.457	3184550	20.0
Phenanthrene, 2...	19.951	3.5	ng/ul	853920	5	21.651	4891750	20.0
11H-Benzo[b]flu...	20.192	5.9	ng/ul	1437680	5	21.651	4891750	20.0
2-Bromo dodecane	20.374	7.2	ng/ul	1768460	5	21.651	4891750	20.0
Fluoranthene, 2...	20.527	3.2	ng/ul	777826	5	21.651	4891750	20.0
(DEL) Alkane: S...	20.874	3.9	ng/ul	955820	5	21.651	4891750	20.0
11H-Benzo[a]flu...	21.121	4.8	ng/ul	1176050	5	21.651	4891750	20.0
Carbonic acid, ...	21.333	7.4	ng/ul	1800170	5	21.651	4891750	20.0
7H-Benz[de]anth...	21.421	3.5	ng/ul	857271	5	21.651	4891750	20.0
(DEL) Alkane: S...	21.786	2.4	ng/ul	577650	5	21.651	4891750	20.0
Benzo[e]pyrene	23.939	30.7	ng/ul	1977950	6	24.162	1289690	20.0
Cycloheptane, 4...	28.774	51.3	ng/ul	3310840	6	24.162	1289690	20.0