LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012243.D
Acq On : 21 Oct 2022 13:48
Operator : CG/JU
Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4

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_P\Methods\SFAM-EPA-BP101922.M
Title : SVOA CALIBRATION

Signal : TIC: BP012243.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.040	7	9	27	rVB	427439	545673	1.29%	0.134%
2	3.687	116	119	131	rBV	288404	401989	0.95%	0.099%
3	3.781	131	135	144	rVB	319890	423949	1.00%	0.104%
4	4.557	263	267	276	rVB	133170	185667	0.44%	0.046%
5	6.992	673	681	690	rBV	839377	1473524	3.47%	0.362%
6	7.157	702	709	721	rBV	668553	1070654	2.52%	0.263%
7	7.351	735	742	752	rBV	858775	1374366	3.24%	0.337%
8	7.822	813	822	830	rBV	1016770	1608423	3.79%	0.395%
9	8.363	906	914	928	rBV	625815	1260207	2.97%	0.309%
10	8.539	937	944	953	rBV	946539	1597865	3.76%	0.392%
11	8.992	1013	1021	1034	rBV	747313	1305521	3.07%	0.321%
12	9.710	1137	1143	1155	rBV	607570	1066220	2.51%	0.262%
13	10.057	1192	1202	1208	rBV2	80692	187884	0.44%	0.046%
14	10.251	1228	1235	1246	rVV	1027191	1736044	4.09%	0.426%
15	10.628	1290	1299	1303	rBV	1290538	2181226	5.14%	0.536%
16	10.675	1303	1307	1318	rVV	1165936	1983175	4.67%	0.487%
17	10.775	1318	1324	1340	rVB2	481249	1078504	2.54%	0.265%
18	12.139	1549	1556	1567	rBV	311893	730724	1.72%	0.179%
19	12.292	1575	1582	1592	rVB	561087	937997	2.21%	0.230%
20	12.422	1597	1604	1612	rBV4	118409	287502	0.68%	0.071%
21	12.510	1613	1619	1627	rVB	234403	418365	0.99%	0.103%
22	13.304	1747	1754	1763	rBV2	206252	432906	1.02%	0.106%
23	13.445	1773	1778	1783	rVV	121329	256934	0.61%	0.063%
24	13.792	1831	1837	1843	rVV2	147477	312829	0.74%	0.077%
25	13.886	1848	1853	1858	rVV	1715100	2449904	5.77%	0.602%
26	13.927	1858	1860	1867	rVB2	162513	309375	0.73%	0.076%
27	14.027	1867	1877	1881	rBV3	126941	279738	0.66%	0.069%
28	14.169	1895	1901	1903	rVV	1981274	3169412	7.46%	0.778%
29	14.198	1903	1906	1919	rVB	2287813	3436105	8.09%	0.844%
30	14.363	1929	1934	1939	rBV	336560	449213	1.06%	0.110%
31	14.474	1947	1953	1957	rBV	1730686	2633731	6.20%	0.647%
32	14.539	1960	1964	1973	rVB	812144	1203896	2.84%	0.296%
33	14.616	1973	1977	1982	rBV2	152720	210732	0.50%	0.052%
34	14.692	1983	1990	1998	rBV2	590763	1069564	2.52%	0.263%
35	14.774	2000	2004	2011	rBV3	104283	216079	0.51%	0.053%
36	14.874	2016	2021	2032	rVB	1105284	1839914	4.33%	0.452%

LSC Area Percent Report

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Acq On : 21 Oct 2022 13:48
Operator : CG/JU
Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4

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_P\Methods\SFAM-EPA-BP101922.M
Title : SVOA CALIBRATION

37	15.316	2092	2096	2100	rBV	468252	599314	1.41%	0.147%
38	15.468	2117	2122	2127	rBV	2577602	3640975	8.58%	0.894%
39	15.527	2127	2132	2140	rVB	997762	1483203	3.49%	0.364%
40	15.598	2140	2144	2150	rBV	483244	755767	1.78%	0.186%
41	15.727	2161	2166	2171	rVV2	377629	594034	1.40%	0.146%
42	15.821	2178	2182	2186	rBV	264167	374856	0.88%	0.092%
43	15.874	2188	2191	2196	rVB3	145277	205617	0.48%	0.050%
44	15.939	2199	2202	2205	rBV	164481	249180	0.59%	0.061%
45	16.210	2239	2248	2260	rBV3	2201011	4845953	11.41%	1.190%
46	16.763	2340	2342	2345	rBV2	144124	174518	0.41%	0.043%
47	16.810	2346	2350	2356	rVB	487400	739941	1.74%	0.182%
48	16.886	2358	2363	2369	rVV	1654748	2420496	5.70%	0.594%
49	16.986	2376	2380	2383	rVB	1149083	1337313	3.15%	0.328%
50	17.039	2384	2389	2400	rVB2	1075359	2200993	5.18%	0.540%
51	17.233	2417	2422	2426	rBV	1966866	3191511	7.52%	0.784%
52	17.280	2426	2430	2435	rVV	4234308	6047605	14.24%	1.485%
53	17.339	2435	2440	2442	rVV2	2290307	3890399	9.16%	0.955%
54	17.374	2442	2446	2451	rVV	13358394	20205273	47.59%	4.961%
55	17.427	2451	2455	2459	rVV2	354574	587530	1.38%	0.144%
56	17.645	2488	2492	2499	rVB	2719804	3712991	8.74%	0.912%
57	17.727	2502	2506	2509	rBV	1358148	1642792	3.87%	0.403%
58	17.915	2535	2538	2547	rVB	671877	1006764	2.37%	0.247%
59	18.121	2571	2573	2576	rBV	457837	501471	1.18%	0.123%
60	18.227	2587	2591	2597	rBV	1326210	1883245	4.44%	0.462%
61	18.298	2598	2603	2611	rVB2	2676733	3940498	9.28%	0.967%
62	18.398	2617	2620	2625	rBV	1537699	1970702	4.64%	0.484%
63	18.486	2631	2635	2643	rBV	1665127	2513344	5.92%	0.617%
64	18.633	2656	2660	2665	rBV	1631087	2153031	5.07%	0.529%
65	19.015	2721	2725	2729	rVB2	1491624	1809071	4.26%	0.444%
66	19.139	2741	2746	2752	rBV	5852020	8339135	19.64%	2.047%
67	19.257	2760	2766	2771	rVB	15360403	23318365	54.92%	5.725%
68	19.351	2779	2782	2786	rBV2	1148614	1567592	3.69%	0.385%
69	19.398	2787	2790	2794	rVB	881254	1027149	2.42%	0.252%
70	19.480	2800	2804	2809	rVB2	1789874	3152672	7.43%	0.774%
71	19.580	2816	2821	2822	rBV3	5848637	7924629	18.66%	1.946%
72	19.615	2822	2827	2833	rVV	19664383	36253342	85.38%	8.901%
73	19.674	2834	2837	2844	rVB3	786843	1279288	3.01%	0.314%
74	19.780	2851	2855	2860	rVB	1338069	1714697	4.04%	0.421%
75	19.851	2861	2867	2872	rVB	4982499	7370512	17.36%	1.810%
76	19.927	2874	2880	2885	rVB3	1409429	3314031	7.81%	0.814%

LSC Area Percent Report

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Acq On : 21 Oct 2022 13:48
Operator : CG/JU
Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4

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_P\Methods\SFAM-EPA-BP101922.M
Title : SVOA CALIBRATION

77	20.068	2896	2904	2905	rBV4	2550418	5018602	11.82%	1.232%
78	20.133	2912	2915	2919	rBV	1711574	2164371	5.10%	0.531%
79	20.186	2920	2924	2927	rVV	1601479	2068630	4.87%	0.508%
80	20.245	2927	2934	2937	rBV2	2703418	5037446	11.86%	1.237%
81	20.380	2953	2957	2961	rBV	2217303	3225520	7.60%	0.792%
82	20.427	2962	2965	2968	rVB2	1430752	1829915	4.31%	0.449%
83	20.574	2988	2990	2995	rVB5	1155009	1353481	3.19%	0.332%
84	20.821	3028	3032	3038	rBV2	3004008	4379366	10.31%	1.075%
85	20.986	3056	3060	3063	rBV2	1964963	2795014	6.58%	0.686%
86	21.021	3063	3066	3069	rVV2	2672806	3701732	8.72%	0.909%
87	21.062	3069	3073	3078	rVV2	3301810	5055288	11.91%	1.241%
88	21.115	3079	3082	3086	rVB	2133322	2719099	6.40%	0.668%
89	21.321	3110	3117	3121	rBV2	9108570	17255409	40.64%	4.237%
90	21.374	3123	3126	3136	rVB	10818188	15441038	36.37%	3.791%
91	21.498	3144	3147	3154	rVB2	1855779	3620242	8.53%	0.889%
92	21.651	3170	3173	3179	rVB	2187539	3360244	7.91%	0.825%
93	22.427	3302	3305	3310	rVB3	1337445	1894478	4.46%	0.465%
94	23.027	3398	3407	3419	rVB	12648205	42458997	100.00%	10.425%
95	23.203	3432	3437	3443	rVB	3063176	5025903	11.84%	1.234%
96	23.545	3489	3495	3501	rBV	6768391	14187243	33.41%	3.483%
97	23.650	3508	3513	3519	rVB	7677577	14372830	33.85%	3.529%
98	23.809	3535	3540	3548	rVB2	3683946	8342405	19.65%	2.048%
99	26.274	3949	3959	3965	rBV	5391420	18701956	44.05%	4.592%
100	27.050	4081	4091	4102	rVB	3783333	13212287	31.12%	3.244%

Sum of corrected areas: 407287106

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012243.D
Acq On : 21 Oct 2022 13:48
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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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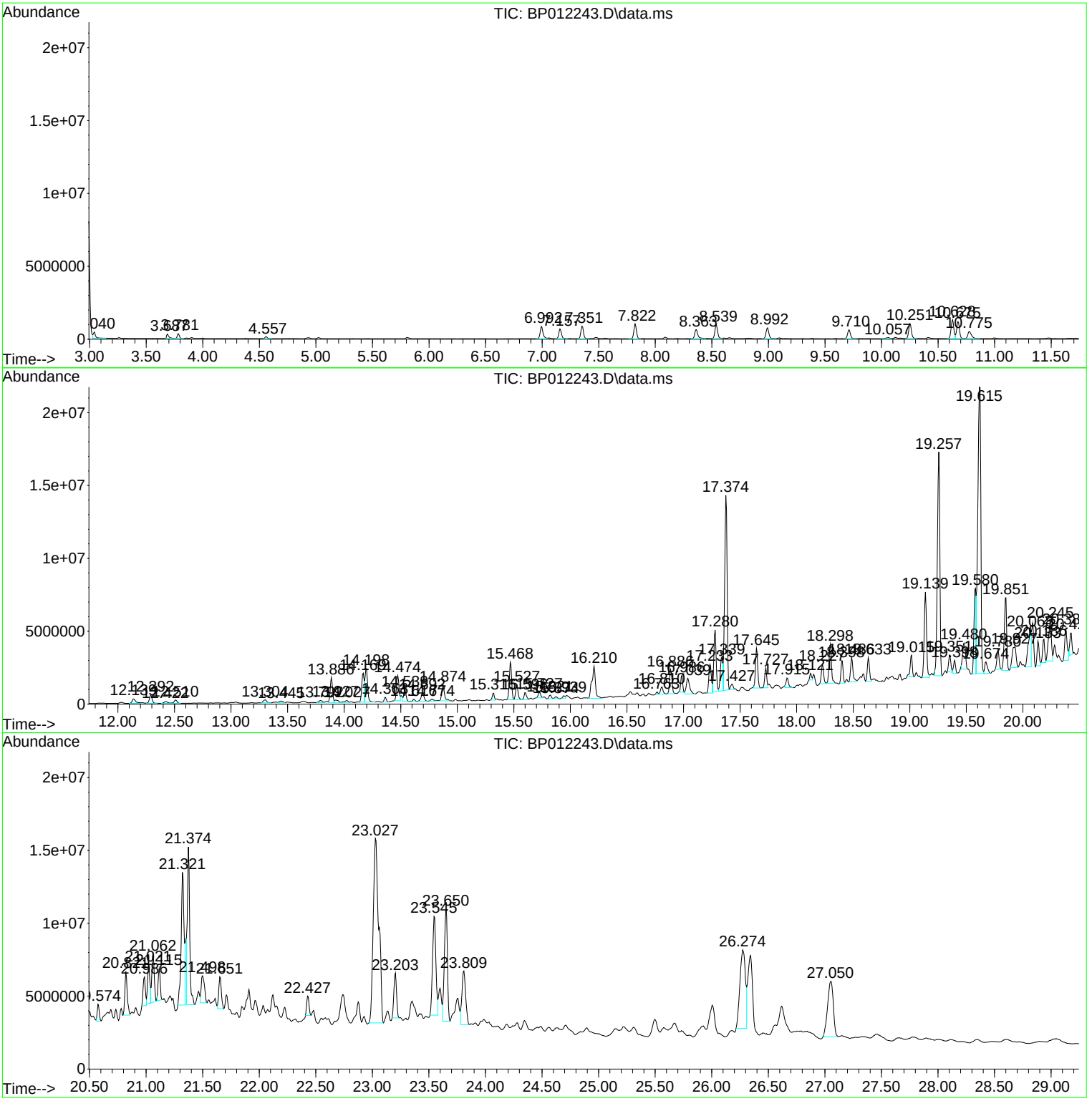
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012243.D
Acq On : 21 Oct 2022 13:48
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Instrument :
BNA_P
ClientSampleId :
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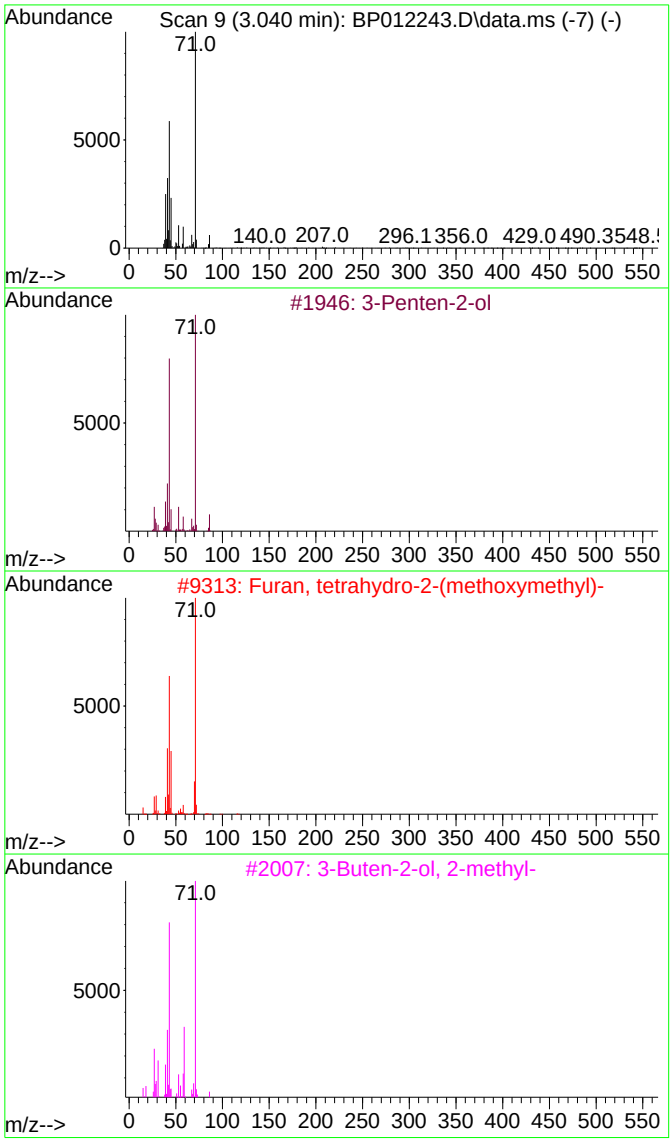
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

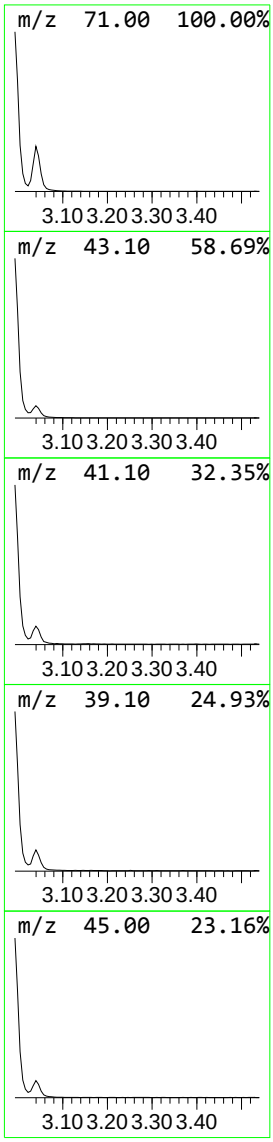
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 3-Penten-2-ol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.040	6.79 ng/ul	545673	1,4-Dichlorobenzene-d4	7.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-ol	86	C5H10O	001569-50-2	83
2	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	72
3	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	64
4	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	64
5	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012243.D
Acq On : 21 Oct 2022 13:48
Operator : CG/JU
Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4

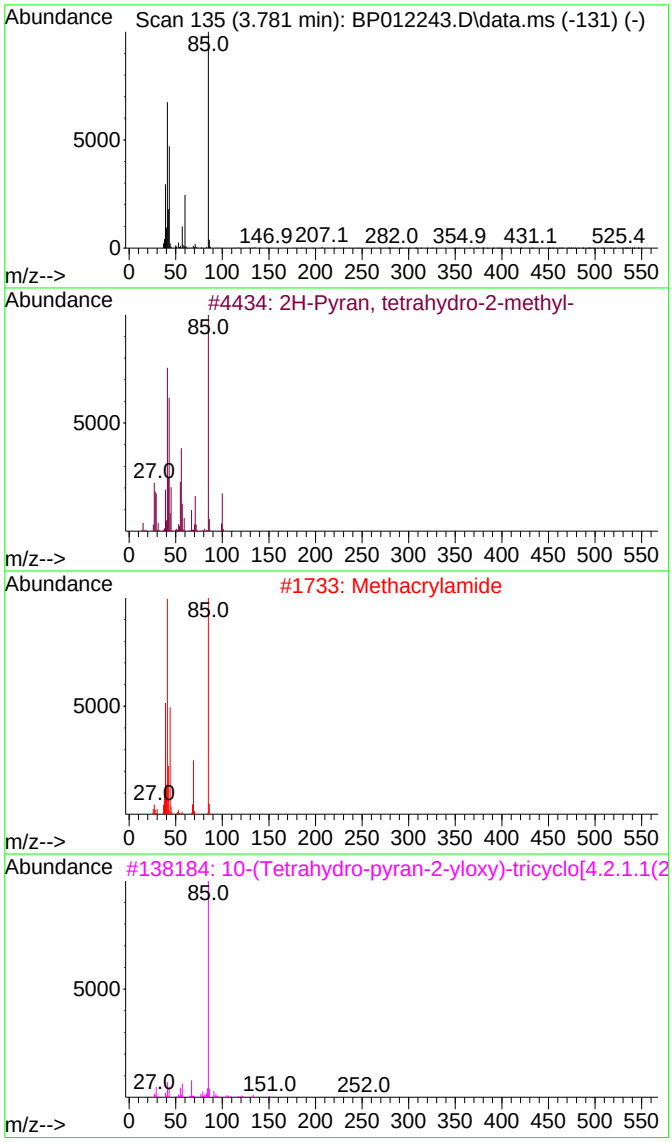
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

