LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
Data File : BN021787.D
Acq On : 16 Sep 2022 14:03
Operator : CG/JU
Sample : N4601-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5752

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: BN021787.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.034	121	127	136	rVB	44293	75195	1.91%	0.130%
2	5.181	317	322	328	rVV2	35123	60501	1.53%	0.104%
3	5.640	394	400	407	rBV	33903	62240	1.58%	0.107%
4	6.022	457	465	469	rVV2	60831	101347	2.57%	0.175%
5	7.199	655	665	673	rBV	536282	978881	24.81%	1.689%
6	7.369	687	694	700	rVV	552583	873893	22.15%	1.508%
7	7.569	722	728	737	rVV	580652	970779	24.61%	1.675%
8	7.652	737	742	745	rVV	42325	67403	1.71%	0.116%
9	7.687	745	748	757	rVB	39643	60817	1.54%	0.105%
10	8.046	798	809	816	rVV	650775	1123035	28.47%	1.938%
11	8.763	924	931	943	rVV	608548	1004096	25.45%	1.733%
12	8.887	943	952	957	rVV	41458	81440	2.06%	0.141%
13	9.222	1002	1009	1015	rVV	621506	1054789	26.74%	1.820%
14	9.275	1015	1018	1023	rVB	50671	75603	1.92%	0.130%
15	9.405	1030	1040	1049	rBV9	16984	59014	1.50%	0.102%
16	9.952	1123	1133	1144	rBV	517416	890952	22.58%	1.538%
17	10.281	1182	1189	1201	rBV9	24441	65696	1.67%	0.113%
18	10.493	1219	1225	1233	rVB	712200	1214245	30.78%	2.096%
19	10.646	1245	1251	1261	rBV	345333	572365	14.51%	0.988%
20	10.840	1278	1284	1285	rVV	71016	101839	2.58%	0.176%
21	10.881	1285	1291	1296	rVV	942129	1683293	42.67%	2.905%
22	10.928	1296	1299	1306	rVV	110617	183368	4.65%	0.316%
23	11.016	1306	1314	1324	rVV2	385096	707647	17.94%	1.221%
24	11.787	1437	1445	1452	rBV3	38483	71516	1.81%	0.123%
25	11.893	1458	1463	1468	rBV	115440	166856	4.23%	0.288%
26	12.287	1524	1530	1535	rBV	95647	144056	3.65%	0.249%
27	12.540	1567	1573	1580	rVB	191579	319891	8.11%	0.552%
28	12.757	1604	1610	1617	rBV	181668	284952	7.22%	0.492%
29	12.981	1640	1648	1657	rBV7	19908	61690	1.56%	0.106%
30	13.234	1685	1691	1698	rVB	88517	140624	3.56%	0.243%
31	13.516	1734	1739	1748	rBV2	147166	285300	7.23%	0.492%
32	13.869	1793	1799	1800	rBV	66804	93457	2.37%	0.161%
33	14.028	1820	1826	1831	rVV	178664	317381	8.05%	0.548%
34	14.081	1831	1835	1836	rVV	157394	201893	5.12%	0.348%
35	14.110	1836	1840	1846	rVV	1442145	2085189	52.86%	3.599%
36	14.175	1846	1851	1855	rVV	147411	213893	5.42%	0.369%

LSC Area Percent Report

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Acq On : 16 Sep 2022 14:03
Operator : CG/JU
Sample : N4601-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5752

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	14.263	1861	1866	1869	rVV	102667	144635	3.67%	0.250%
38	14.293	1869	1871	1876	rVB3	50278	68193	1.73%	0.118%
39	14.398	1883	1889	1903	rVB	1652313	2669503	67.67%	4.607%
40	14.587	1916	1921	1929	rVB	147346	198313	5.03%	0.342%
41	14.704	1930	1941	1947	rBV	1464127	2387988	60.53%	4.121%
42	14.787	1952	1955	1959	rVB2	49919	66677	1.69%	0.115%
43	14.904	1969	1975	1984	rBV2	235765	426539	10.81%	0.736%
44	14.998	1984	1991	1998	rBV6	28909	70347	1.78%	0.121%
45	15.098	2003	2008	2015	rVB2	146321	240896	6.11%	0.416%
46	15.175	2016	2021	2024	rBV	68097	95372	2.42%	0.165%
47	15.316	2041	2045	2050	rBV	93367	156041	3.96%	0.269%
48	15.369	2050	2054	2059	rVB	69653	99517	2.52%	0.172%
49	15.487	2068	2074	2078	rBV3	124987	224947	5.70%	0.388%
50	15.534	2078	2082	2087	rVB2	172578	251805	6.38%	0.435%
51	15.698	2102	2110	2115	rVV	2091840	3114356	78.94%	5.375%
52	15.740	2115	2117	2121	rVB	120789	125550	3.18%	0.217%
53	15.810	2121	2129	2135	rBV	497374	720441	18.26%	1.243%
54	15.940	2147	2151	2161	rVB5	119970	238941	6.06%	0.412%
55	16.045	2161	2169	2174	rBV2	114041	209474	5.31%	0.362%
56	16.192	2190	2194	2201	rVB	93072	166213	4.21%	0.287%
57	16.422	2225	2233	2239	rVV	498489	950105	24.08%	1.640%
58	16.557	2252	2256	2261	rBV3	39084	65081	1.65%	0.112%
59	16.751	2280	2289	2295	rBV7	39578	124550	3.16%	0.215%
60	16.987	2323	2329	2333	rBV3	124503	258059	6.54%	0.445%
61	17.110	2345	2350	2356	rBV2	96967	185282	4.70%	0.320%
62	17.192	2358	2364	2369	rVV2	248902	359762	9.12%	0.621%
63	17.245	2369	2373	2376	rBV3	61547	90056	2.28%	0.155%
64	17.457	2402	2409	2413	rBV	1721262	2546312	64.55%	4.394%
65	17.498	2413	2416	2420	rVV	371813	495954	12.57%	0.856%
66	17.557	2420	2426	2435	rVB2	2142033	3246619	82.30%	5.603%
67	17.639	2436	2440	2445	rBV4	46139	87922	2.23%	0.152%
68	17.734	2452	2456	2458	rBV3	42993	70953	1.80%	0.122%
69	17.769	2459	2462	2467	rVB4	74712	112500	2.85%	0.194%
70	17.863	2474	2478	2481	rBV3	49033	75311	1.91%	0.130%
71	17.939	2487	2491	2495	rVB2	254562	313631	7.95%	0.541%
72	18.116	2517	2521	2528	rBV2	177165	254168	6.44%	0.439%
73	18.334	2554	2558	2562	rBV	211126	327059	8.29%	0.564%
74	18.381	2562	2566	2571	rVB	315023	469593	11.90%	0.810%
75	18.522	2586	2590	2594	rBV	204146	293259	7.43%	0.506%
76	18.569	2594	2598	2602	rVB	151559	221188	5.61%	0.382%

LSC Area Percent Report

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Acq On : 16 Sep 2022 14:03
Operator : CG/JU
Sample : N4601-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5752

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	18.633	2605	2609	2614	rVB	250722	320965	8.14%	0.554%
78	18.833	2639	2643	2647	rBV2	140809	191019	4.84%	0.330%
79	18.875	2648	2650	2656	rVB4	58518	84985	2.15%	0.147%
80	19.081	2682	2685	2689	rBV4	79204	92974	2.36%	0.160%
81	19.128	2690	2693	2697	rBV	76076	102958	2.61%	0.178%
82	19.263	2709	2716	2718	rBV2	370638	664066	16.83%	1.146%
83	19.292	2718	2721	2726	rVV3	236812	377785	9.58%	0.652%
84	19.339	2727	2729	2733	rVB	123790	141326	3.58%	0.244%
85	19.392	2734	2738	2746	rBV4	129197	306478	7.77%	0.529%
86	19.516	2754	2759	2764	rVB	647954	883857	22.40%	1.525%
87	19.575	2767	2769	2772	rVB	63770	65815	1.67%	0.114%
88	19.851	2810	2816	2820	rBV	2601263	3944992	100.00%	6.808%
89	19.951	2829	2833	2838	rVB2	156513	238914	6.06%	0.412%
90	20.192	2870	2874	2877	rBV3	121751	222889	5.65%	0.385%
91	20.375	2902	2905	2913	rVB3	345818	456656	11.58%	0.788%
92	20.675	2953	2956	2959	rBV	90689	137640	3.49%	0.238%
93	20.875	2986	2990	2993	rBV	231603	275581	6.99%	0.476%
94	21.122	3029	3032	3038	rBV	224161	283234	7.18%	0.489%
95	21.333	3064	3068	3073	rBV2	895660	1258682	31.91%	2.172%
96	21.645	3115	3121	3126	rBV2	1682164	2718613	68.91%	4.692%
97	21.786	3142	3145	3149	rBV	202769	238567	6.05%	0.412%
98	23.374	3410	3415	3433	rVB2	480686	1782393	45.18%	3.076%
99	23.992	3514	3520	3536	rVB3	1132578	2954420	74.89%	5.099%
100	24.157	3542	3548	3555	rBV2	761068	1521000	38.56%	2.625%

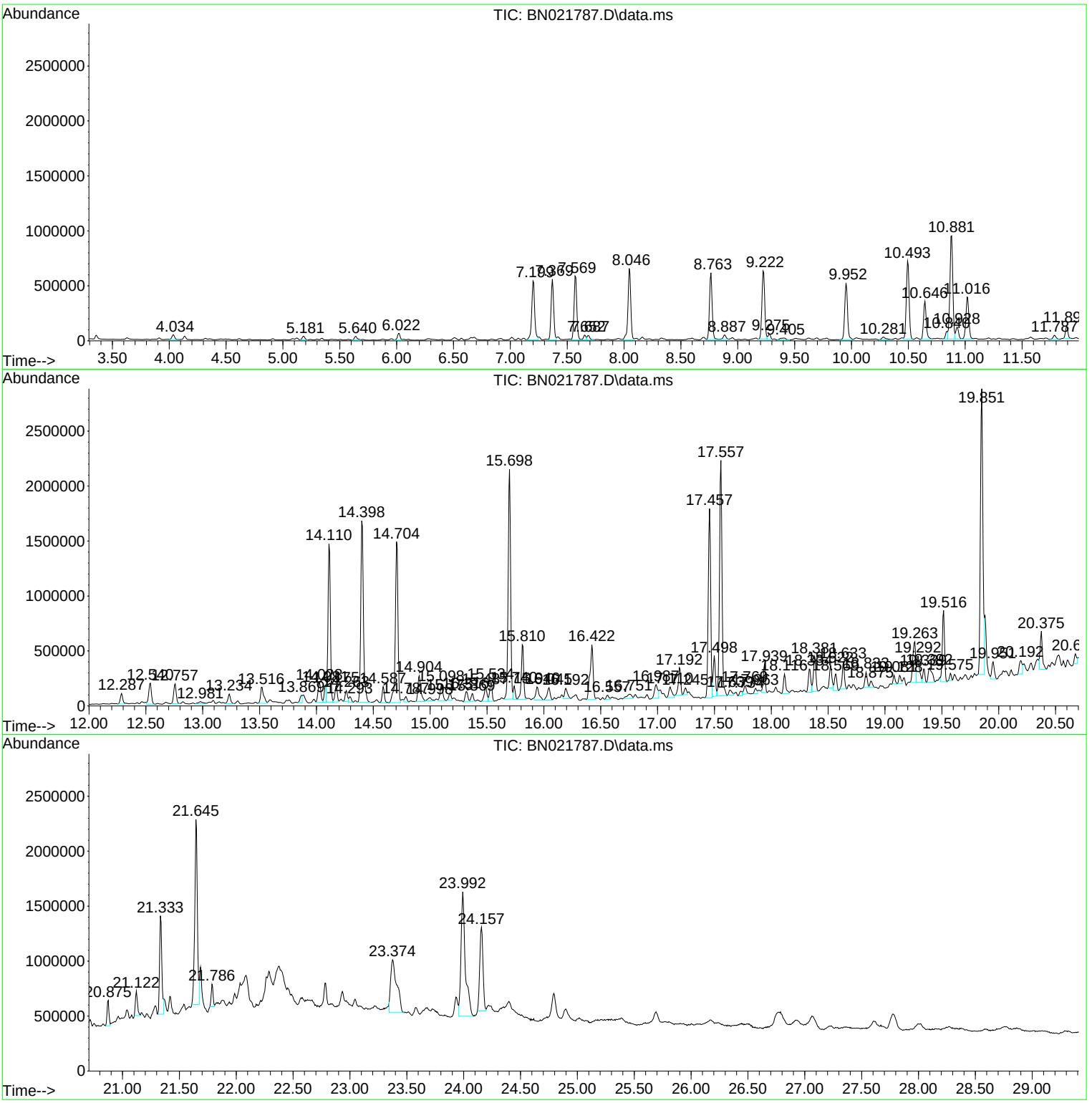
Sum of corrected areas: 57944057

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
Data File : BN021787.D
Acq On : 16 Sep 2022 14:03
Operator : CG/JU
Sample : N4601-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5752

