LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

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_M\Methods\SFAM-EPA-BM121523.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM043765.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.128	660	670	681	rBV	866863	1469387	1.34%	0.370%
2	7.292	691	698	713	rBV	670784	1089340	0.99%	0.274%
3	7.481	723	730	740	rBV	863461	1428346	1.30%	0.360%
4	7.951	803	810	818	rBV	1142296	1823909	1.66%	0.459%
5	8.675	926	933	948	rBV	1041589	1770272	1.61%	0.446%
6	9.128	1003	1010	1020	rBV	783260	1365538	1.24%	0.344%
7	9.851	1124	1133	1146	rBV	689367	1210071	1.10%	0.305%
8	10.392	1217	1225	1235	rBV	962648	1773953	1.61%	0.447%
9	10.763	1281	1288	1297	rBV	1458003	2453678	2.23%	0.618%
10	10.922	1307	1315	1326	rBV	341888	716115	0.65%	0.180%
11	11.775	1455	1460	1462	rBV	77320	125626	0.11%	0.032%
12	11.857	1469	1474	1480	rVB4	68556	162521	0.15%	0.041%
13	12.539	1586	1590	1593	rBV3	74017	121244	0.11%	0.031%
14	12.792	1629	1633	1638	rVB5	87242	134237	0.12%	0.034%
15	12.945	1654	1659	1663	rBV5	94513	184033	0.17%	0.046%
16	13.121	1684	1689	1694	rVV	576958	841319	0.76%	0.212%
17	13.386	1730	1734	1739	rBV5	222545	444415	0.40%	0.112%
18	13.645	1770	1778	1782	rBV7	305991	822154	0.75%	0.207%
19	13.974	1831	1834	1836	rBV4	191334	263738	0.24%	0.066%
20	14.016	1836	1841	1845	rVV	1814993	2597492	2.36%	0.654%
21	14.068	1845	1850	1854	rVB	2163216	2996911	2.72%	0.755%
22	14.239	1874	1879	1882	rBV4	403974	719678	0.65%	0.181%
23	14.292	1882	1888	1893	rVV2	2277884	3718973	3.38%	0.936%
24	14.421	1906	1910	1915	rVB4	599596	1005728	0.91%	0.253%
25	14.551	1929	1932	1935	rBV2	416355	599038	0.54%	0.151%
26	14.598	1935	1940	1946	rVB	2483890	4168777	3.79%	1.050%
27	14.721	1958	1961	1964	rBV2	370947	522769	0.48%	0.132%
28	14.827	1974	1979	1984	rBV3	1238916	1963259	1.78%	0.494%
29	14.992	2003	2007	2011	rVB2	1313978	1689302	1.54%	0.425%
30	15.074	2018	2021	2023	rBV	439257	584366	0.53%	0.147%
31	15.104	2023	2026	2031	rVB2	1310801	1731519	1.57%	0.436%
32	15.227	2039	2047	2052	rBV3	3986071	8524229	7.75%	2.146%
33	15.415	2076	2079	2083	rVB2	1197230	1555601	1.41%	0.392%
34	15.480	2088	2090	2093	rVV3	688344	927307	0.84%	0.233%
35	15.545	2097	2101	2105	rBV3	1063542	1861753	1.69%	0.469%
36	15.592	2105	2109	2115	rBV3	2276851	3798655	3.45%	0.956%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

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_M\Methods\SFAM-EPA-BM121523.MA.M
Title : SVOA CALIBRATION

37	15.692	2123	2126	2129	rBV	1007260	1462689	1.33%	0.368%
38	15.845	2144	2152	2161	rBV2	8387393	16421105	14.93%	4.135%
39	16.092	2192	2194	2197	rBV	943046	1211827	1.10%	0.305%
40	16.327	2229	2234	2240	rVB2	15619735	23263313	21.15%	5.858%
41	16.709	2297	2299	2304	rVB2	2596206	3194579	2.90%	0.804%
42	17.033	2344	2354	2356	rBV3	39323167	110000233	100.00%	27.697%
43	17.157	2369	2375	2379	rBV	14514812	22642806	20.58%	5.701%
44	17.357	2404	2409	2413	rBV3	3335497	6539835	5.95%	1.647%
45	17.457	2423	2426	2434	rVB	3550964	4905799	4.46%	1.235%
46	17.762	2474	2478	2484	rBV2	4190679	7107204	6.46%	1.790%
47	18.551	2609	2612	2620	rVB6	2008517	3845045	3.50%	0.968%
48	18.627	2622	2625	2633	rVB3	3727446	6760330	6.15%	1.702%
49	18.733	2638	2643	2646	rBV5	2492499	5213633	4.74%	1.313%
50	18.945	2676	2679	2682	rBV	2252328	2828223	2.57%	0.712%
51	18.974	2682	2684	2686	rVV	1797474	2201340	2.00%	0.554%
52	19.027	2690	2693	2696	rVV	2186675	2746292	2.50%	0.691%
53	19.068	2696	2700	2709	rVB2	7324826	12433650	11.30%	3.131%
54	19.145	2709	2713	2718	rBV2	5086277	7944433	7.22%	2.000%
55	19.198	2718	2722	2726	rVV2	2917277	4965579	4.51%	1.250%
56	19.239	2726	2729	2733	rVB	2938848	3513753	3.19%	0.885%
57	19.339	2742	2746	2754	rVB2	2948160	5450791	4.96%	1.372%
58	19.409	2755	2758	2760	rBV	1542392	1892543	1.72%	0.477%
59	19.468	2764	2768	2772	rBV3	2950805	4510017	4.10%	1.136%
60	19.650	2796	2799	2802	rVV2	1496131	1553066	1.41%	0.391%
61	19.686	2802	2805	2810	rVB2	2660384	3256378	2.96%	0.820%
62	19.745	2811	2815	2817	rBV2	3423865	4778159	4.34%	1.203%
63	19.774	2817	2820	2828	rVB2	7787135	12933440	11.76%	3.257%
64	19.850	2828	2833	2838	rVB	4700865	7324858	6.66%	1.844%
65	19.927	2842	2846	2850	rBV4	1590224	2785192	2.53%	0.701%
66	19.968	2850	2853	2857	rVB3	1469624	1610519	1.46%	0.406%
67	20.086	2871	2873	2876	rBV3	843695	830681	0.76%	0.209%
68	20.233	2895	2898	2905	rVB5	1464285	3180615	2.89%	0.801%
69	20.339	2913	2916	2918	rBV4	1134167	1516283	1.38%	0.382%
70	20.427	2927	2931	2935	rVB	4570205	6098876	5.54%	1.536%
71	20.562	2951	2954	2959	rBV	1326007	1927315	1.75%	0.485%
72	20.692	2973	2976	2979	rBV2	927383	1059100	0.96%	0.267%
73	20.733	2980	2983	2987	rVB2	1589689	1840366	1.67%	0.463%
74	20.927	3013	3016	3024	rVB4	889650	1316198	1.20%	0.331%
75	21.015	3028	3031	3037	rVB2	929334	1643368	1.49%	0.414%
76	21.174	3055	3058	3066	rVB2	1284192	2382733	2.17%	0.600%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

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_M\Methods\SFAM-EPA-BM121523.MA.M
Title : SVOA CALIBRATION

77	21.239	3066	3069	3075	rVB2	813842	925011	0.84%	0.233%
78	21.533	3113	3119	3123	rBV	3456344	5971360	5.43%	1.504%
79	21.568	3123	3125	3132	rVB	1755440	2062746	1.88%	0.519%
80	23.791	3498	3503	3510	rVB2	2653856	5241966	4.77%	1.320%
81	23.950	3526	3530	3538	rVB	1972188	3871765	3.52%	0.975%
82	24.480	3616	3620	3627	rVB2	798446	1482503	1.35%	0.373%
83	25.680	3819	3824	3841	rVB2	1301827	3339571	3.04%	0.841%

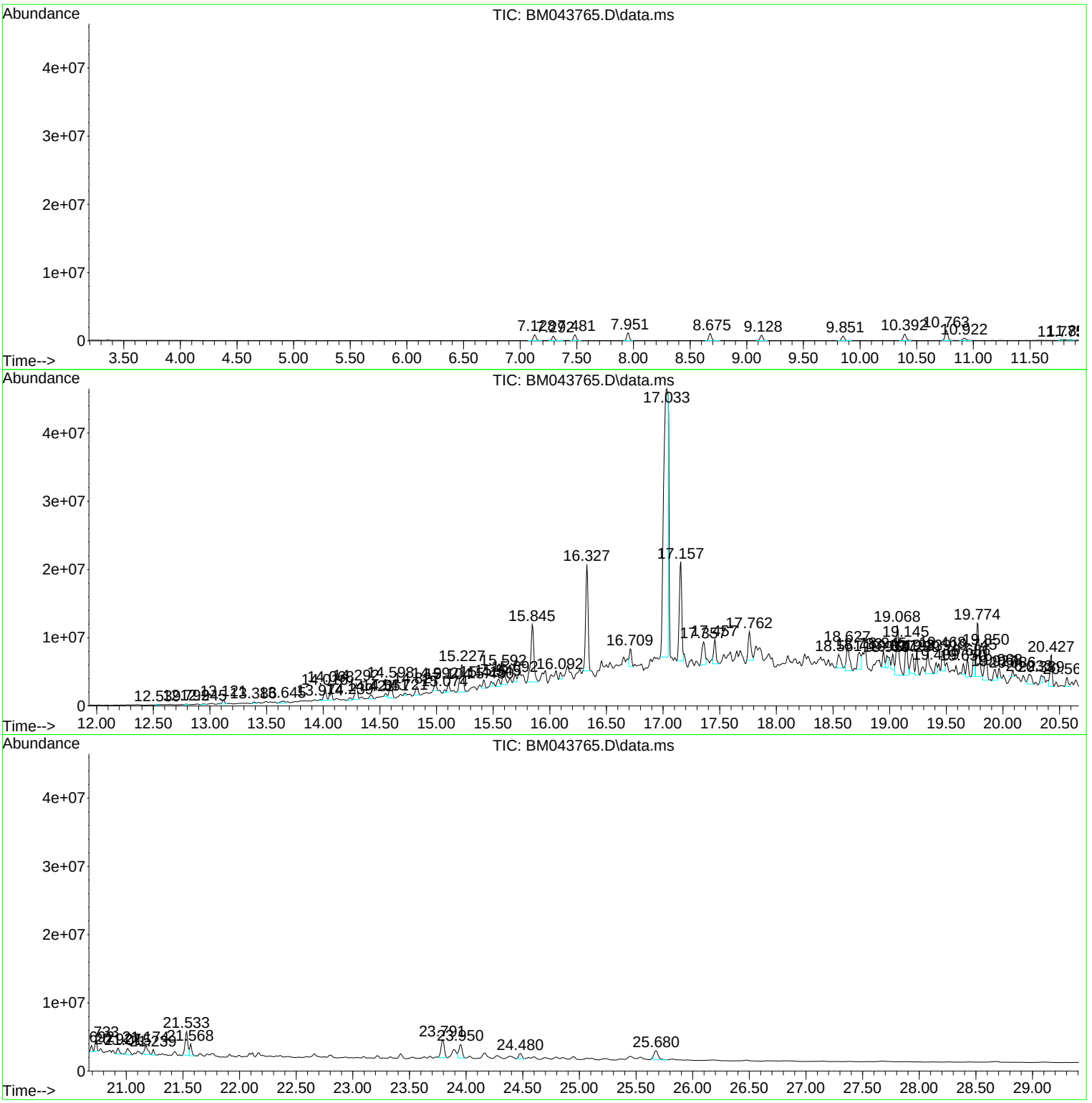
Sum of corrected areas: 397152341

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

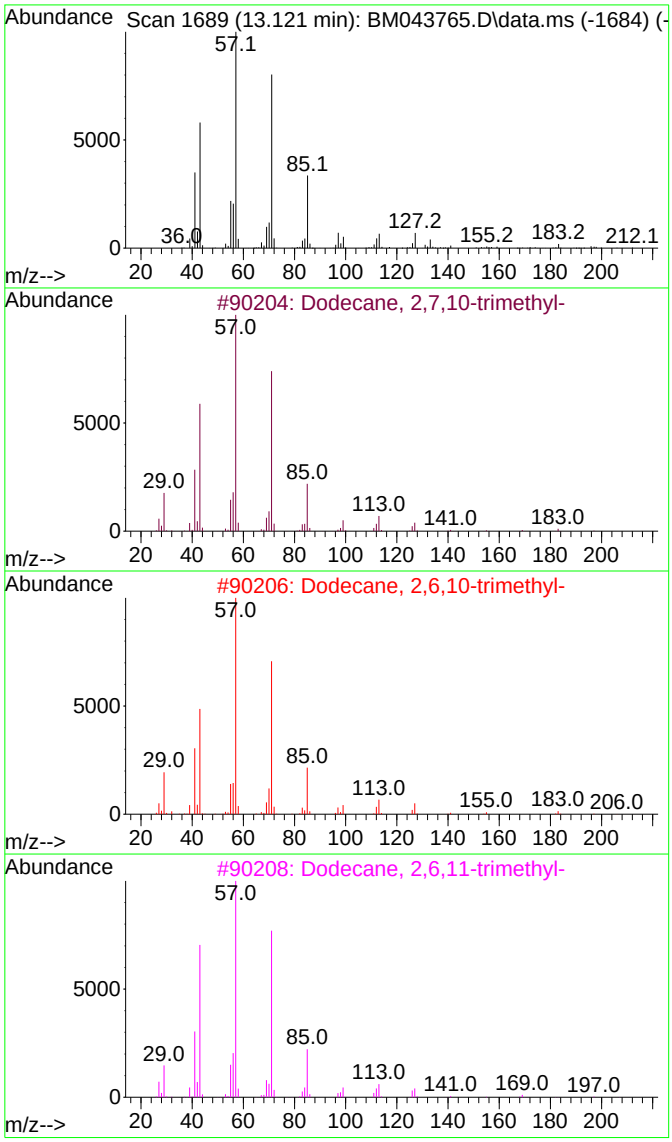
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

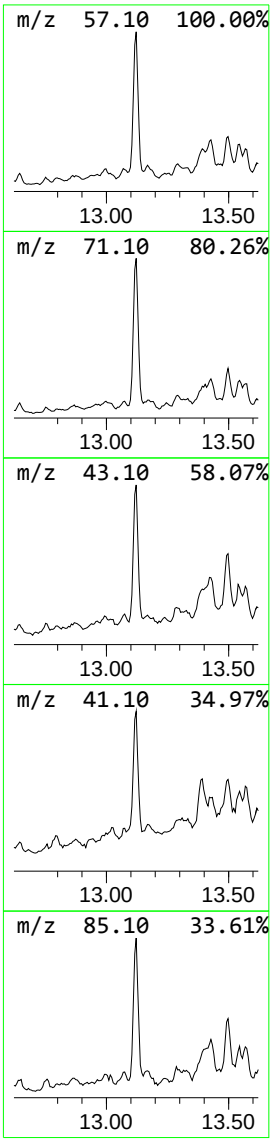
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.121	4.04 ng/ul	841319	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	68
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

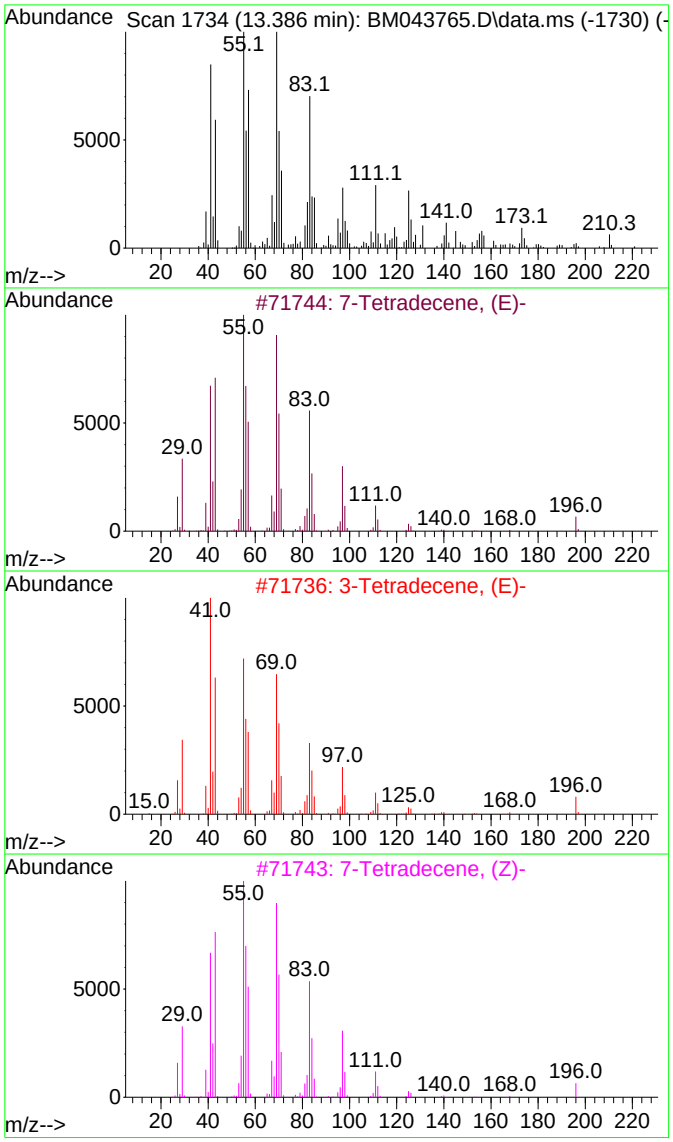
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

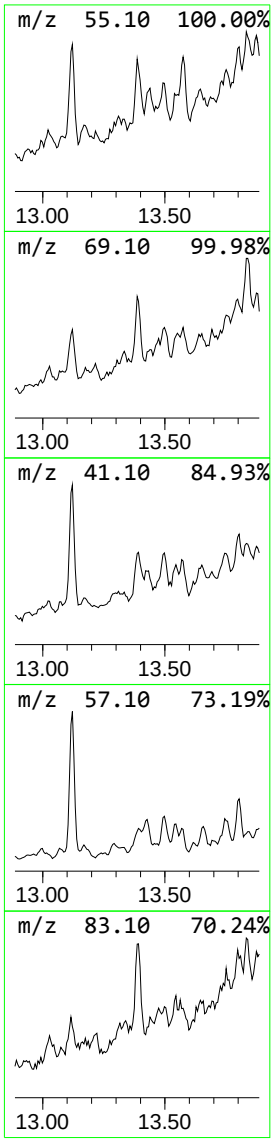
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.386	2.13 ng/ul	444415	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Tetradecene, (E)-	196	C14H28	041446-63-3	90
2	3-Tetradecene, (E)-	196	C14H28	041446-68-8	87
3	7-Tetradecene, (Z)-	196	C14H28	041446-60-0	81
4	3-Nonene, (E)-	126	C9H18	020063-92-7	64
5	3-Tetradecene, (E)-	196	C14H28	041446-68-8	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

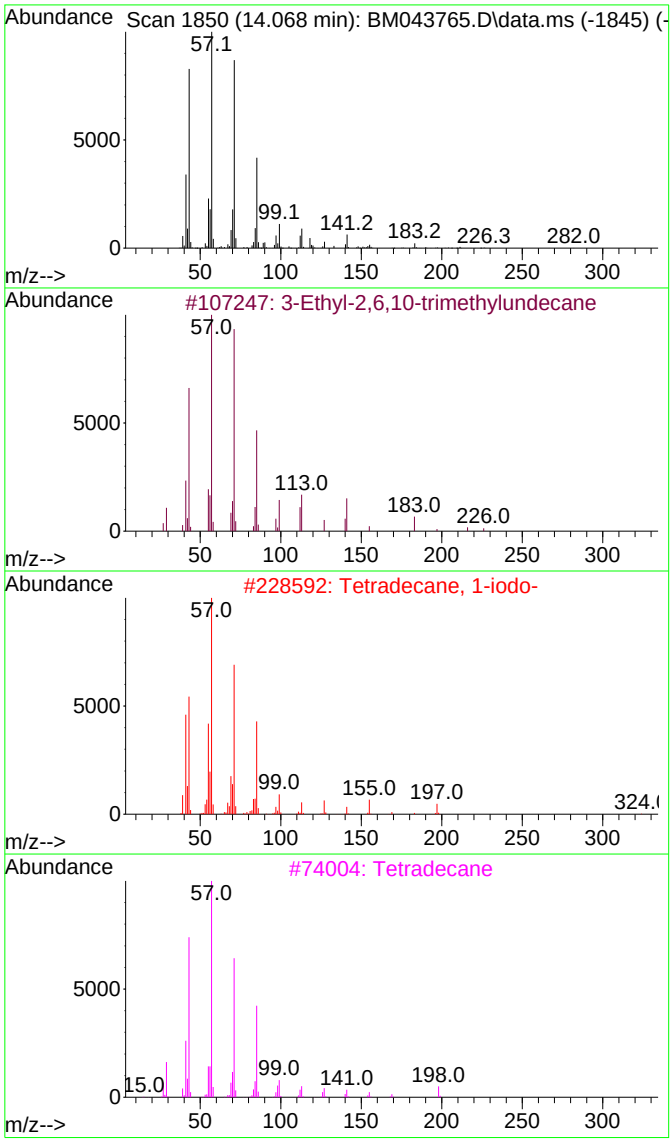
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