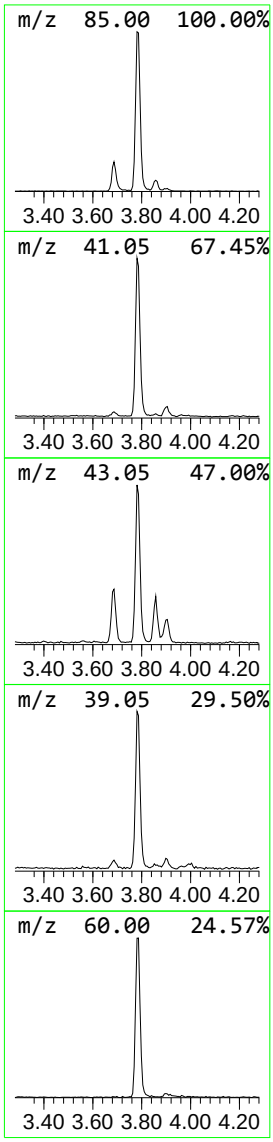
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.781	5.27 ng/ul	423949	1,4-Dichlorobenzene-d4	7.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38
2	Methacrylamide	85	C4H7NO	000079-39-0	33
3	10-(Tetrahydro-pyran-2-yloxy)-tr...	252	C15H24O3	1010192-28-8	9
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012243.D
Acq On : 21 Oct 2022 13:48
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Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

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BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

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

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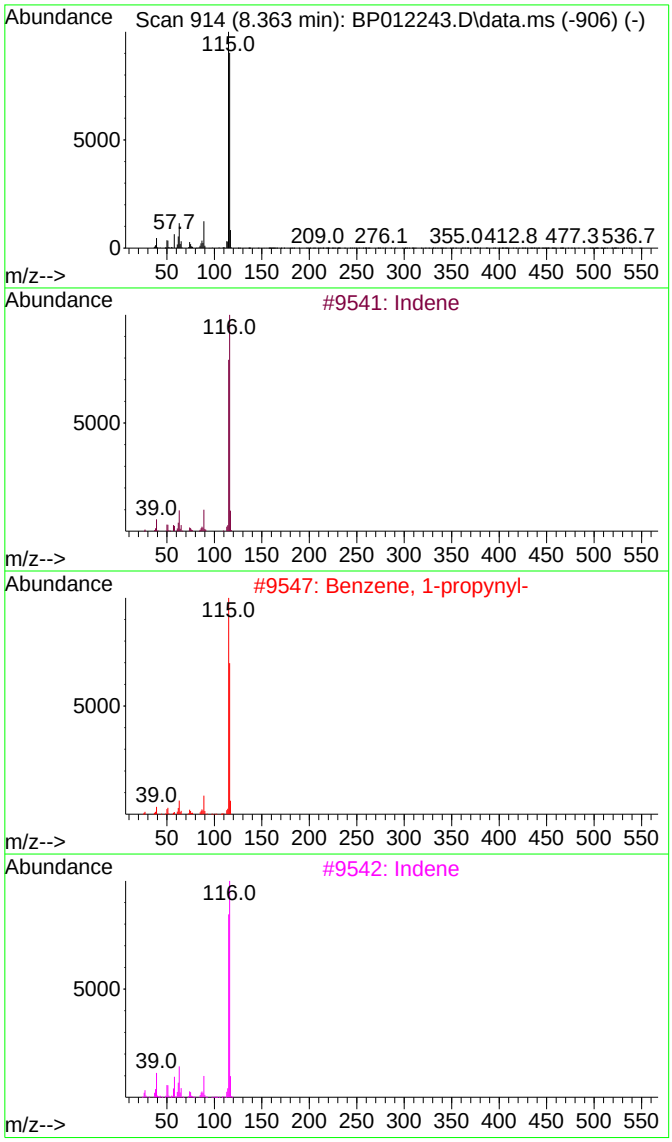
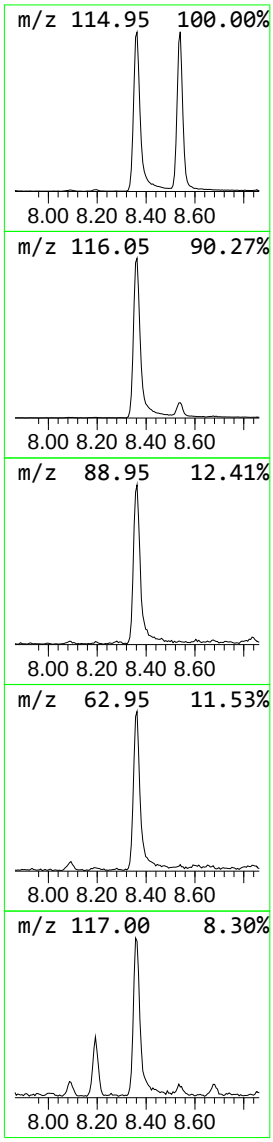
Peak Number 4 Indene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.363	15.67 ng/ul	1260210	1,4-Dichlorobenzene-d4	7.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Indene	116	C9H8	000095-13-6	94
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012243.D
Acq On : 21 Oct 2022 13:48
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Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

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

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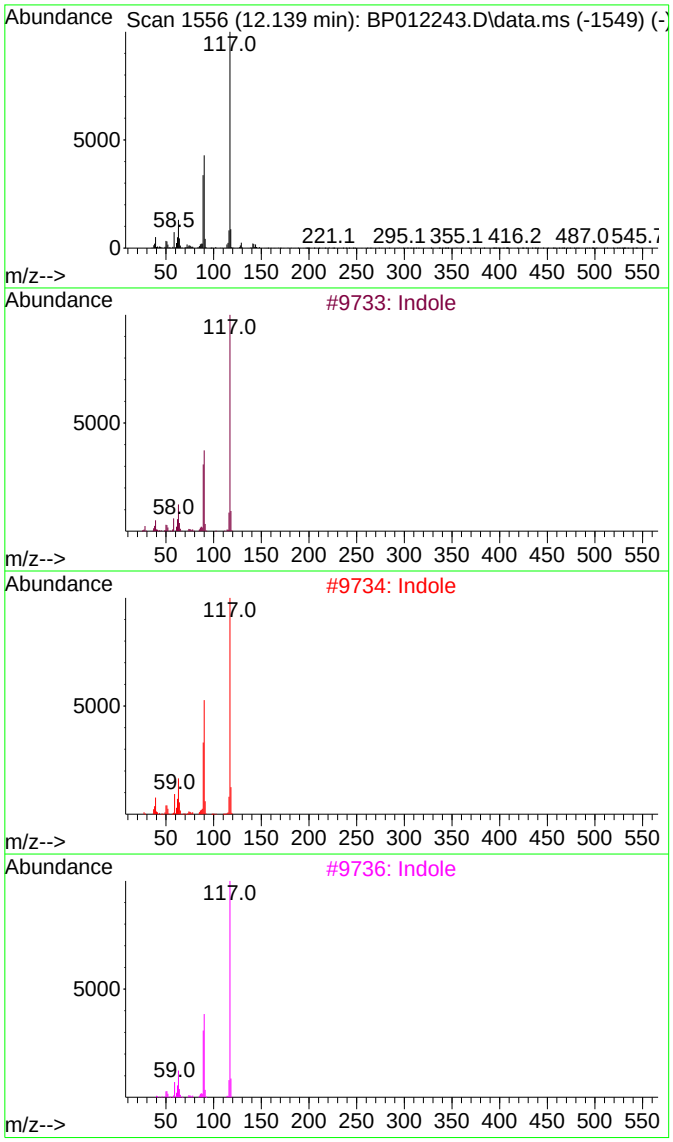
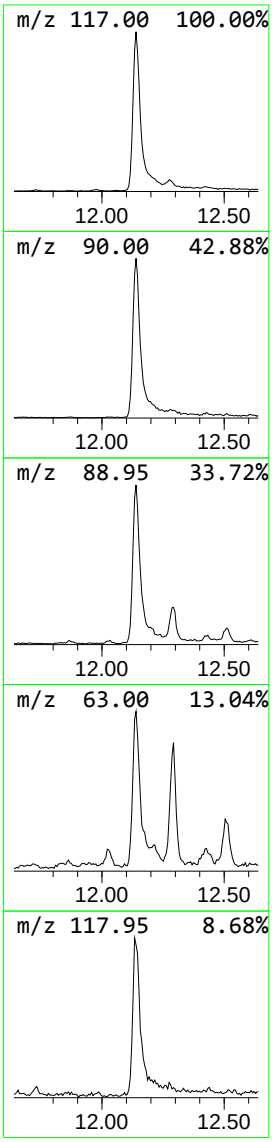
Peak Number 5 Indole Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.139	6.70 ng/ul	730724	Naphthalene-d8	10.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indole	117	C8H7N	000120-72-9	97
2	Indole	117	C8H7N	000120-72-9	97
3	Indole	117	C8H7N	000120-72-9	95
4	Benzyl nitrile	117	C8H7N	000140-29-4	91
5	Indole	117	C8H7N	000120-72-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012243.D
Acq On : 21 Oct 2022 13:48
Operator : CG/JU
Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

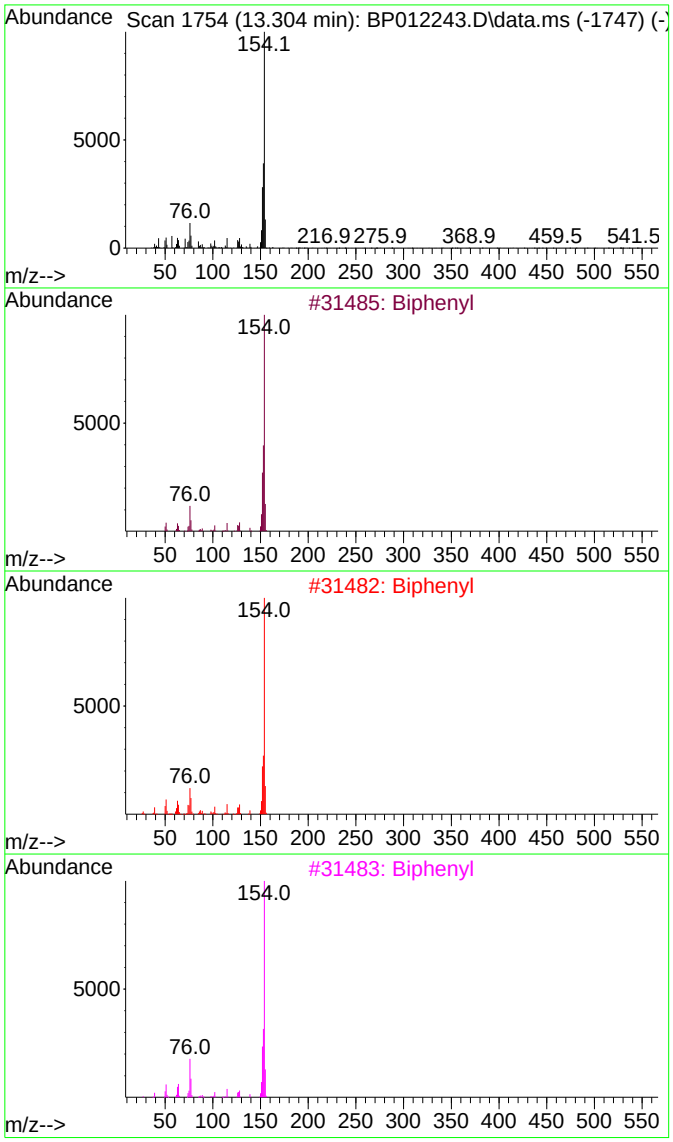
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

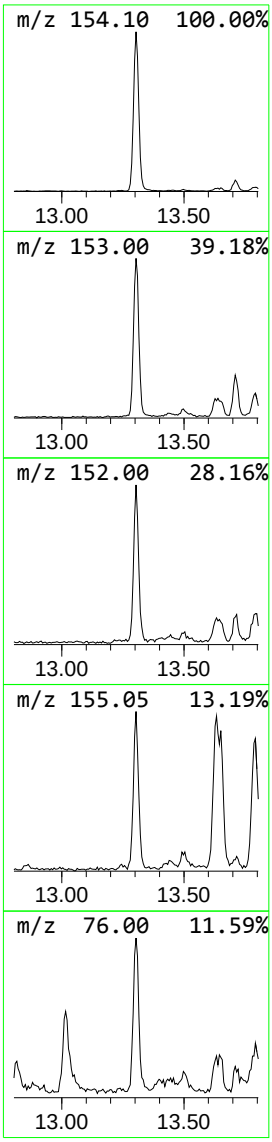
****

Peak Number 7 Biphenyl Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.304	3.29 ng/ul	432906	Acenaphthene-d10	14.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Biphenyl	154	C12H10	000092-52-4	94
3	Biphenyl	154	C12H10	000092-52-4	93
4	Biphenyl	154	C12H10	000092-52-4	93
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87





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Acq On : 21 Oct 2022 13:48
Operator : CG/JU
Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4

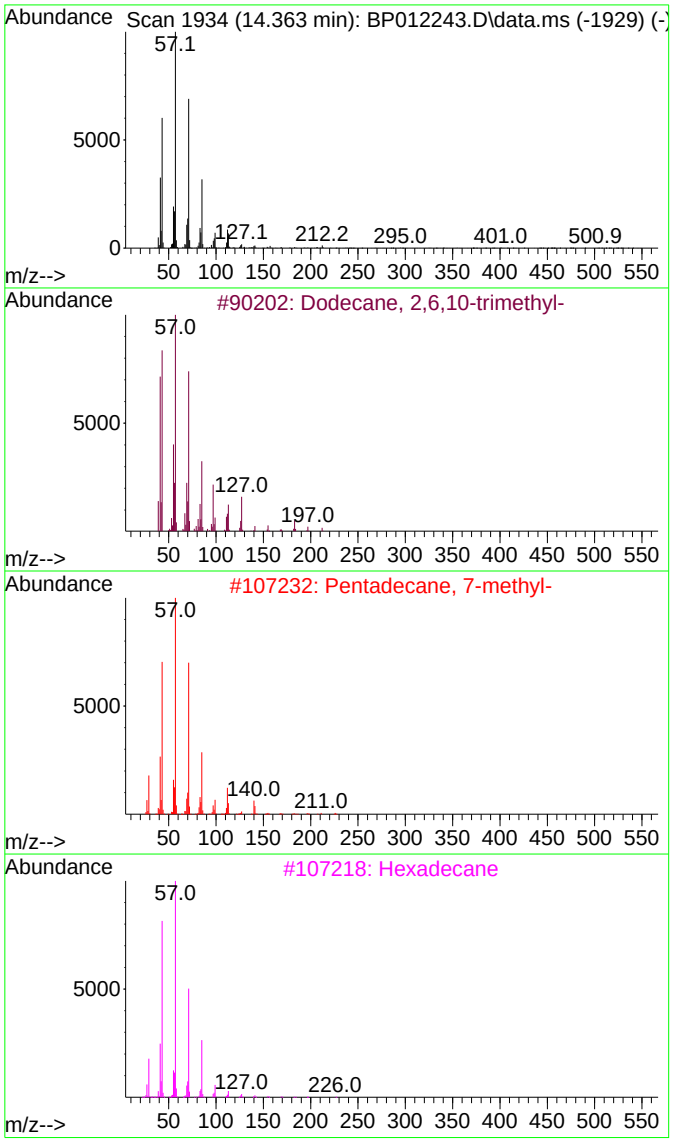
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

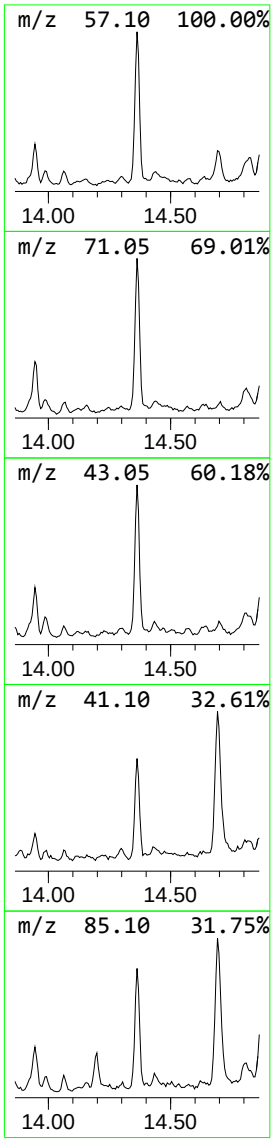
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.363	3.41 ng/ul	449213	Acenaphthene-d10	14.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	80
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	72





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Operator : CG/JU
Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

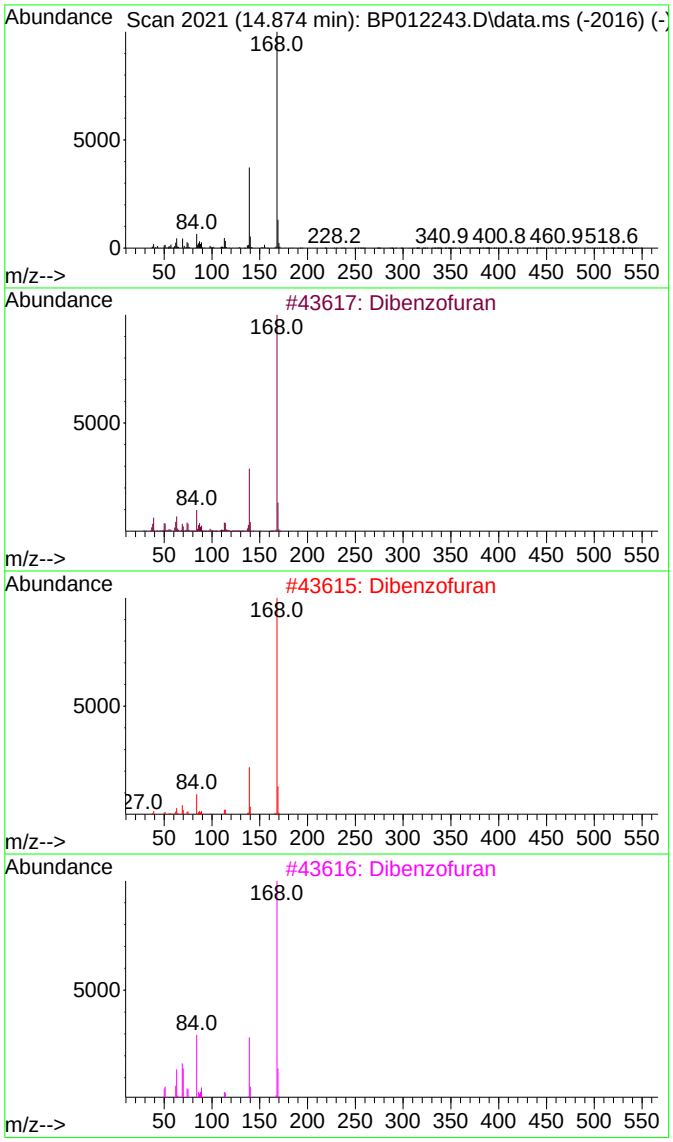
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

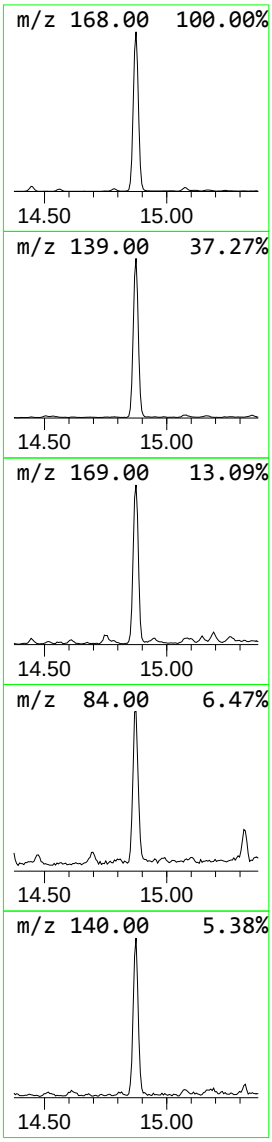
****

Peak Number 11 Dibenzofuran Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.874	13.97 ng/ul	1839910	Acenaphthene-d10	14.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	91
2	Dibenzofuran	168	C12H8O	000132-64-9	90
3	Dibenzofuran	168	C12H8O	000132-64-9	78
4	Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	64
5	1-Naphthalenecarbonitrile, 8-amino-	168	C11H8N2	038515-13-8	64





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Operator : CG/JU
Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4