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 : BN021787.D
Acq On : 16 Sep 2022 14:03
Operator : CG/JU
Sample : N4601-11
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ALS Vial : 5 Sample Multiplier: 1

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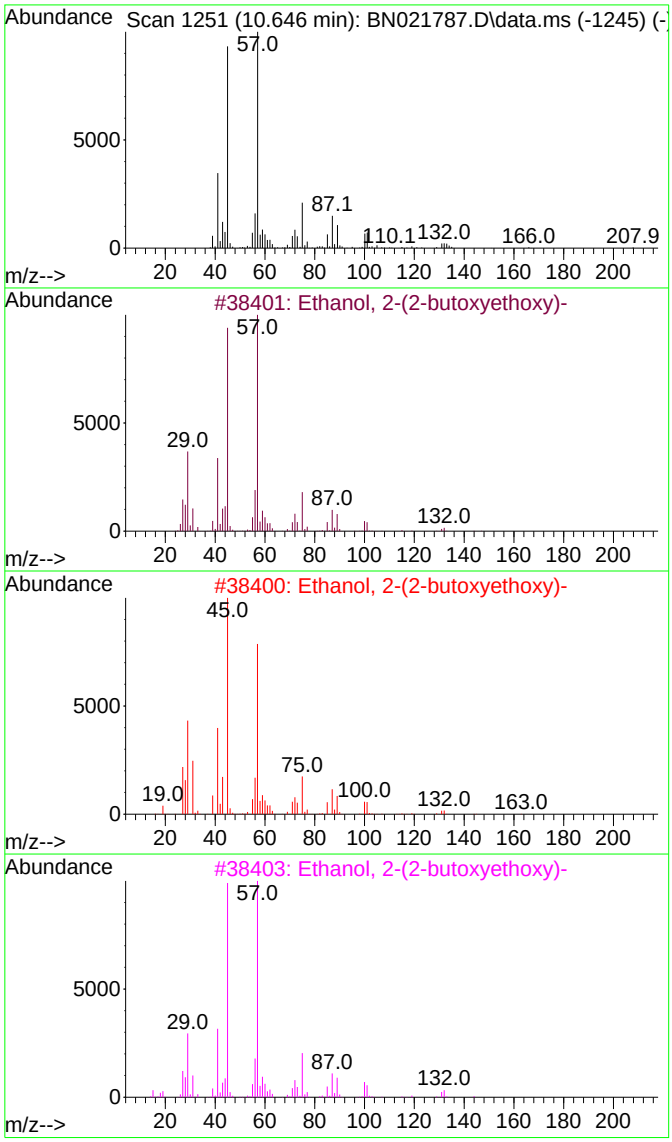
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

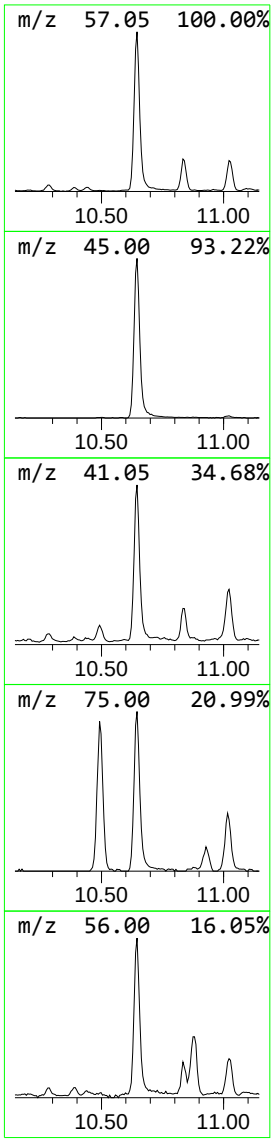
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.646	6.80 ng/ul	572365	Naphthalene-d8	10.881

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	90
4	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
5	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
Data File : BN021787.D
Acq On : 16 Sep 2022 14:03
Operator : CG/JU
Sample : N4601-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

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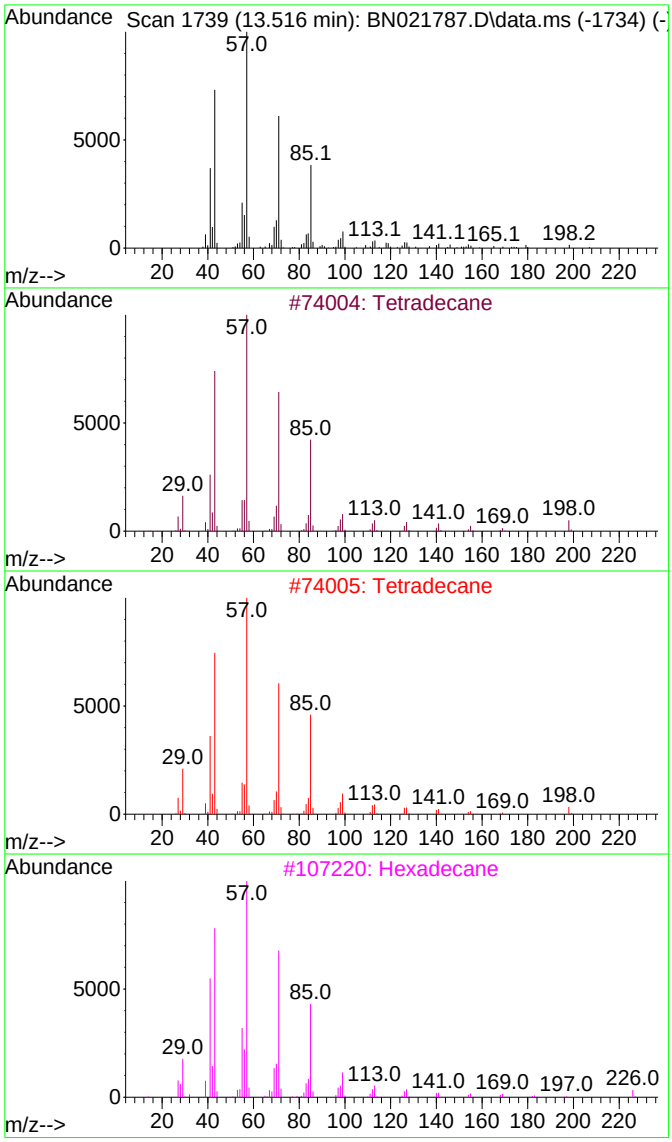
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

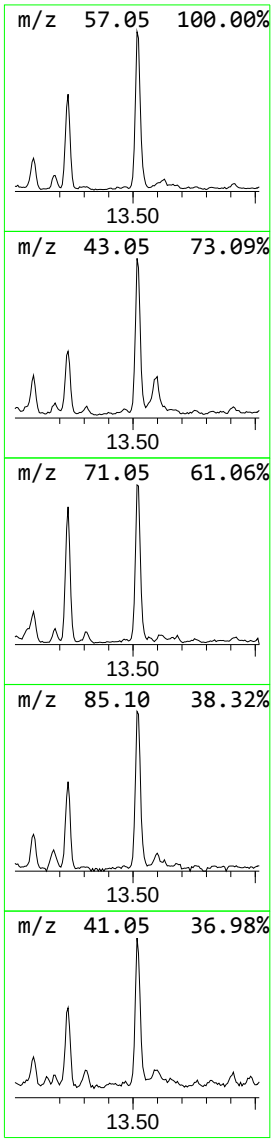
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.516	2.39 ng/ul	285300	Acenaphthene-d10	14.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Tetradecane	198	C14H30	000629-59-4	87
3	Hexadecane	226	C16H34	000544-76-3	87
4	Nonadecane	268	C19H40	000629-92-5	86
5	Tridecane	184	C13H28	000629-50-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
Data File : BN021787.D
Acq On : 16 Sep 2022 14:03
Operator : CG/JU
Sample : N4601-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

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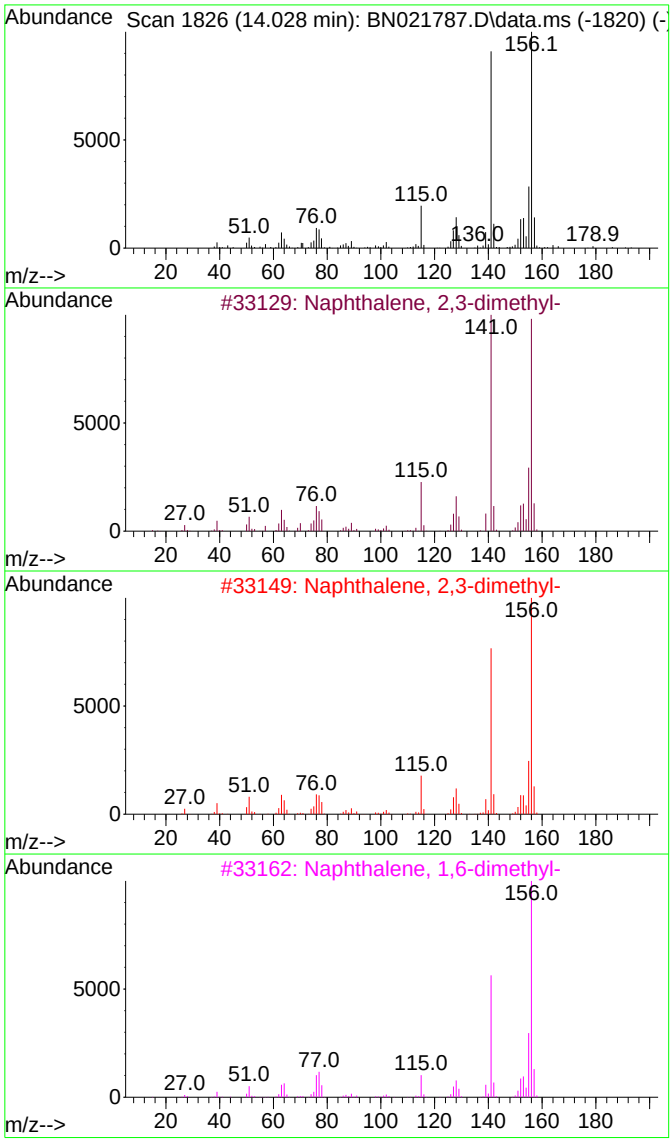
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