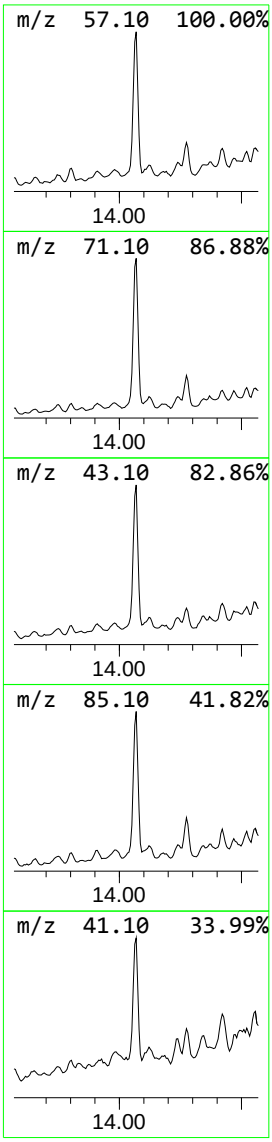
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.069	14.38 ng/ul	2996910	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	95
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Decane, 5-propyl-	184	C13H28	017312-62-8	87
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

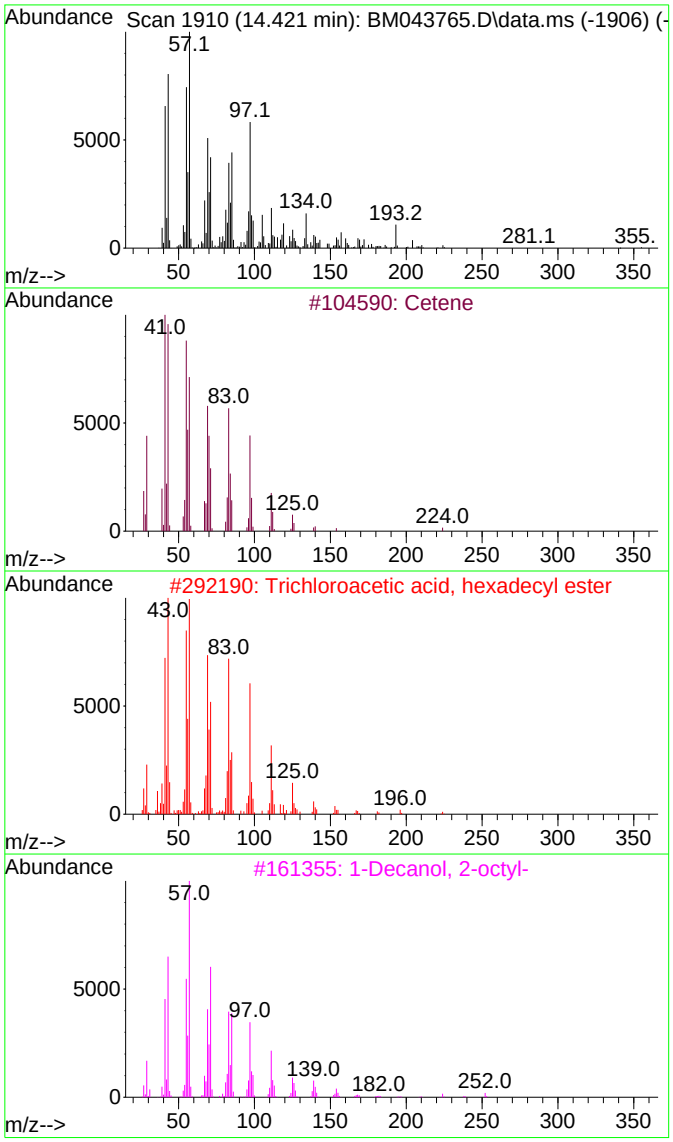
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

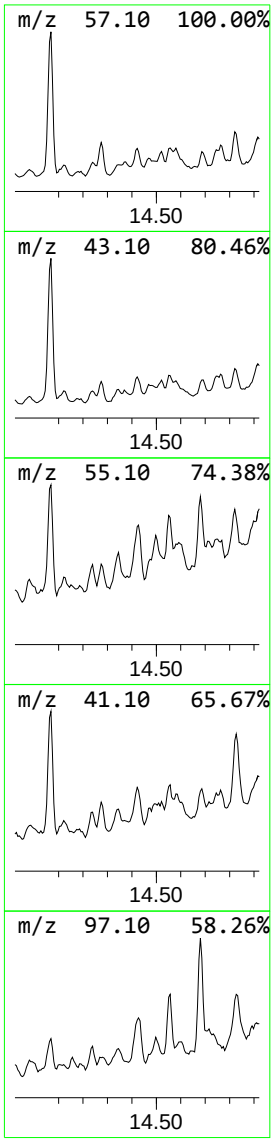
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.421	4.83 ng/ul	1005730	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	94
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	55
3	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	53
4	17-Pentatriacontene	491	C35H70	006971-40-0	50
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

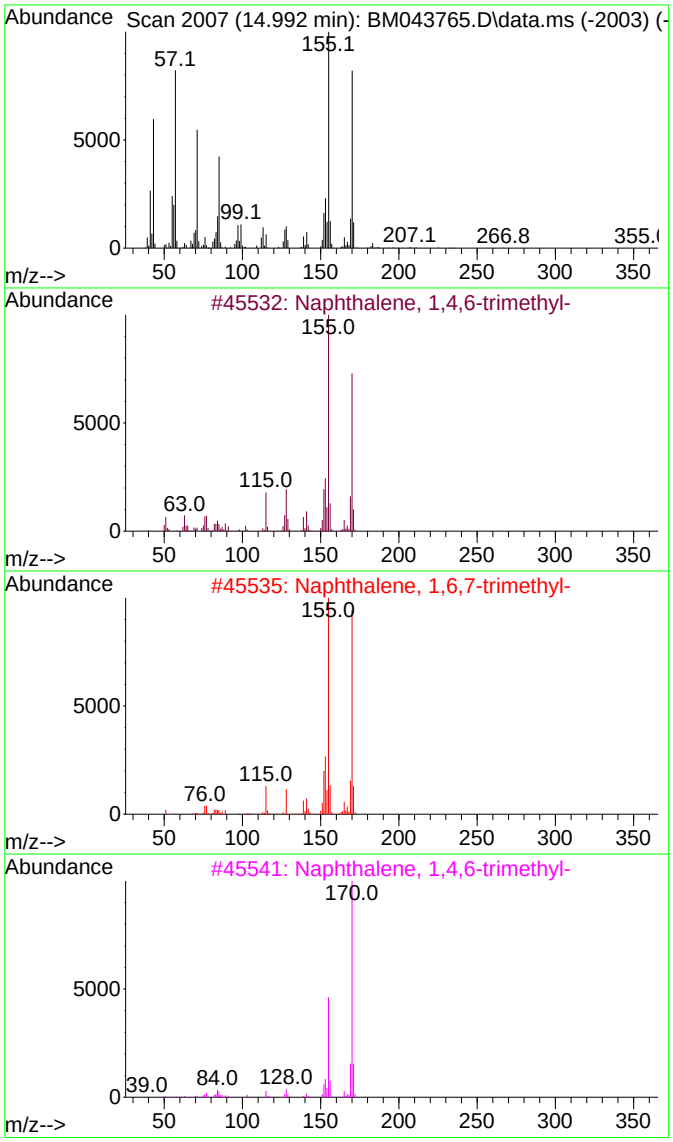
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

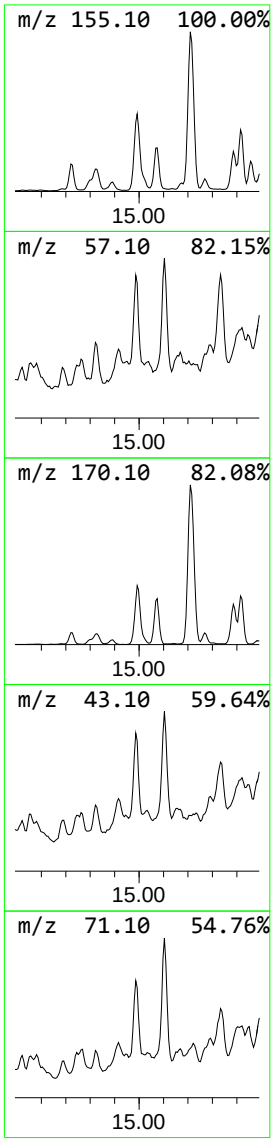
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.992	8.10 ng/ul	1689300	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

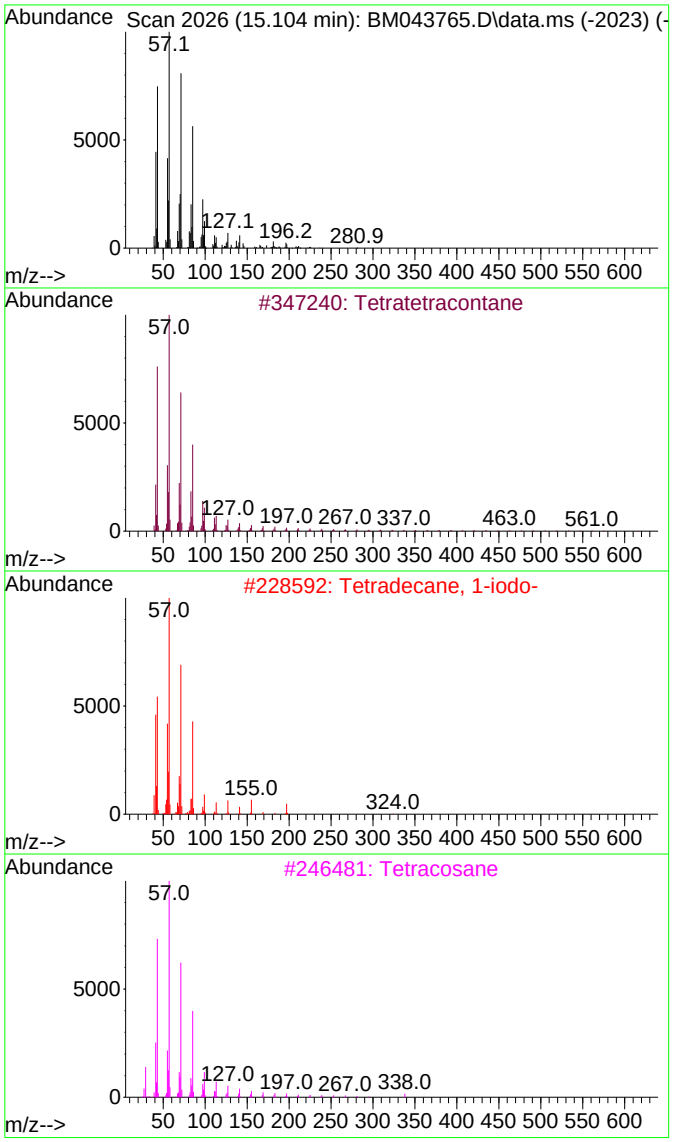
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

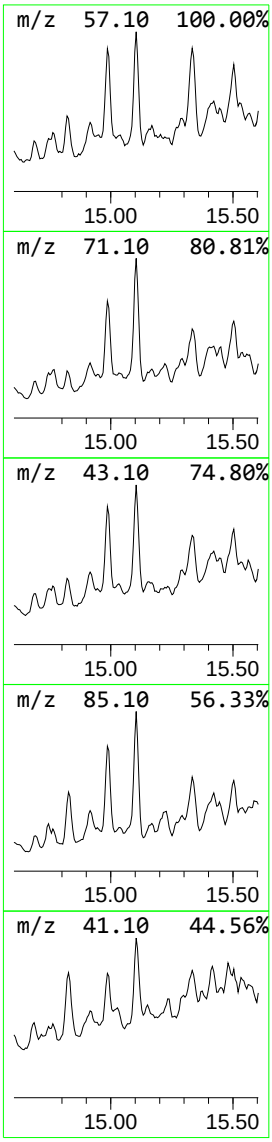
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	8.31 ng/ul	1731520	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	86
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
3	Tetracosane	338	C24H50	000646-31-1	64
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
5	Heneicosane	296	C21H44	000629-94-7	59





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Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

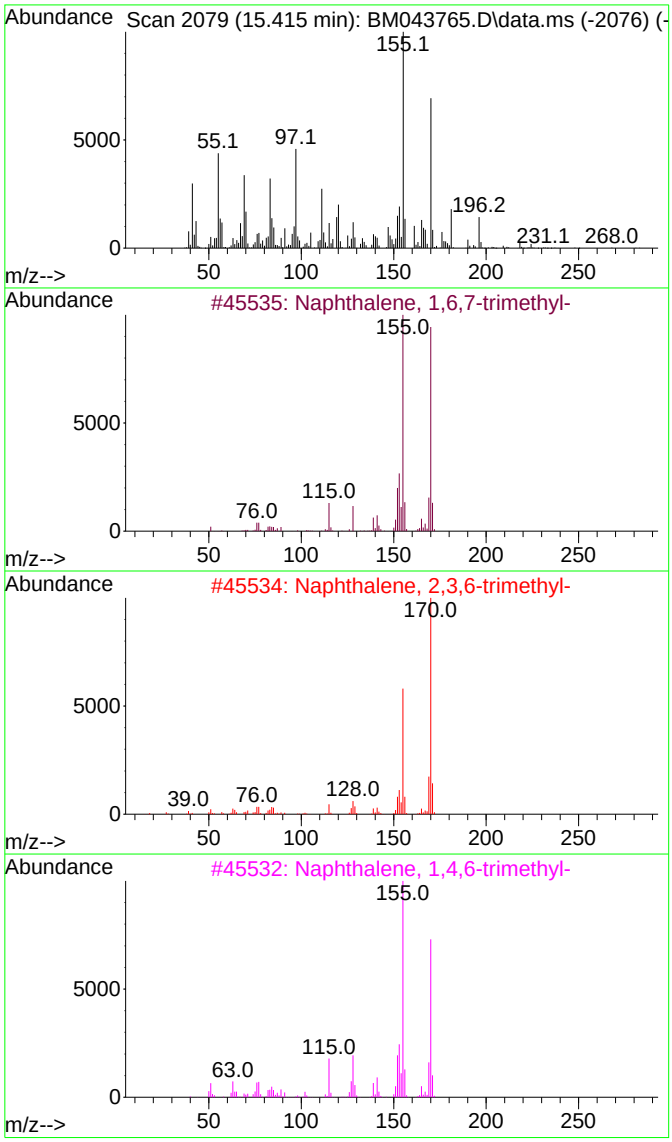
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

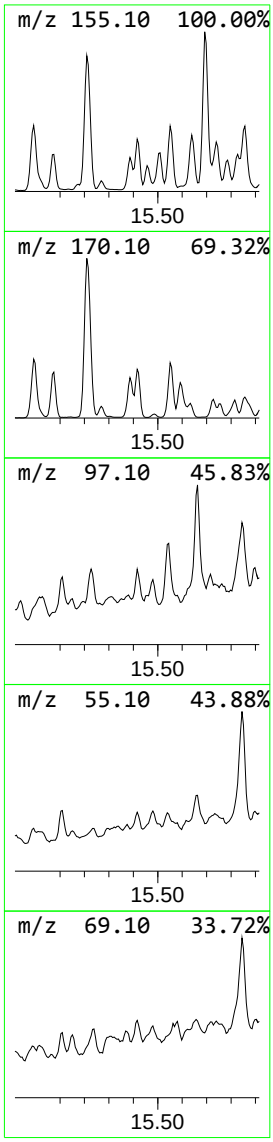
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.416	7.46 ng/ul	1555600	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	55
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	55
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	55
4	2,5-Dimethoxythiophenol	170	C8H10O2S	001483-27-8	53
5	2,5-Dimethoxythiophenol	170	C8H10O2S	001483-27-8	53





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Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

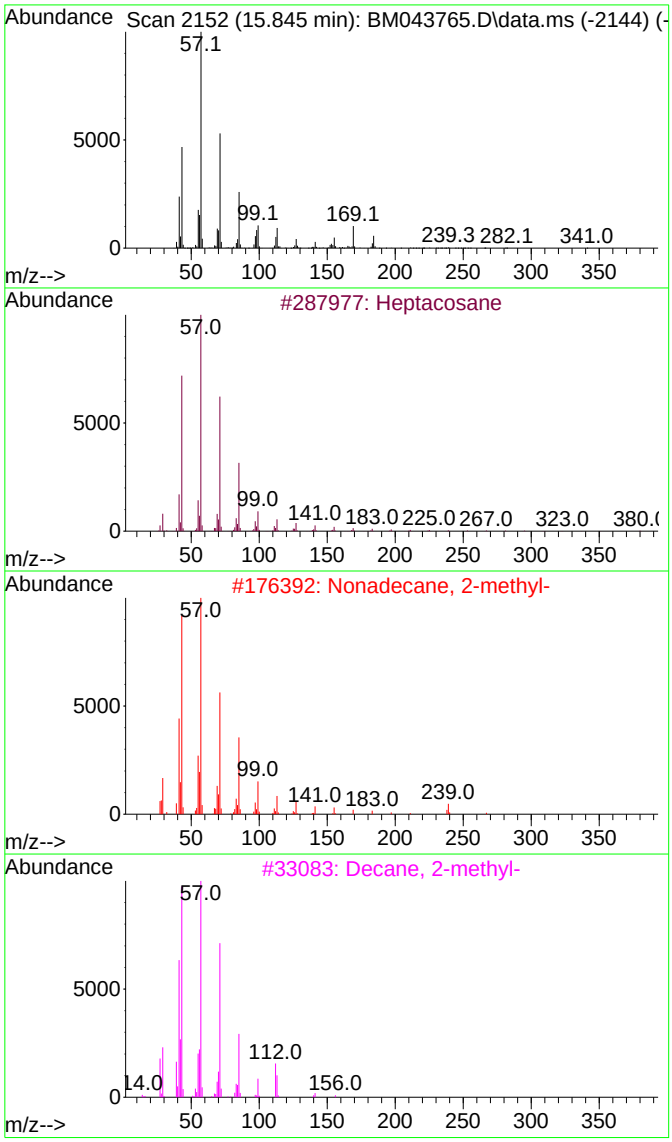
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

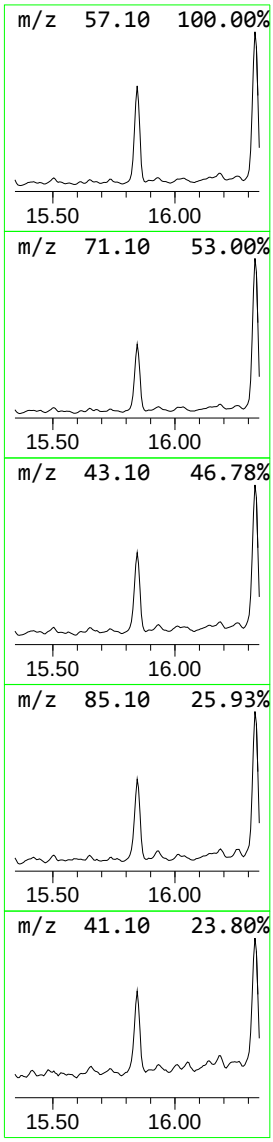
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.845	78.78 ng/ul	16421100	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	80
2	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80
3	Decane, 2-methyl-	156	C11H24	006975-98-0	76
4	Undecane	156	C11H24	001120-21-4	74
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72