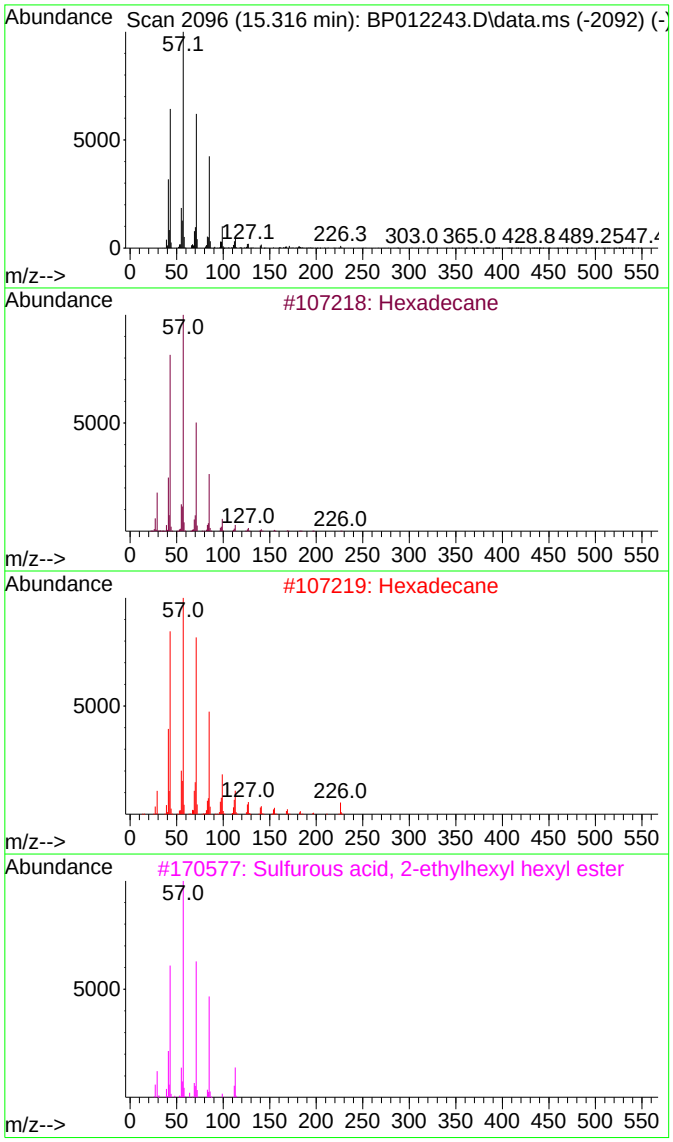
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

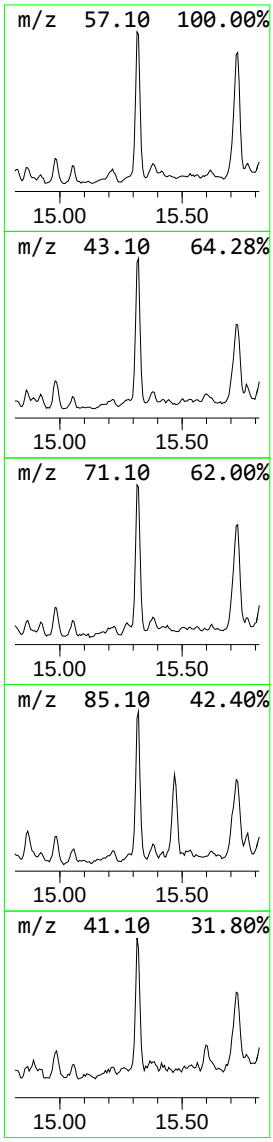
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.316	4.55 ng/ul	599314	Acenaphthene-d10	14.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Hexadecane	226	C16H34	000544-76-3	93
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	86
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
5	Nonadecane	268	C19H40	000629-92-5	80





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Operator : CG/JU
Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4

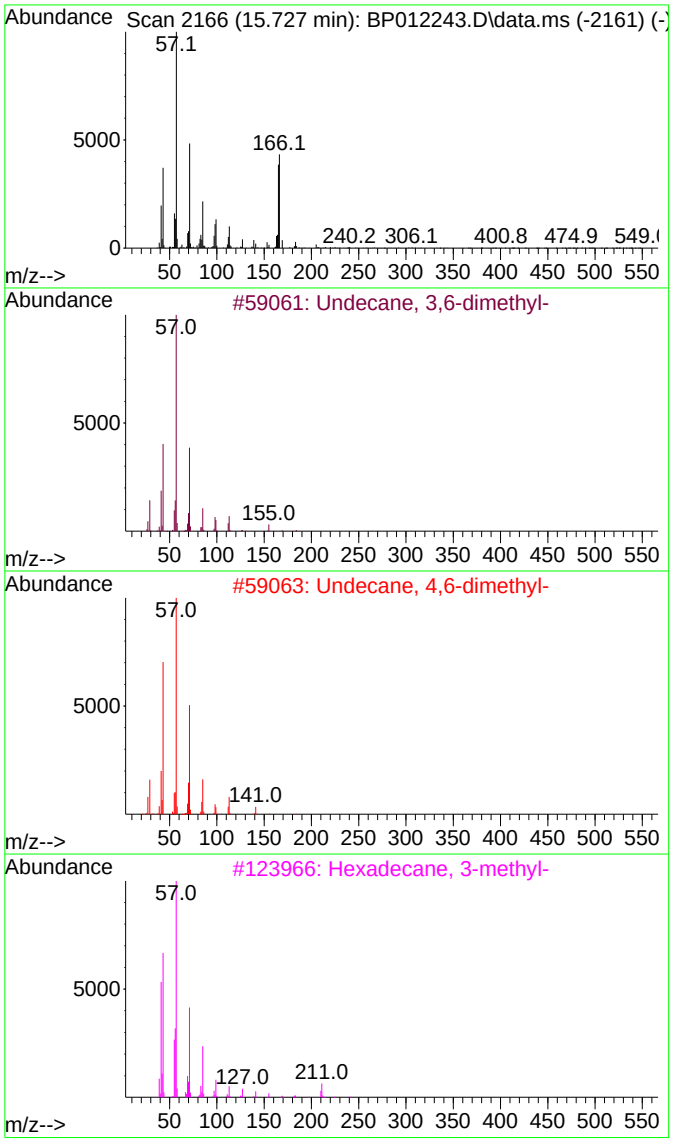
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

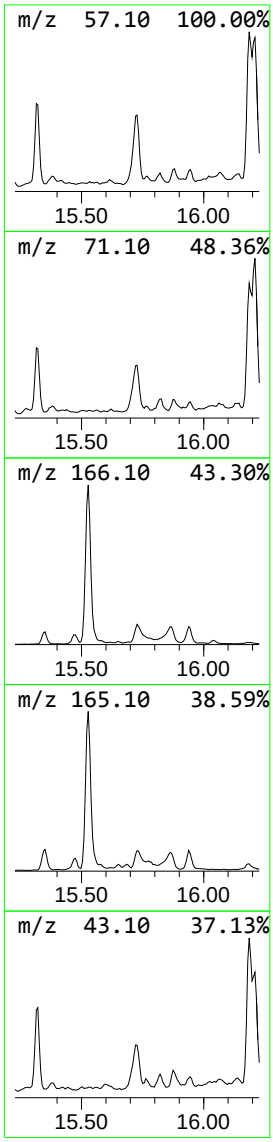
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.727	4.51 ng/ul	594034	Acenaphthene-d10	14.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	46
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	45
3	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	43
4	Heptacosane	380	C27H56	000593-49-7	38
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	38





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Operator : CG/JU
Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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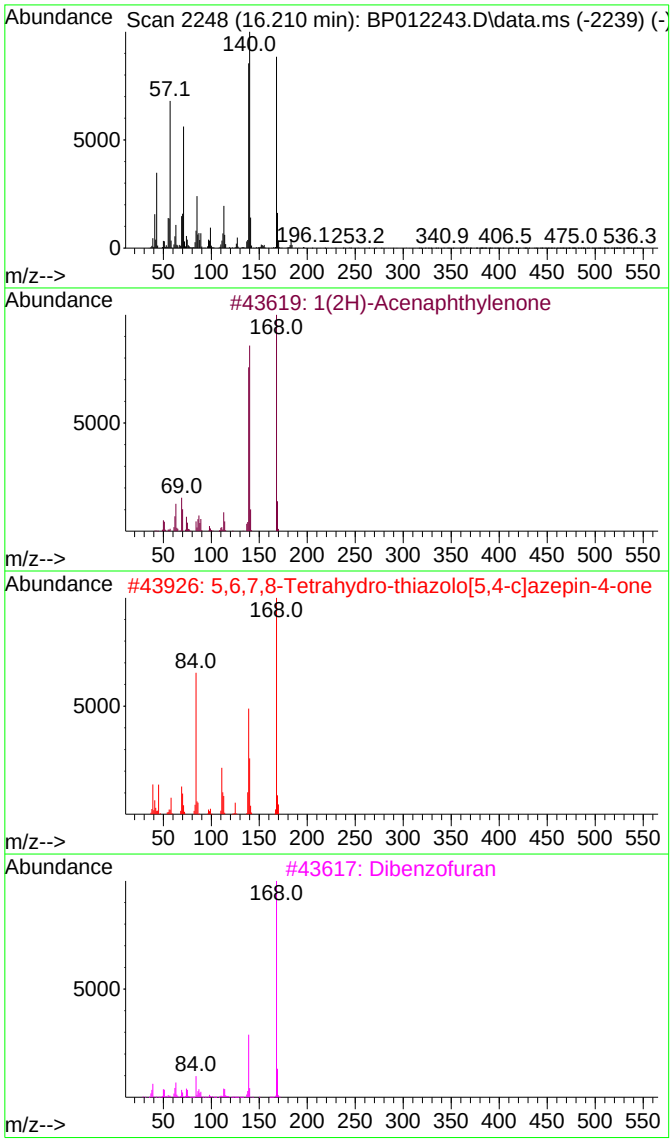
Quant Title : SVOA CALIBRATION

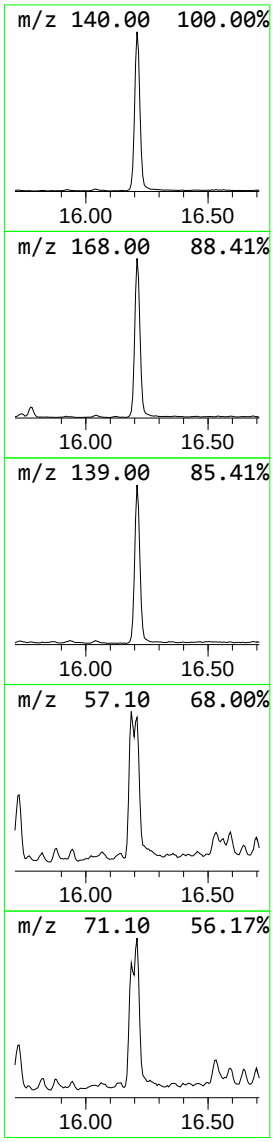
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1(2H)-Acenaphthylenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.210	30.37 ng/ul	4845950	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	96
2	5,6,7,8-Tetrahydro-thiazolo[5,4-...	168	C7H8N2OS	1000317-75-4	47
3	Dibenzofuran	168	C12H8O	000132-64-9	46
4	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	43
5	Ethyl maltol	140	C7H8O3	004940-11-8	43





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Operator : CG/JU
Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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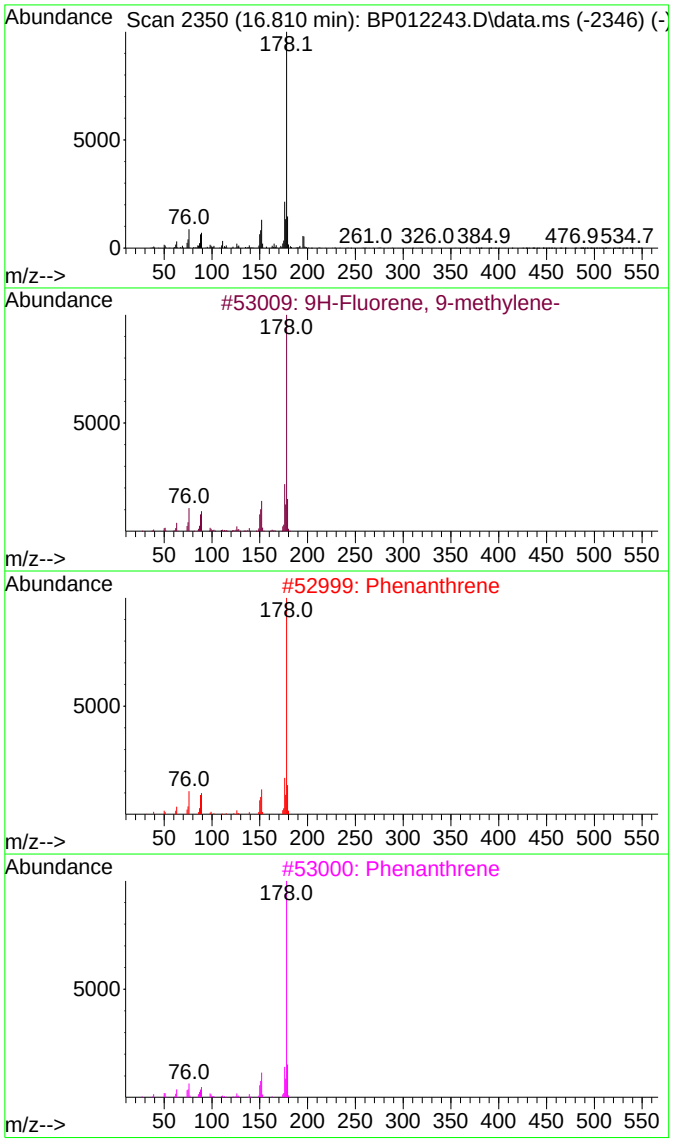
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

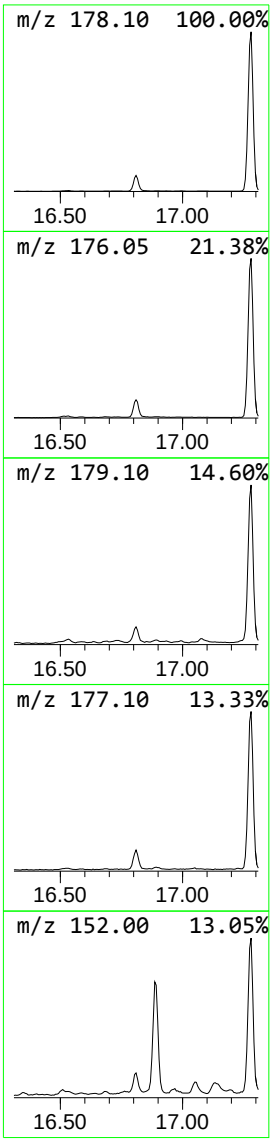
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9H-Fluorene, 9-methylene- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.810	4.64 ng/ul	739941	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methylene-	178	C14H10	004425-82-5	96
2	Phenanthrene	178	C14H10	000085-01-8	95
3	Phenanthrene	178	C14H10	000085-01-8	95
4	Anthracene	178	C14H10	000120-12-7	95
5	Anthracene	178	C14H10	000120-12-7	95





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Operator : CG/JU
Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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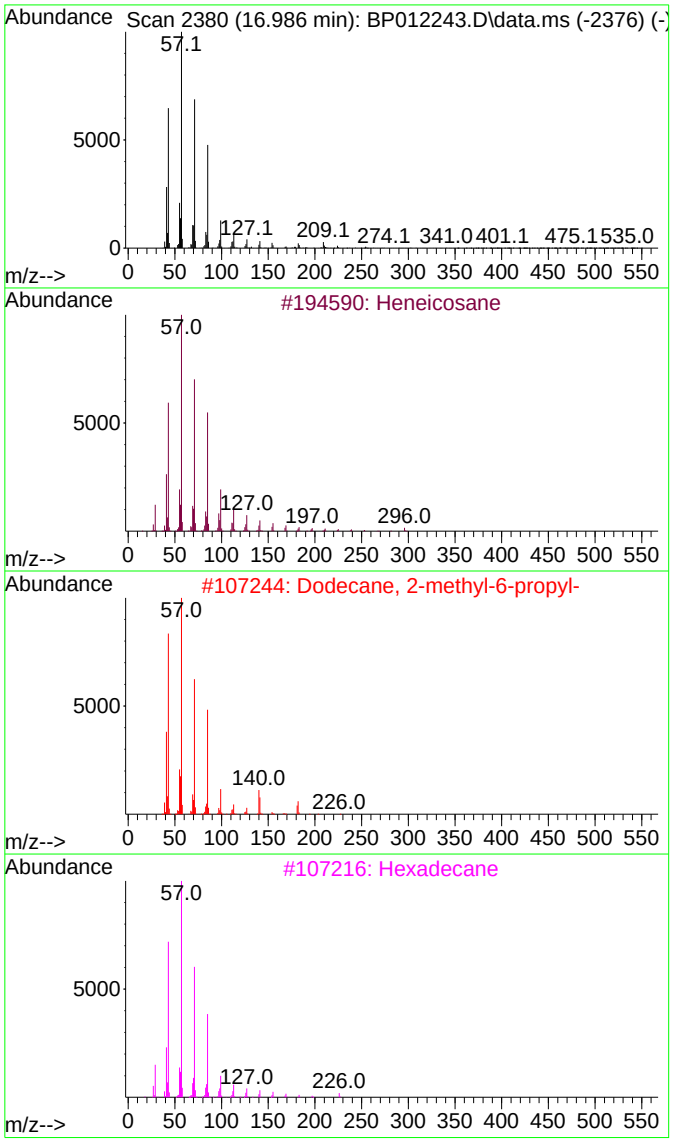
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

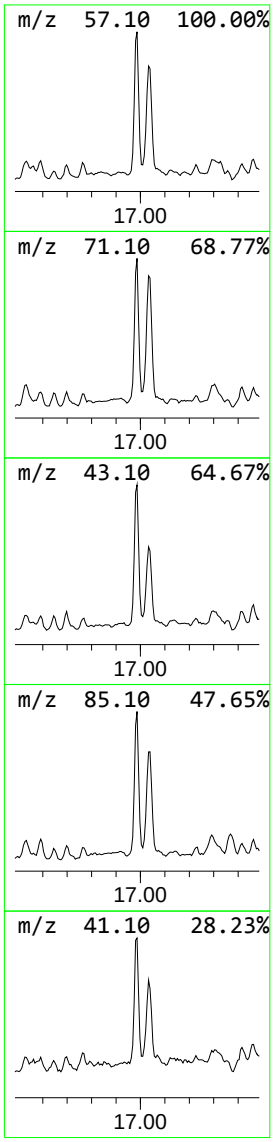
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.986	8.38 ng/ul	1337310	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Octadecane	254	C18H38	000593-45-3	90
5	Pentadecane	212	C15H32	000629-62-9	90