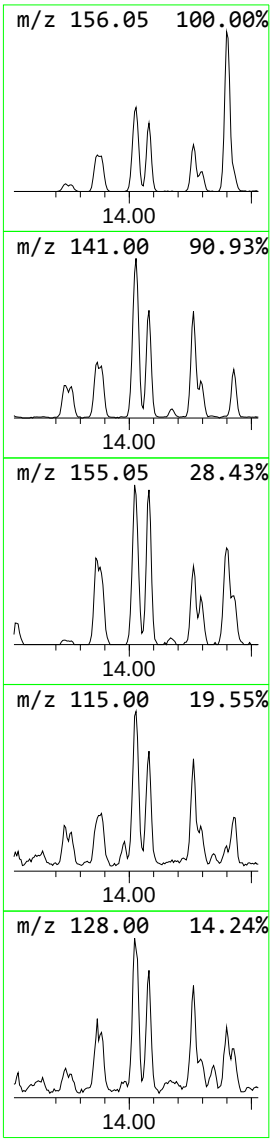
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.028	2.66 ng/ul	317381	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, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
Data File : BN021787.D
Acq On : 16 Sep 2022 14:03
Operator : CG/JU
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5752

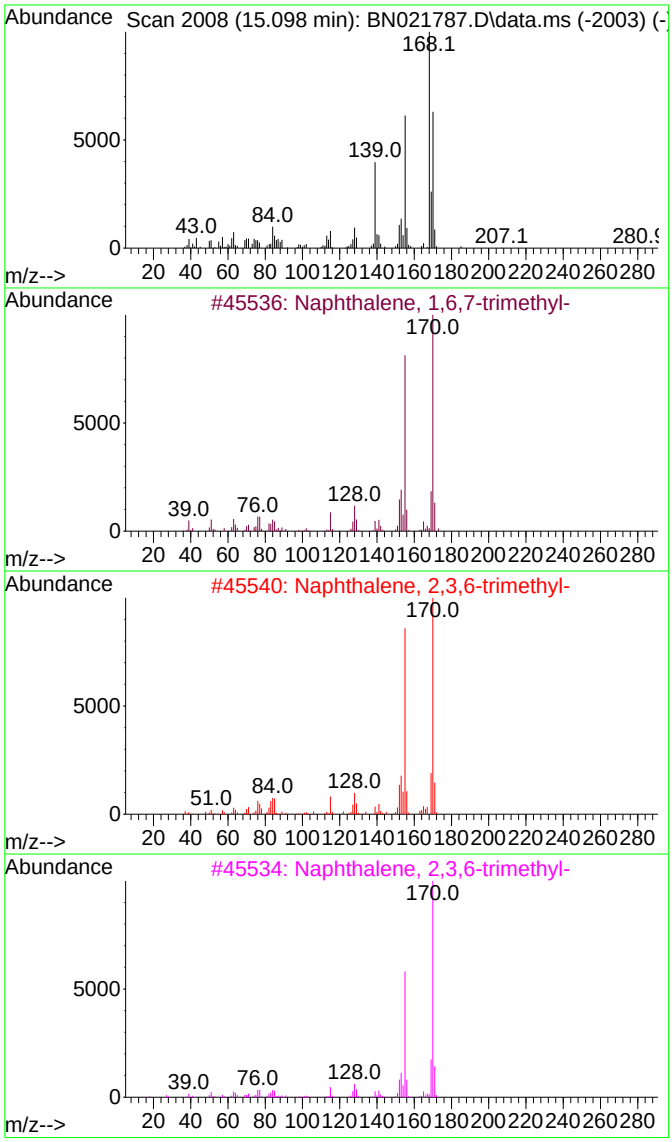
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

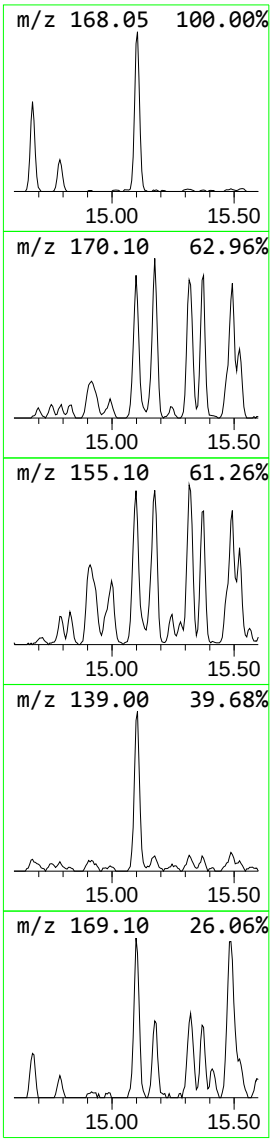
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.098	2.02 ng/ul	240896	Acenaphthene-d10	14.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
Data File : BN021787.D
Acq On : 16 Sep 2022 14:03
Operator : CG/JU
Sample : N4601-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5752

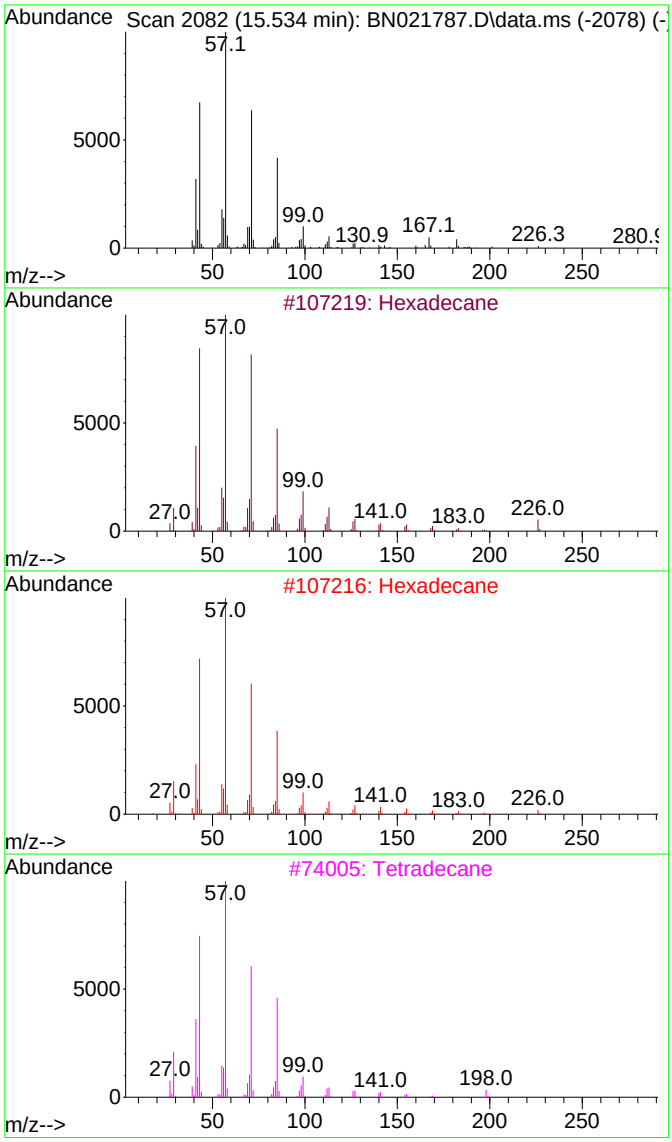
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

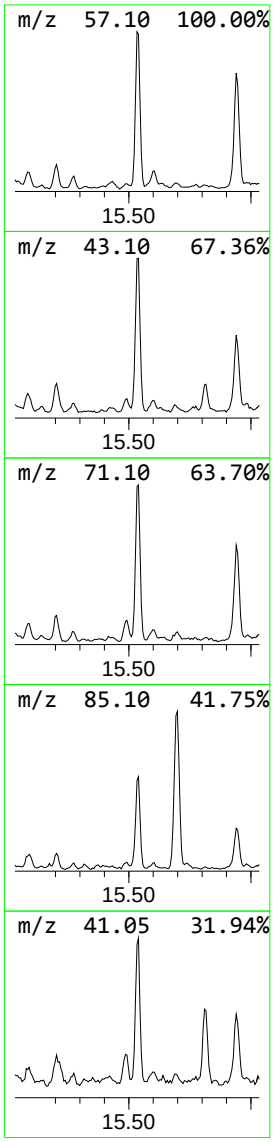
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.534	2.11 ng/ul	251805	Acenaphthene-d10	14.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





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Acq On : 16 Sep 2022 14:03
Operator : CG/JU
Sample : N4601-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5752

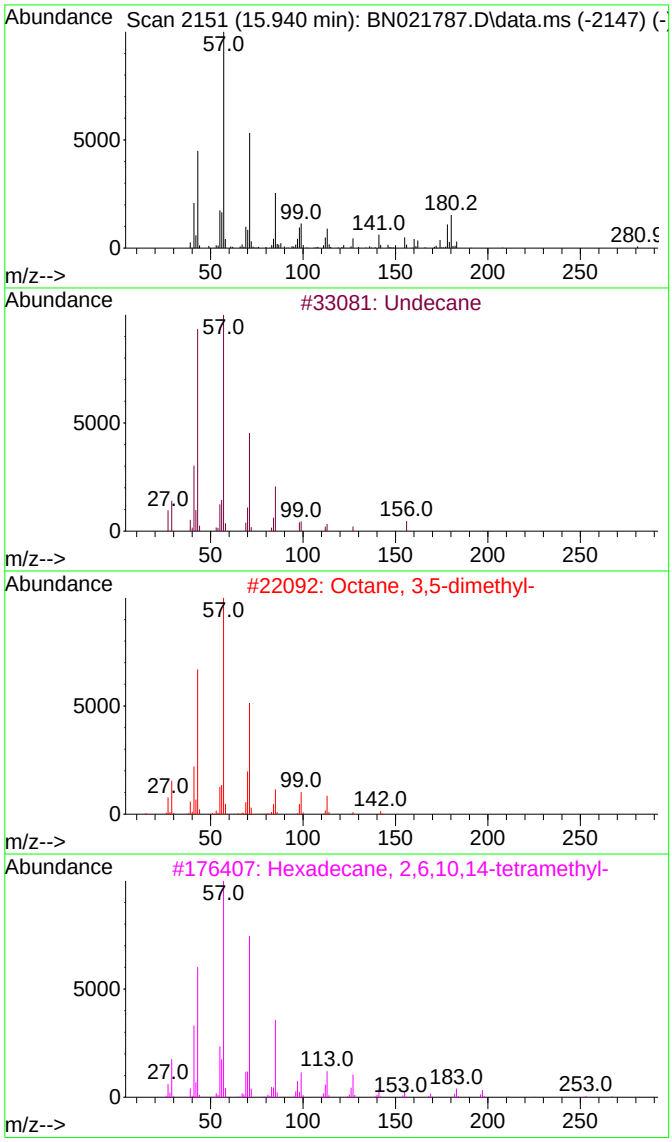
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