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Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

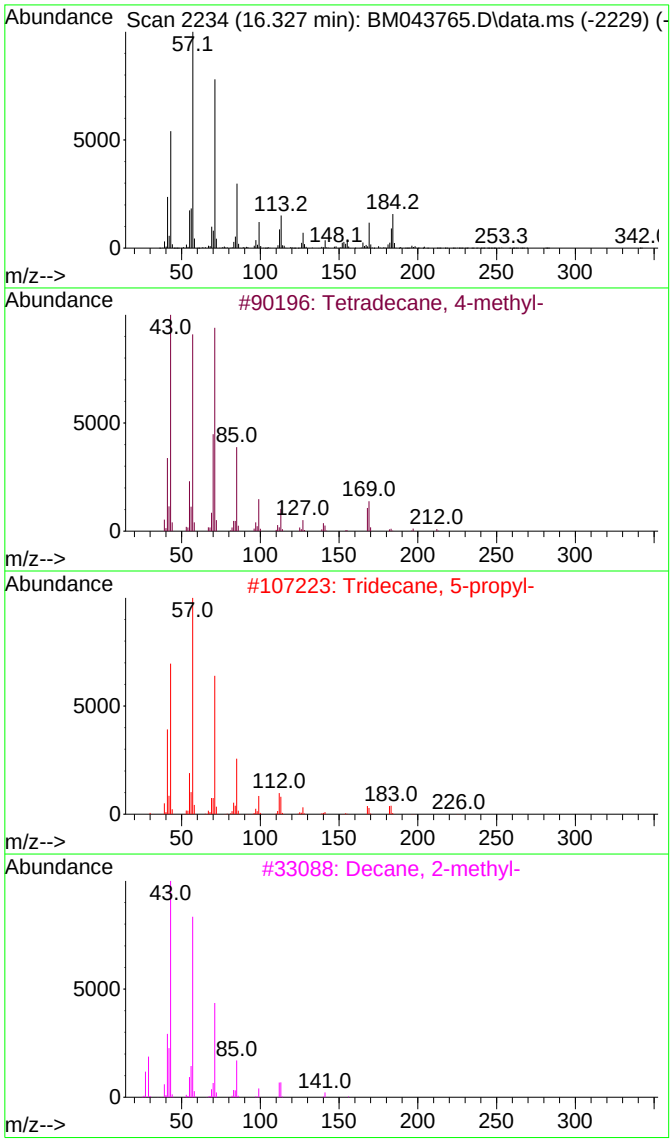
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

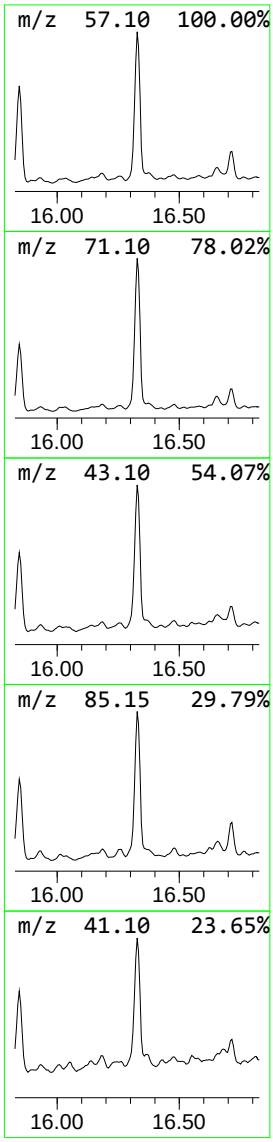
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.327	71.14 ng/ul	23263300	Phenanthrene-d10	17.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	80
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
3	Decane, 2-methyl-	156	C11H24	006975-98-0	76
4	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	64





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Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

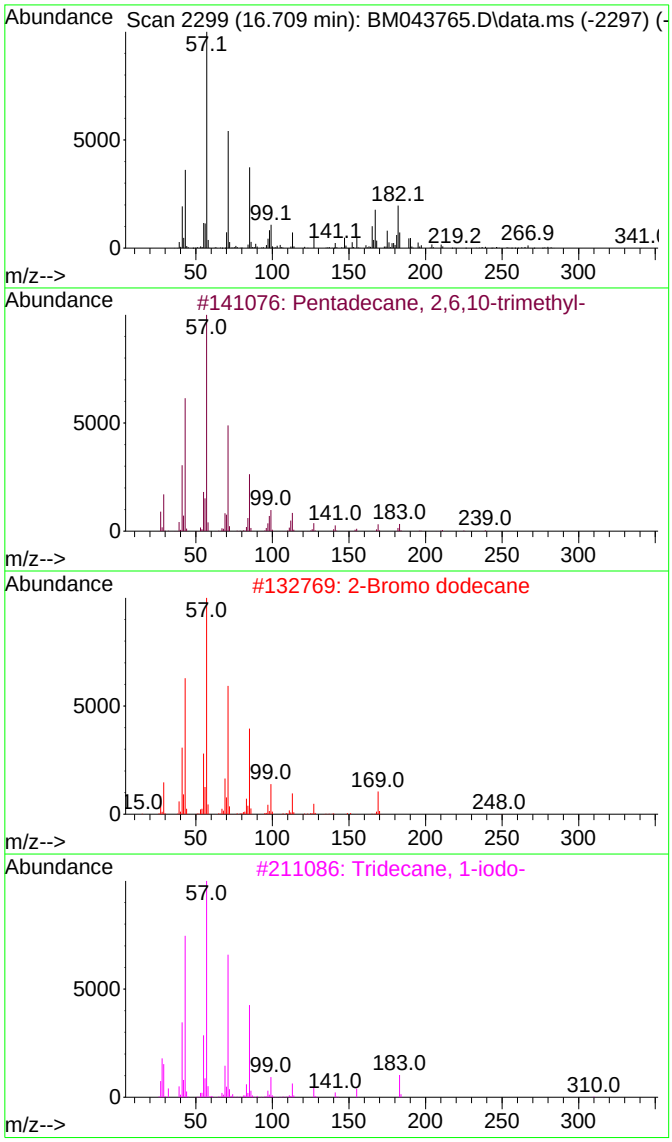
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

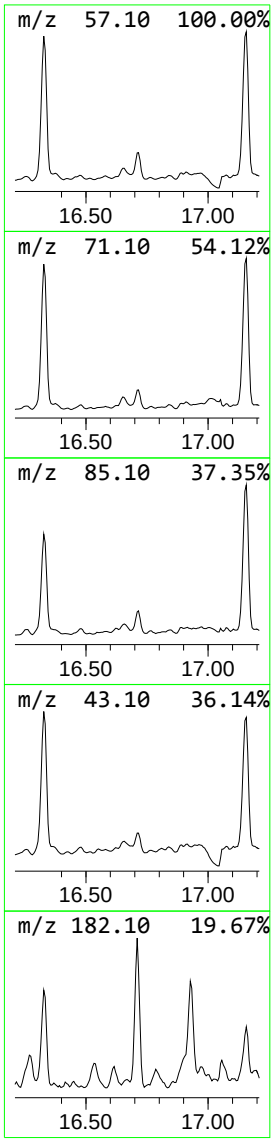
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.709	9.77 ng/ul	3194580	Phenanthrene-d10	17.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	60
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	49
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	49
5	Dodecane, 5,8-diethyl-	226	C16H34	024251-86-3	47





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Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

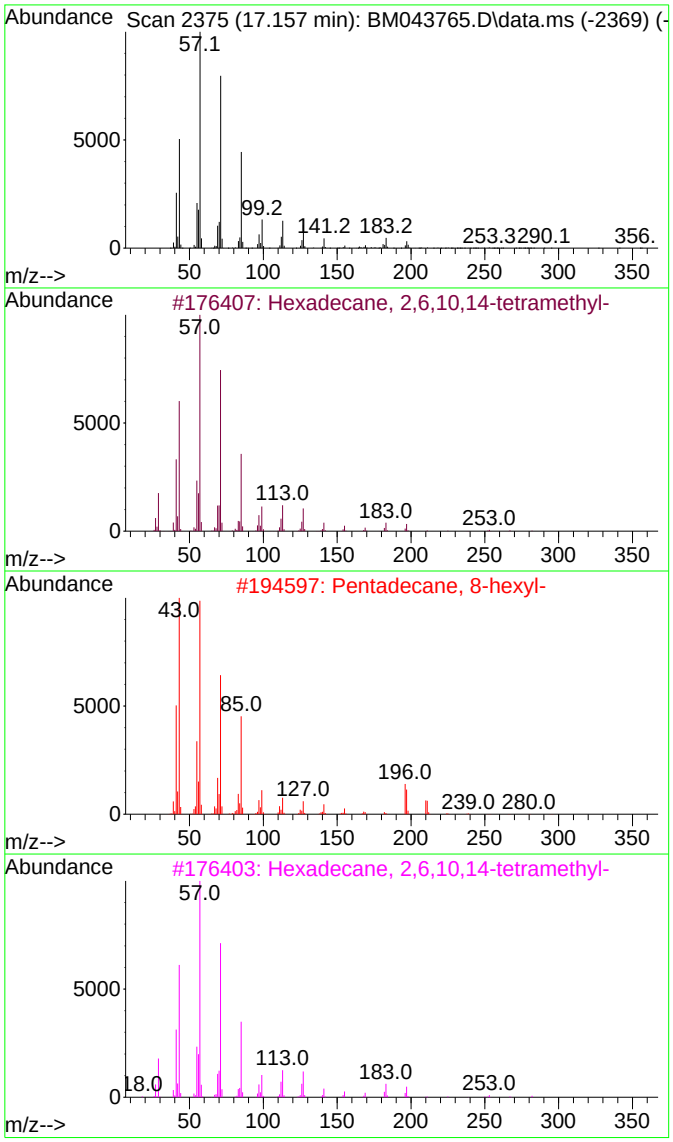
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

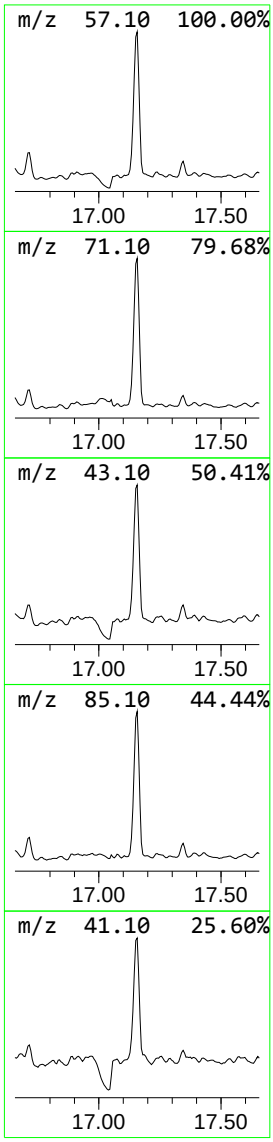
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.157	69.25 ng/ul	22642800	Phenanthrene-d10	17.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Hexadecane	226	C16H34	000544-76-3	87





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Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

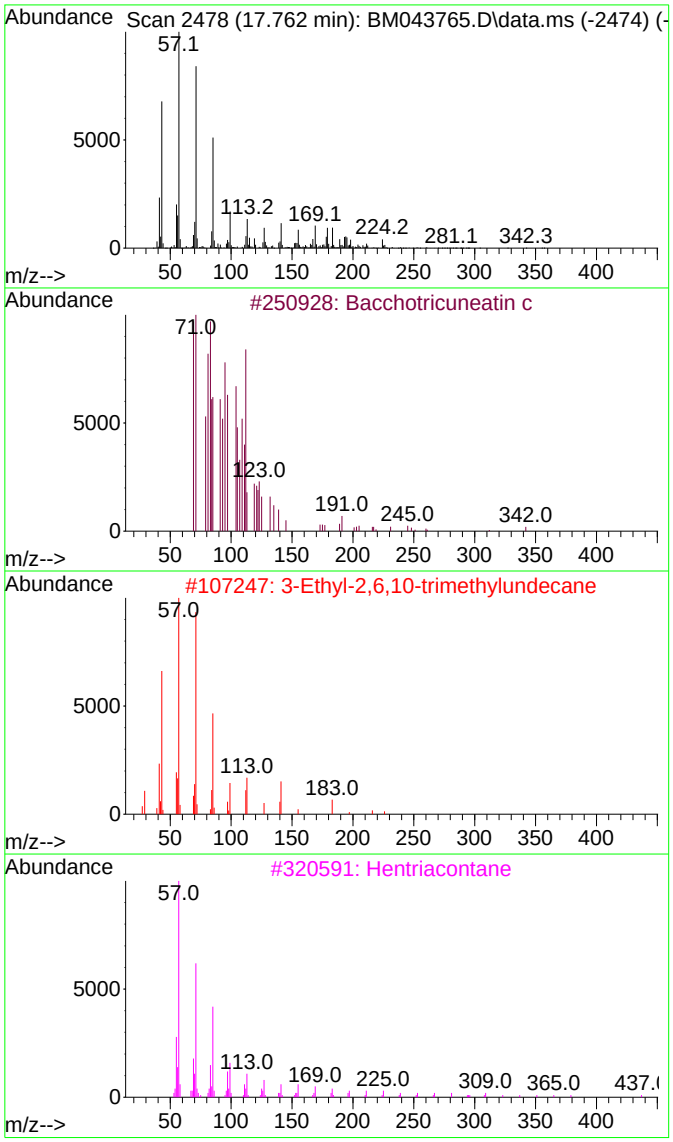
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

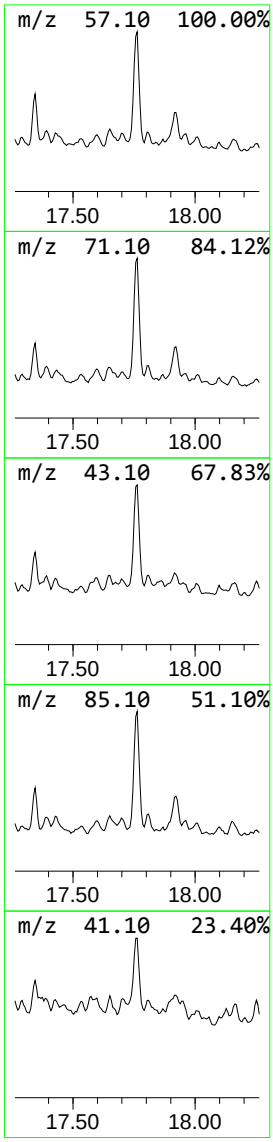
****

Peak Number 18 Bacchotricuneatin c Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.762	21.74 ng/ul	7107200	Phenanthrene-d10	17.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	91
2	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	76
3	Hentriacontane	437	C31H64	000630-04-6	72
4	Octadecane	254	C18H38	000593-45-3	72
5	Hexacosane	366	C26H54	000630-01-3	72





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Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

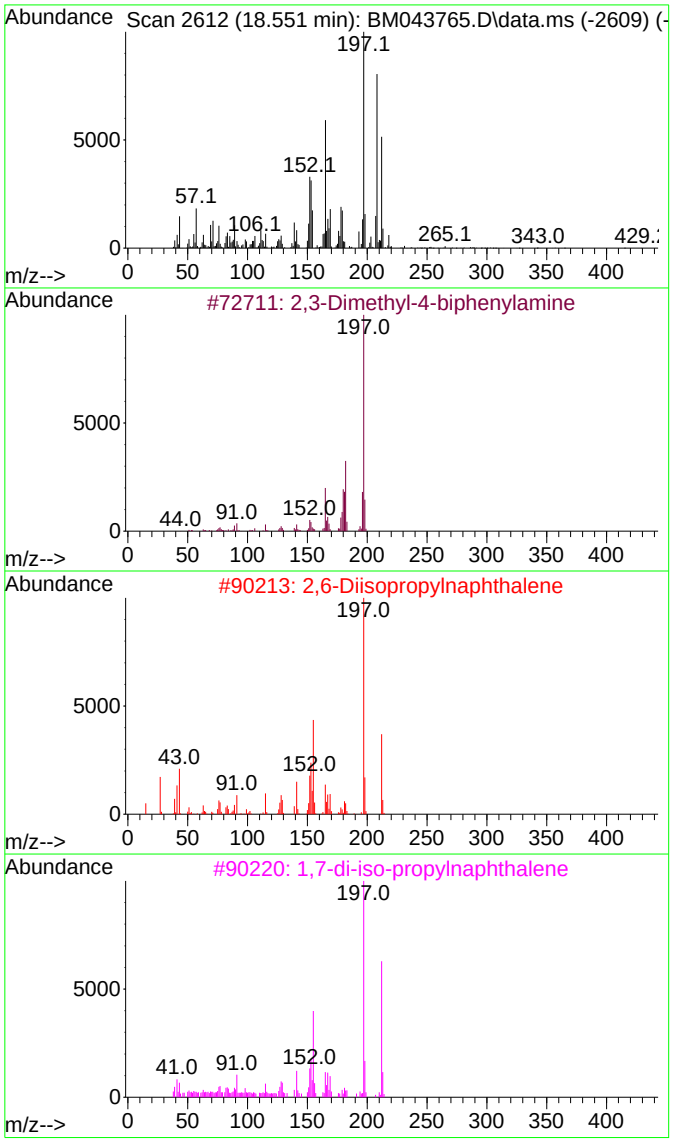
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

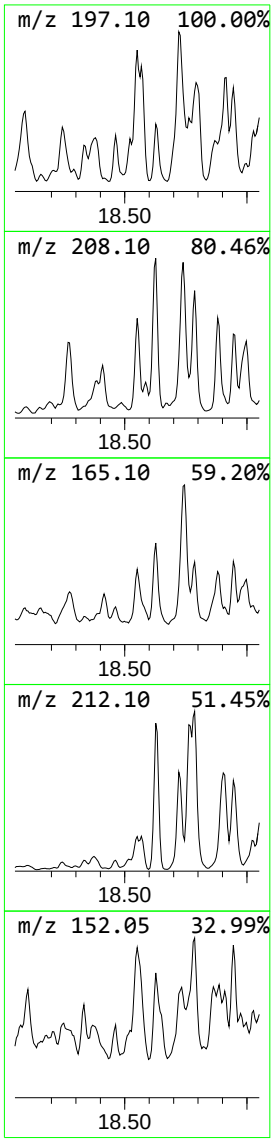
****

Peak Number 19 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.551	11.76 ng/ul	3845050	Phenanthrene-d10	17.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethyl-4-biphenylamine	197	C14H15N	022750-87-4	49
2	2,6-Diisopropylnaphthalene	212	C16H20	024157-81-1	46
3	1,7-di-iso-propylnaphthalene	212	C16H20	1000374-06-1	43
4	9H-Fluoren-9-one, 2,3-dimethyl-	208	C15H12O	004627-17-2	38
5	4'-Phenoxyacetophenone	212	C14H12O2	005031-78-7	38





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Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