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Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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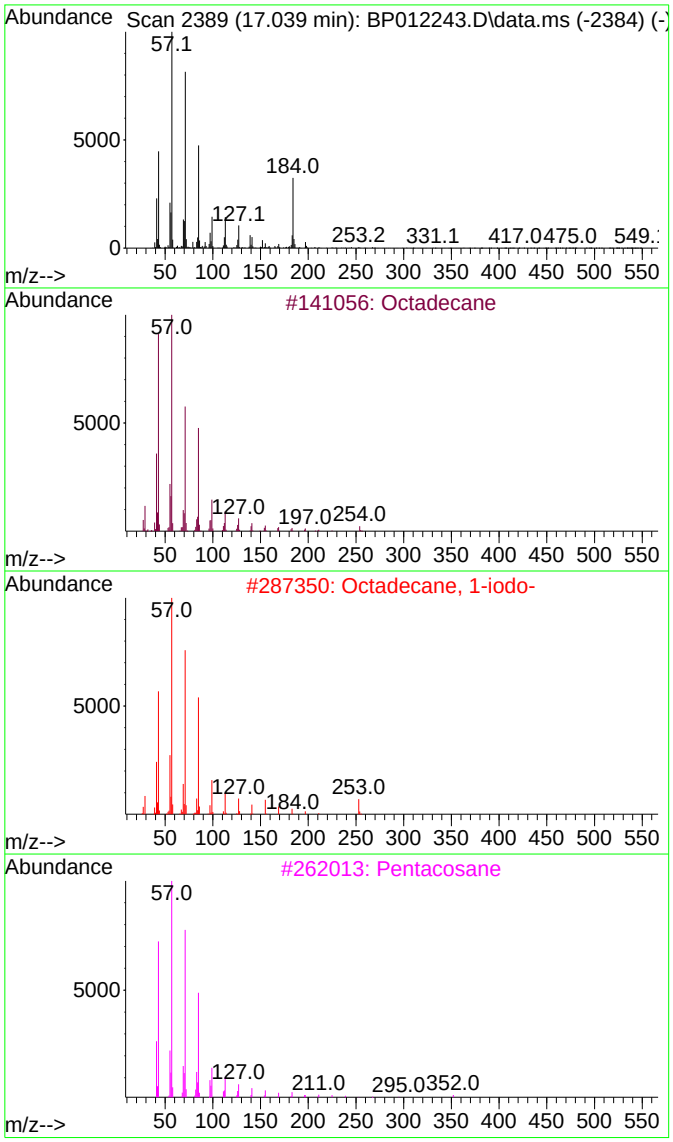
Quant Title : SVOA CALIBRATION

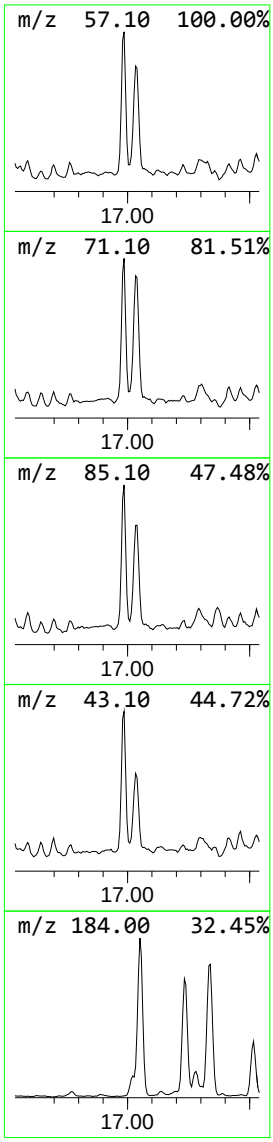
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.039	13.79 ng/ul	2200990	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	80
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
3	Pentacosane	352	C25H52	000629-99-2	74
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
5	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	72





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ALS Vial : 38 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

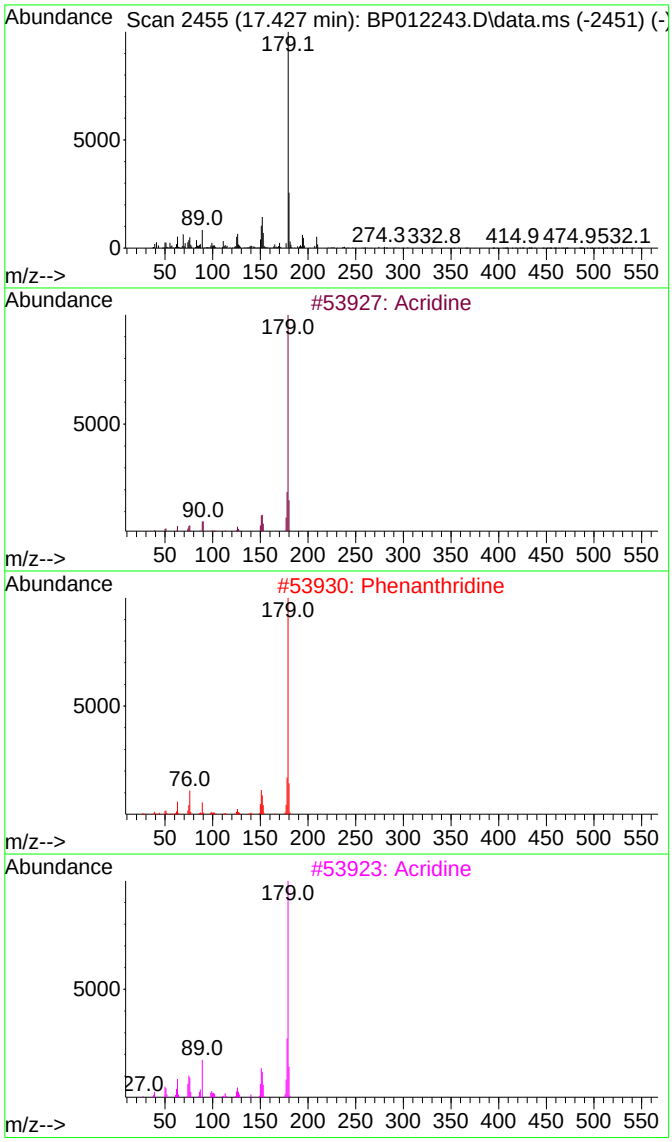
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

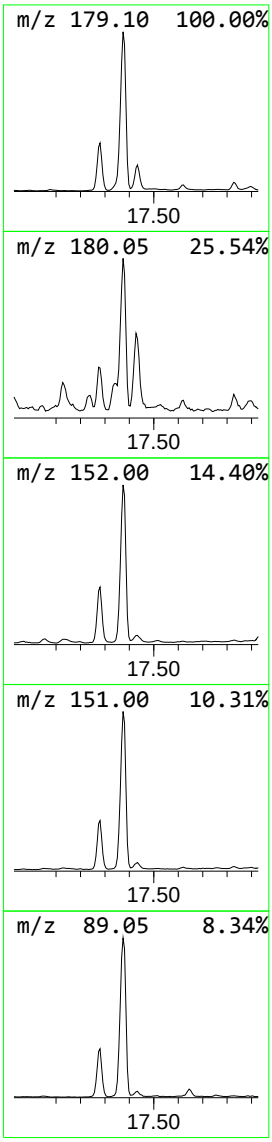
****

Peak Number 19 Acridine Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.427	3.68 ng/ul	587530	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	68
2	Phenanthridine	179	C13H9N	000229-87-8	68
3	Acridine	179	C13H9N	000260-94-6	64
4	Phenanthridine	179	C13H9N	000229-87-8	64
5	Benzo[f]quinoline	179	C13H9N	000085-02-9	64





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Misc :
ALS Vial : 38 Sample Multiplier: 1

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BNA_P
ClientSampleId :
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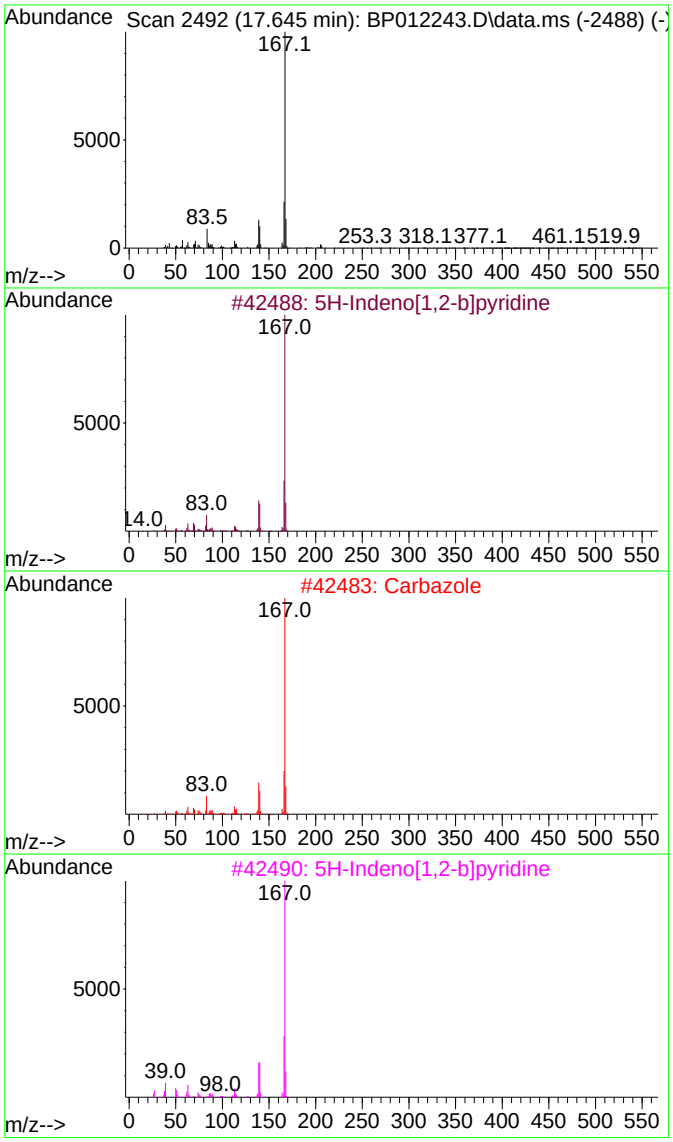
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

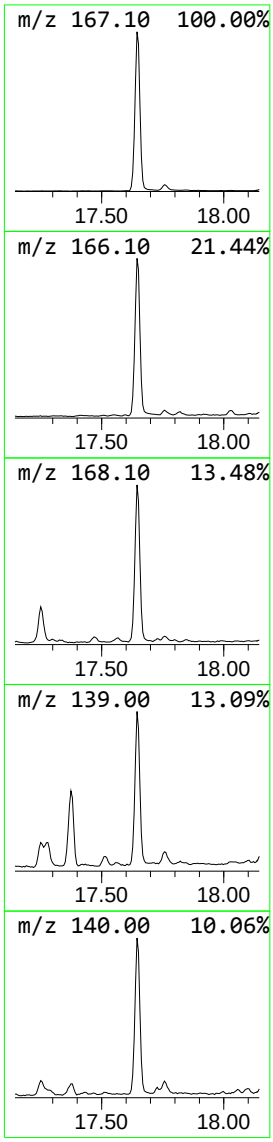
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 5H-Indeno[1,2-b]pyridine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.645	23.27 ng/ul	3712990	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	97
2	Carbazole	167	C12H9N	000086-74-8	96
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
4	Carbazole	167	C12H9N	000086-74-8	91
5	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	90





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Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

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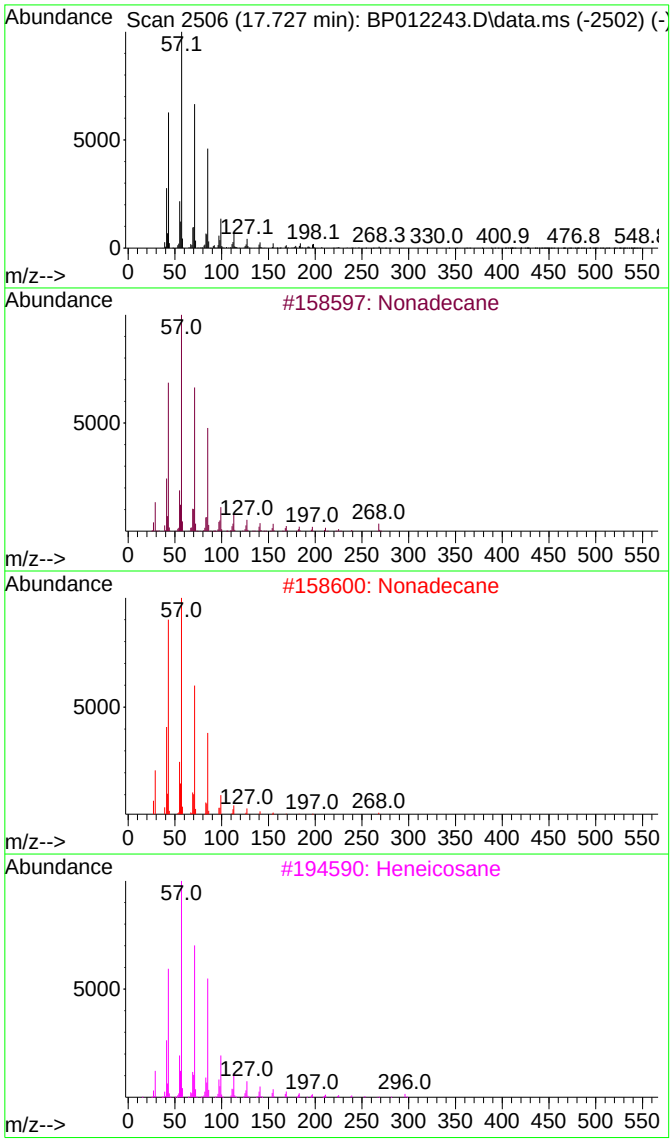
Quant Title : SVOA CALIBRATION

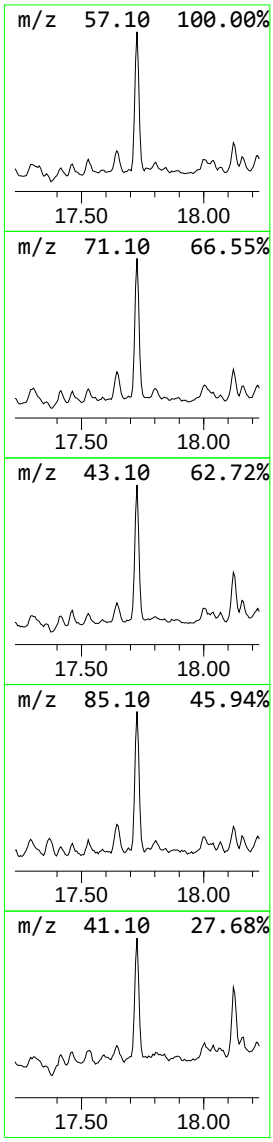
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.727	10.29 ng/ul	1642790	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90





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Operator : CG/JU
Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4

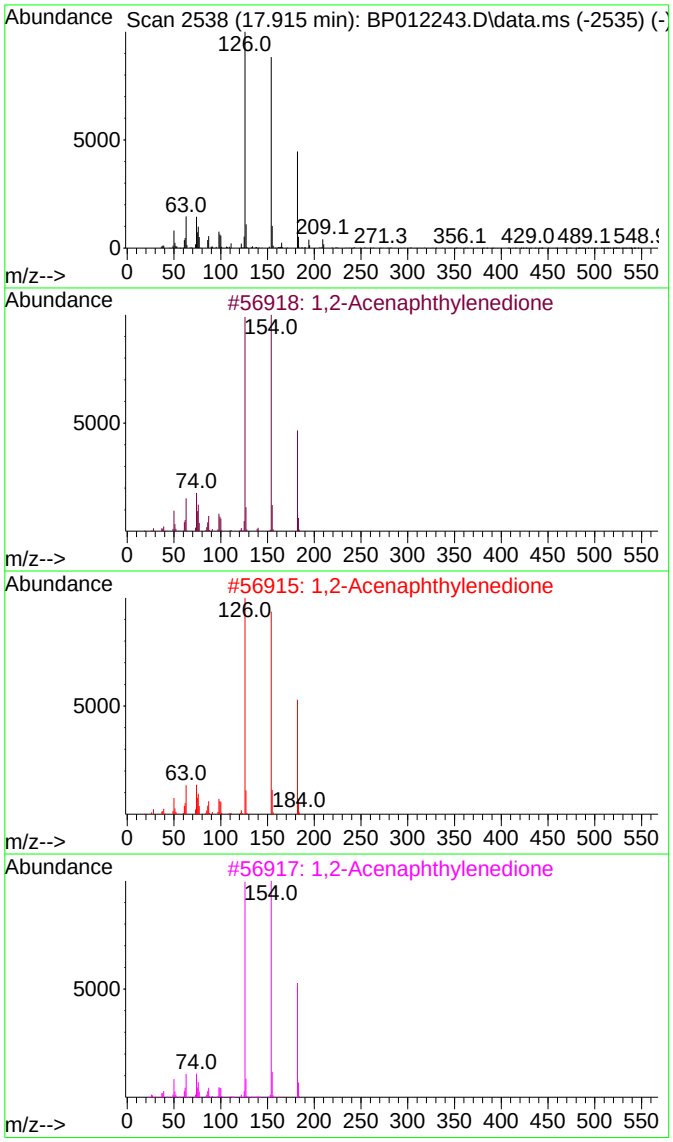
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

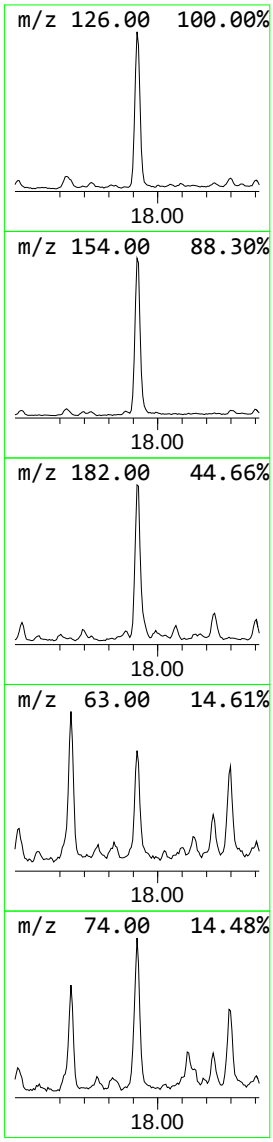
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1,2-Acenaphthylenedione Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.915	6.31 ng/ul	1006760	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Acenaphthylenedione	182	C12H6O2	000082-86-0	98
2	1,2-Acenaphthylenedione	182	C12H6O2	000082-86-0	98
3	1,2-Acenaphthylenedione	182	C12H6O2	000082-86-0	97
4	1,2-Acenaphthylenedione	182	C12H6O2	000082-86-0	96
5	1H-Benz[f]indene-1,2,3-trione	210	C13H6O3	020927-01-9	70





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Acq On : 21 Oct 2022 13:48
Operator : CG/JU
Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4

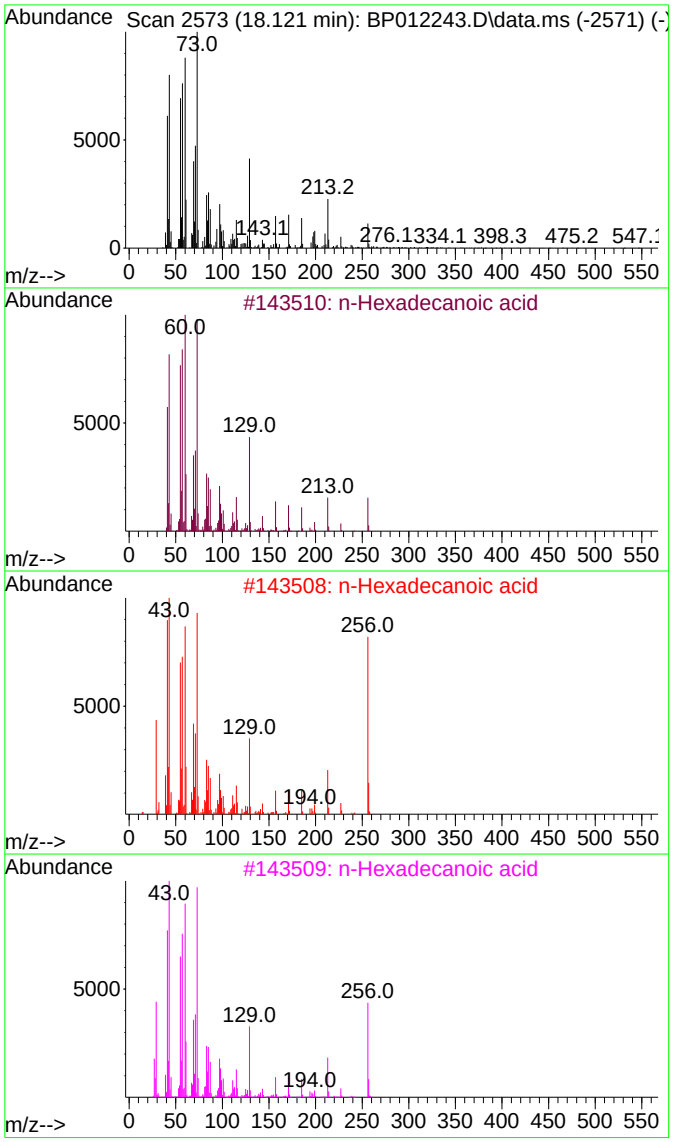
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