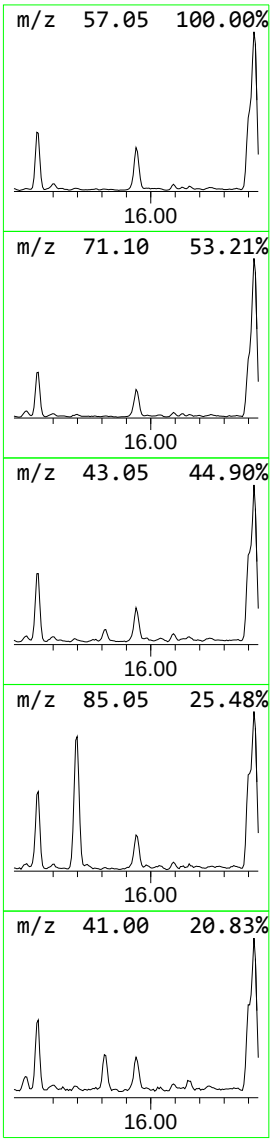
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.940	2.00 ng/ul	238941	Acenaphthene-d10	14.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	68
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	52
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	52
5	Hexadecane	226	C16H34	000544-76-3	52





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Operator : CG/JU
Sample : N4601-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

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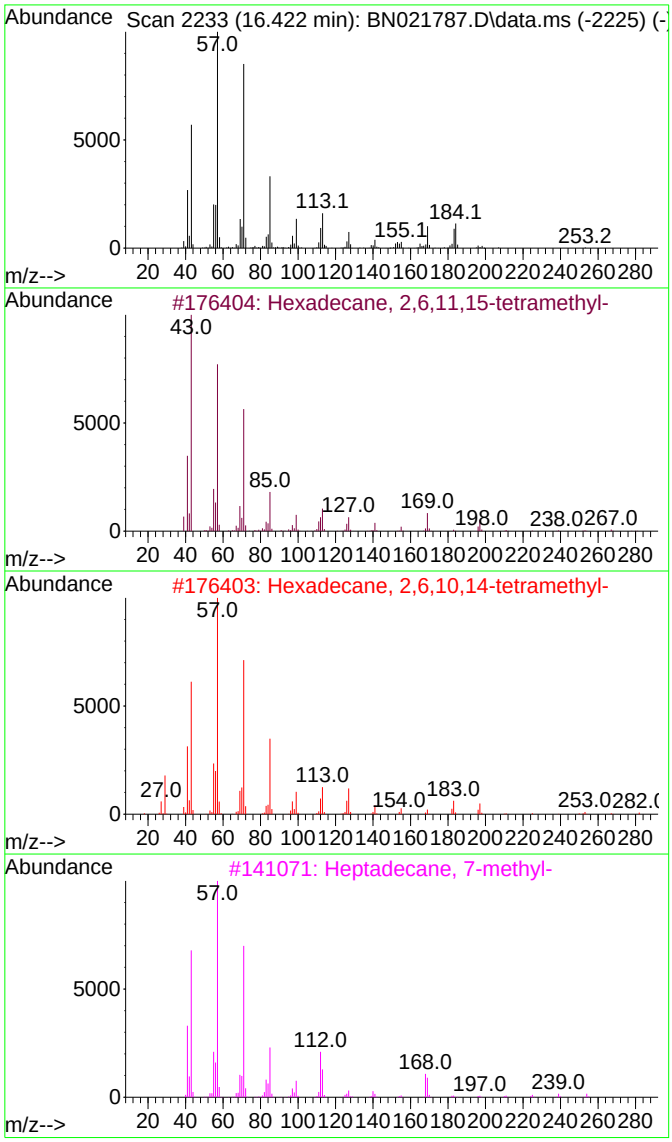
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

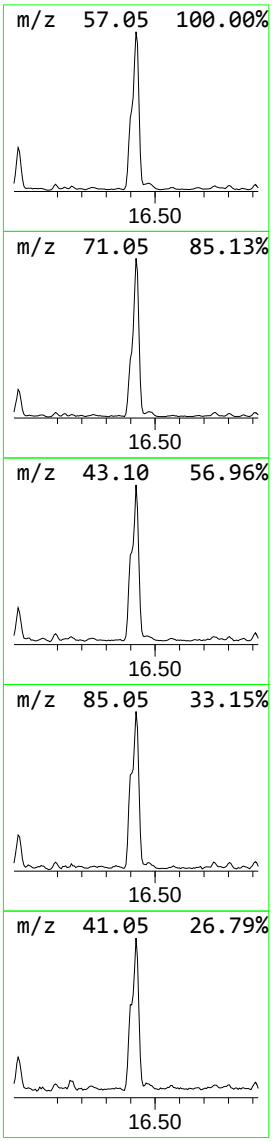
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.422	7.46 ng/ul	950105	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	86
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
3	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	80
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	70





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Sample : N4601-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5752

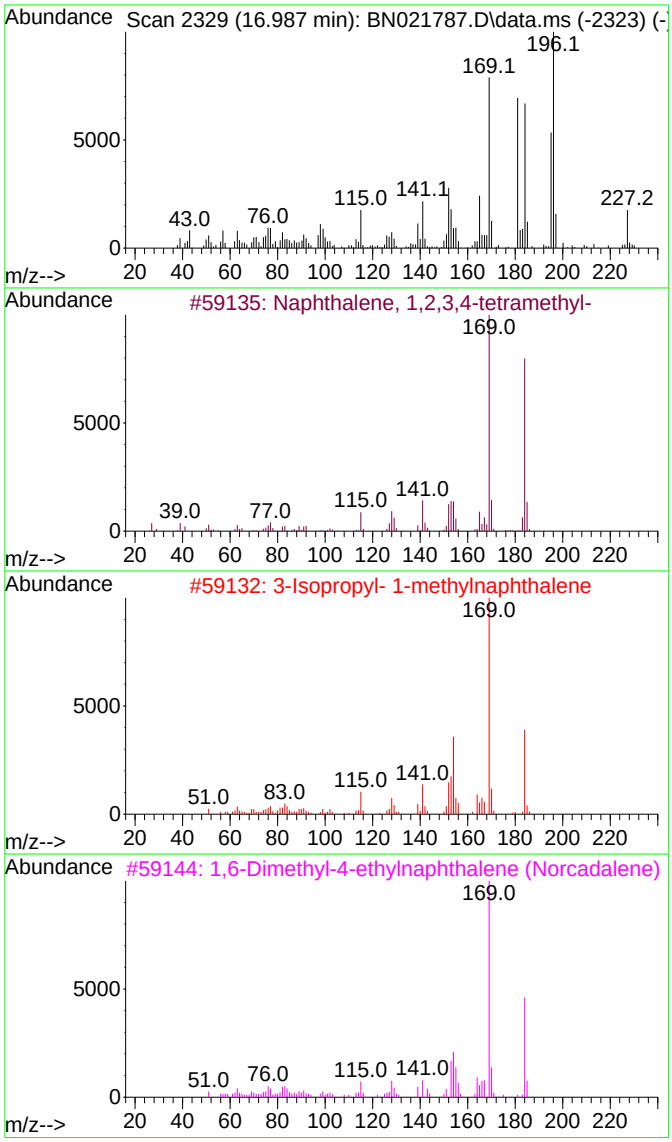
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

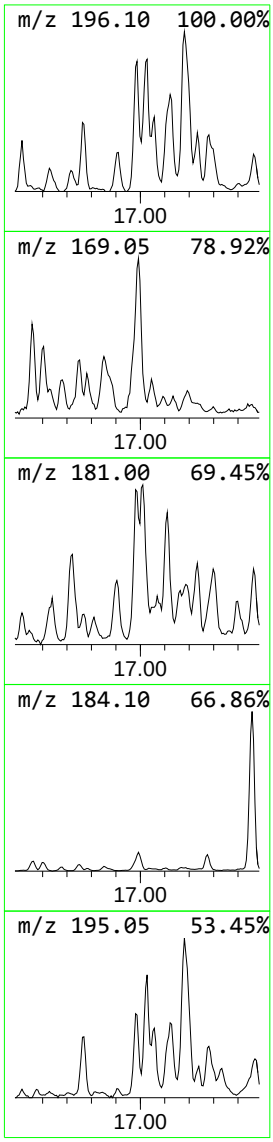
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,2,3,4-tetram... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.986	2.03 ng/ul	258059	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	80
2	3-Isopropyl- 1-methylnaphthalene	184	C14H16	1000383-71-4	59
3	1,6-Dimethyl-4-ethylnaphthalene ...	184	C14H16	1000383-71-7	50
4	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	50
5	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	46





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Misc :
ALS Vial : 5 Sample Multiplier: 1

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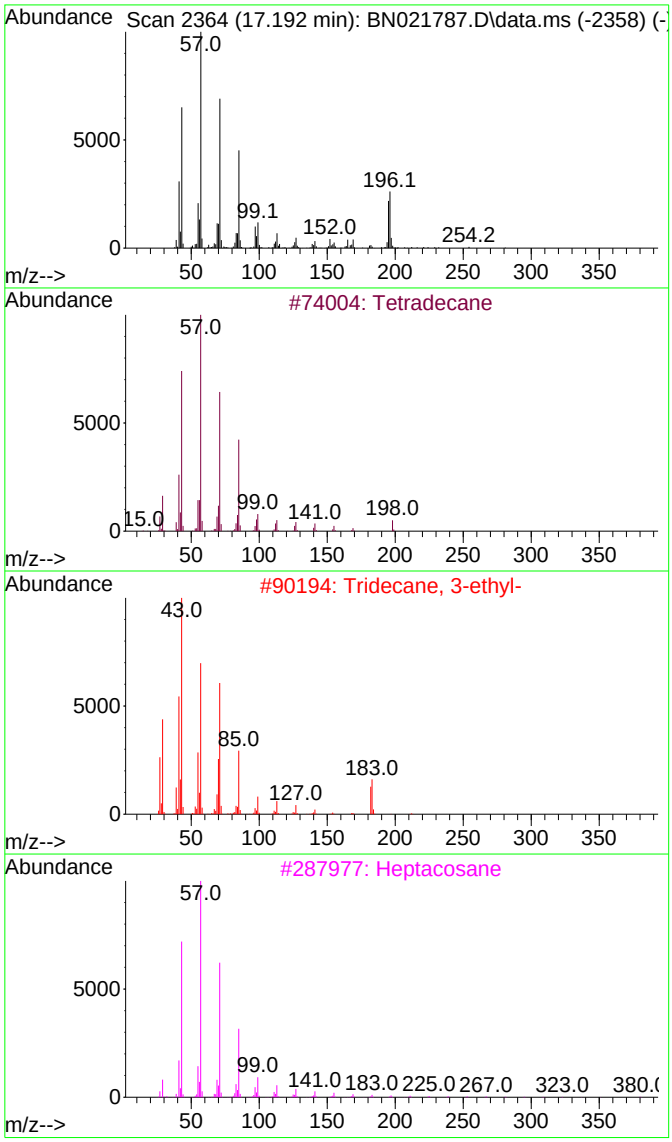
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

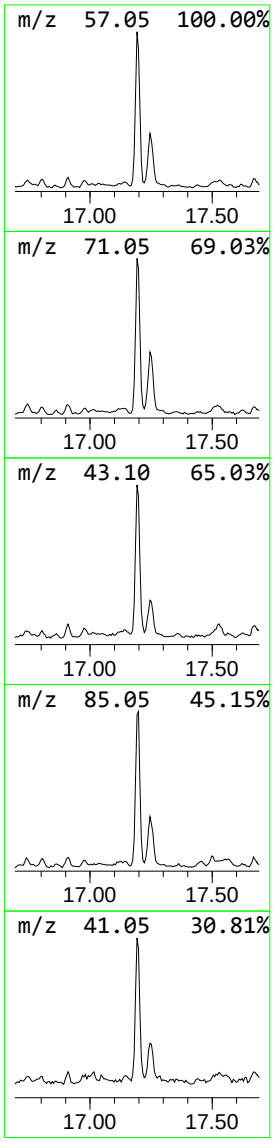
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.192	2.83 ng/ul	359762	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	92
2	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	64
3	Heptacosane	380	C27H56	000593-49-7	62
4	Tetracosane	338	C24H50	000646-31-1	62
5	Heneicosane	296	C21H44	000629-94-7	62