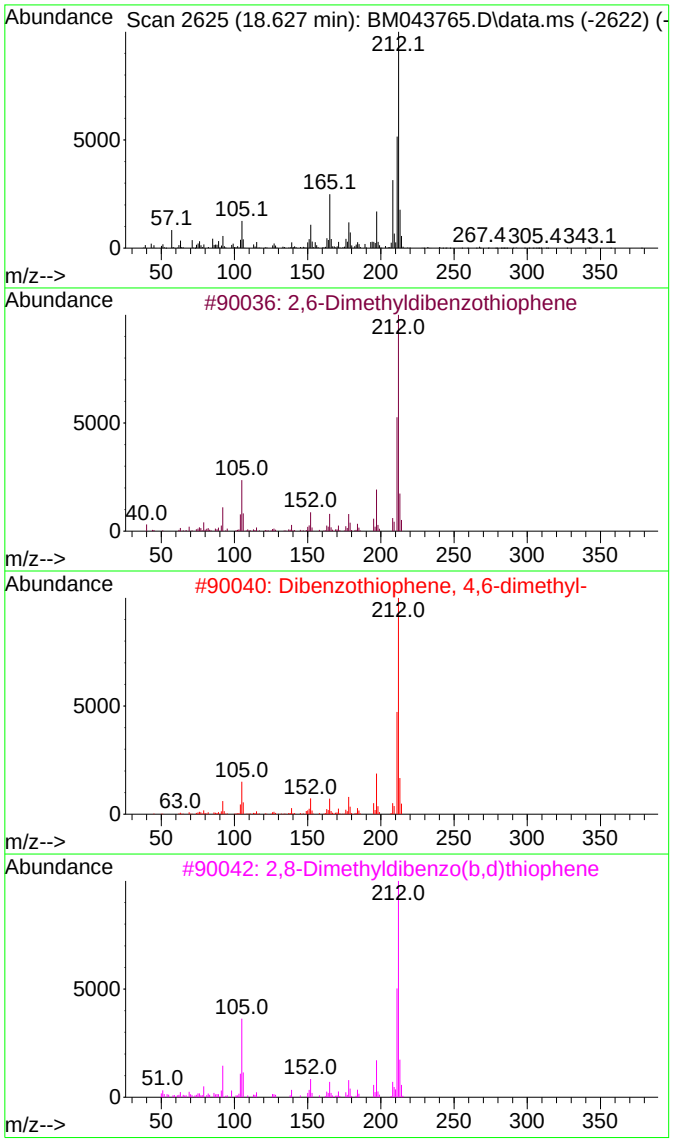
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

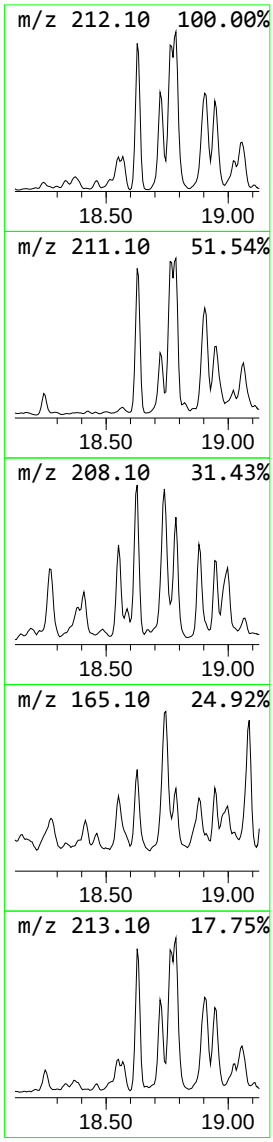
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 2,6-Dimethyldibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.627	20.67 ng/ul	6760330	Phenanthrene-d10	17.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	87
2	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	80
3	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	76
4	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	74
5	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	72





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Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

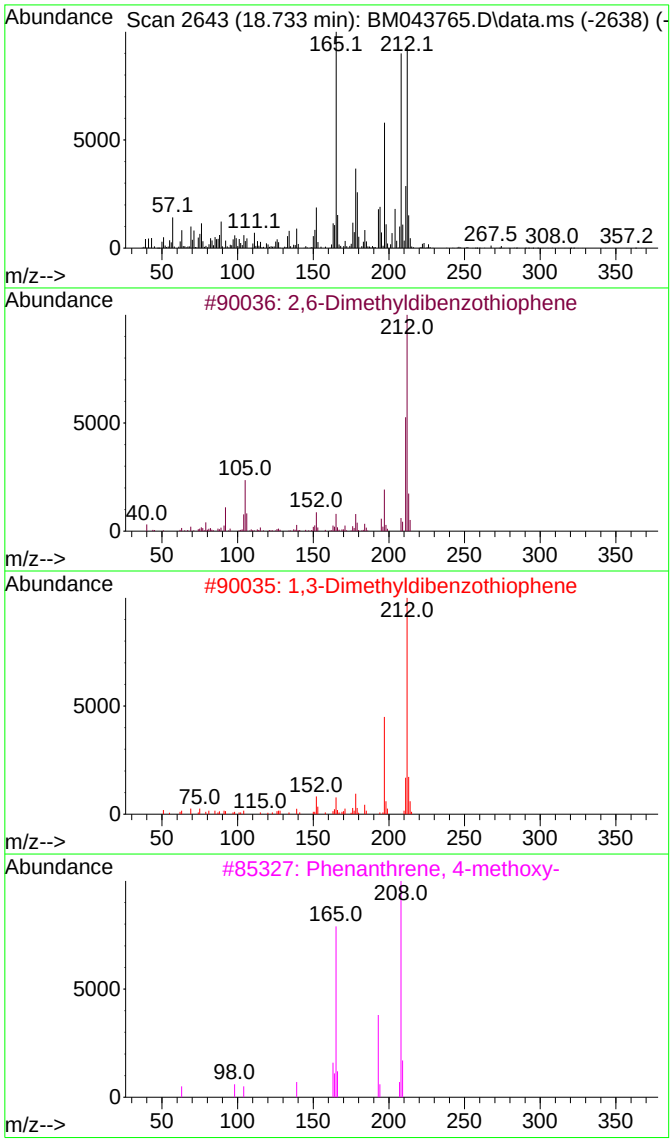
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

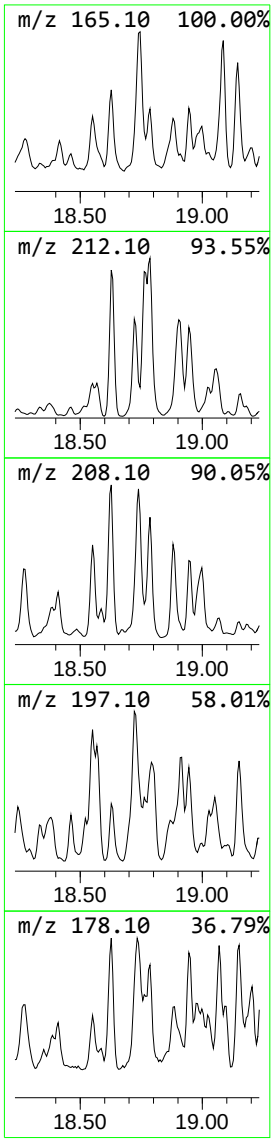
****

Peak Number 21 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.733	15.94 ng/ul	5213630	Phenanthrene-d10	17.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	55
2	1,3-Dimethyldibenzothiophene	212	C14H12S	1010383-55-0	43
3	Phenanthrene, 4-methoxy-	208	C15H12O	015638-06-9	42
4	Phenanthrene, 3-methoxy-	208	C15H12O	000835-06-3	42
5	Phenanthrene, 2-methoxy-	208	C15H12O	013837-48-4	38





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Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

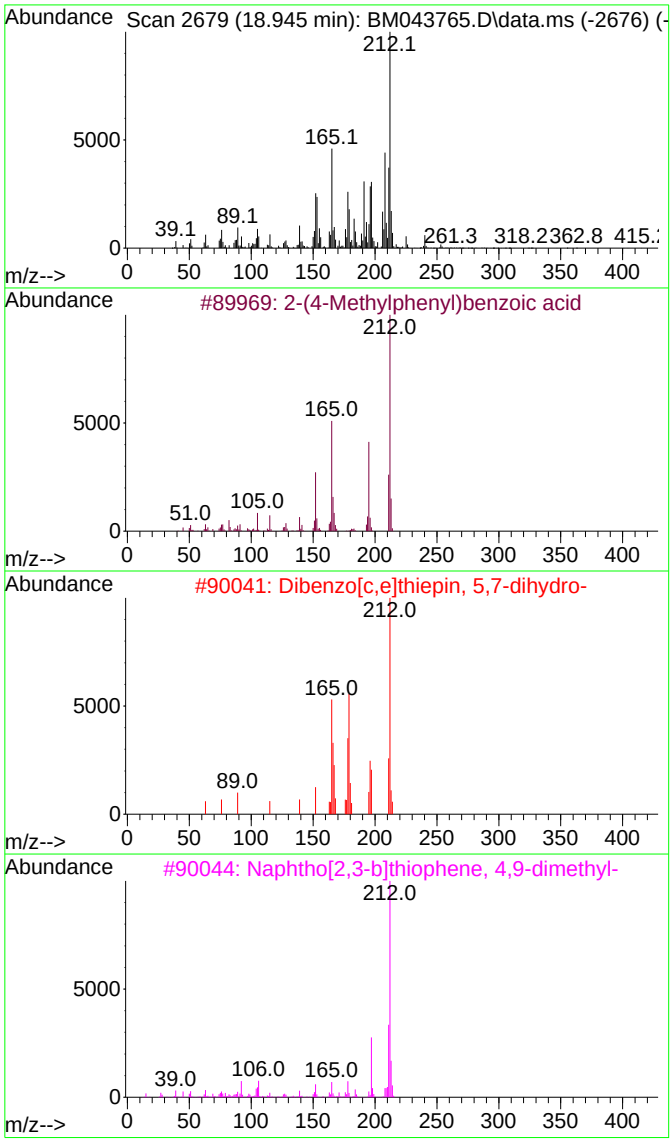
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

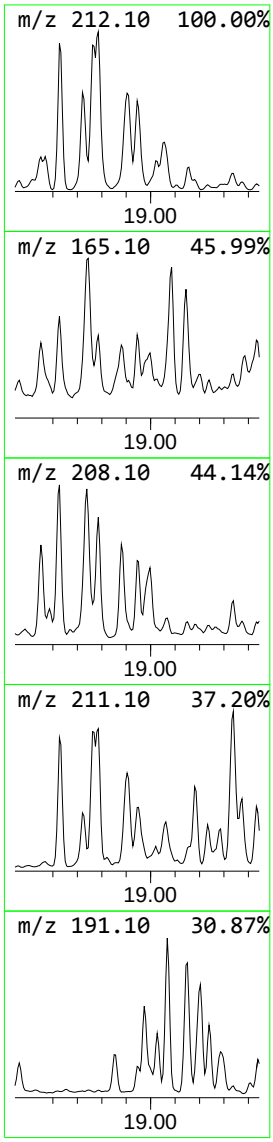
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 2-(4-Methylphenyl)benzoic acid Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.945	8.65 ng/ul	2828220	Phenanthrene-d10	17.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4-Methylphenyl)benzoic acid	212	C14H12O2	1000305-27-8	50
2	Dibenzo[c,e]thiepin, 5,7-dihydro-	212	C14H12S	006672-64-6	49
3	Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	46
4	2,5-Dimethyl-4-(3-amino-4-methyl...	212	C14H16N2	071153-33-8	46
5	9-Acridinamine, 1,2,3,4-tetrahyd...	212	C14H16N2	1000337-15-9	42





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Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

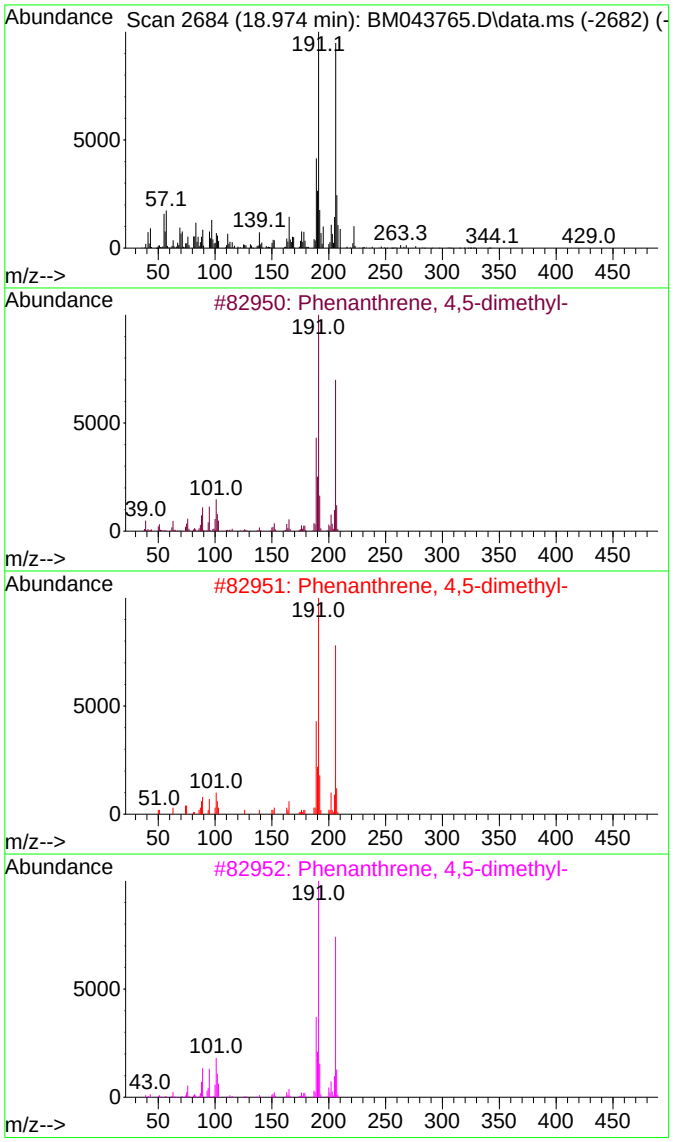
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

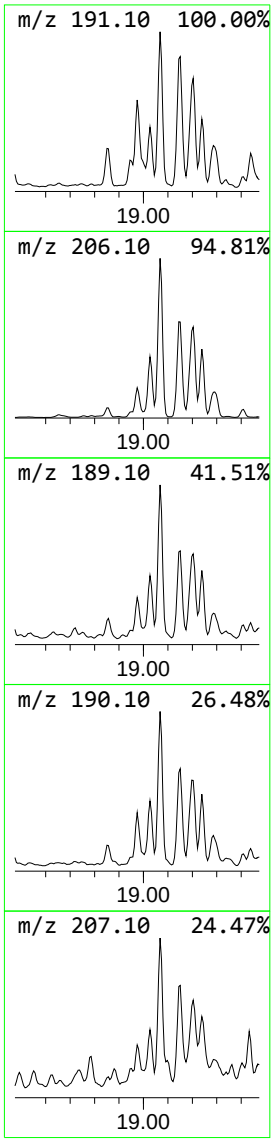
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Phenanthrene, 4,5-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.974	6.73 ng/ul	2201340	Phenanthrene-d10	17.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

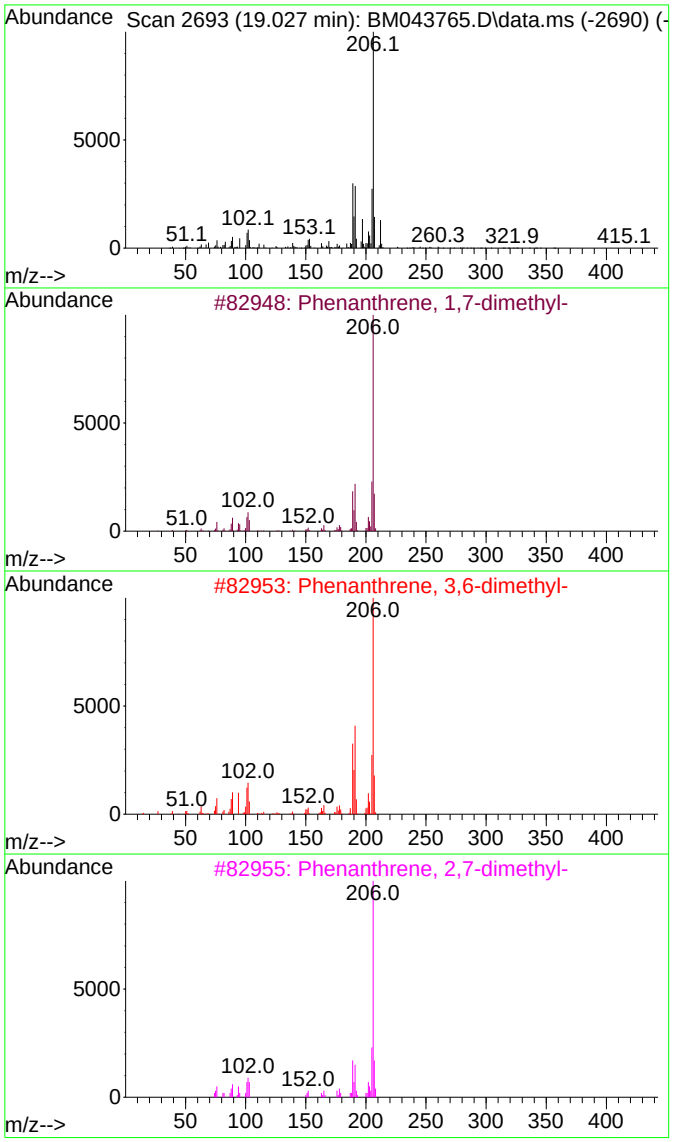
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

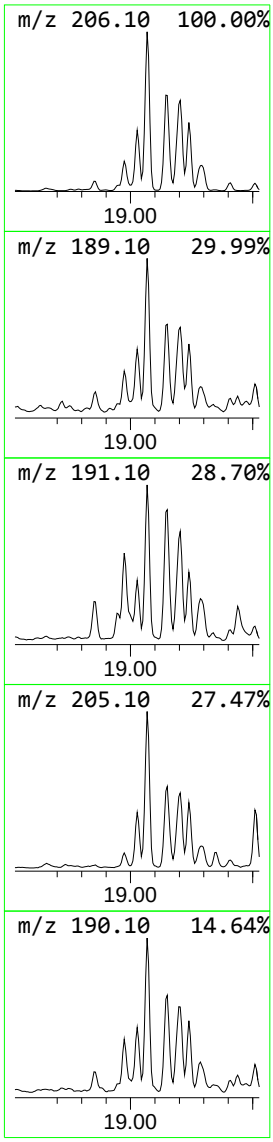
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Phenanthrene, 1,7-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.027	8.40 ng/ul	2746290	Phenanthrene-d10	17.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

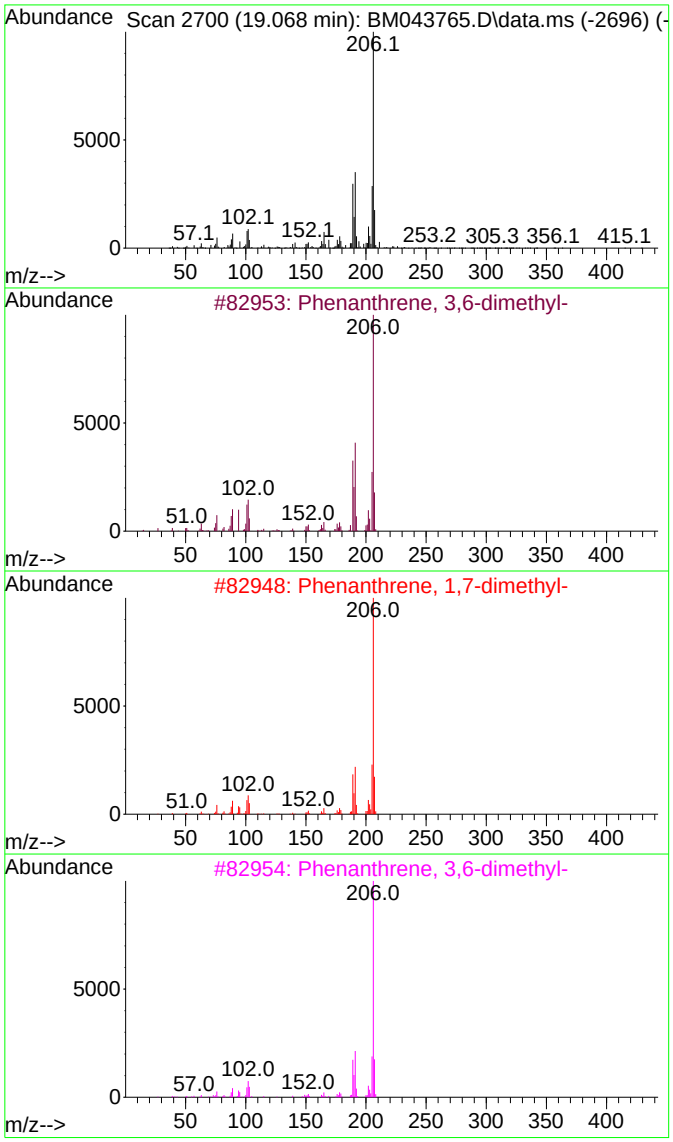
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