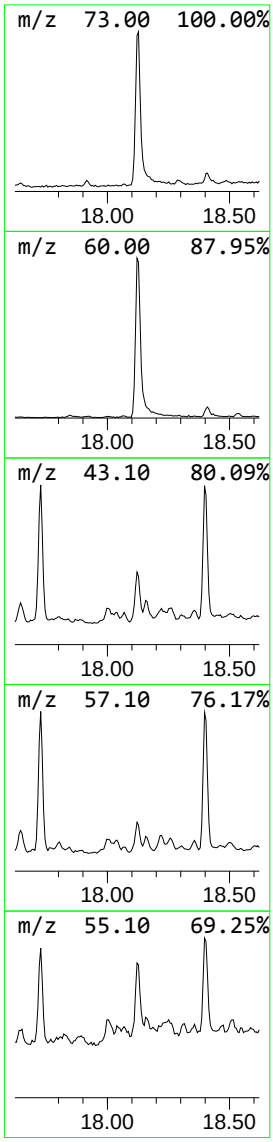
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 n-Hexadecanoic acid Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	3.14 ng/ul	501471	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





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Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

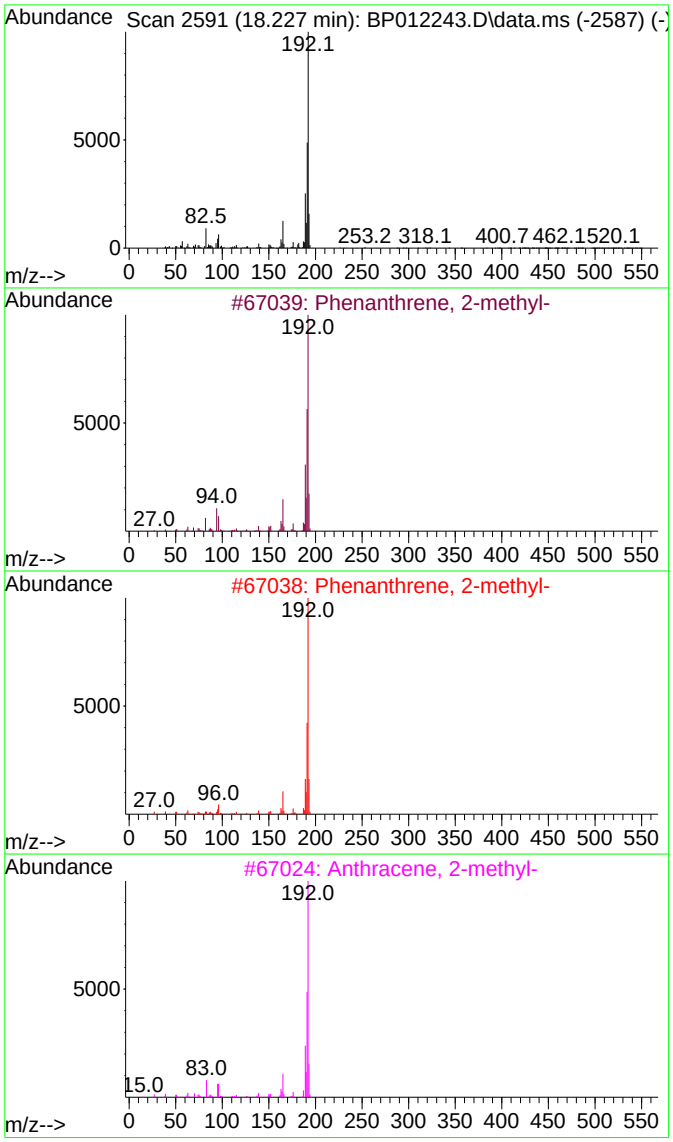
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

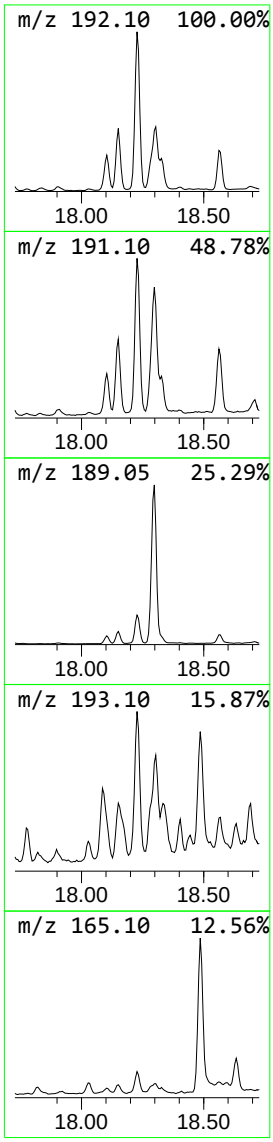
****

Peak Number 24 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.227	11.80 ng/ul	1883250	Phenanthrene-d10	17.233

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





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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
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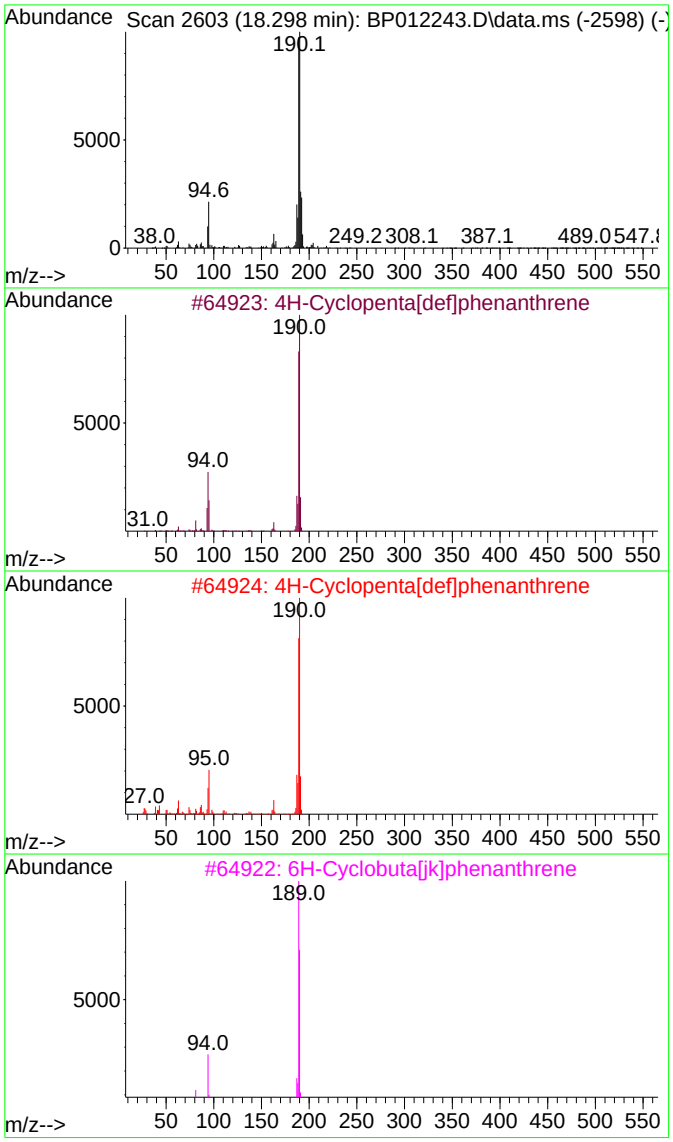
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

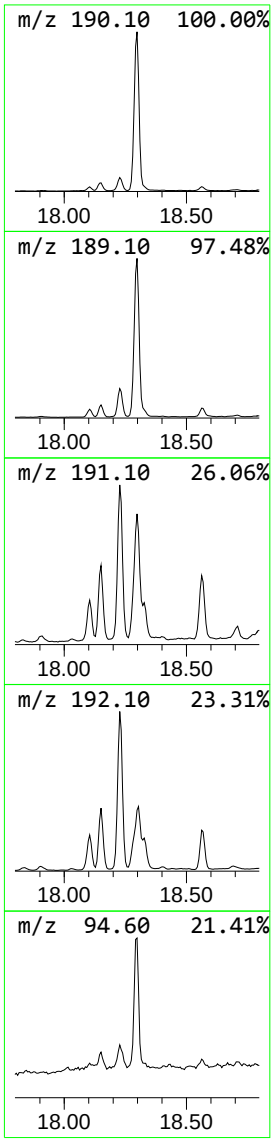
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	24.69 ng/ul	3940500	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
5	Methyl diselenide	190	C2H6Se2	007101-31-7	49





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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4

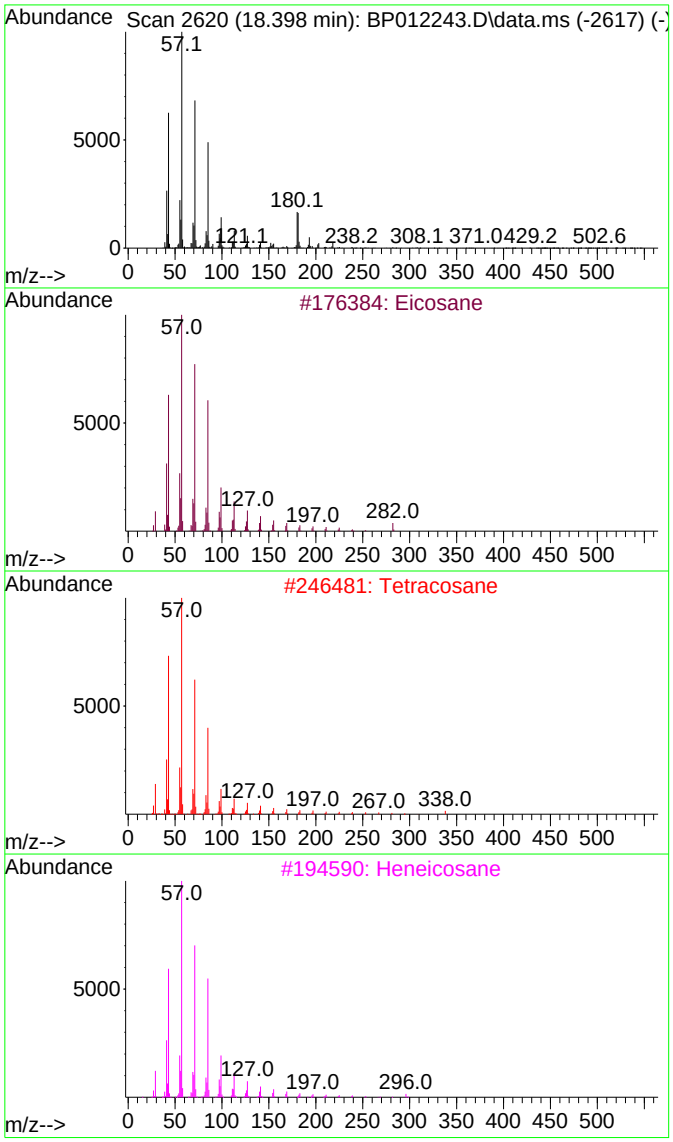
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

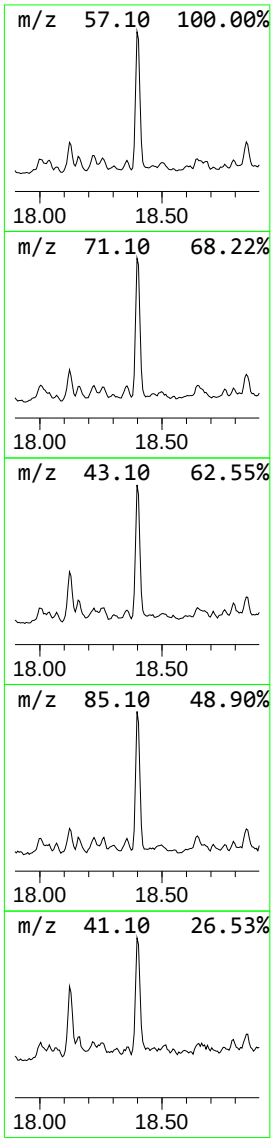
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.398	12.35 ng/ul	1970700	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Tetracosane	338	C24H50	000646-31-1	74
3	Heneicosane	296	C21H44	000629-94-7	74
4	Nonadecane	268	C19H40	000629-92-5	74
5	Heptadecane	240	C17H36	000629-78-7	74





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Operator : CG/JU
Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

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

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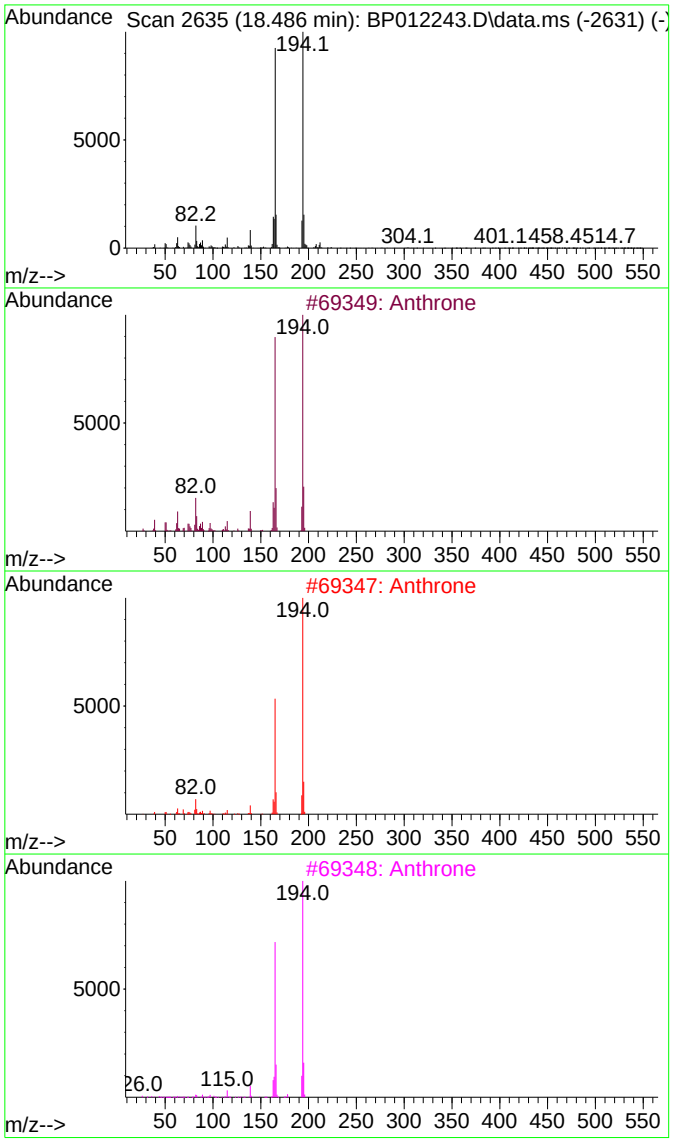
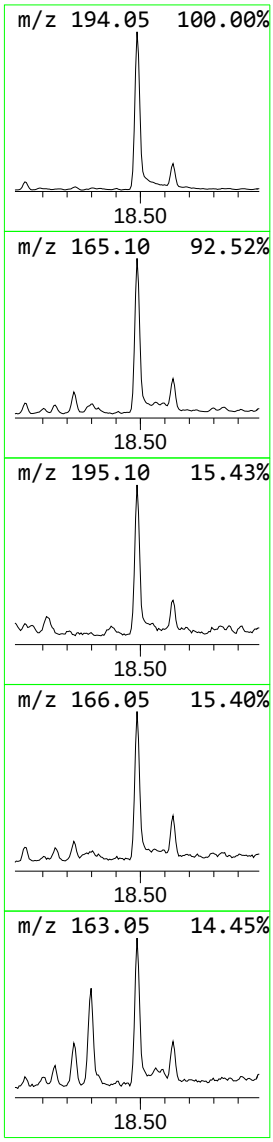
Peak Number 27 Anthrone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.486	15.75 ng/ul	2513340	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	97
2	Anthrone	194	C14H10O	000090-44-8	95
3	Anthrone	194	C14H10O	000090-44-8	94
4	Ethenone, 2,2-diphenyl-	194	C14H10O	000525-06-4	93
5	Anthrone	194	C14H10O	000090-44-8	91





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Sample : N4755-08
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Instrument :
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Quant Title : SVOA CALIBRATION

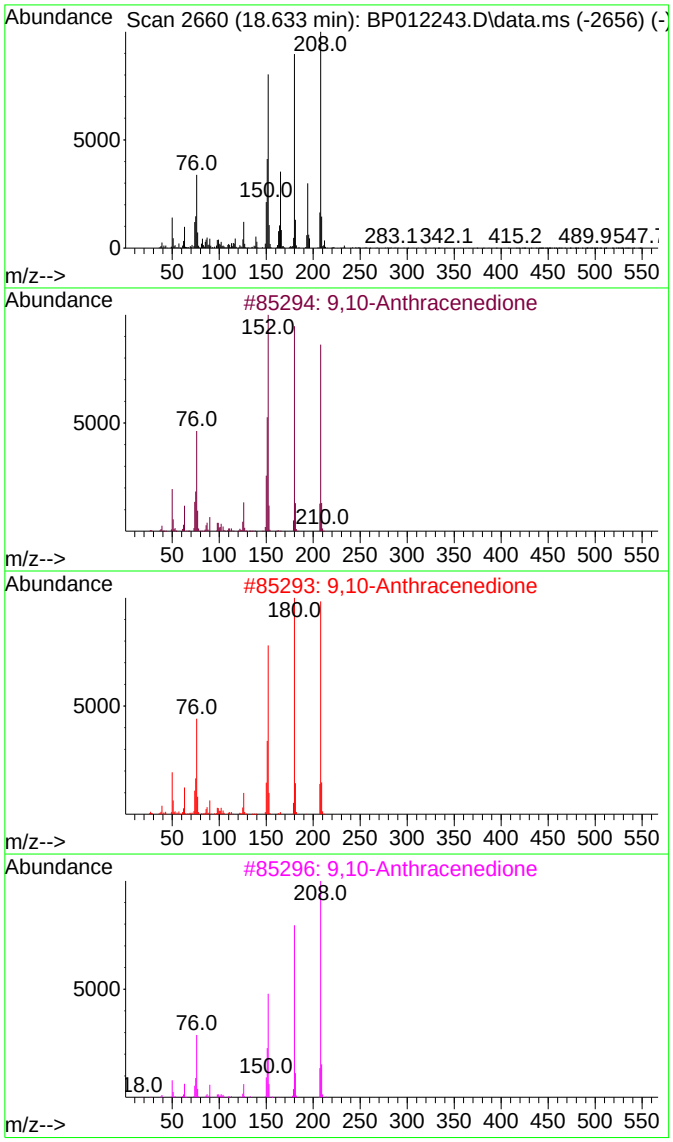
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

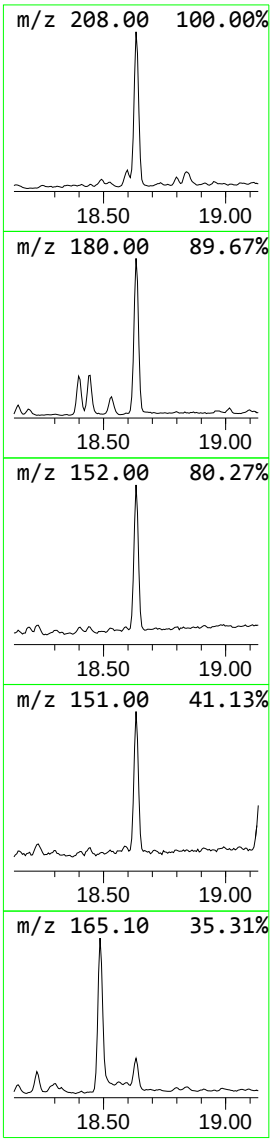
****

Peak Number 28 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.633	13.49 ng/ul	2153030	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	90





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Operator : CG/JU
Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DBWK4