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Operator : CG/JU
Sample : N4601-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

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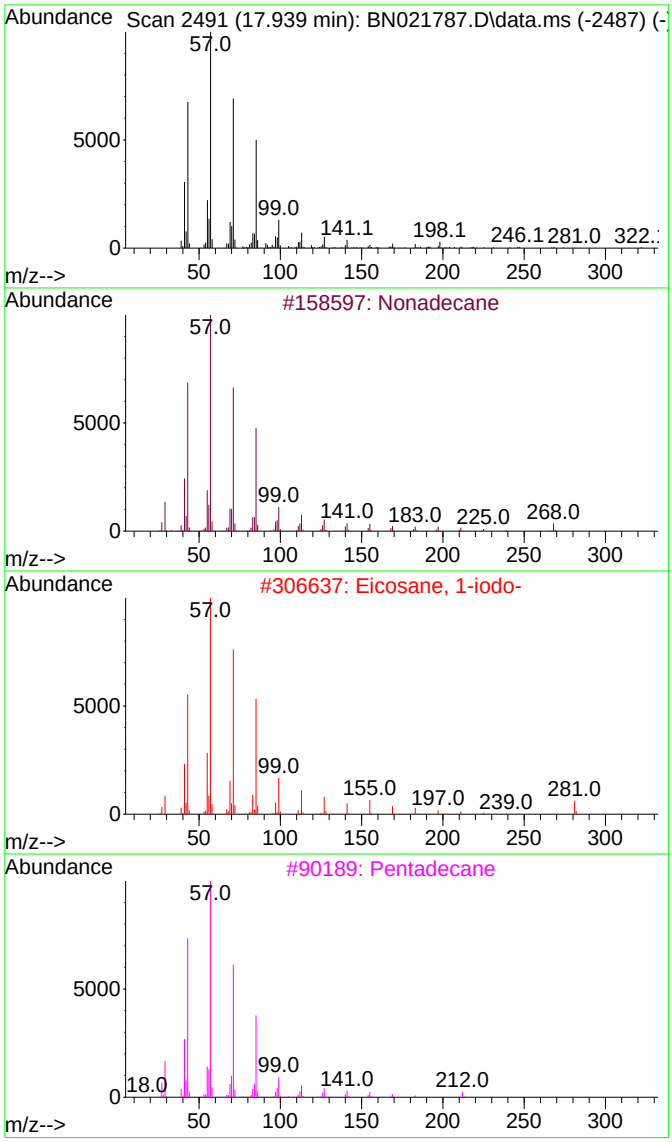
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

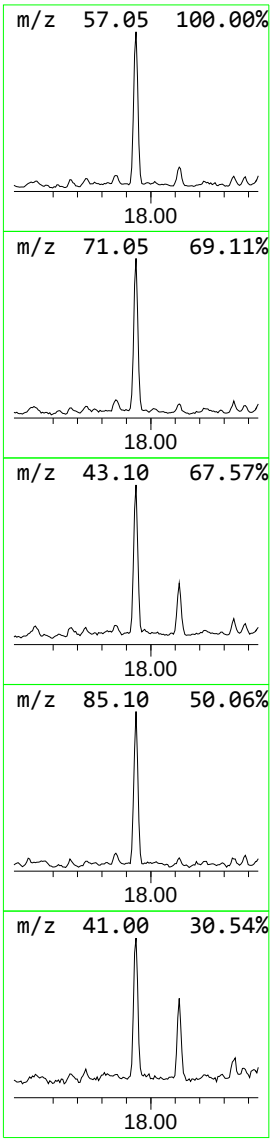
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.939	2.46 ng/ul	313631	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Operator : CG/JU
Sample : N4601-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

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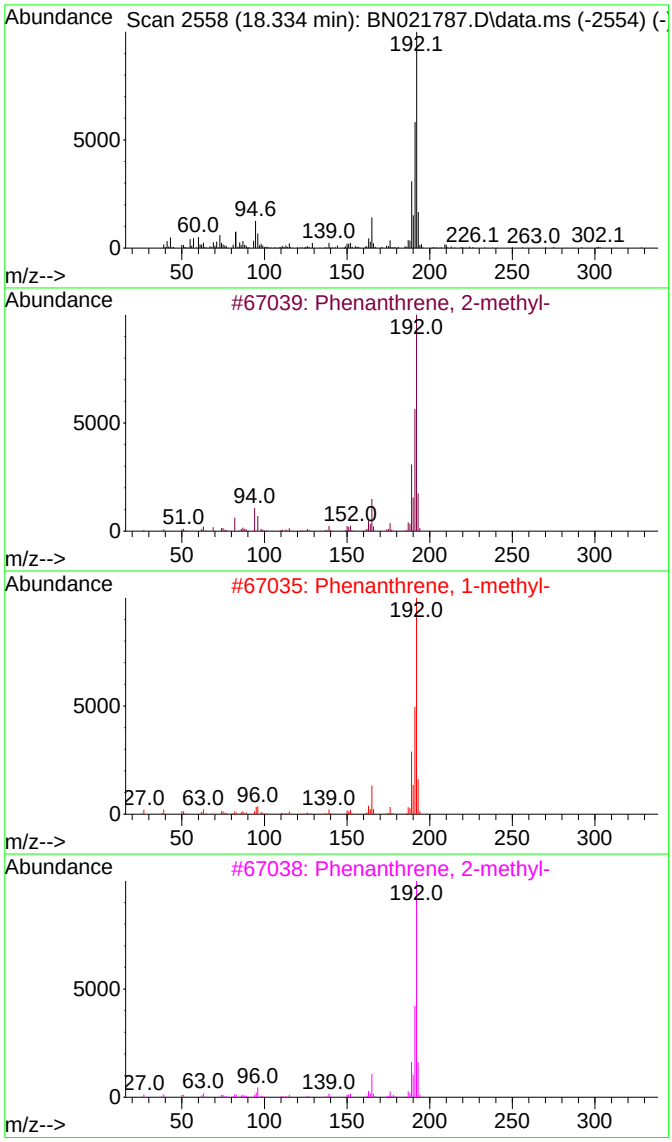
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

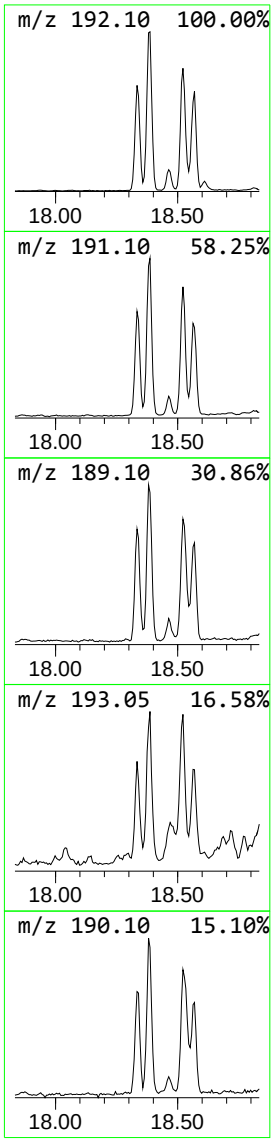
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.334	2.57 ng/ul	327059	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





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Acq On : 16 Sep 2022 14:03
Operator : CG/JU
Sample : N4601-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5752

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

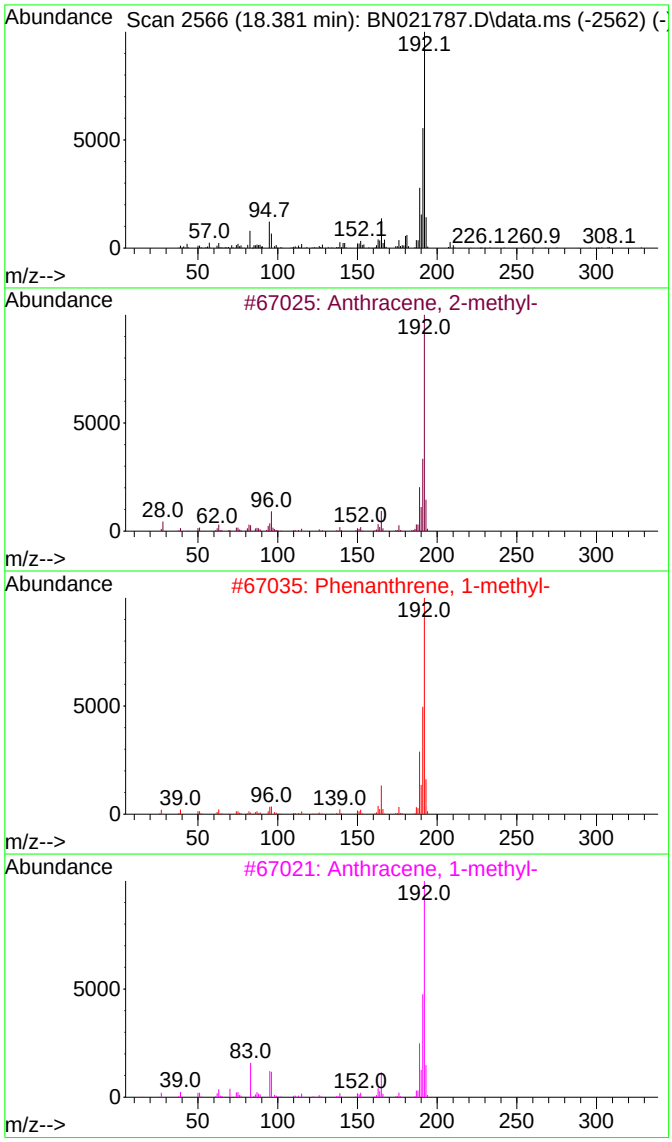
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

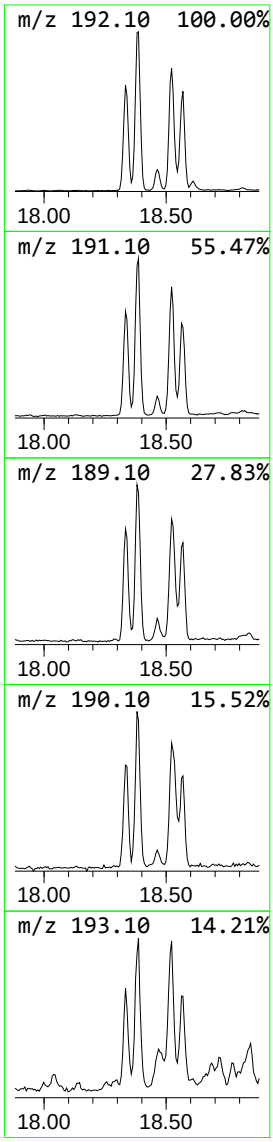
****

Peak Number 12 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.381	3.69 ng/ul	469593	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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Operator : CG/JU
Sample : N4601-11
Misc :
ALS Vial : 5 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