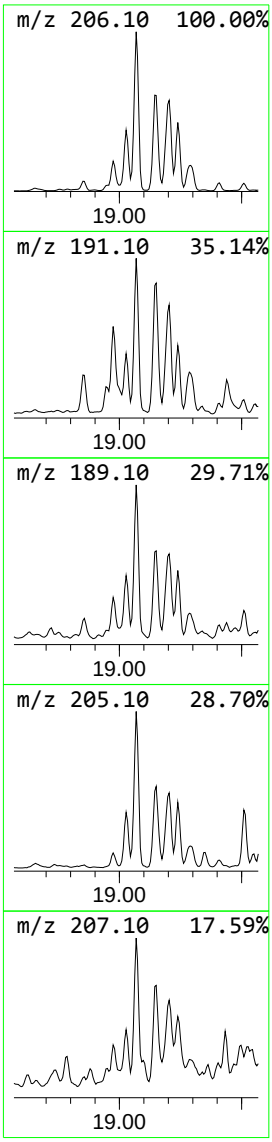
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Phenanthrene, 3,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.068	38.02 ng/ul	12433700	Phenanthrene-d10	17.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93





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Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

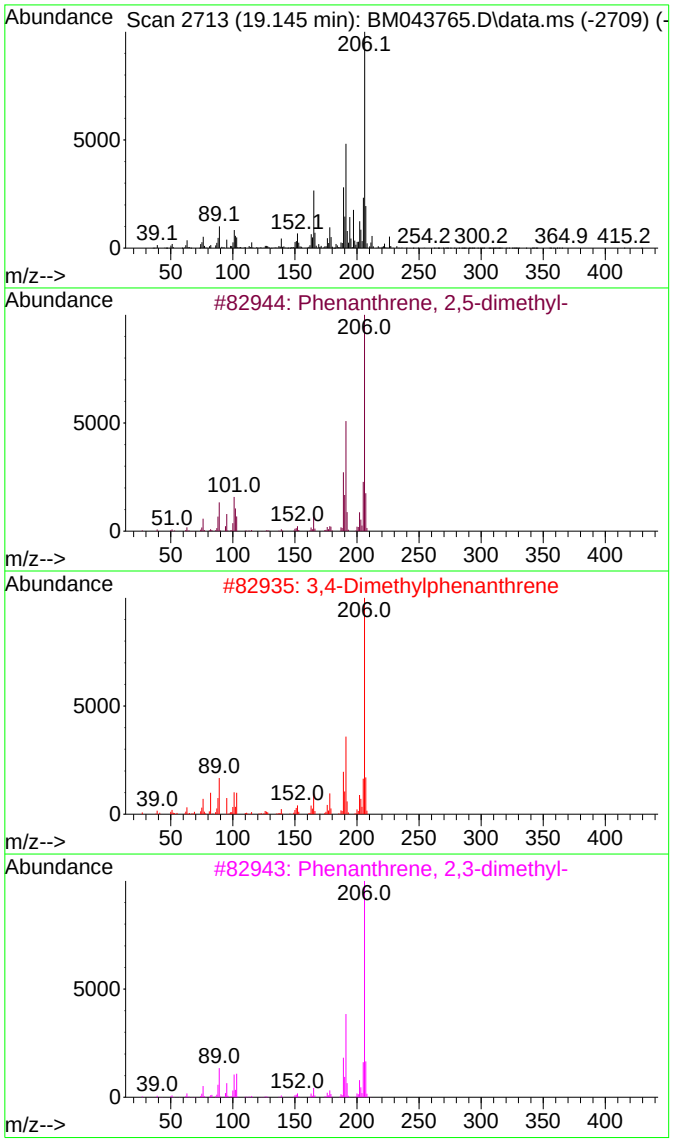
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

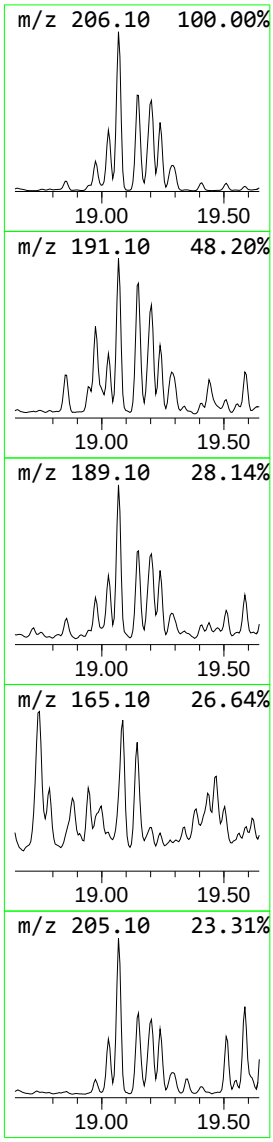
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.145	24.30 ng/ul	7944430	Phenanthrene-d10	17.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	89





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Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

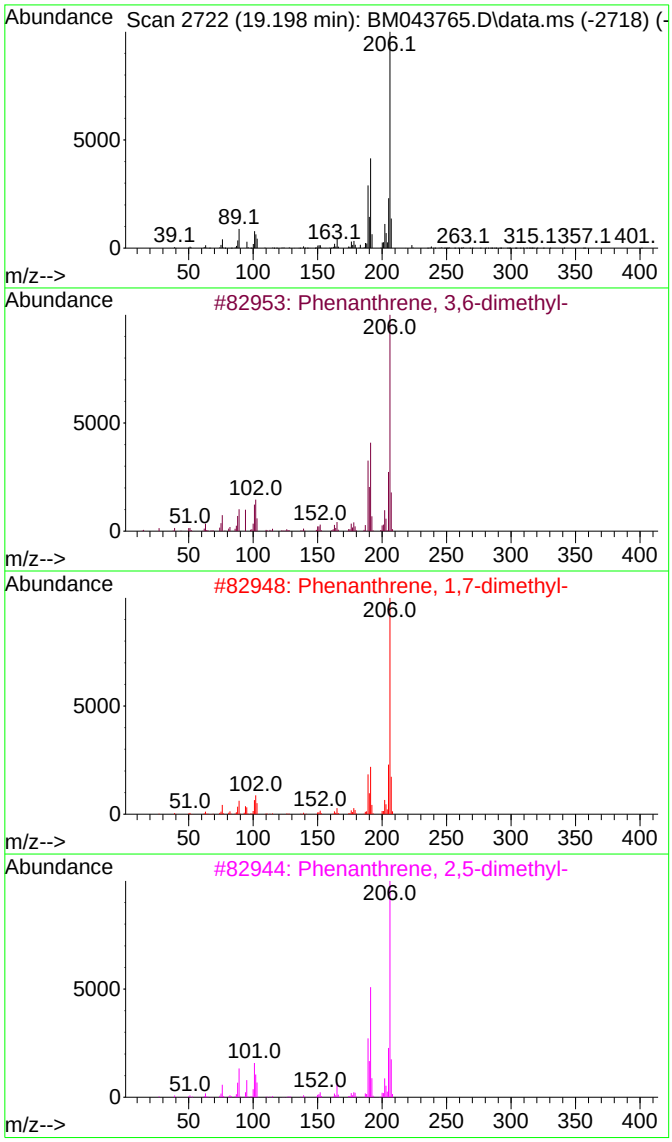
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

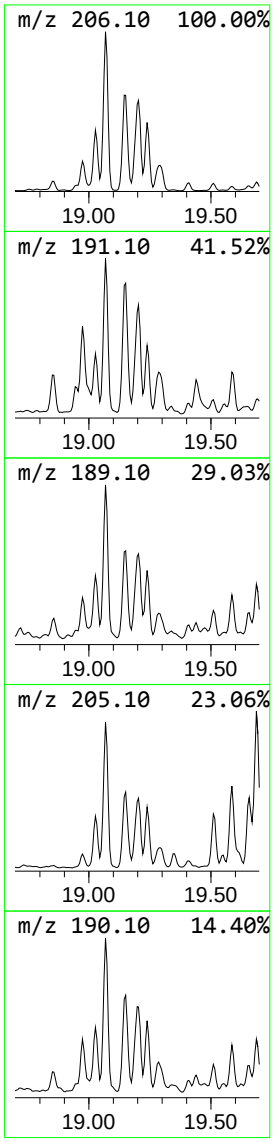
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Phenanthrene, 2,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.198	15.19 ng/ul	4965580	Phenanthrene-d10	17.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90





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Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

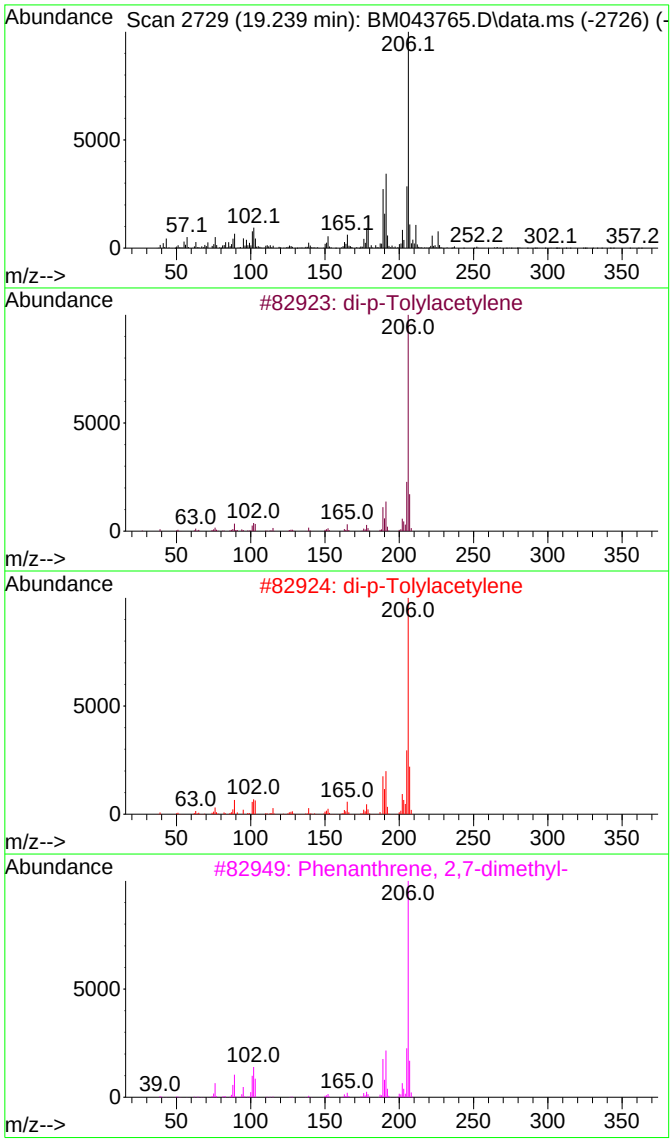
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

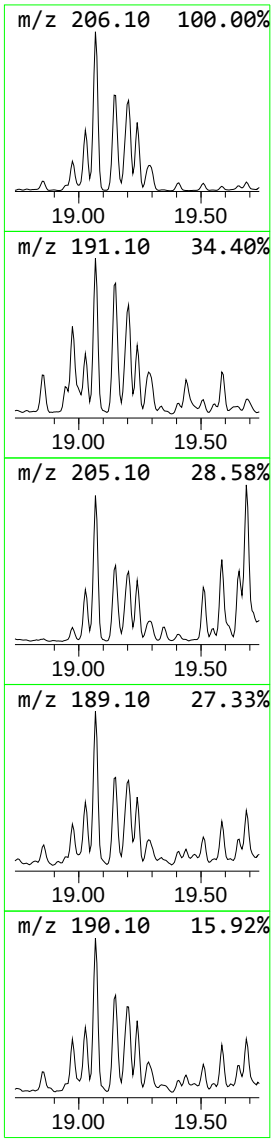
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 di-p-Tolylacetylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.239	10.75 ng/ul	3513750	Phenanthrene-d10	17.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	76





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Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

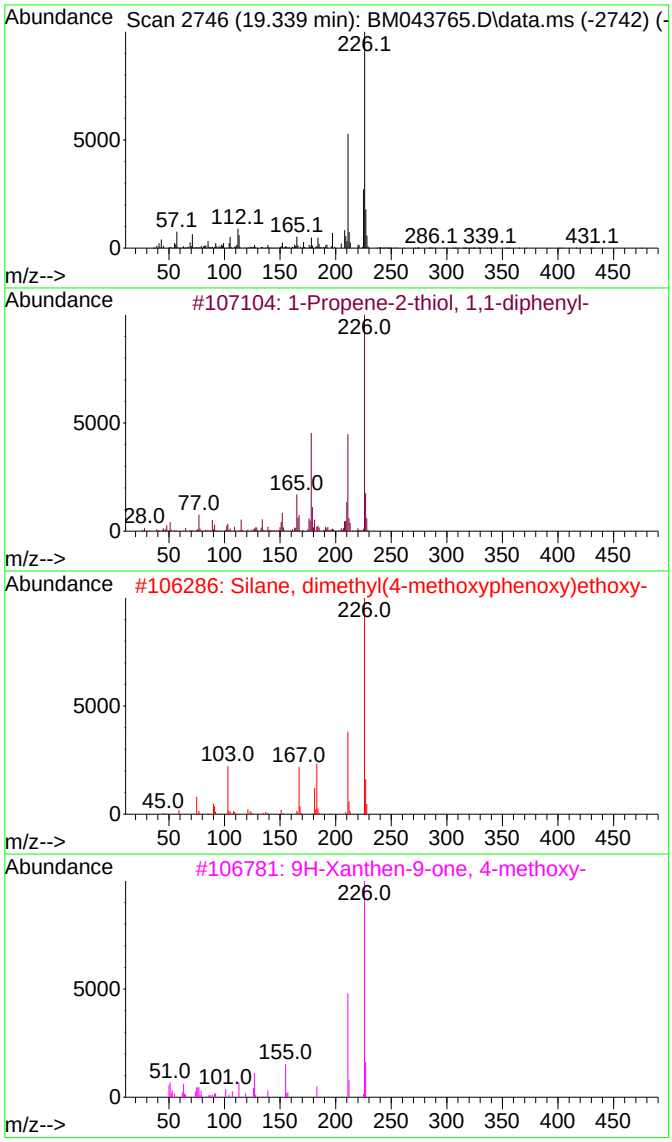
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

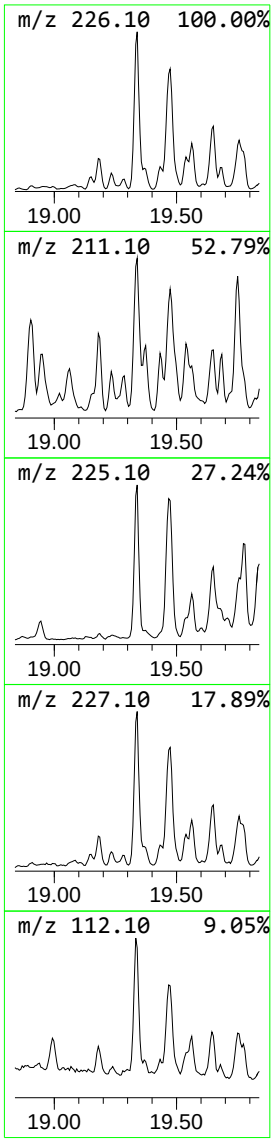
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 1-Propene-2-thiol, 1,1-diph... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.339	16.67 ng/ul	5450790	Phenanthrene-d10	17.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene-2-thiol, 1,1-diphenyl-	226	C15H14S	074630-83-4	72
2	Silane, dimethyl(4-methoxyphenox...	226	C11H18O3Si	1000347-13-9	72
3	9H-Xanthen-9-one, 4-methoxy-	226	C14H10O3	006702-58-5	64
4	Benzene, 1,1'-[(methylthio)ethen...	226	C15H14S	015096-10-3	59
5	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	59





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Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

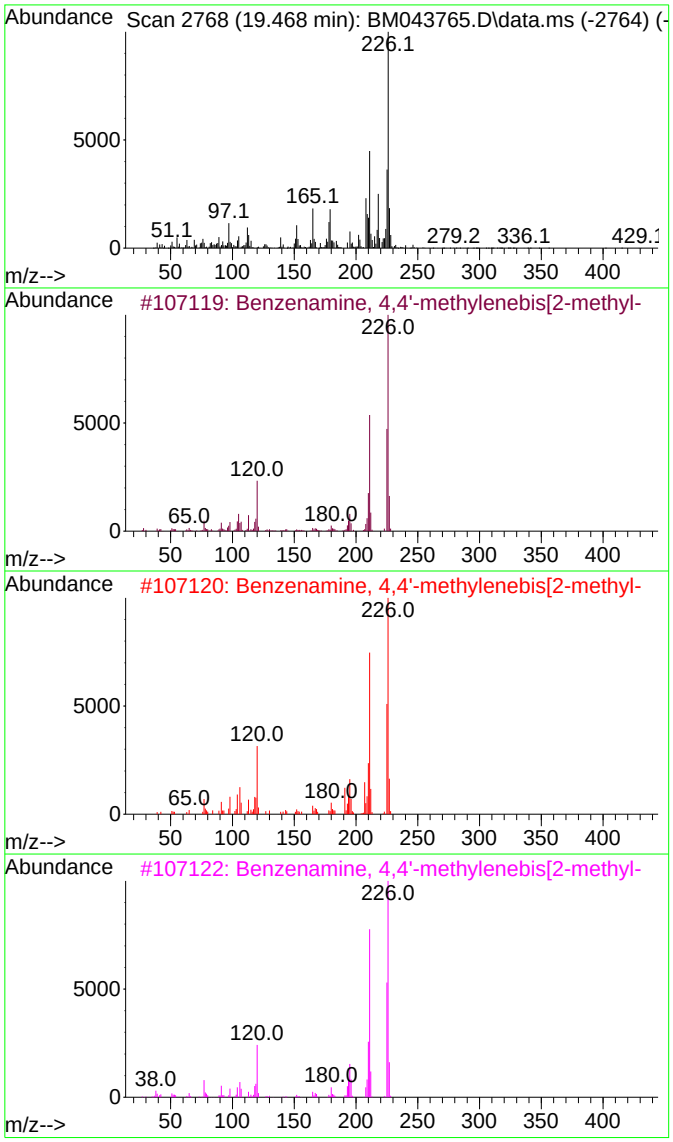
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

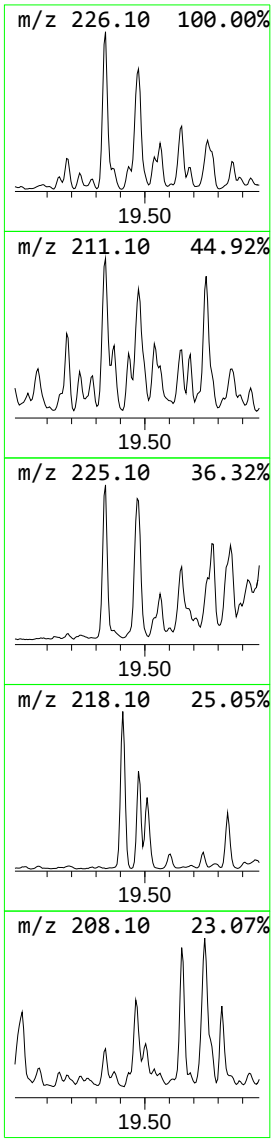
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzenamine, 4,4'-methylene... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.468	15.11 ng/ul	4510020	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4,4'-methylenebis[2...	226	C15H18N2	000838-88-0	68
2	Benzenamine, 4,4'-methylenebis[2...	226	C15H18N2	000838-88-0	68
3	Benzenamine, 4,4'-methylenebis[2...	226	C15H18N2	000838-88-0	59
4	Benzene, 1,1'-[(methylthio)ethen...	226	C15H14S	015096-10-3	58
5	1-Propene-2-thiol, 1,1-diphenyl-	226	C15H14S	074630-83-4	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