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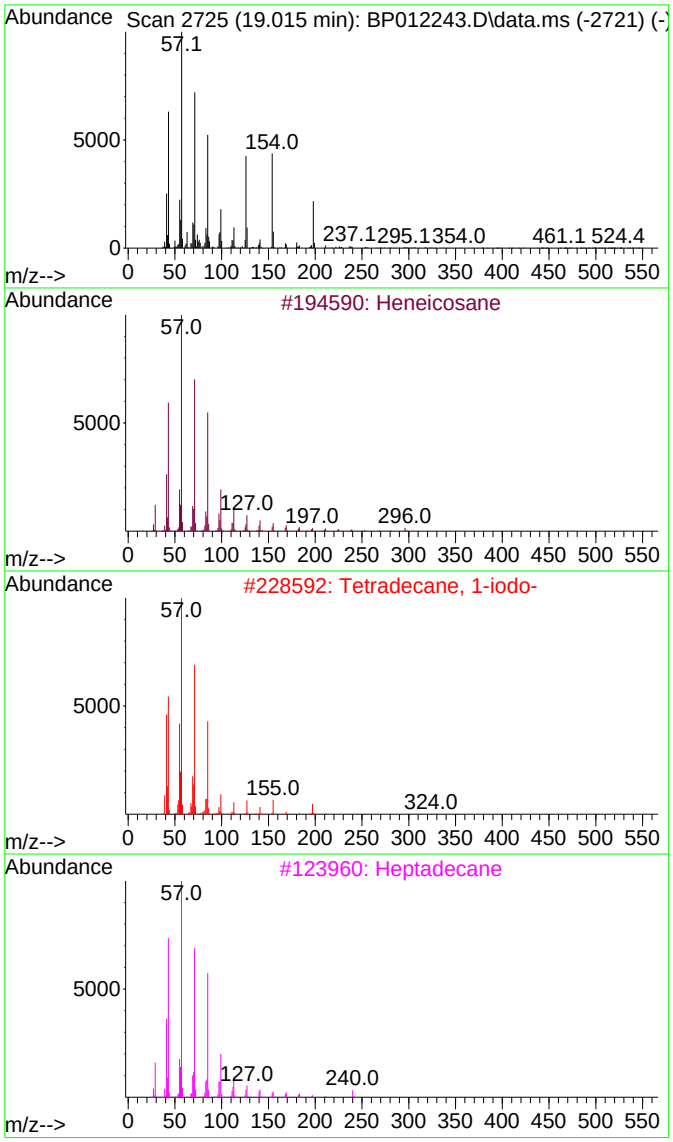
Quant Title : SVOA CALIBRATION

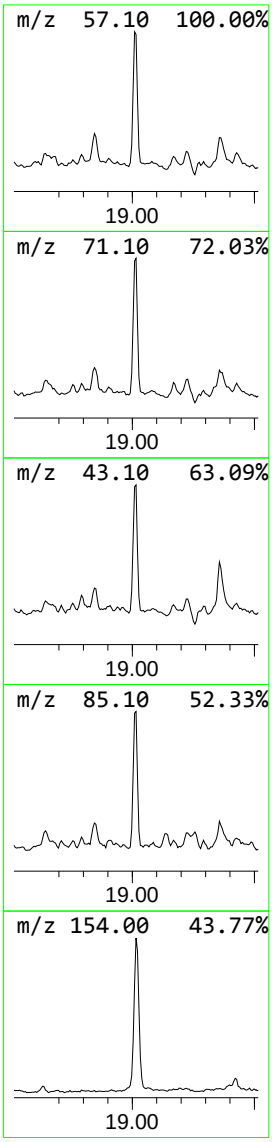
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.015	11.34 ng/ul	1809070	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	55
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	55
3	Heptadecane	240	C17H36	000629-78-7	49
4	Tetradecane	198	C14H30	000629-59-4	49
5	Nonadecane	268	C19H40	000629-92-5	49





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Operator : CG/JU
Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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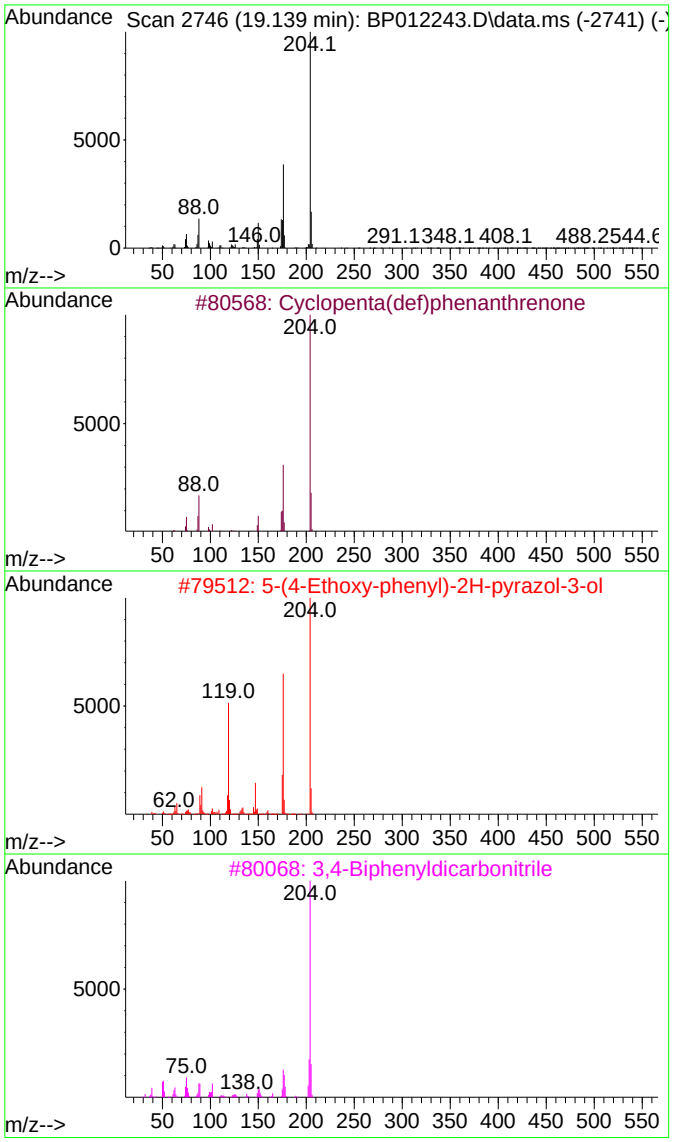
Quant Title : SVOA CALIBRATION

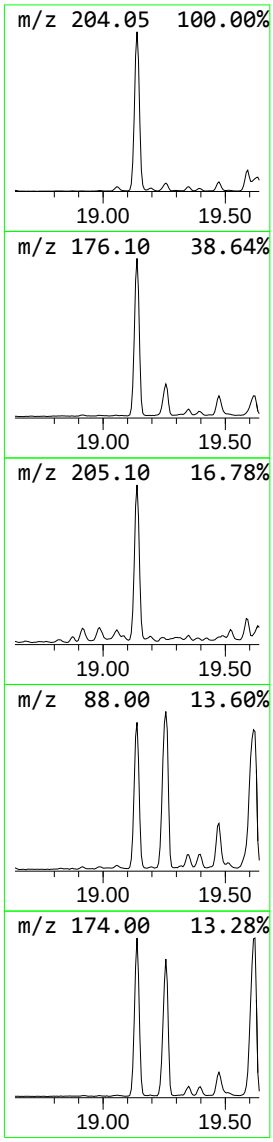
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Cyclopenta(def)phenanthrenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.139	52.26 ng/ul	8339140	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	64
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	58
5	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53





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ALS Vial : 38 Sample Multiplier: 1

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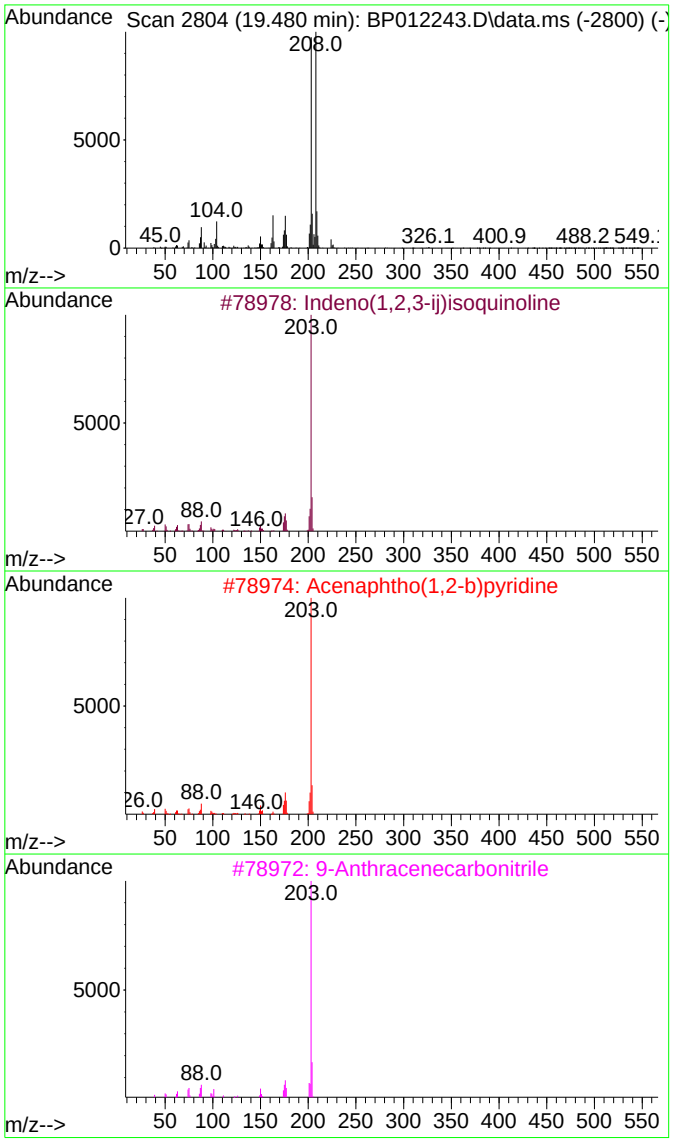
Quant Title : SVOA CALIBRATION

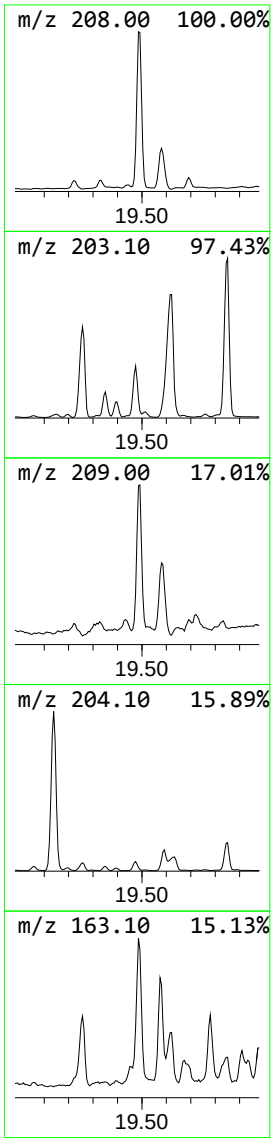
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Indeno(1,2,3-ij)isoquinoline Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.480	3.65 ng/ul	3152670	Chrysene-d12	21.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	94
2	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	90
3	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	86
4	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	64
5	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	62





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ALS Vial : 38 Sample Multiplier: 1

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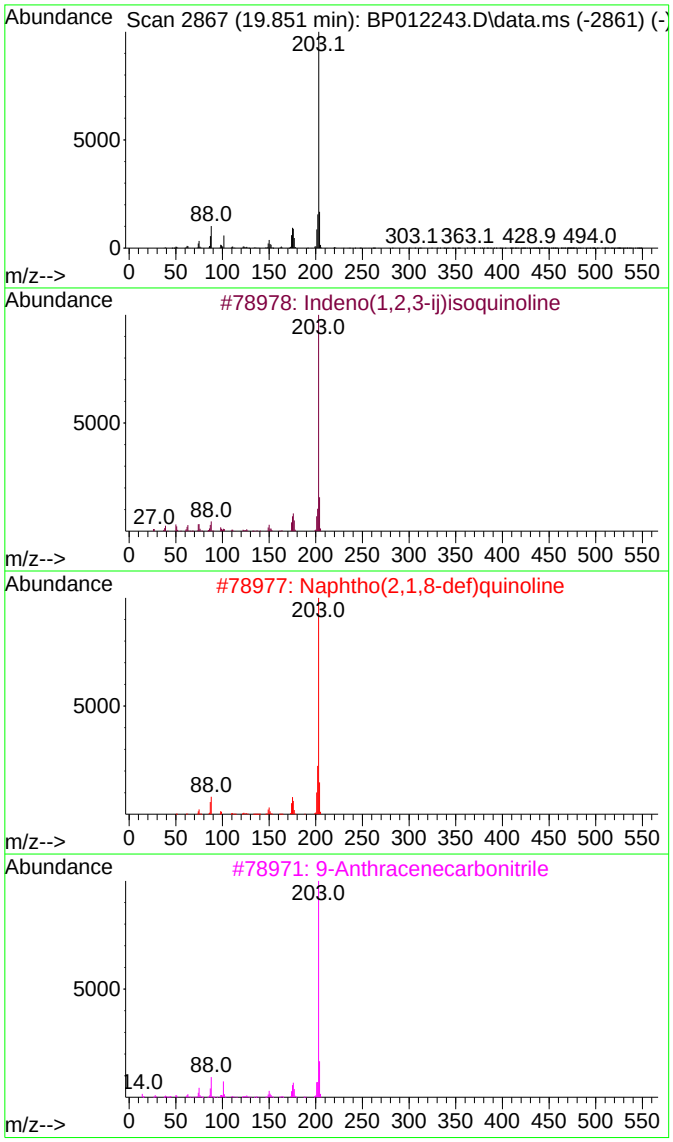
Quant Title : SVOA CALIBRATION

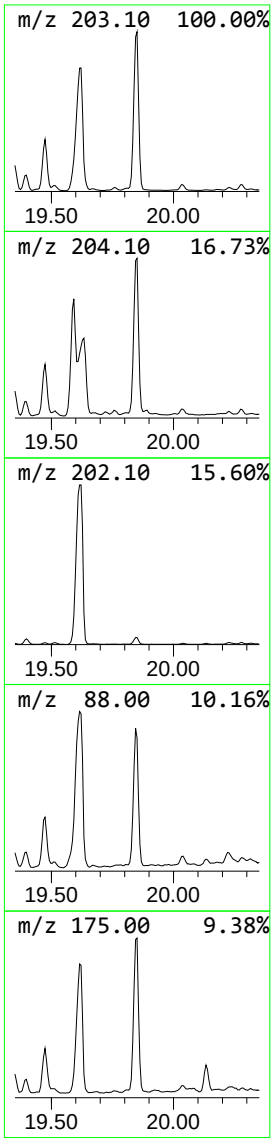
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Naphtho(2,1,8-def)quinoline Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.851	8.54 ng/ul	7370510	Chrysene-d12	21.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	97
2	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	97
3	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	97
4	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	96
5	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	95





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ClientSampleId :
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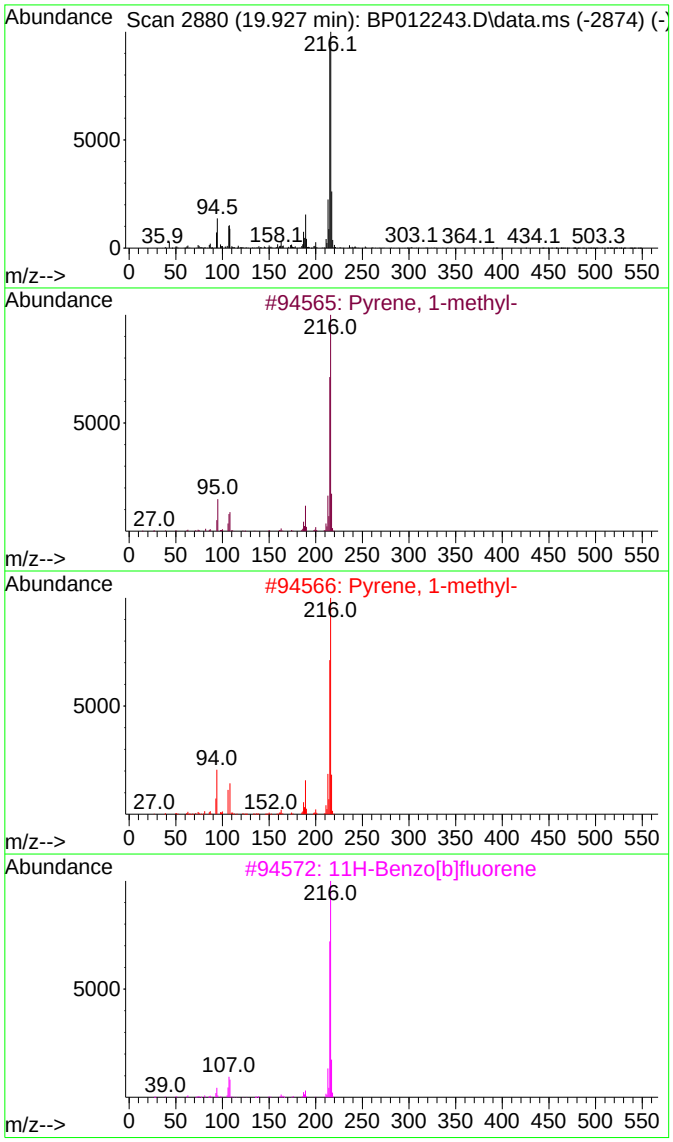
Quant Title : SVOA CALIBRATION

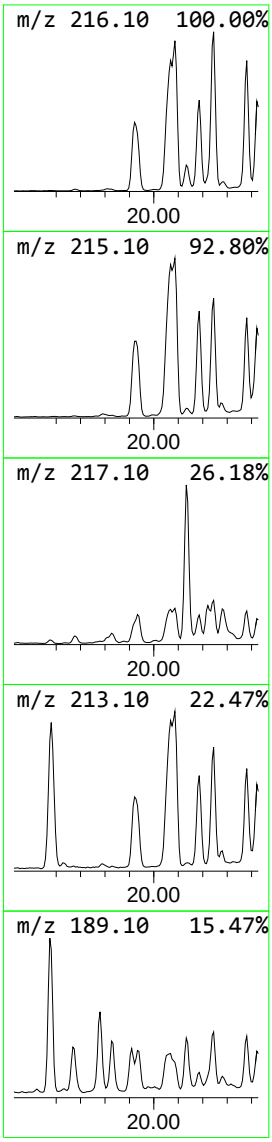
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Pyrene, 1-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.927	3.84 ng/ul	3314030	Chrysene-d12	21.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





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Operator : CG/JU
Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

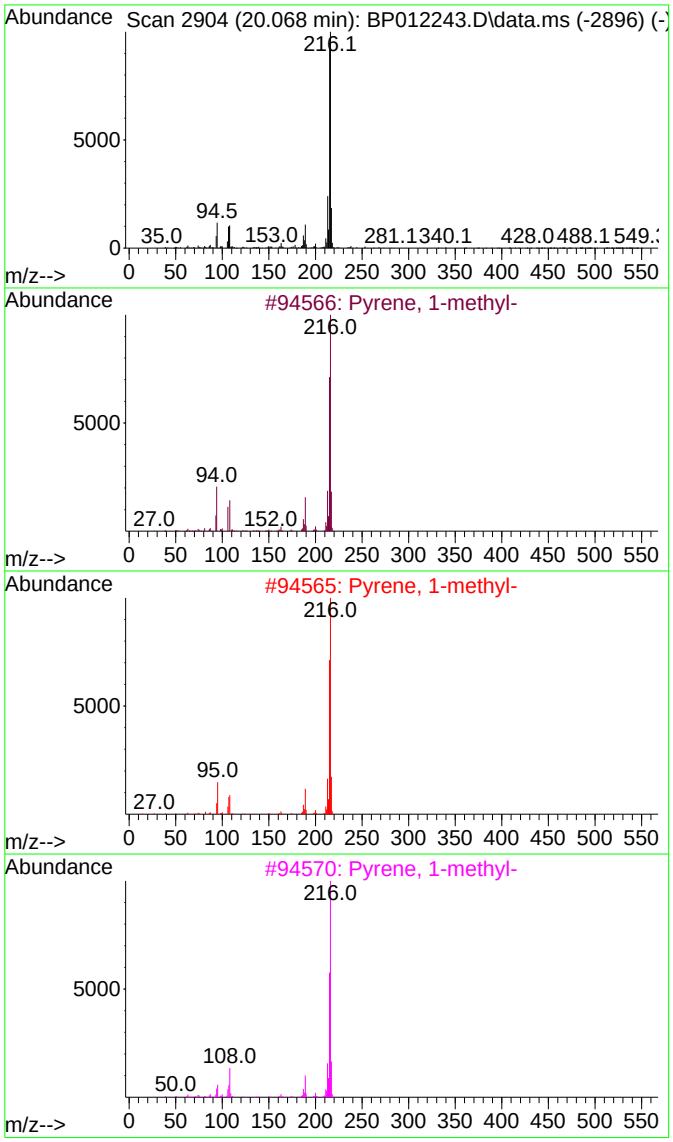
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