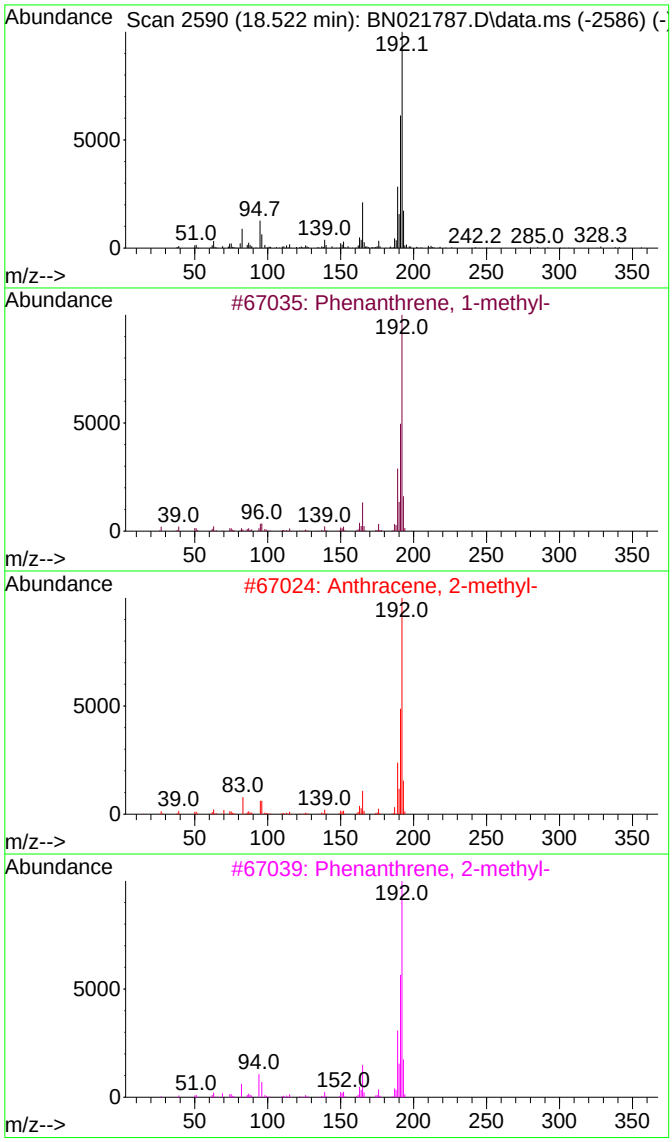
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

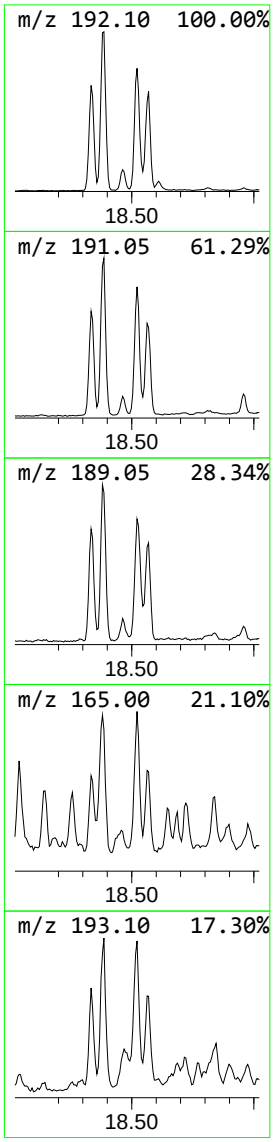
****

Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.522	2.30 ng/ul	293259	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





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Operator : CG/JU
Sample : N4601-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

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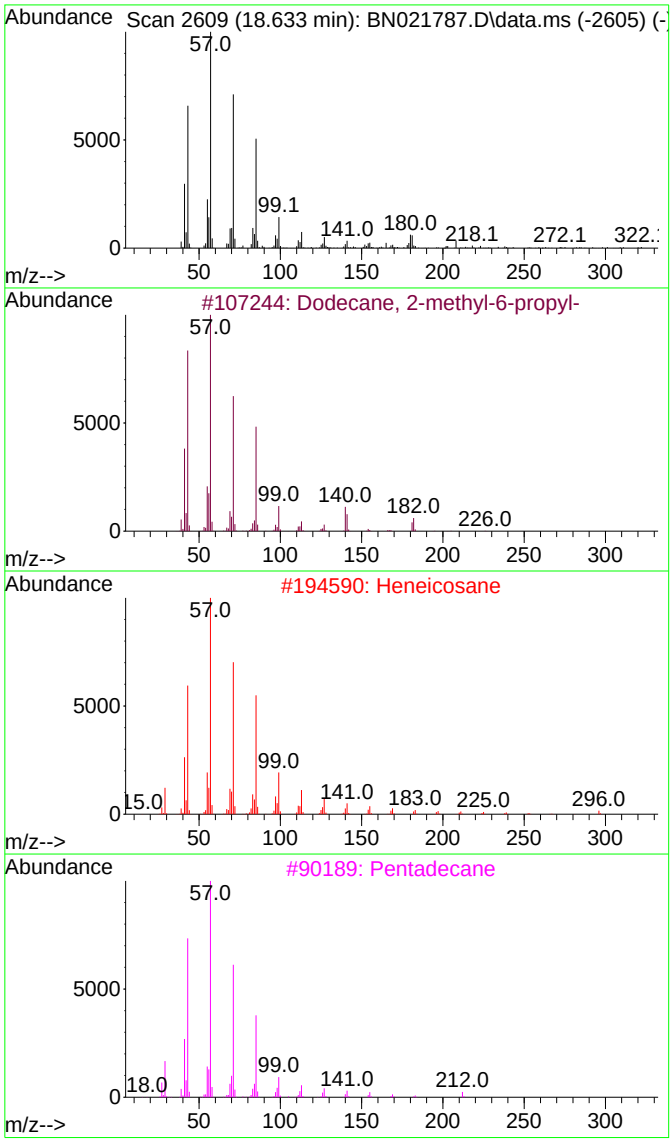
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

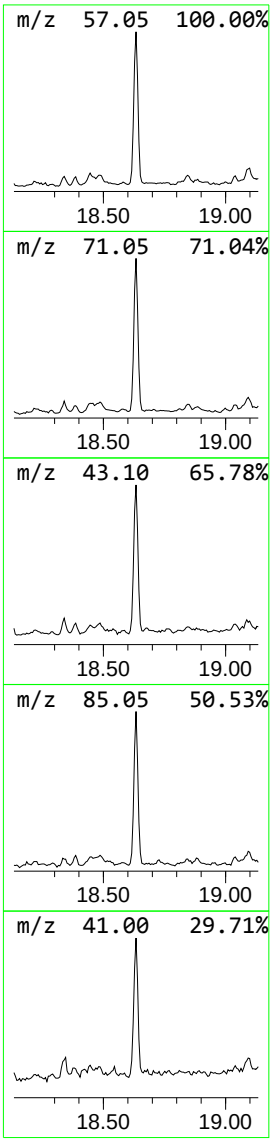
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.634	2.52 ng/ul	320965	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2	Heneicosane	296	C21H44	000629-94-7	87
3	Pentadecane	212	C15H32	000629-62-9	83
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	83
5	Nonadecane	268	C19H40	000629-92-5	83





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Operator : CG/JU
Sample : N4601-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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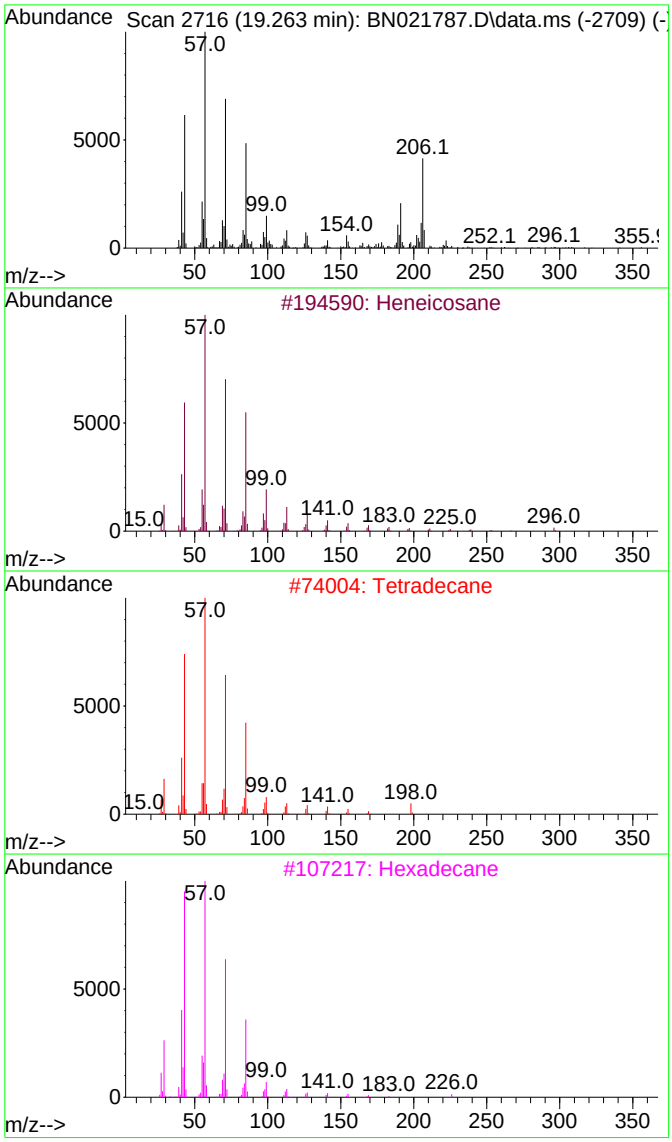
Quant Title : SVOA CALIBRATION

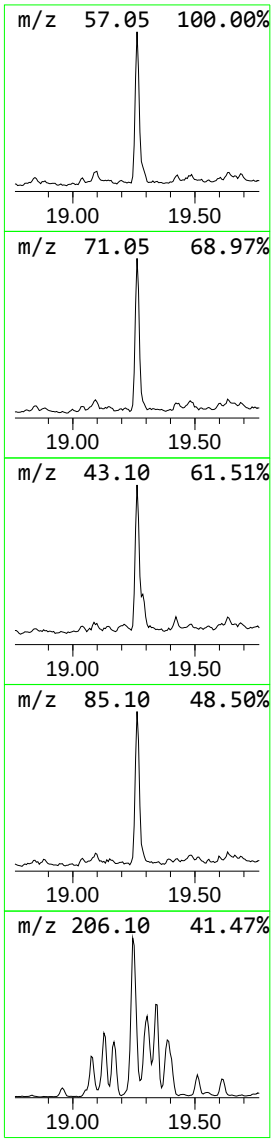
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.263	5.22 ng/ul	664066	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Tetradecane	198	C14H30	000629-59-4	91
3	Hexadecane	226	C16H34	000544-76-3	89
4	Heneicosane	296	C21H44	000629-94-7	70
5	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	70





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Misc :
ALS Vial : 5 Sample Multiplier: 1

