LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043740.D
Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

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: BM043740.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.963	805	812	823	rBV	867626	1440746	1.21%	0.286%
2	10.410	1222	1228	1235	rBV2	52569	124590	0.10%	0.025%
3	10.769	1282	1289	1298	rBV	1133149	1958261	1.65%	0.389%
4	11.581	1417	1427	1430	rBV8	52569	157632	0.13%	0.031%
5	11.863	1470	1475	1481	rVB4	128159	284388	0.24%	0.056%
6	11.963	1488	1492	1497	rVV2	88877	131539	0.11%	0.026%
7	12.275	1542	1545	1549	rBV3	96976	143792	0.12%	0.029%
8	12.545	1587	1591	1593	rBV3	122482	181543	0.15%	0.036%
9	12.792	1630	1633	1638	rVB5	160457	256681	0.22%	0.051%
10	12.945	1656	1659	1663	rBV4	123687	174242	0.15%	0.035%
11	13.122	1685	1689	1695	rVB	977148	1336878	1.13%	0.266%
12	13.392	1731	1735	1739	rBV3	386874	702474	0.59%	0.140%
13	13.651	1771	1779	1783	rBV7	558644	1514093	1.28%	0.301%
14	13.980	1832	1835	1837	rBV4	298930	392370	0.33%	0.078%
15	14.069	1845	1850	1855	rVB	3830359	5061850	4.26%	1.005%
16	14.239	1875	1879	1882	rBV3	661583	1067401	0.90%	0.212%
17	14.280	1883	1886	1891	rVB3	634831	983905	0.83%	0.195%
18	14.427	1906	1911	1916	rVB4	1013734	1784339	1.50%	0.354%
19	14.551	1930	1932	1935	rBV2	645247	822276	0.69%	0.163%
20	14.598	1936	1940	1947	rVB	2587972	4532026	3.82%	0.900%
21	14.722	1958	1961	1964	rBV3	738834	1121243	0.94%	0.223%
22	14.822	1975	1978	1983	rVB3	1242700	1901153	1.60%	0.378%
23	14.992	2003	2007	2011	rBV2	2316812	3215706	2.71%	0.639%
24	15.074	2019	2021	2023	rBV	725282	781658	0.66%	0.155%
25	15.110	2023	2027	2031	rVB2	2088235	2797183	2.36%	0.556%
26	15.233	2040	2048	2053	rBV3	6998167	15276884	12.87%	3.035%
27	15.422	2077	2080	2084	rVB2	2098437	2618158	2.21%	0.520%
28	15.486	2088	2091	2097	rBV4	1297731	2592454	2.18%	0.515%
29	15.551	2098	2102	2110	rVB5	1863131	3244205	2.73%	0.644%
30	15.616	2111	2113	2115	rBV	1168489	1247811	1.05%	0.248%
31	15.851	2145	2153	2162	rVB2	13770484	26563143	22.37%	5.277%
32	16.098	2192	2195	2200	rBV2	2113800	3715773	3.13%	0.738%
33	16.333	2230	2235	2240	rVB2	21775292	35080884	29.55%	6.969%
34	16.463	2254	2257	2261	rBV2	2252063	3553412	2.99%	0.706%
35	16.721	2298	2301	2305	rVB2	4443950	5698389	4.80%	1.132%
36	17.033	2346	2354	2359	rBV	36207152	118724983	100.00%	23.584%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043740.D
Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