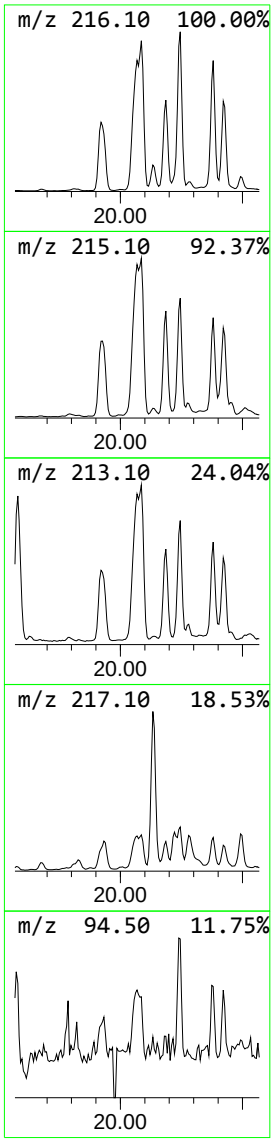
****

Peak Number 34 Fluoranthene, 2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.068	5.82 ng/ul	5018600	Chrysene-d12	21.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91





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Data File : BP012243.D
Acq On : 21 Oct 2022 13:48
Operator : CG/JU
Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

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

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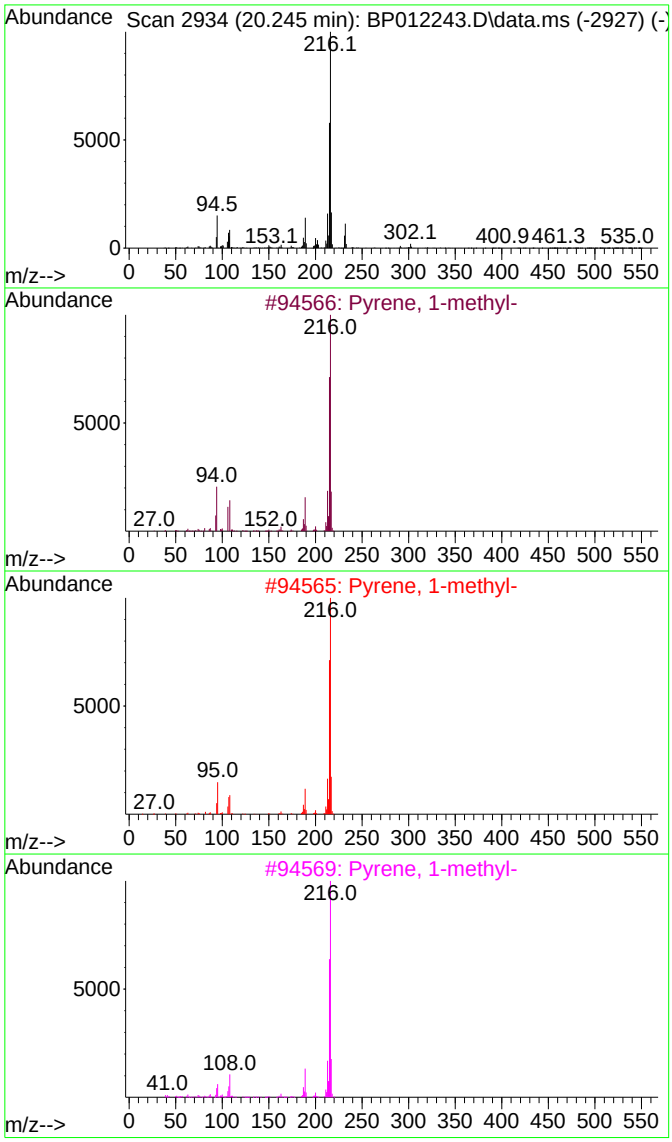
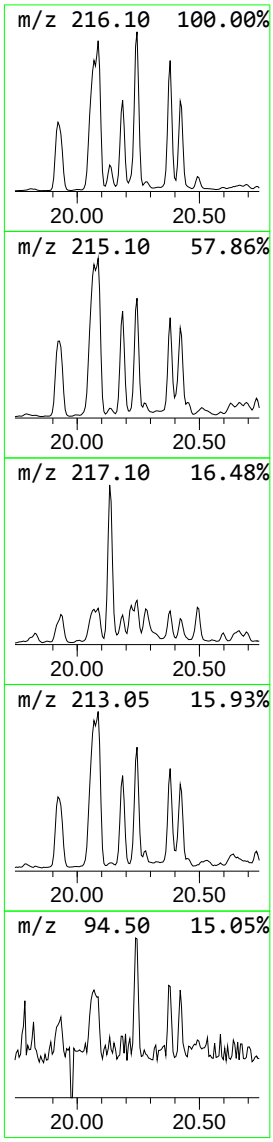
Peak Number 37 Pyrene, 4-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.245	5.84 ng/ul	5037450	Chrysene-d12	21.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94





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Acq On : 21 Oct 2022 13:48
Operator : CG/JU
Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

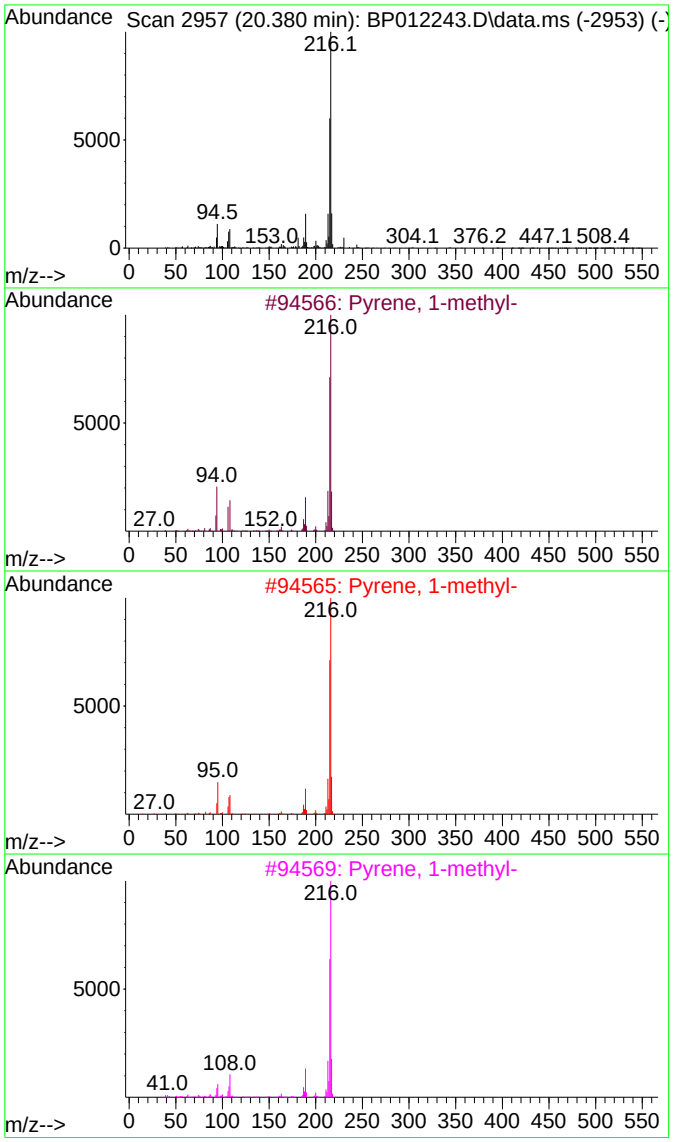
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

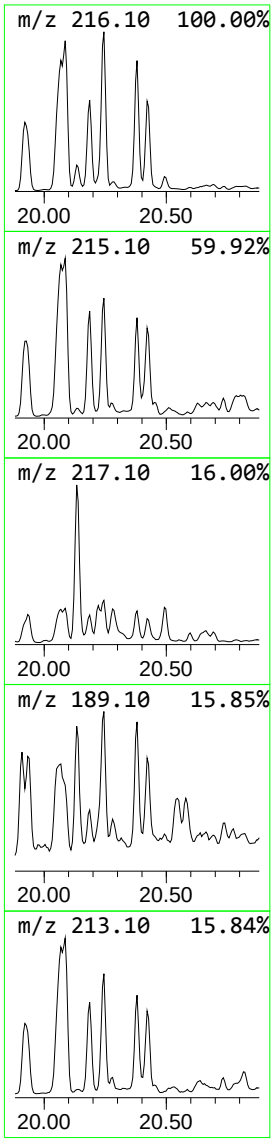
****

Peak Number 38 Pyrene, 2-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.380	3.74 ng/ul	3225520	Chrysene-d12	21.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93





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Data File : BP012243.D
Acq On : 21 Oct 2022 13:48
Operator : CG/JU
Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4

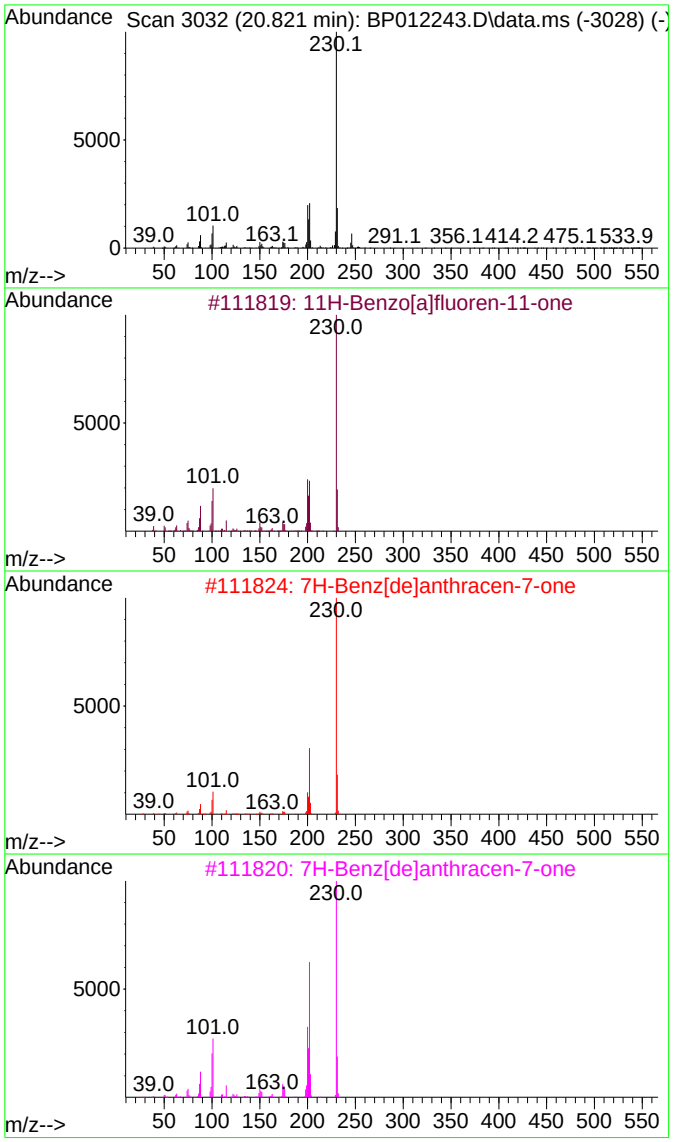
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

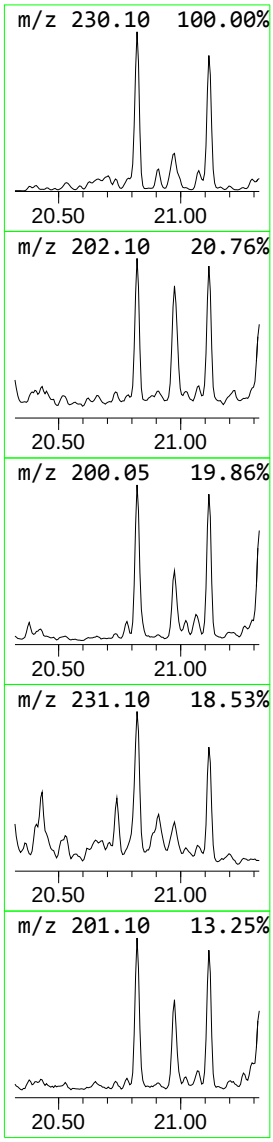
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 11H-Benzo[a]fluoren-11-one Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.821	5.08 ng/ul	4379370	Chrysene-d12	21.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86
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	76
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	59





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Data File : BP012243.D
Acq On : 21 Oct 2022 13:48
Operator : CG/JU
Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

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

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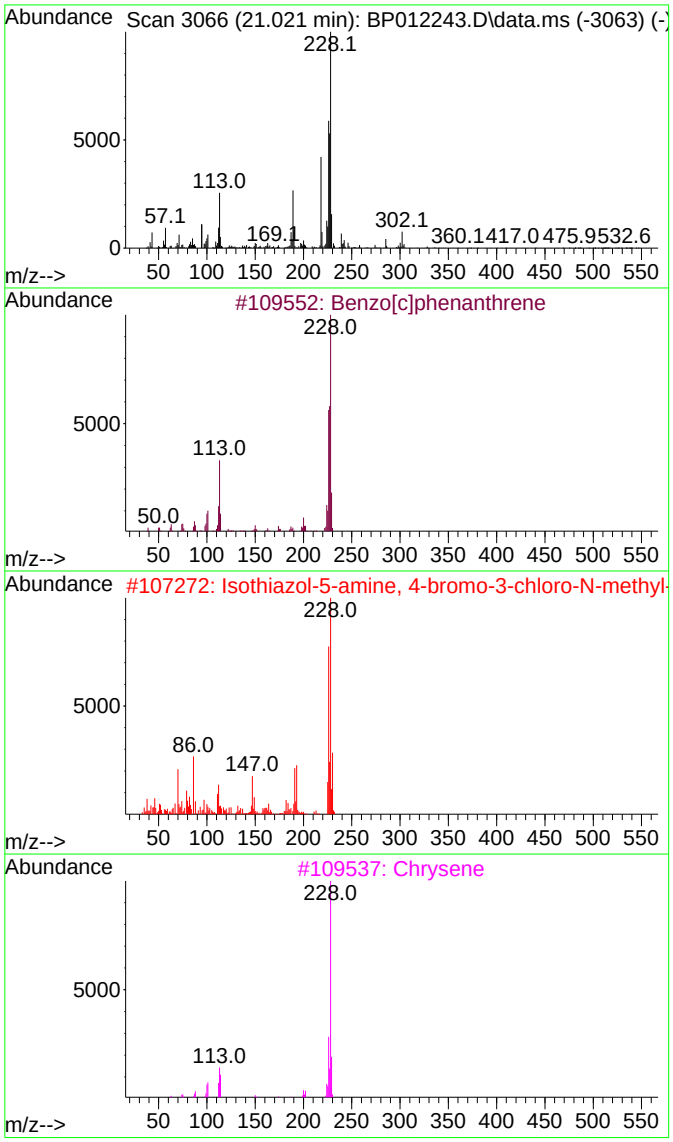
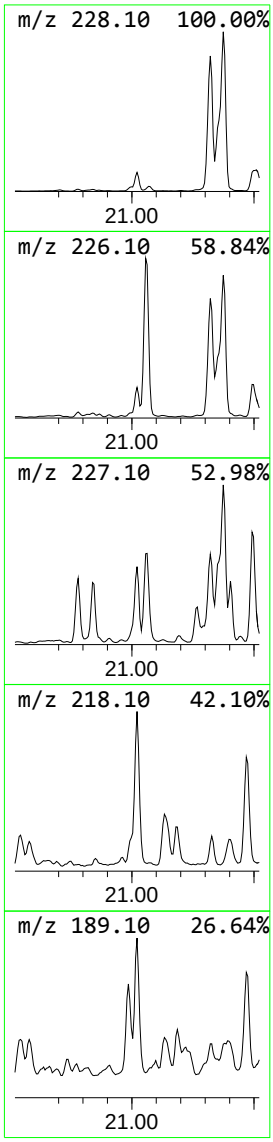
Peak Number 42 Benzo[c]phenanthrene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.021	4.29 ng/ul	3701730	Chrysene-d12	21.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	70
2	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	46
3	Chrysene	228	C18H12	000218-01-9	42
4	Benz[a]anthracene	228	C18H12	000056-55-3	41
5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	41





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Acq On : 21 Oct 2022 13:48
Operator : CG/JU
Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4

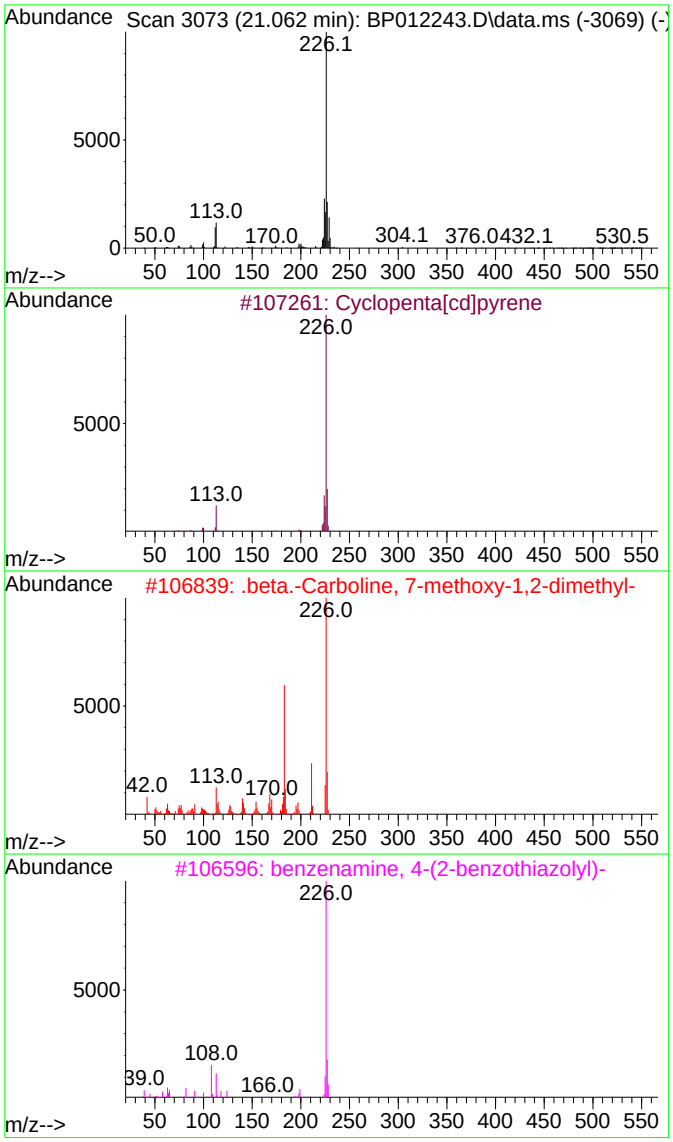
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