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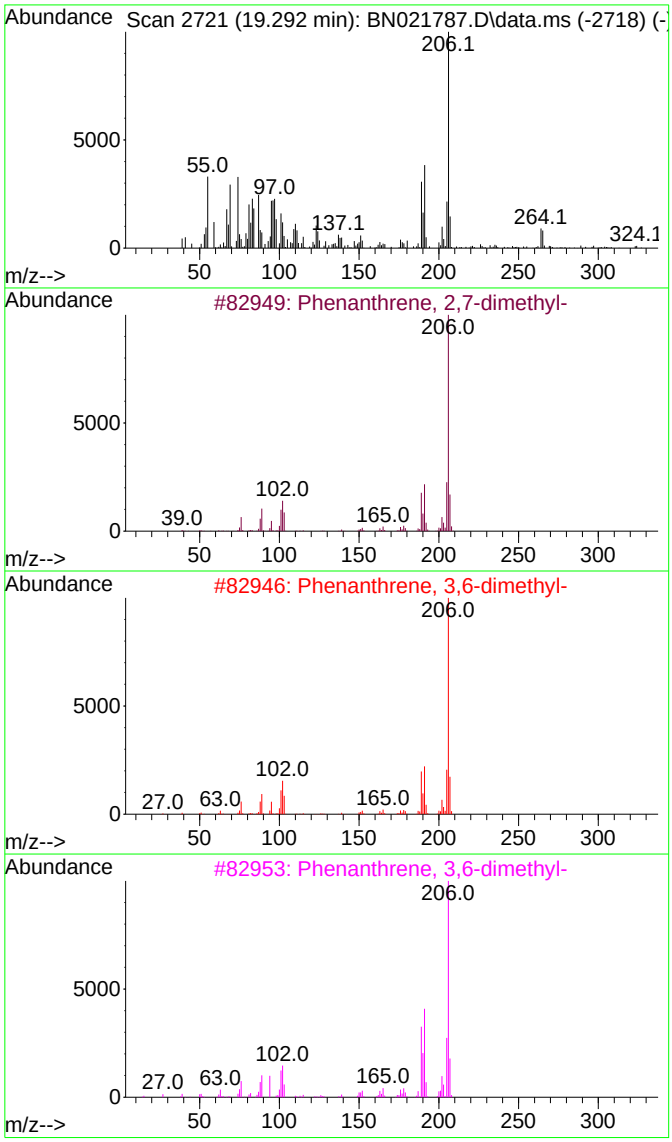
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

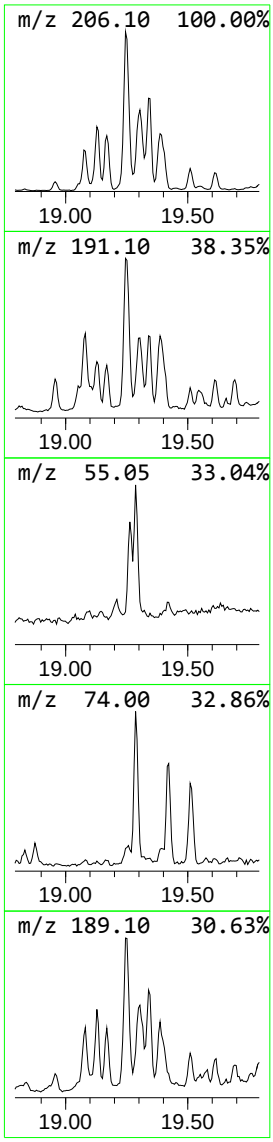
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 2,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.292	2.97 ng/ul	377785	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	58
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	58
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	53
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	50
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	49





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Acq On : 16 Sep 2022 14:03
Operator : CG/JU
Sample : N4601-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

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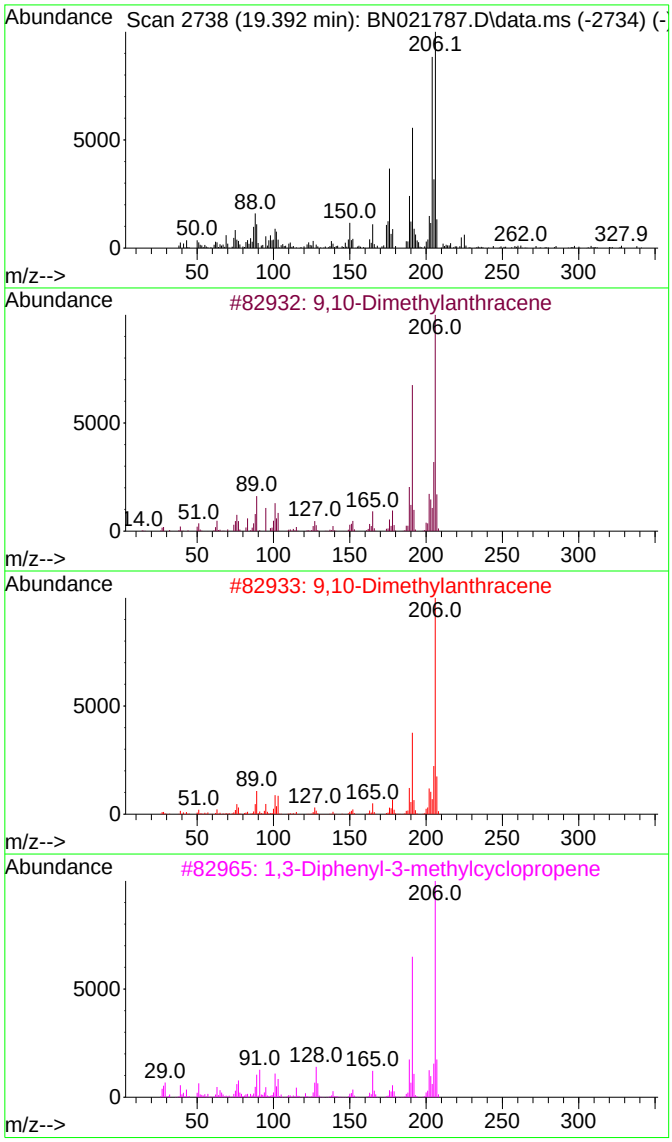
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

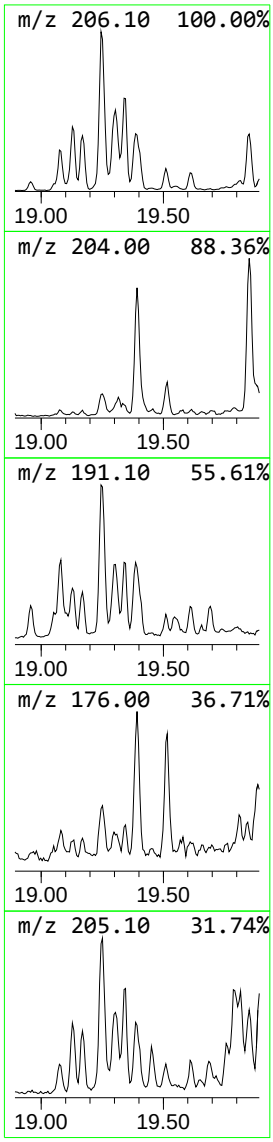
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9,10-Dimethylanthracene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.392	2.41 ng/ul	306478	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	78
3	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	70
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	55
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	55





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Data File : BN021787.D
Acq On : 16 Sep 2022 14:03
Operator : CG/JU
Sample : N4601-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5752

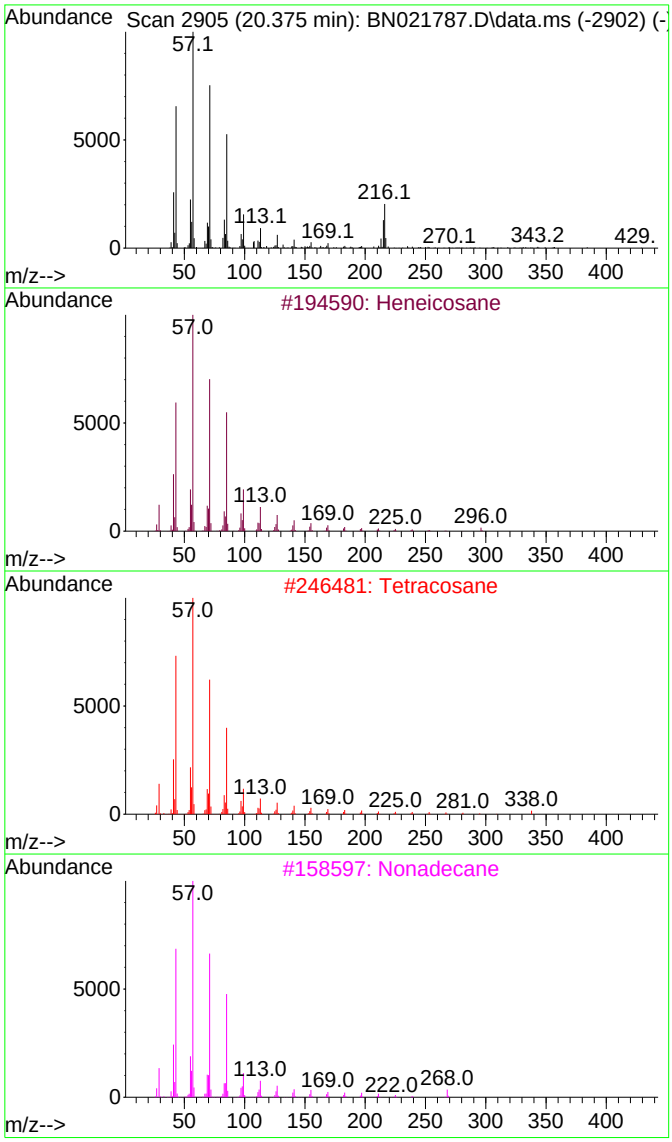
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

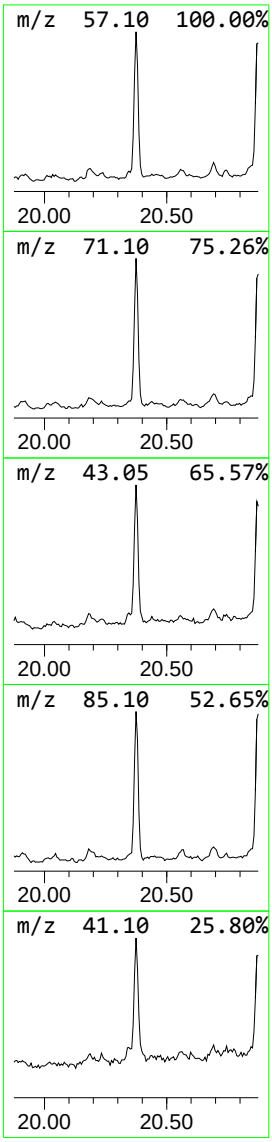
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.375	3.36 ng/ul	456656	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	81
2	Tetracosane	338	C24H50	000646-31-1	74
3	Nonadecane	268	C19H40	000629-92-5	74
4	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	72
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	72





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Acq On : 16 Sep 2022 14:03
Operator : CG/JU
Sample : N4601-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5752

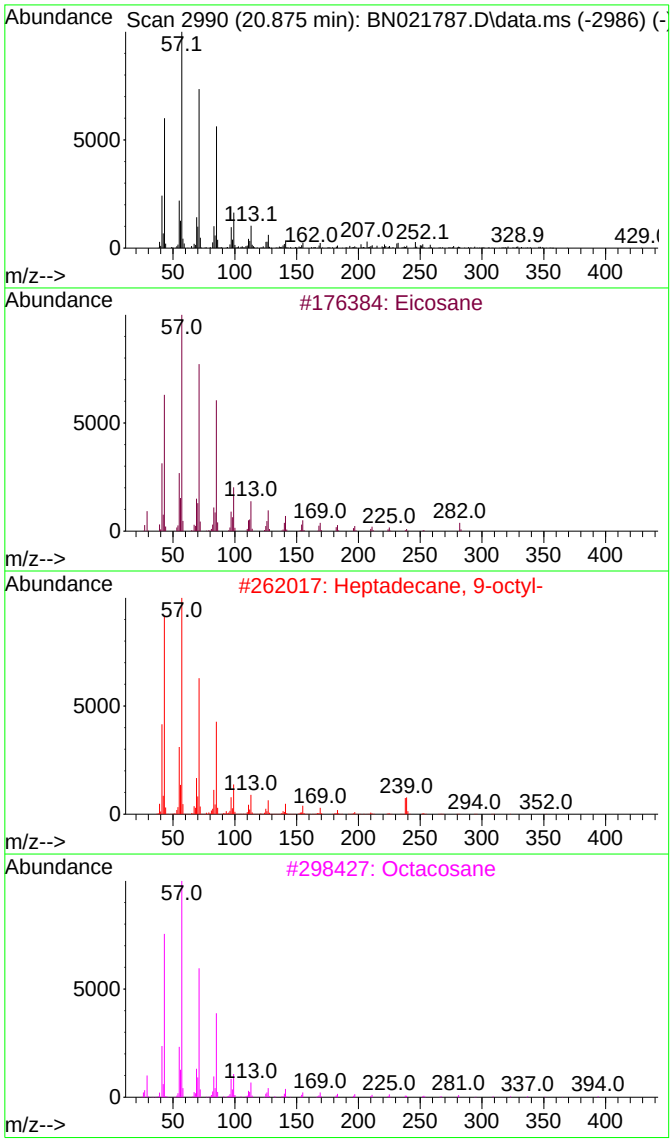
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