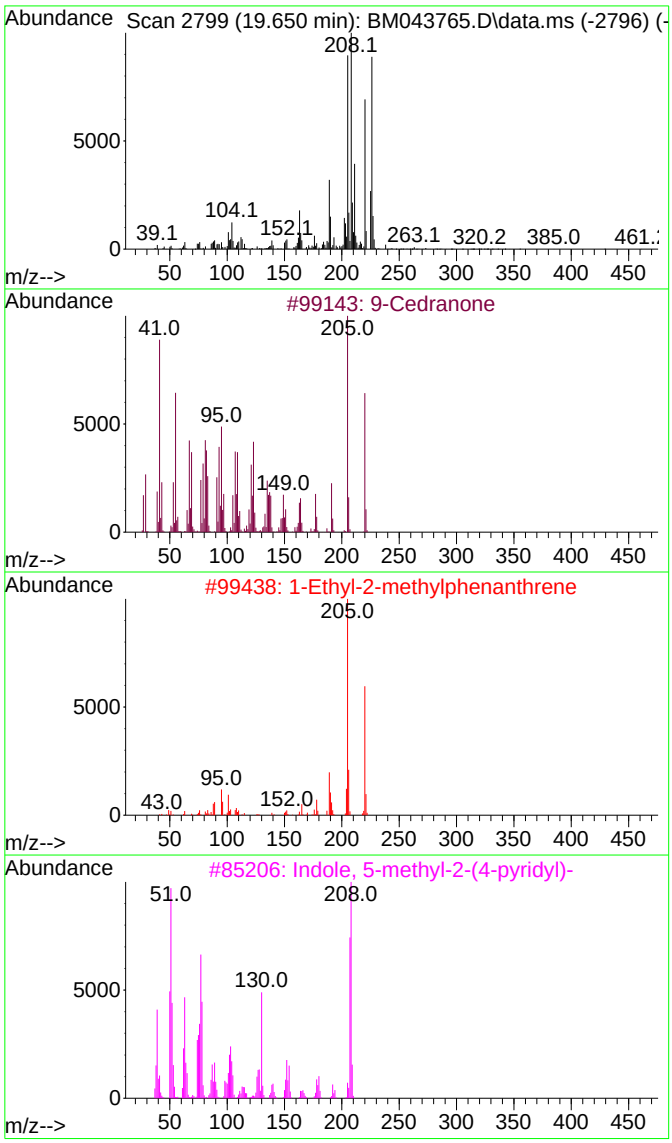
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

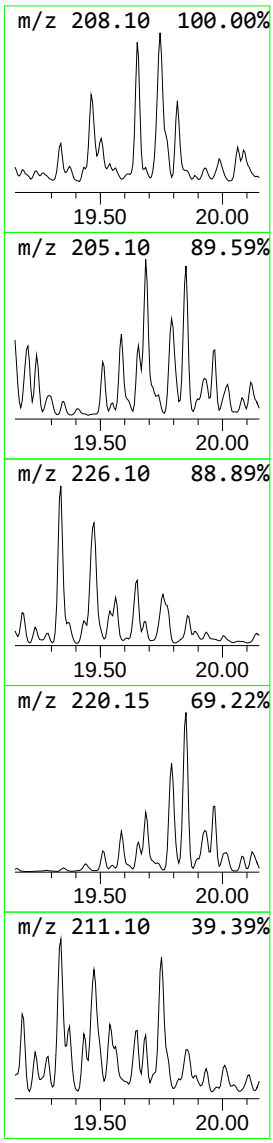
****

Peak Number 31 9-Cedranone Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.651	5.20 ng/ul	1553070	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Cedranone	220	C15H24O	1000156-23-2	68
2	1-Ethyl-2-methylphenanthrene	220	C17H16	061983-53-7	25
3	Indole, 5-methyl-2-(4-pyridyl)-	208	C14H12N2	107919-92-6	25
4	1-Propene-2-thiol, 1,1-diphenyl-	226	C15H14S	074630-83-4	25
5	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	25





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Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

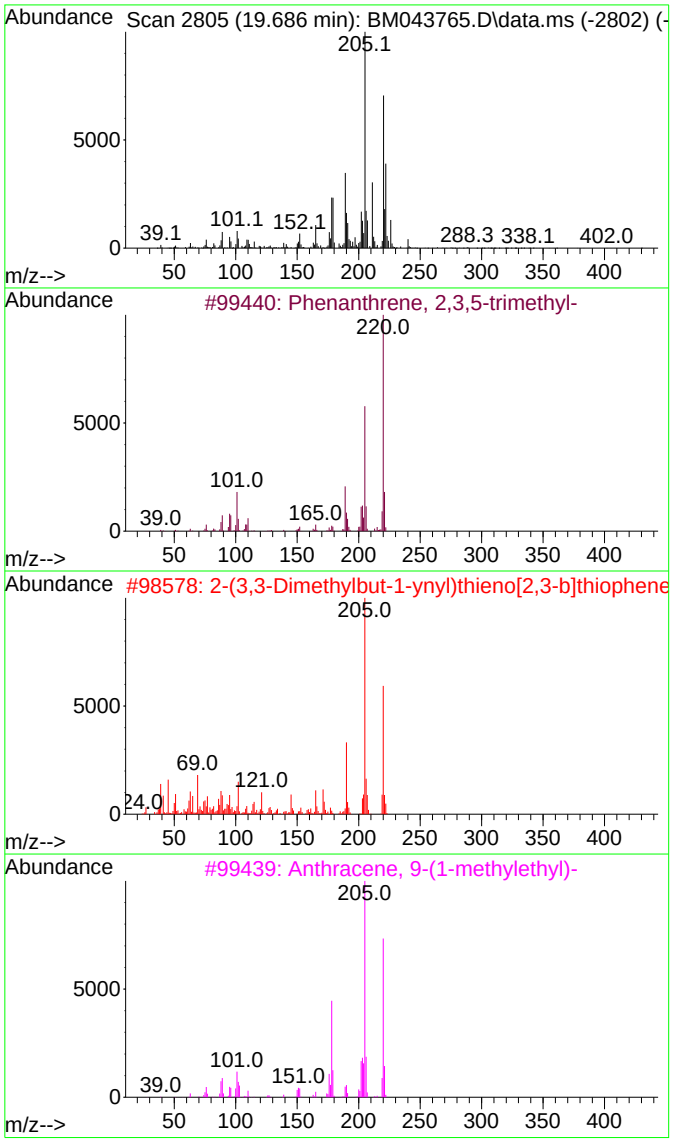
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

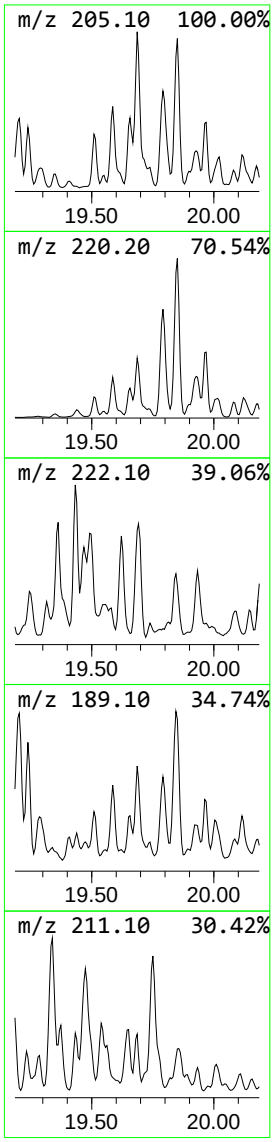
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.686	10.91 ng/ul	3256380	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	50
2	2-(3,3-Dimethylbut-1-ynyl)thieno...	220	C12H12S2	1010250-48-5	43
3	Anthracene, 9-(1-methylethyl)-	220	C17H16	001498-80-2	41
4	2,6-Di-t-butyl-4-methylphenol ac...	262	C17H26O2	029311-34-0	38
5	Benzeneacetonitrile, .alpha.-(ph...	205	C15H11N	016610-80-3	38





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Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

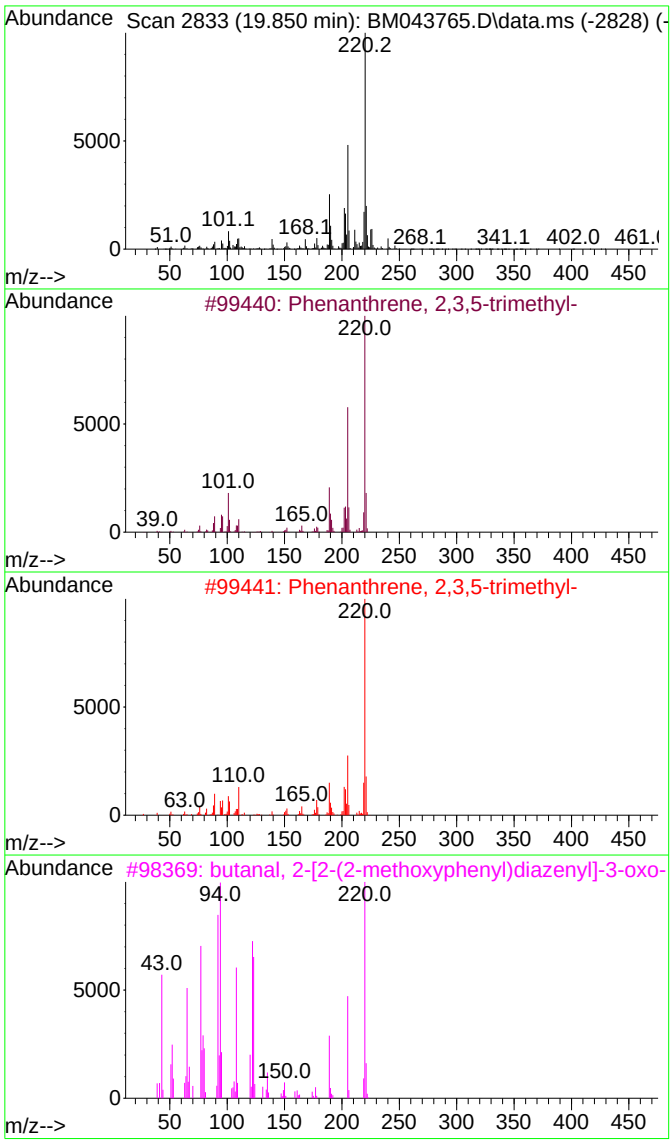
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

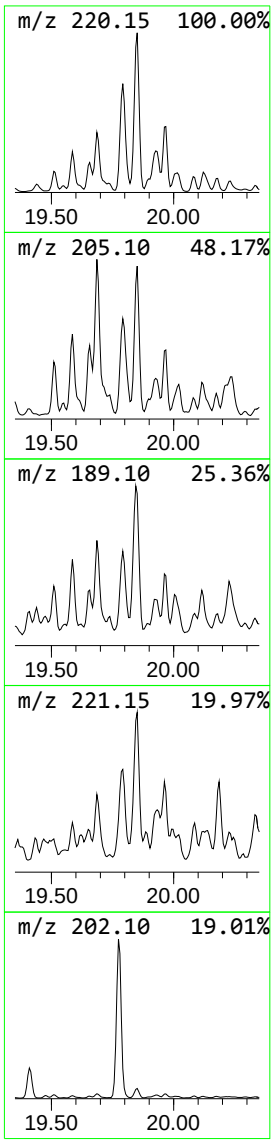
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 butanal, 2-[2-(2-methoxyphe... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.851	24.53 ng/ul	7324860	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	93
2	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	87
3	butanal, 2-[2-(2-methoxyphenyl)d...	220	C11H12N2O3	1000396-24-5	64
4	1-Penten-3-one, 4-methyl-1-[2,6,...	220	C15H24O	1000132-20-9	53
5	Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	52





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Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

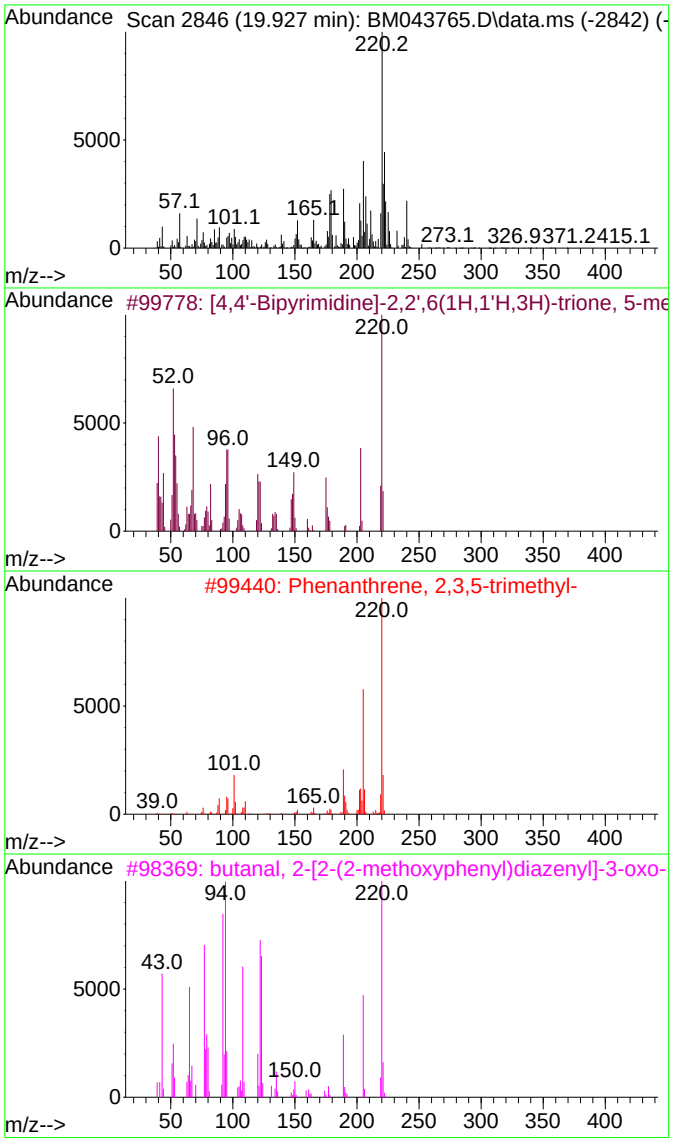
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

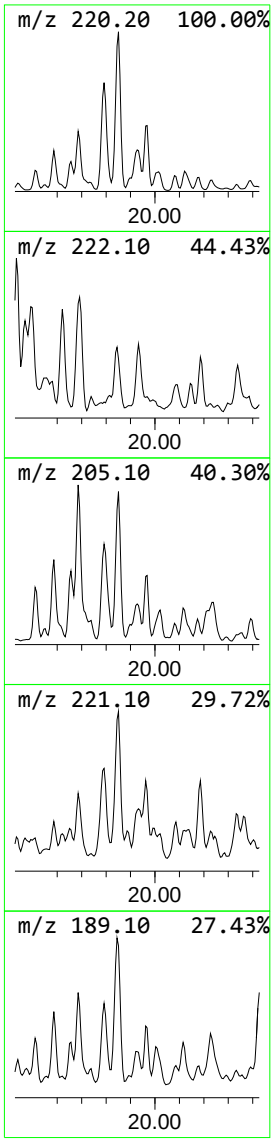
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 [4,4'-Bipyrimidine]-2,2',6(... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.927	9.33 ng/ul	2785190	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[4,4'-Bipyrimidine]-2,2',6(1H,1'...	220	C9H8N4O3	018694-06-9	74
2	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	50
3	butanal, 2-[2-(2-methoxyphenyl)d...	220	C11H12N2O3	1000396-24-5	45
4	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	42
5	1-Penten-3-one, 4-methyl-1-[2,6,...	220	C15H24O	1000132-20-9	38





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Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

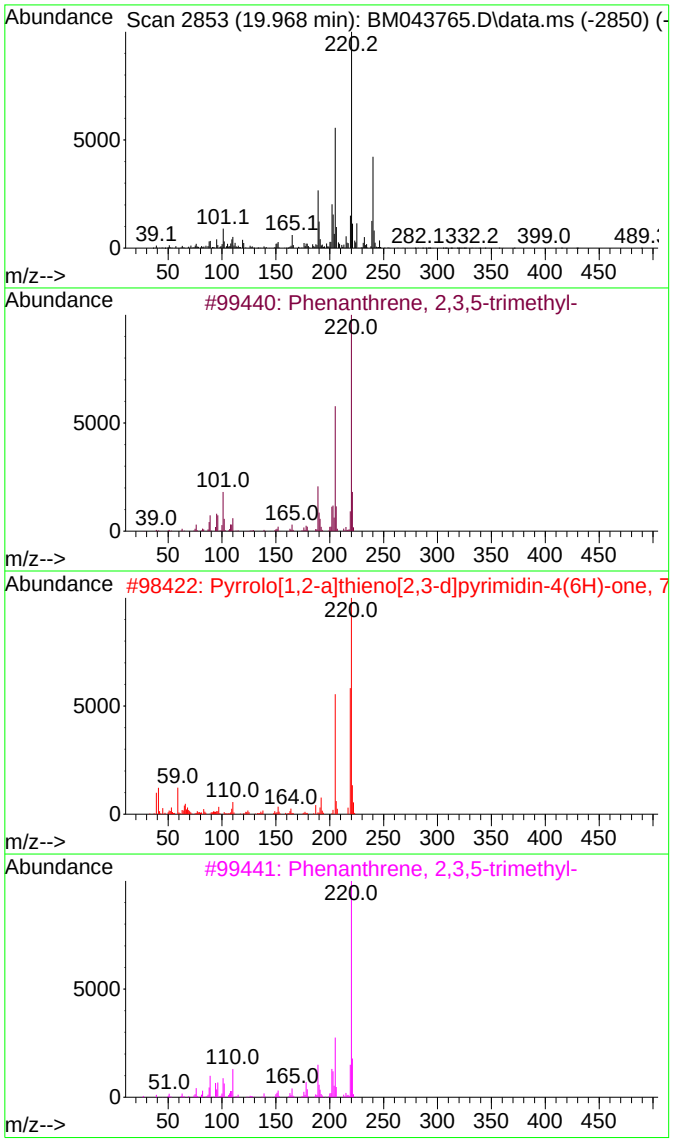
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

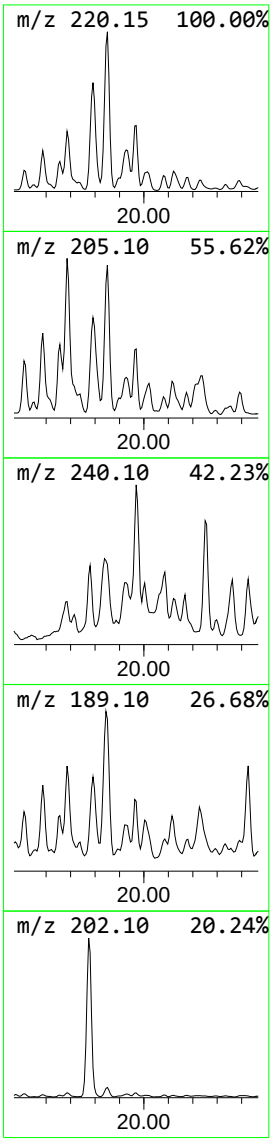
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Pyrrolo[1,2-a]thieno[2,3-d]... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.968	5.39 ng/ul	1610520	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	60
2	Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	55
3	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	45
4	Benzo[b]dihydropyran, 6-hydroxy-...	220	C14H20O2	050442-70-1	43
5	2H-1-Benzopyran, 6,7-dimethoxy-2...	220	C13H16O3	000644-06-4	43





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Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