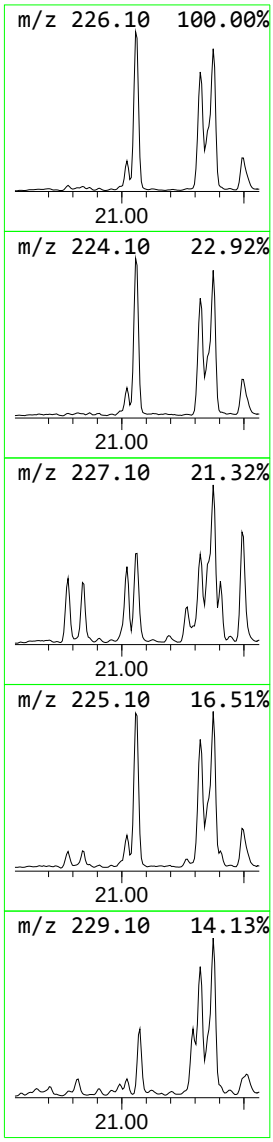
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Cyclopenta[cd]pyrene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.062	5.86 ng/ul	5055290	Chrysene-d12	21.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	52
3	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	50
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	47
5	2,2'-Oxydibenzaldehyde	226	C14H10O3	049590-51-4	38





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Acq On : 21 Oct 2022 13:48
Operator : CG/JU
Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

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

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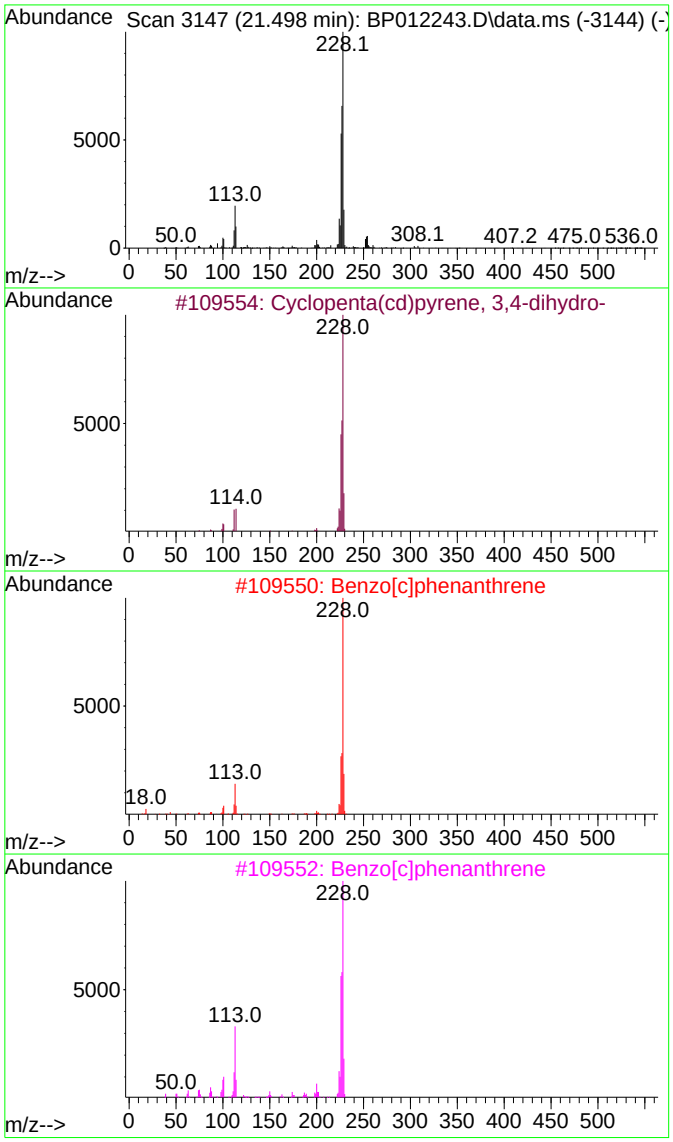
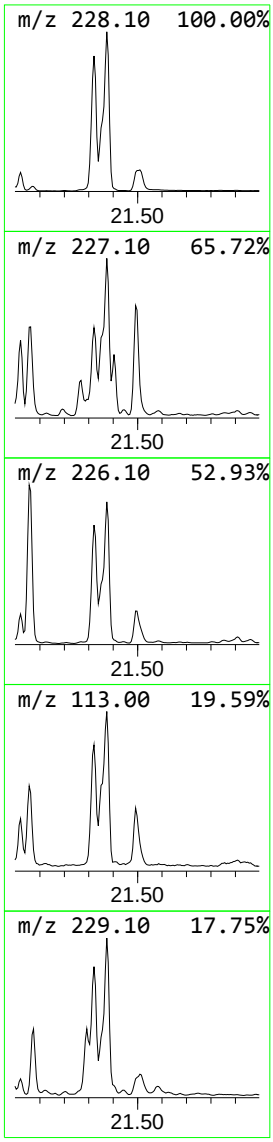
Peak Number 45 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.498	4.20 ng/ul	3620240	Chrysene-d12	21.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	95
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	58
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	53
4	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	49
5	Triphenylene	228	C18H12	000217-59-4	49





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Acq On : 21 Oct 2022 13:48
Operator : CG/JU
Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

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

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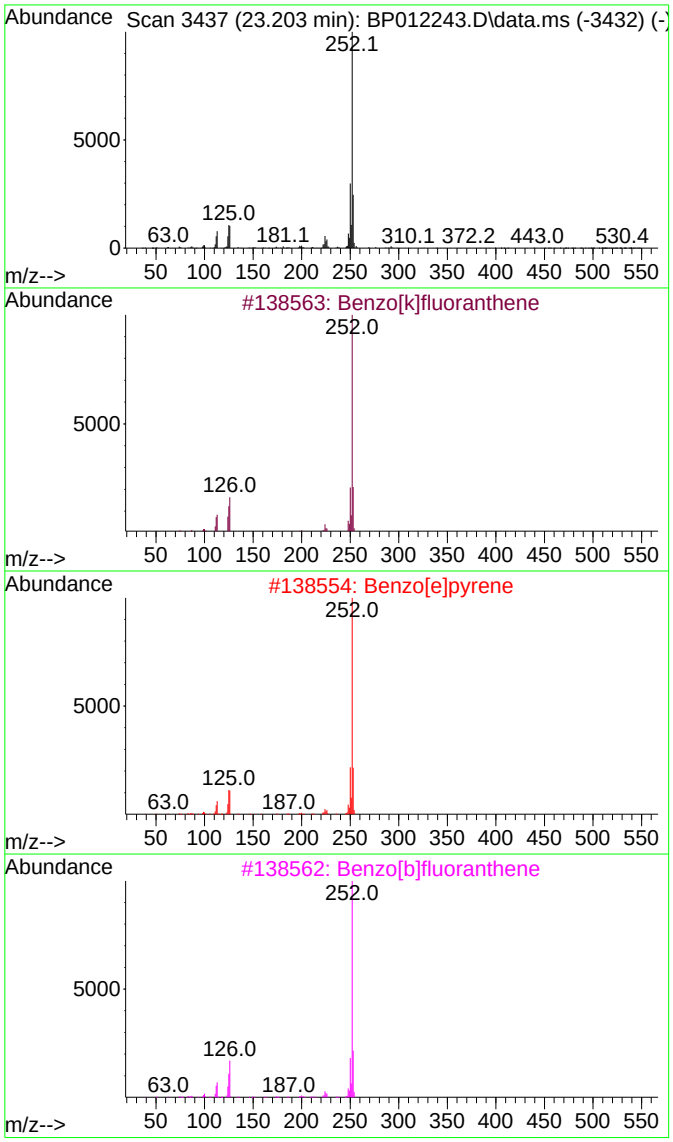
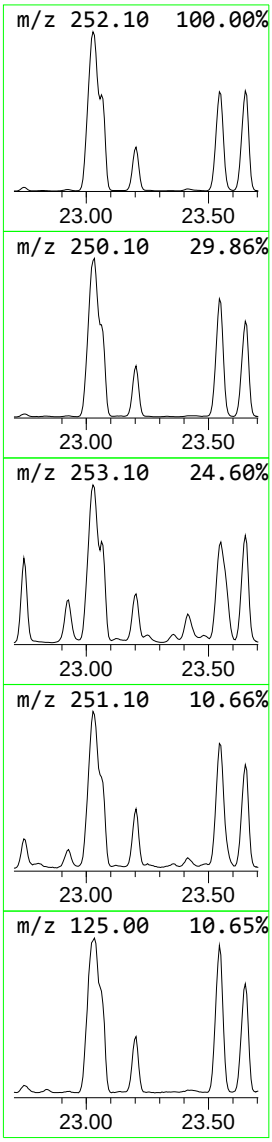
Peak Number 48 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.203	12.05 ng/ul	5025900	Perylene-d12	23.756

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





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Data File : BP012243.D
Acq On : 21 Oct 2022 13:48
Operator : CG/JU
Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

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

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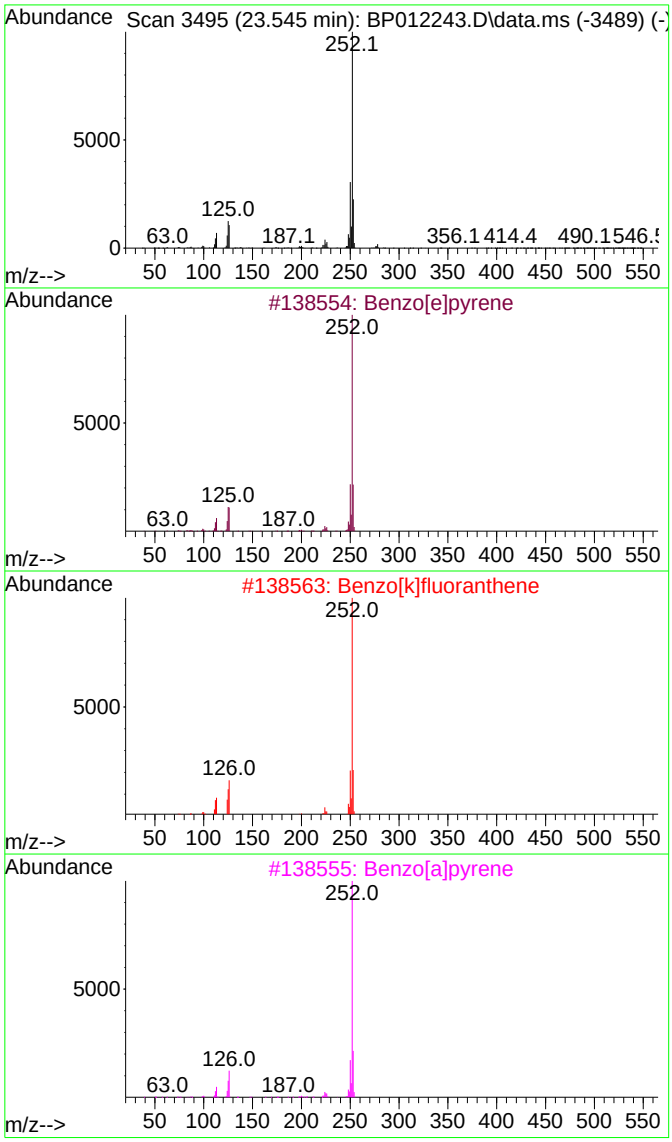
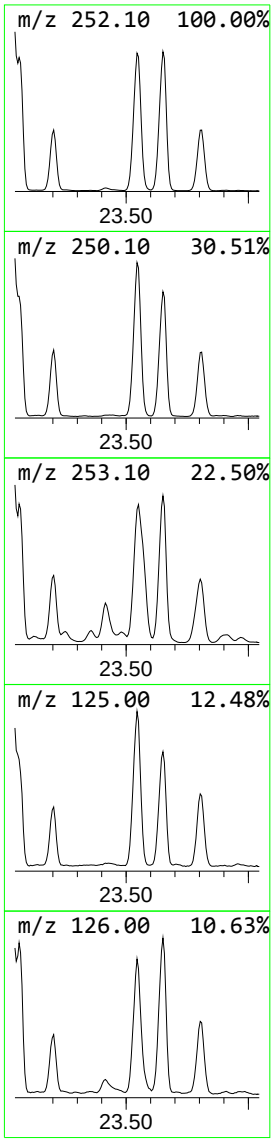
Peak Number 49 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.544	34.01 ng/ul	14187200	Perylene-d12	23.756

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





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Data File : BP012243.D
Acq On : 21 Oct 2022 13:48
Operator : CG/JU
Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

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

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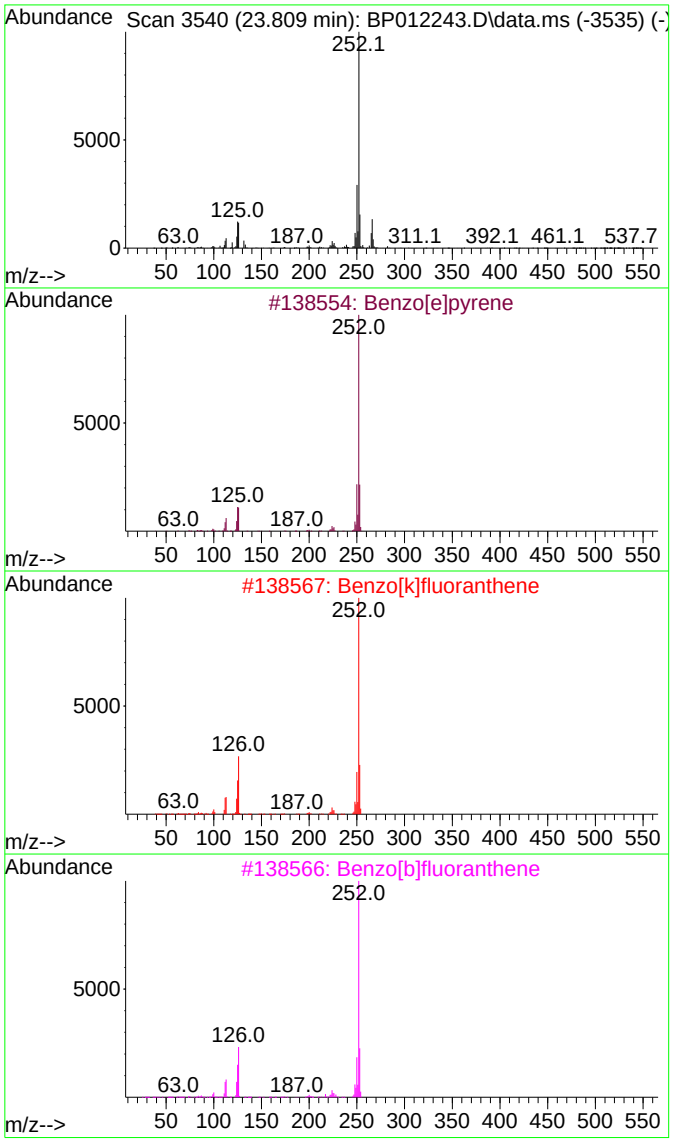
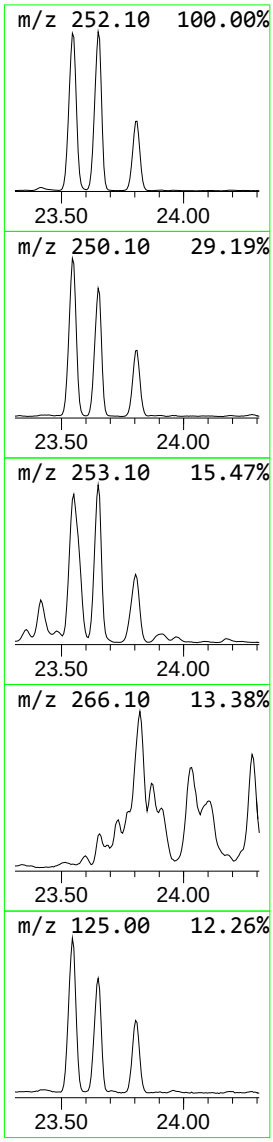
Peak Number 50 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.809	20.00 ng/ul	8342410	Perylene-d12	23.756

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
4	Perylene	252	C20H12	000198-55-0	89
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012243.D
Acq On : 21 Oct 2022 13:48
Operator : CG/JU
Sample : N4755-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.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
3-Penten-2-ol	3.040	6.8	ng/ul	545673	1	7.822	1608420	20.0
unknown-01	3.781	5.3	ng/ul	423949	1	7.822	1608420	20.0
Indene	8.363	15.7	ng/ul	1260210	1	7.822	1608420	20.0
Indole	12.139	6.7	ng/ul	730724	2	10.628	2181230	20.0
Biphenyl	13.304	3.3	ng/ul	432906	3	14.474	2633730	20.0
(DEL) Alkane: S...	14.363	3.4	ng/ul	449213	3	14.474	2633730	20.0
Dibenzofuran	14.874	14.0	ng/ul	1839910	3	14.474	2633730	20.0
(DEL) Alkane: S...	15.316	4.5	ng/ul	599314	3	14.474	2633730	20.0
(DEL) Alkane: S...	15.727	4.5	ng/ul	594034	3	14.474	2633730	20.0
1(2H)-Acenaphth...	16.210	30.4	ng/ul	4845950	4	17.233	3191510	20.0
9H-Fluorene, 9-...	16.810	4.6	ng/ul	739941	4	17.233	3191510	20.0
(DEL) Alkane: S...	16.986	8.4	ng/ul	1337310	4	17.233	3191510	20.0
(DEL) Alkane: S...	17.039	13.8	ng/ul	2200990	4	17.233	3191510	20.0
Acridine	17.427	3.7	ng/ul	587530	4	17.233	3191510	20.0
5H-Indeno[1,2-b...	17.645	23.3	ng/ul	3712990	4	17.233	3191510	20.0
(DEL) Alkane: S...	17.727	10.3	ng/ul	1642790	4	17.233	3191510	20.0
1,2-Acenaphthyl...	17.915	6.3	ng/ul	1006760	4	17.233	3191510	20.0
n-Hexadecanoic ...	18.121	3.1	ng/ul	501471	4	17.233	3191510	20.0
Phenanthrene, 2...	18.227	11.8	ng/ul	1883250	4	17.233	3191510	20.0
4H-Cyclopenta[d...	18.298	24.7	ng/ul	3940500	4	17.233	3191510	20.0
(DEL) Alkane: S...	18.398	12.4	ng/ul	1970700	4	17.233	3191510	20.0
Anthrone	18.486	15.8	ng/ul	2513340	4	17.233	3191510	20.0
9,10-Anthracene...	18.633	13.5	ng/ul	2153030	4	17.233	3191510	20.0
(DEL) Alkane: S...	19.015	11.3	ng/ul	1809070	4	17.233	3191510	20.0
Cyclopenta(def)...	19.139	52.3	ng/ul	8339140	4	17.233	3191510	20.0
Indeno(1,2,3-ij...	19.480	3.6	ng/ul	3152670	5	21.333	17255400	20.0
Naphtho(2,1,8-d...	19.851	8.5	ng/ul	7370510	5	21.333	17255400	20.0
Pyrene, 1-methyl-	19.927	3.8	ng/ul	3314030	5	21.333	17255400	20.0
Fluoranthene, 2...	20.068	5.8	ng/ul	5018600	5	21.333	17255400	20.0
Pyrene, 4-methyl-	20.245	5.8	ng/ul	5037450	5	21.333	17255400	20.0
Pyrene, 2-methyl-	20.380	3.7	ng/ul	3225520	5	21.333	17255400	20.0
11H-Benzo[a]flu...	20.821	5.1	ng/ul	4379370	5	21.333	17255400	20.0
Benzo[c]phenant...	21.021	4.3	ng/ul	3701730	5	21.333	17255400	20.0
Cyclopenta[cd]p...	21.062	5.9	ng/ul	5055290	5	21.333	17255400	20.0
Cyclopenta(cd)p...	21.498	4.2	ng/ul	3620240	5	21.333	17255400	20.0
Benzo[e]pyrene	23.203	12.1	ng/ul	5025900	6	23.756	8342410	20.0
Perylene	23.544	34.0	ng/ul	14187200	6	23.756	8342410	20.0
unknown-02	23.809	20.0	ng/ul	8342410	6	23.756	8342410	20.0