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	17.163	2370	2376	2380	rBV	19350887	31576627	26.60%	6.272%
38	17.368	2405	2411	2418	rBV3	3797786	10344605	8.71%	2.055%
39	17.768	2474	2479	2485	rBV2	7130033	14706173	12.39%	2.921%
40	18.639	2623	2627	2634	rVB2	6936678	11972633	10.08%	2.378%
41	18.739	2640	2644	2647	rBV4	4142430	8248286	6.95%	1.638%
42	18.957	2678	2681	2683	rBV2	3523244	4206964	3.54%	0.836%
43	19.033	2692	2694	2697	rBV	2887640	3146974	2.65%	0.625%
44	19.080	2697	2702	2710	rVB2	11985257	22036457	18.56%	4.377%
45	19.157	2711	2715	2719	rBV	9224803	13735852	11.57%	2.729%
46	19.209	2720	2724	2727	rVV2	5160548	8046941	6.78%	1.598%
47	19.245	2727	2730	2734	rVB2	5016060	6552328	5.52%	1.302%
48	19.345	2743	2747	2756	rVB2	5399629	10016821	8.44%	1.990%
49	19.415	2756	2759	2762	rBV	2880792	4015526	3.38%	0.798%
50	19.480	2766	2770	2773	rBV2	5449247	7884339	6.64%	1.566%
51	19.657	2798	2800	2803	rVV2	2317964	2512171	2.12%	0.499%
52	19.698	2803	2807	2813	rVB3	4511579	6590560	5.55%	1.309%
53	19.786	2817	2822	2829	rVV2	14344984	24044299	20.25%	4.776%
54	19.857	2830	2834	2839	rVB2	8473801	13205263	11.12%	2.623%
55	19.974	2851	2854	2858	rVB3	2955040	3232660	2.72%	0.642%
56	20.351	2914	2918	2919	rBV4	1770635	2481946	2.09%	0.493%
57	20.433	2928	2932	2936	rVB	7954670	10432839	8.79%	2.072%
58	20.574	2952	2956	2960	rBV	2575766	3608105	3.04%	0.717%
59	20.704	2975	2978	2981	rBV2	1616659	2018245	1.70%	0.401%
60	20.745	2982	2985	2989	rVB3	2172934	2574003	2.17%	0.511%
61	21.021	3029	3032	3039	rVB2	1563196	2698278	2.27%	0.536%
62	21.180	3057	3059	3068	rVB2	2268203	4292519	3.62%	0.853%
63	21.539	3115	3120	3124	rBV	3353153	6240177	5.26%	1.240%
64	21.580	3124	3127	3134	rVB	2702083	3547106	2.99%	0.705%
65	25.703	3821	3828	3844	rVB	3243576	8264072	6.96%	1.642%