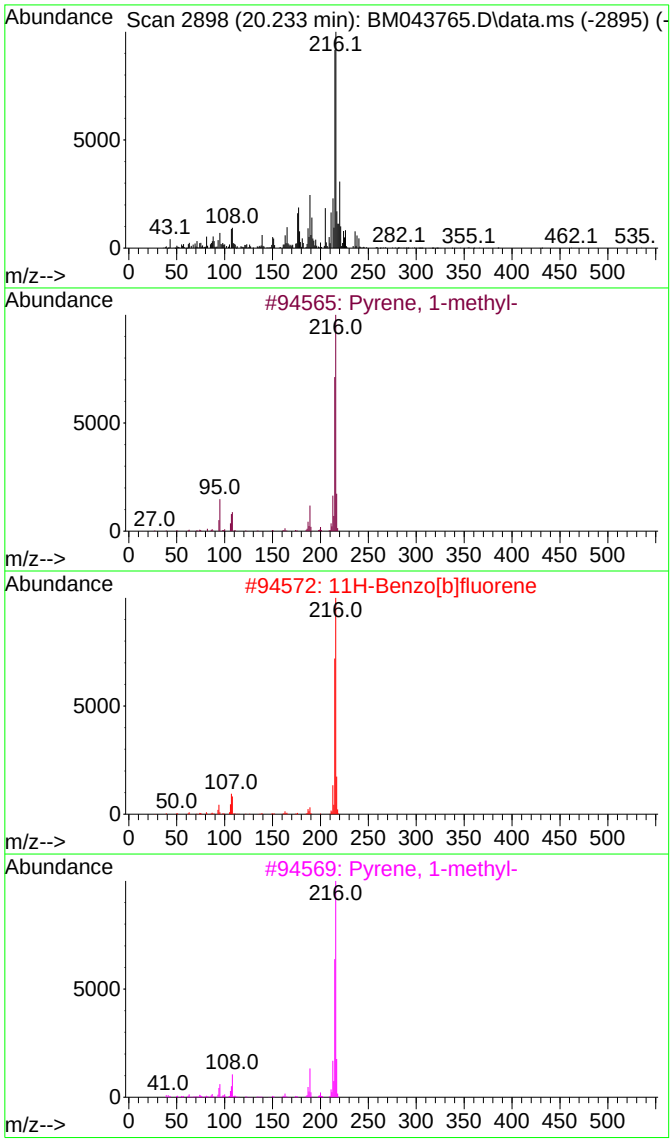
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

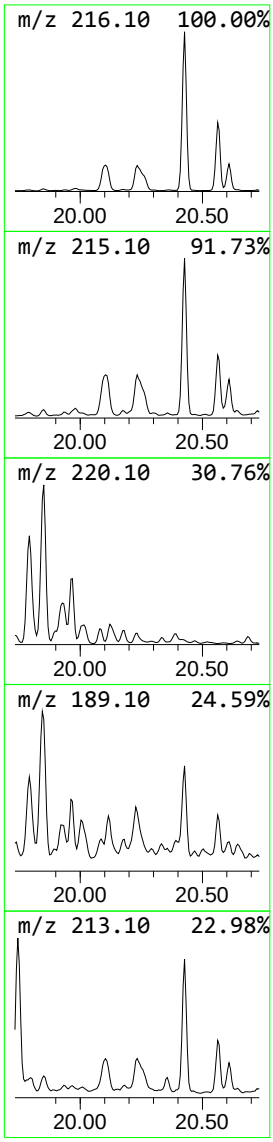
****

Peak Number 37 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.233	10.65 ng/ul	3180620	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	62





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Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

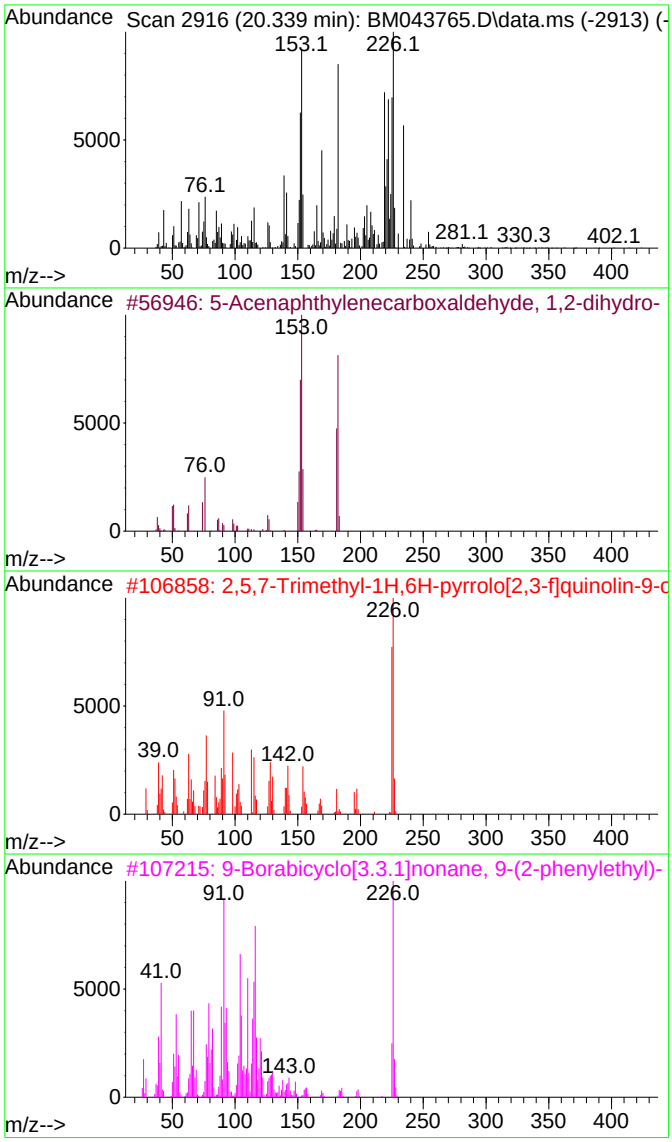
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

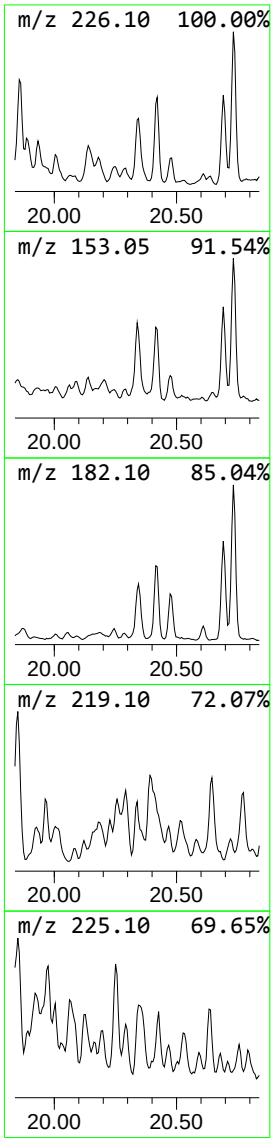
****

Peak Number 38 unknown-03 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.339	5.08 ng/ul	1516280	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Acenaphthylenecarboxaldehyde, ...	182	C13H10O	1000362-64-3	47
2	2,5,7-Trimethyl-1H,6H-pyrrolo[2,...	226	C14H14N2O	1000459-16-7	15
3	9-Borabicyclo[3.3.1]nonane, 9-(2...	226	C16H23B	067753-90-6	15
4	6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	15
5	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	15





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Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

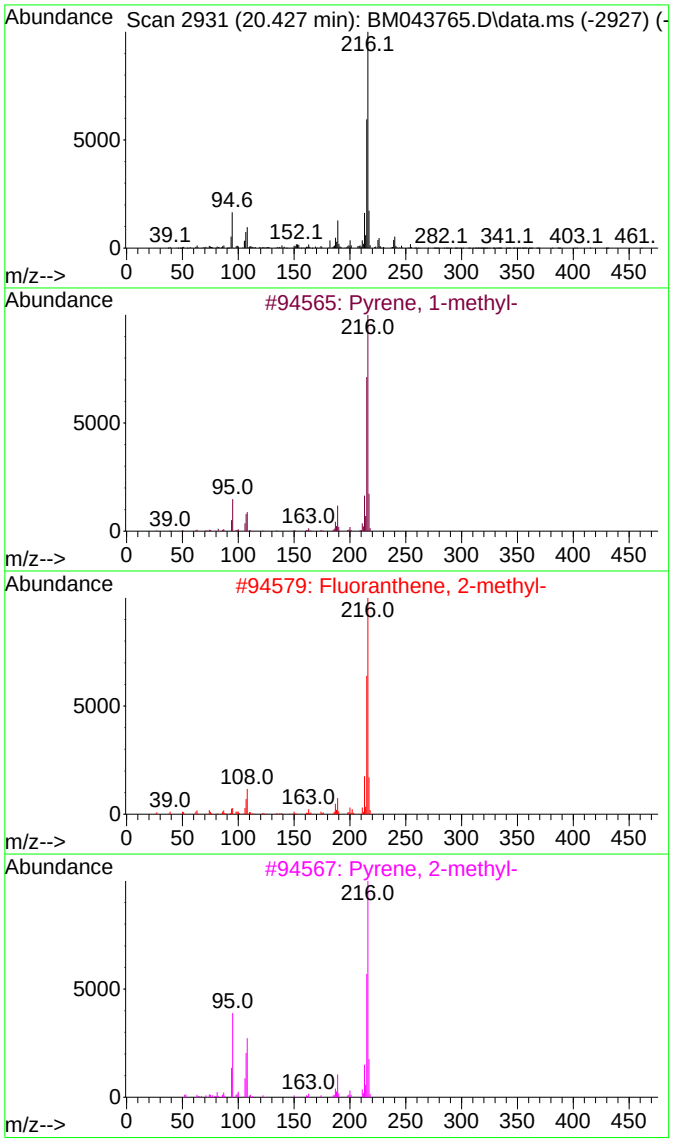
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

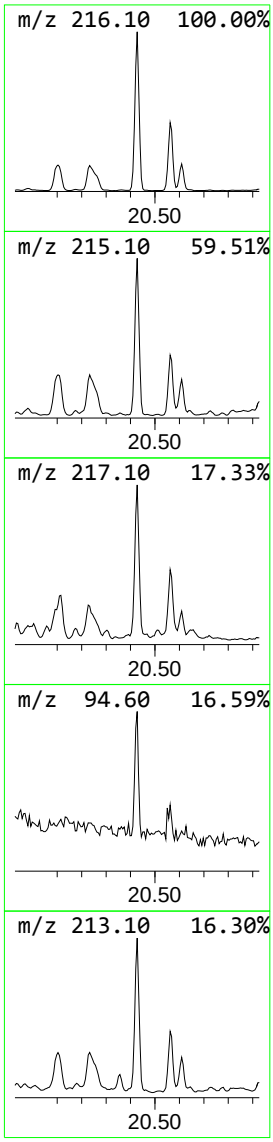
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.427	20.43 ng/ul	6098880	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93





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Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

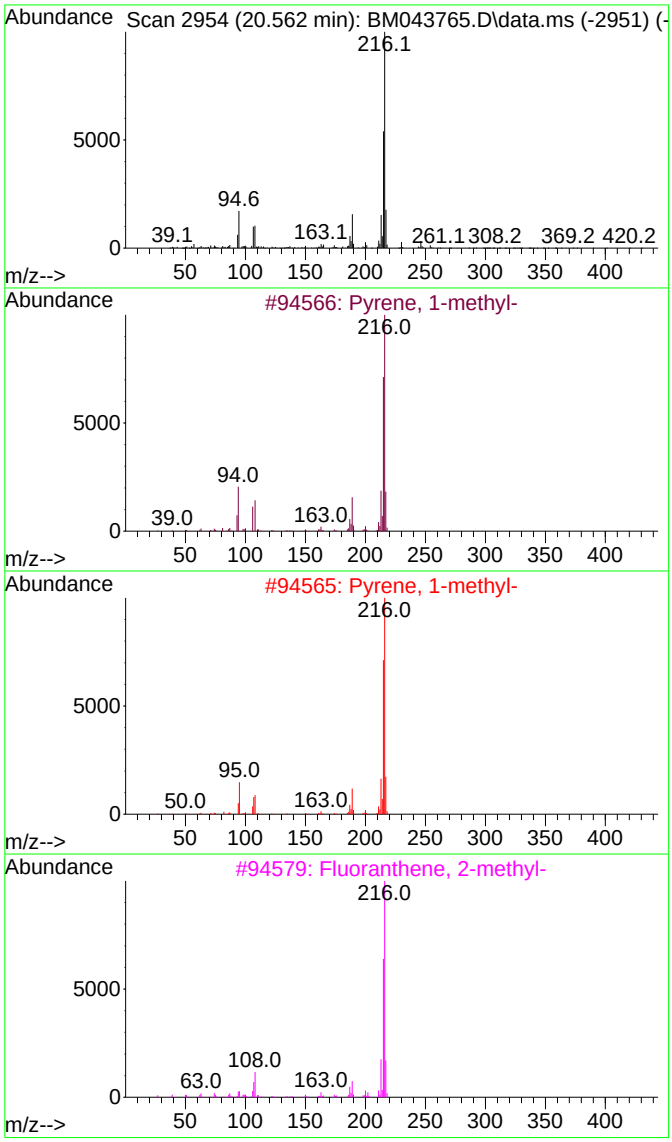
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

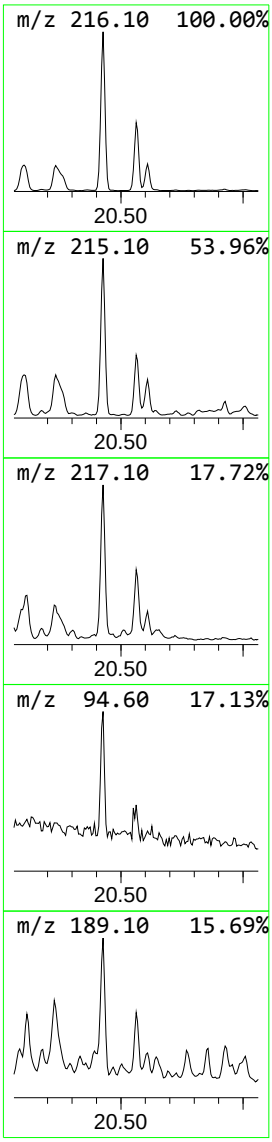
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Pyrene, 4-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.562	6.46 ng/ul	1927320	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	99
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

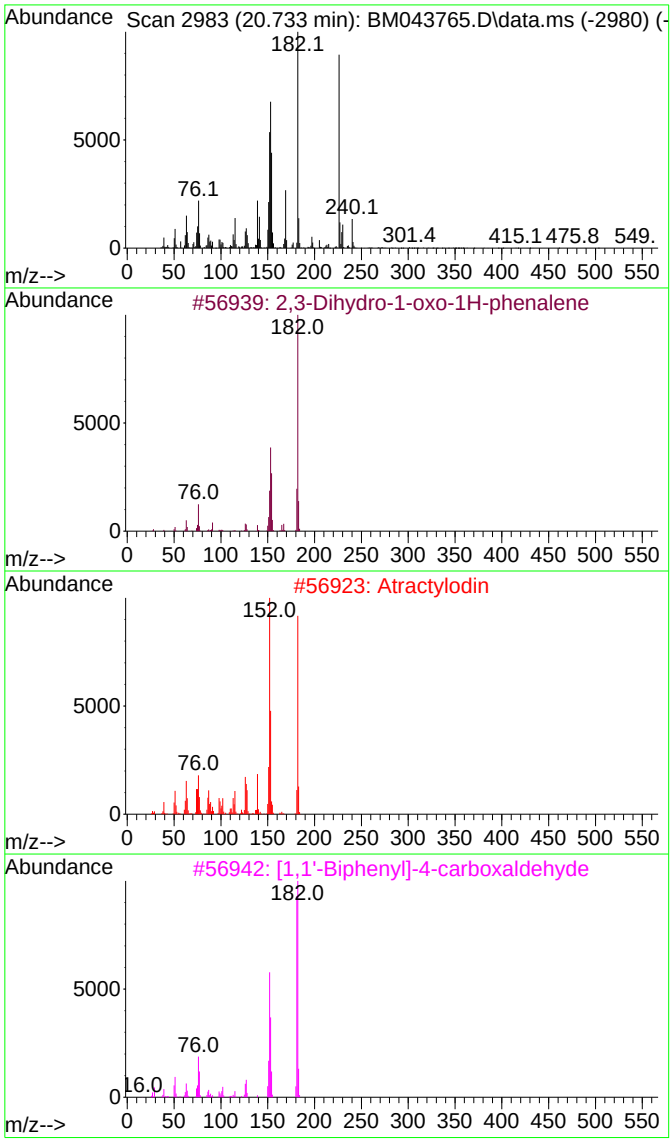
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

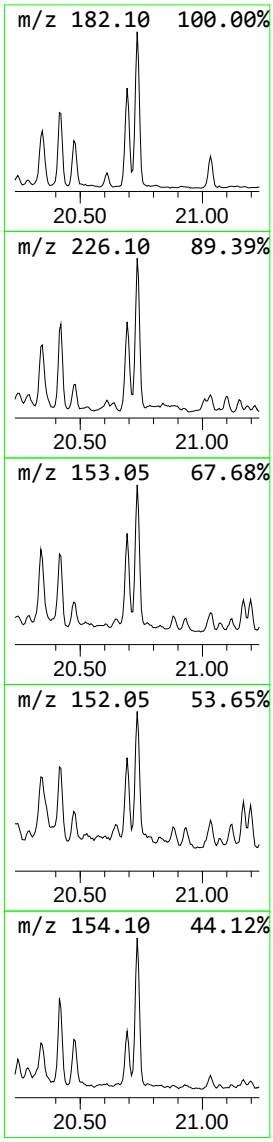
****

Peak Number 42 unknown-04 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.733	6.16 ng/ul	1840370	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	49
2	Atractylodin	182	C13H10O	055290-63-6	46
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	41
4	Benzenamine, 4-ethoxy-3-nitro-	182	C8H10N2O3	001777-87-3	38
5	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	38





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Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

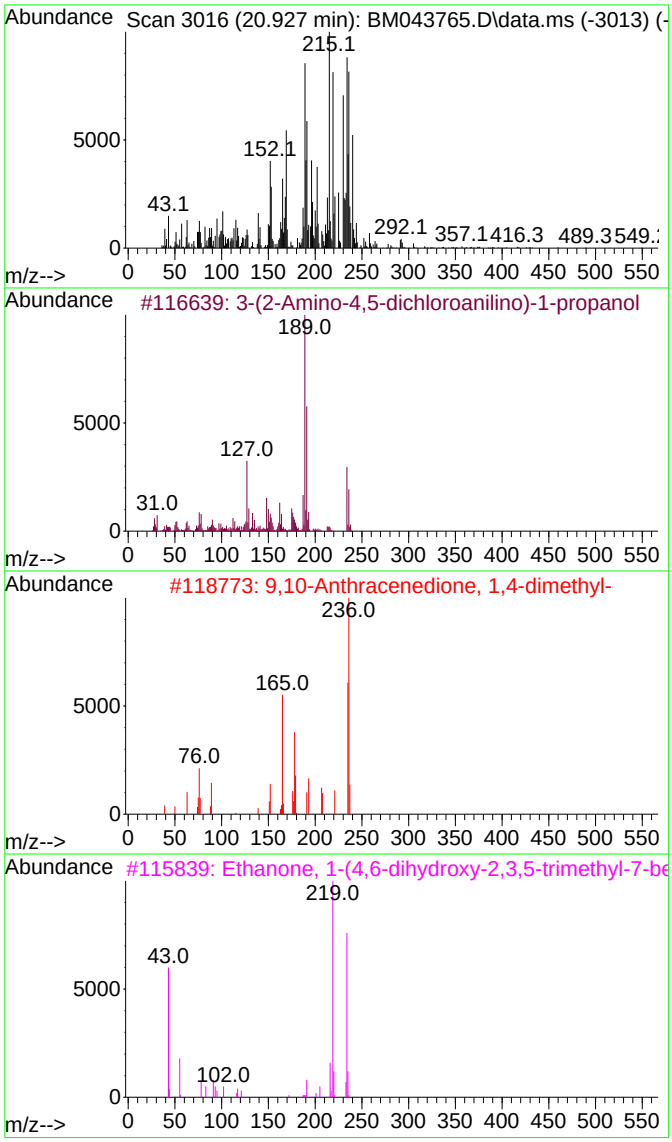
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

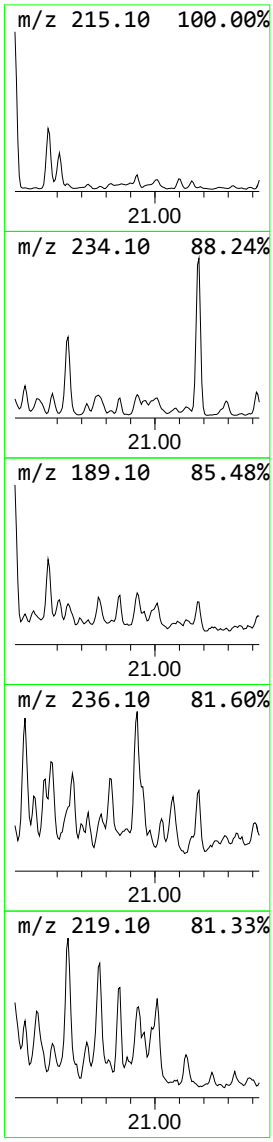
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 unknown-05 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.927	4.41 ng/ul	1316200	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Amino-4,5-dichloroanilino)-...	234	C9H12Cl2N2O	067990-12-9	42
2	9,10-Anthracenedione, 1,4-dimethyl-	236	C16H12O2	001519-36-4	25
3	Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	18
4	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	18
5	Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	18