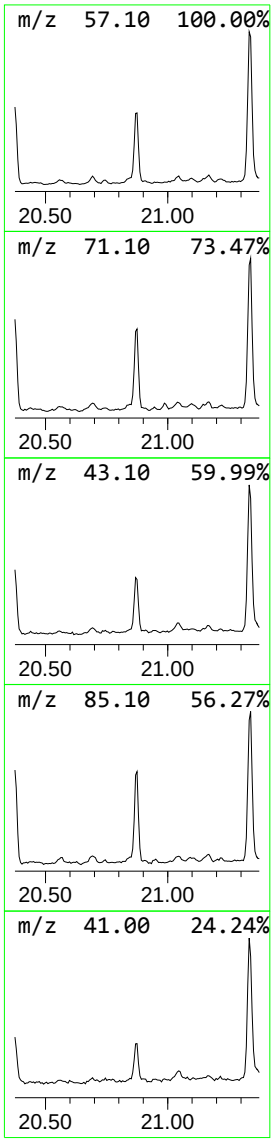
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.875	2.03 ng/ul	275581	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





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Data File : BN021787.D
Acq On : 16 Sep 2022 14:03
Operator : CG/JU
Sample : N4601-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5752

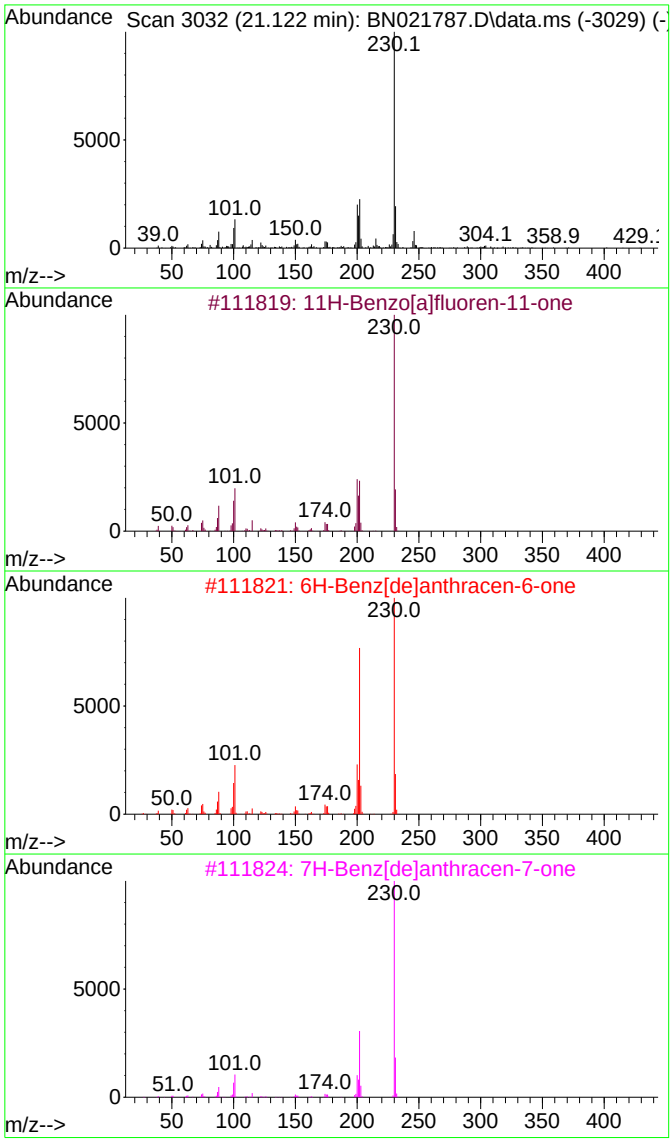
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

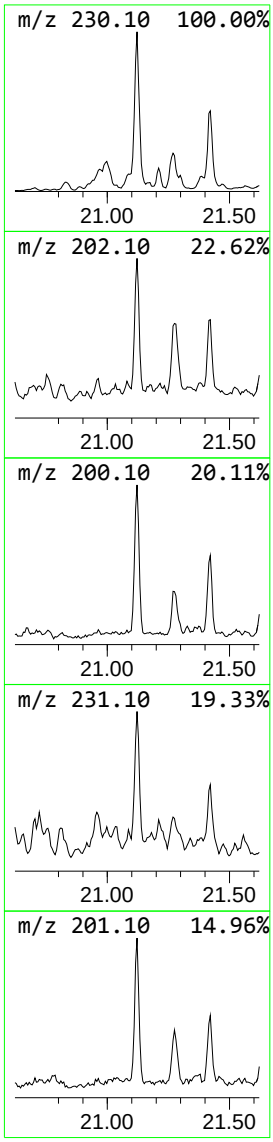
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.122	2.08 ng/ul	283234	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
Data File : BN021787.D
Acq On : 16 Sep 2022 14:03
Operator : CG/JU
Sample : N4601-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5752

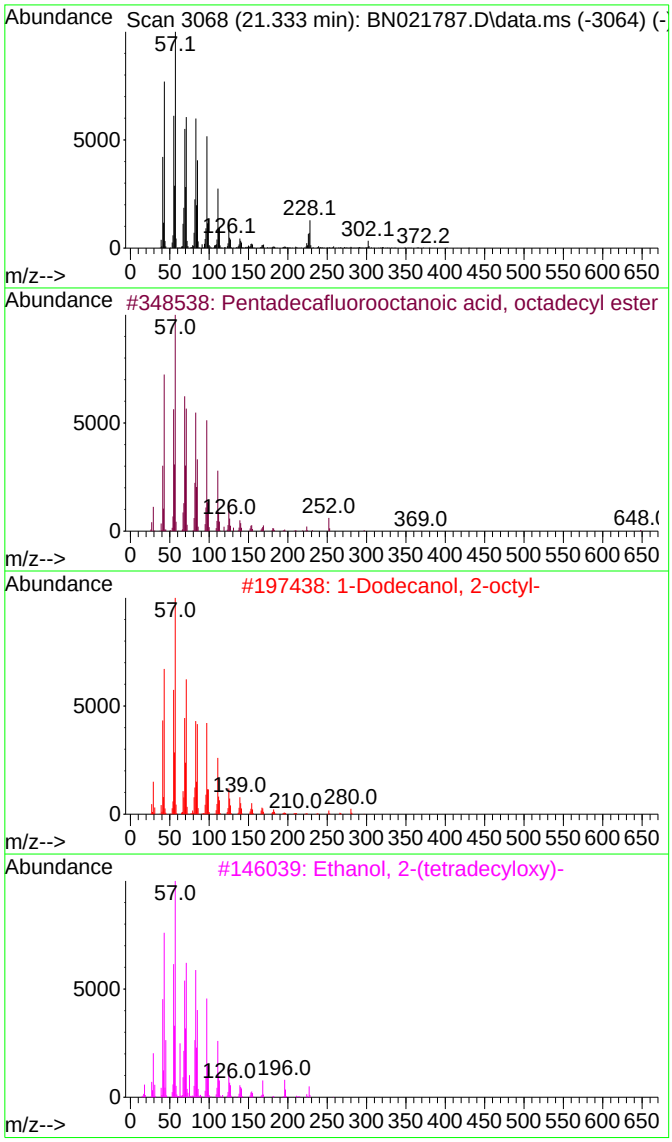
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION

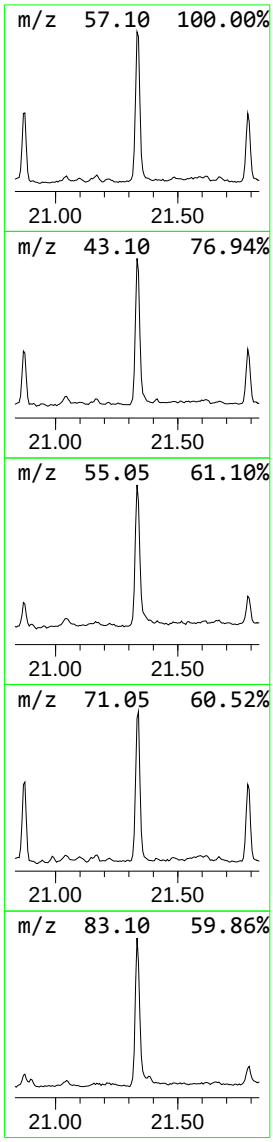
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Pentadecafluorooctanoic aci... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.333	9.26 ng/ul	1258680	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
2	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	90
5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
Data File : BN021787.D
Acq On : 16 Sep 2022 14:03
Operator : CG/JU
Sample : N4601-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5752

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
Ethanol, 2-(2-b...	10.646	6.8	ng/ul	572365	2	10.881	1683290	20.0
(DEL) Alkane: S...	13.516	2.4	ng/ul	285300	3	14.704	2387990	20.0
Naphthalene, 2,...	14.028	2.7	ng/ul	317381	3	14.704	2387990	20.0
Naphthalene, 1,...	15.098	2.0	ng/ul	240896	3	14.704	2387990	20.0
(DEL) Alkane: S...	15.534	2.1	ng/ul	251805	3	14.704	2387990	20.0
(DEL) Alkane: S...	15.940	2.0	ng/ul	238941	3	14.704	2387990	20.0
(DEL) Alkane: S...	16.422	7.5	ng/ul	950105	4	17.457	2546310	20.0
Naphthalene, 1,...	16.986	2.0	ng/ul	258059	4	17.457	2546310	20.0
(DEL) Alkane: S...	17.192	2.8	ng/ul	359762	4	17.457	2546310	20.0
(DEL) Alkane: S...	17.939	2.5	ng/ul	313631	4	17.457	2546310	20.0
Phenanthrene, 2...	18.334	2.6	ng/ul	327059	4	17.457	2546310	20.0
Anthracene, 2-m...	18.381	3.7	ng/ul	469593	4	17.457	2546310	20.0
Phenanthrene, 1...	18.522	2.3	ng/ul	293259	4	17.457	2546310	20.0
(DEL) Alkane: S...	18.634	2.5	ng/ul	320965	4	17.457	2546310	20.0
(DEL) Alkane: S...	19.263	5.2	ng/ul	664066	4	17.457	2546310	20.0
Phenanthrene, 2...	19.292	3.0	ng/ul	377785	4	17.457	2546310	20.0
9,10-Dimethylan...	19.392	2.4	ng/ul	306478	4	17.457	2546310	20.0
(DEL) Alkane: S...	20.375	3.4	ng/ul	456656	5	21.645	2718610	20.0
(DEL) Alkane: S...	20.875	2.0	ng/ul	275581	5	21.645	2718610	20.0
11H-Benzo[a]flu...	21.122	2.1	ng/ul	283234	5	21.645	2718610	20.0
Pentadecafluoro...	21.333	9.3	ng/ul	1258680	5	21.645	2718610	20.0