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Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

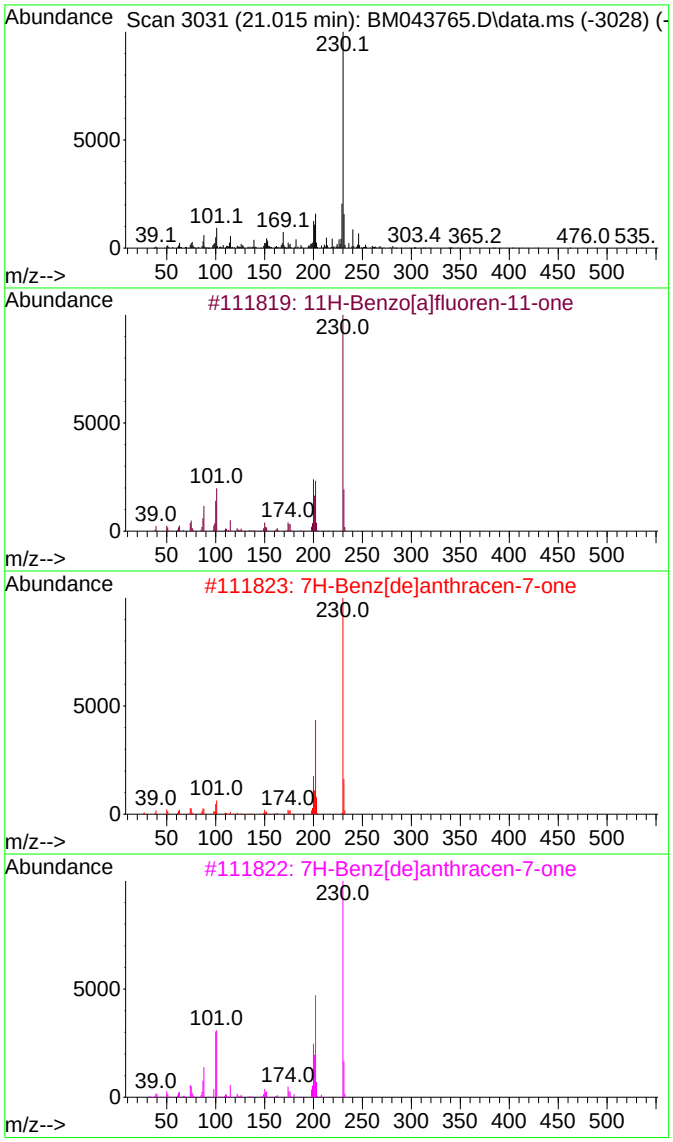
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

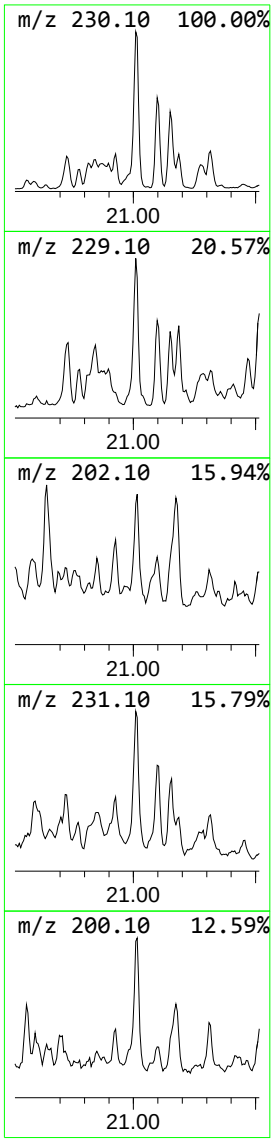
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 11H-Benzo[a]fluoren-11-one Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.015	5.50 ng/ul	1643370	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	70
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68





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Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

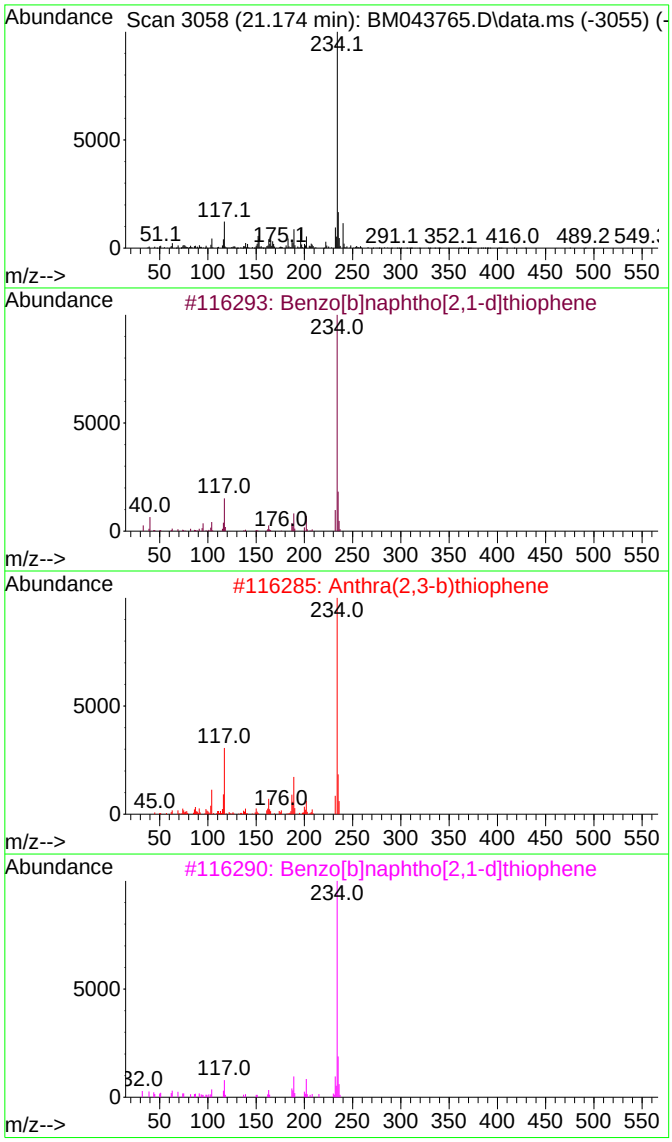
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

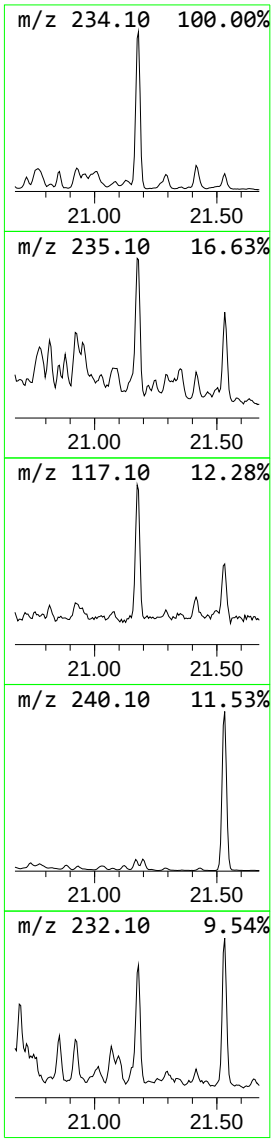
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.174	7.98 ng/ul	2382730	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	95
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91





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Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

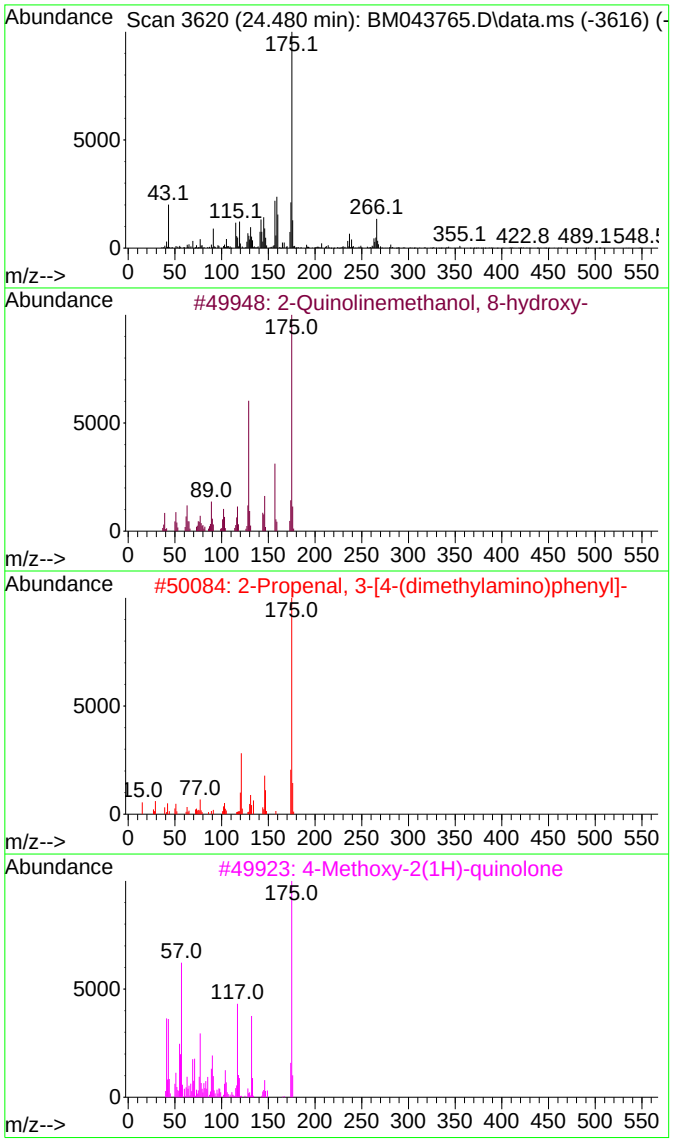
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

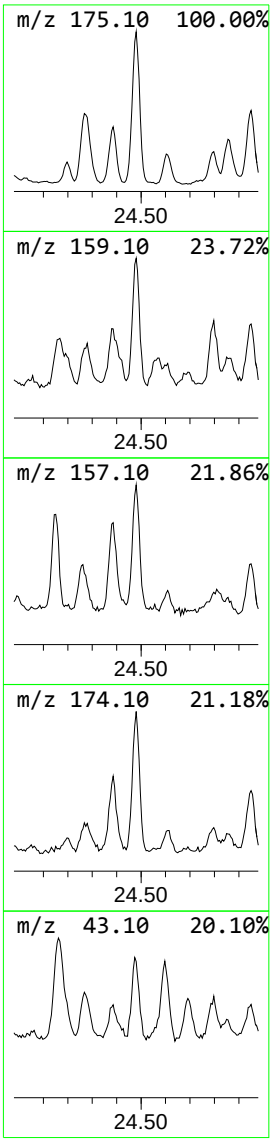
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 2-Quinolinemethanol, 8-hydr... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.480	7.66 ng/ul	1482500	Perylene-d12	23.950

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Quinolinemethanol, 8-hydroxy-	175	C10H9NO2	017018-82-5	50
2	2-Propenal, 3-[4-(dimethylamino)...	175	C11H13NO	006203-18-5	49
3	4-Methoxy-2(1H)-quinolone	175	C10H9NO2	027667-34-1	47
4	[5-(Pyridin-2-yl)-2H-1,2,4-triaz...	175	C8H9N5	1000443-80-8	47
5	1H-Indole-2-carboxylic acid, 1-m...	175	C10H9NO2	016136-58-6	47





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Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

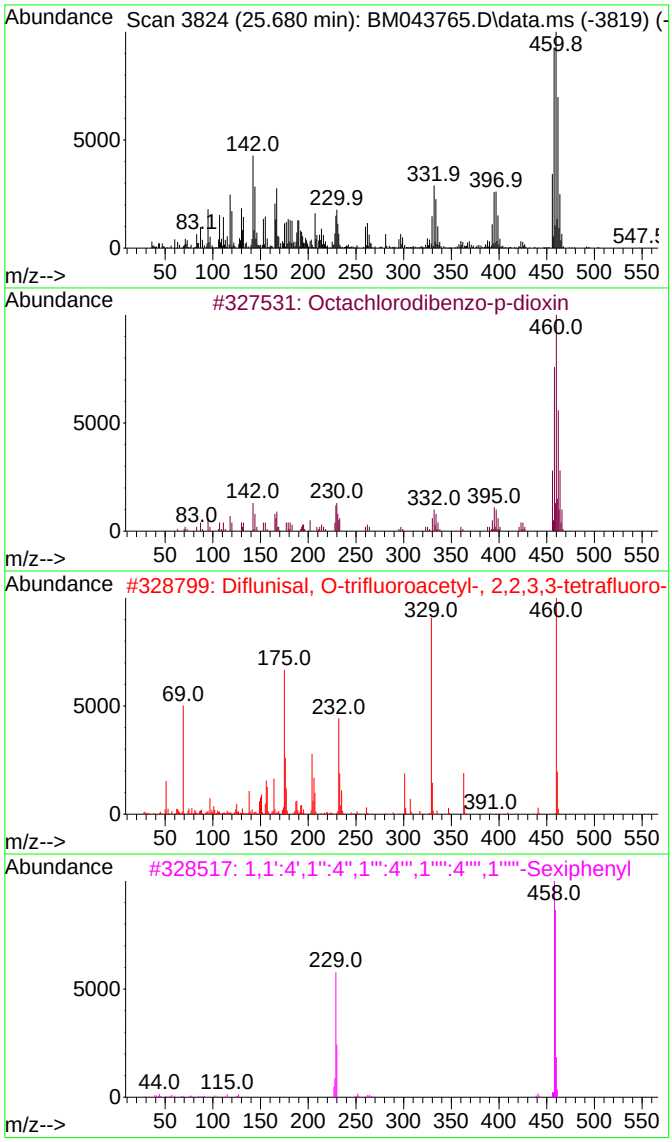
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

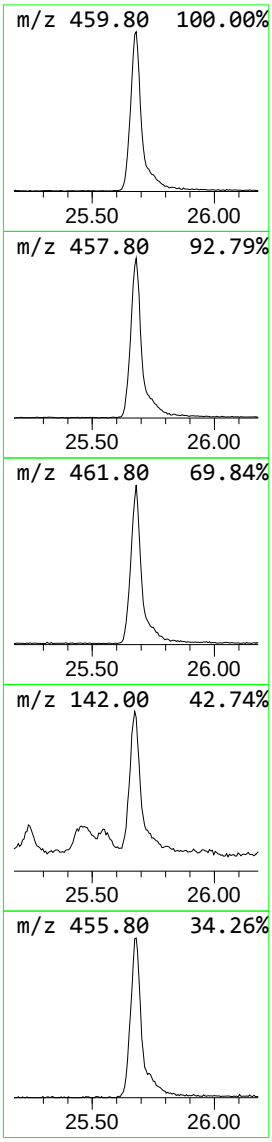
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 Octachlorodibenzo-p-dioxin Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.680	17.25 ng/ul	3339570	Perylene-d12	23.950

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octachlorodibenzo-p-dioxin	456	C12Cl8O2	003268-87-9	76
2	Diflunisal, O-trifluoroacetyl-, ...	460	C18H9F9O4	1000447-07-7	14
3	1,1':4',1'':4'',1''':4''',1'''':...	458	C36H26	004499-83-6	14
4	3-Chloro-.alpha.-[2-pyridyl]-2,4...	458	C29H31ClN2O	035158-92-0	14
5	1,1':4',1'':4'',1''':4''',1'''':...	458	C36H26	004499-83-6	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043765.D
Acq On : 05 Jan 2024 18:02
Operator : MA/JU
Sample : 05952-14ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.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
(DEL) Alkane: S...	13.121	4.0	ng/ul	841319	3	14.598	4168780	20.0
(DEL) Alkane: S...	13.386	2.1	ng/ul	444415	3	14.598	4168780	20.0
(DEL) Alkane: S...	14.069	14.4	ng/ul	2996910	3	14.598	4168780	20.0
(DEL) Alkane: S...	14.421	4.8	ng/ul	1005730	3	14.598	4168780	20.0
Naphthalene, 1,...	14.992	8.1	ng/ul	1689300	3	14.598	4168780	20.0
(DEL) Alkane: S...	15.104	8.3	ng/ul	1731520	3	14.598	4168780	20.0
Naphthalene, 1,...	15.416	7.5	ng/ul	1555600	3	14.598	4168780	20.0
(DEL) Alkane: S...	15.845	78.8	ng/ul	16421100	3	14.598	4168780	20.0
(DEL) Alkane: S...	16.327	71.1	ng/ul	23263300	4	17.362	6539840	20.0
(DEL) Alkane: S...	16.709	9.8	ng/ul	3194580	4	17.362	6539840	20.0
(DEL) Alkane: S...	17.157	69.3	ng/ul	22642800	4	17.362	6539840	20.0
Bacchotricuneat...	17.762	21.7	ng/ul	7107200	4	17.362	6539840	20.0
unknown-01	18.551	11.8	ng/ul	3845050	4	17.362	6539840	20.0
2,6-Dimethyldib...	18.627	20.7	ng/ul	6760330	4	17.362	6539840	20.0
unknown-02	18.733	15.9	ng/ul	5213630	4	17.362	6539840	20.0
2-(4-Methylphen...	18.945	8.7	ng/ul	2828220	4	17.362	6539840	20.0
Phenanthrene, 4...	18.974	6.7	ng/ul	2201340	4	17.362	6539840	20.0
Phenanthrene, 1...	19.027	8.4	ng/ul	2746290	4	17.362	6539840	20.0
Phenanthrene, 3...	19.068	38.0	ng/ul	12433700	4	17.362	6539840	20.0
Phenanthrene, 2...	19.145	24.3	ng/ul	7944430	4	17.362	6539840	20.0
Phenanthrene, 2...	19.198	15.2	ng/ul	4965580	4	17.362	6539840	20.0
di-p-Tolylacety...	19.239	10.8	ng/ul	3513750	4	17.362	6539840	20.0
1-Propene-2-thi...	19.339	16.7	ng/ul	5450790	4	17.362	6539840	20.0
Benzenamine, 4,...	19.468	15.1	ng/ul	4510020	5	21.533	5971360	20.0
9-Cedranone	19.651	5.2	ng/ul	1553070	5	21.533	5971360	20.0
Phenanthrene, 2...	19.686	10.9	ng/ul	3256380	5	21.533	5971360	20.0
butanal, 2-[2-(...	19.851	24.5	ng/ul	7324860	5	21.533	5971360	20.0
[4,4'-Bipyrimid...	19.927	9.3	ng/ul	2785190	5	21.533	5971360	20.0
Pyrrolo[1,2-a]t...	19.968	5.4	ng/ul	1610520	5	21.533	5971360	20.0
Pyrene, 1-methyl-	20.233	10.7	ng/ul	3180620	5	21.533	5971360	20.0
unknown-03	20.339	5.1	ng/ul	1516280	5	21.533	5971360	20.0
Fluoranthene, 2...	20.427	20.4	ng/ul	6098880	5	21.533	5971360	20.0
Pyrene, 4-methyl-	20.562	6.5	ng/ul	1927320	5	21.533	5971360	20.0
unknown-04	20.733	6.2	ng/ul	1840370	5	21.533	5971360	20.0
unknown-05	20.927	4.4	ng/ul	1316200	5	21.533	5971360	20.0
11H-Benzo[a]flu...	21.015	5.5	ng/ul	1643370	5	21.533	5971360	20.0
Benzo[b]naphtho...	21.174	8.0	ng/ul	2382730	5	21.533	5971360	20.0
2-Quinolinemeth...	24.480	7.7	ng/ul	1482500	6	23.950	3871770	20.0
Octachlorodiben...	25.680	17.3	ng/ul	3339570	6	23.950	3871770	20.0