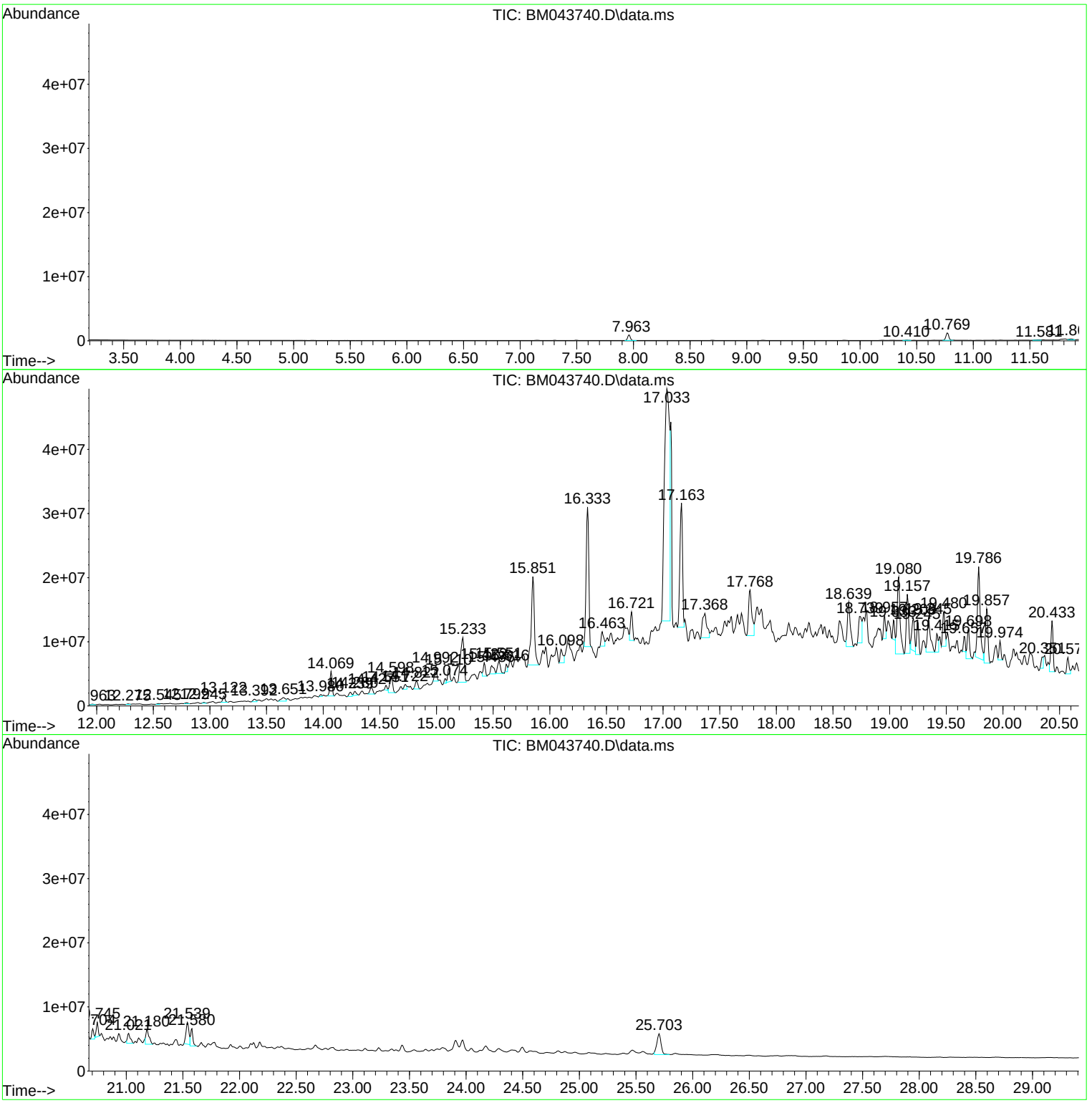
Sum of corrected areas: 503416834

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043740.D
Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

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\BM010224\
Data File : BM043740.D
Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

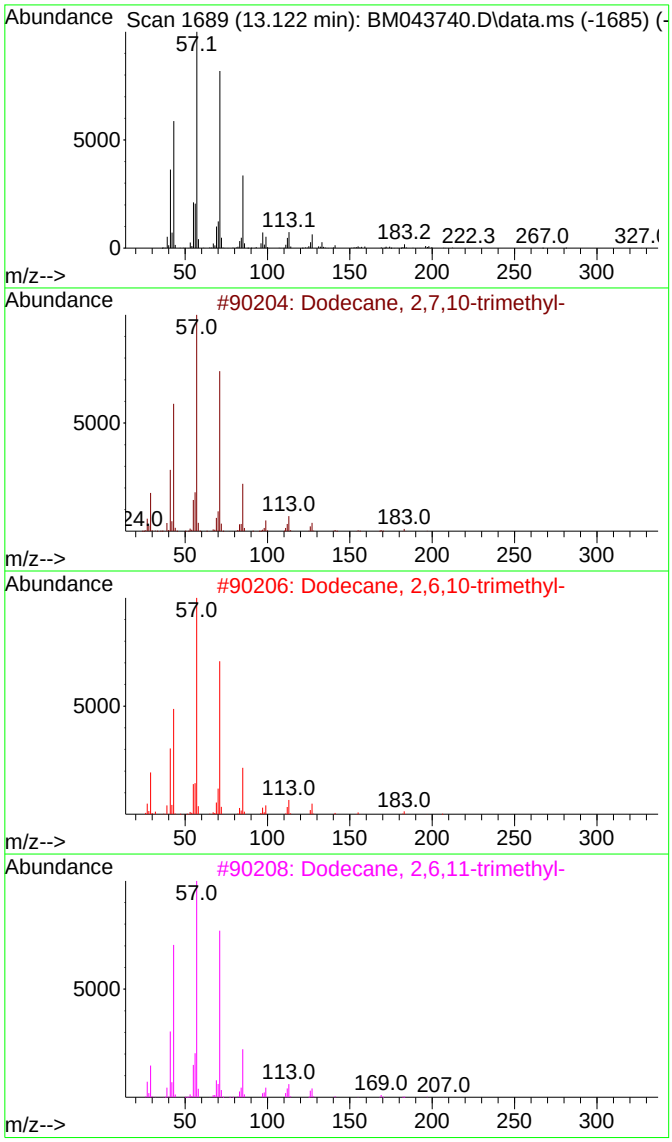
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

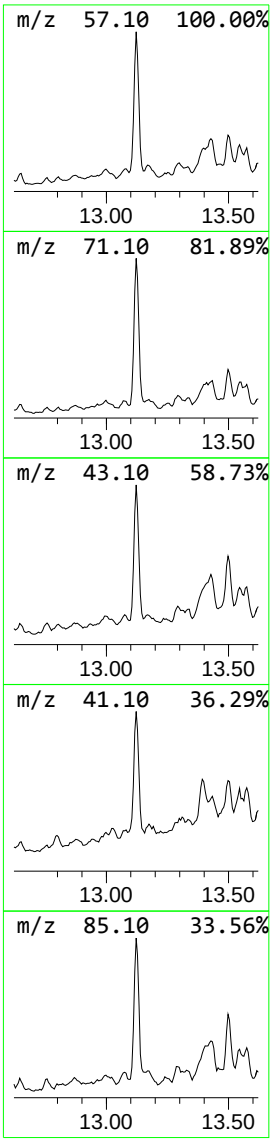
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.122	5.90 ng/ul	1336880	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	86
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	74
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043740.D
Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

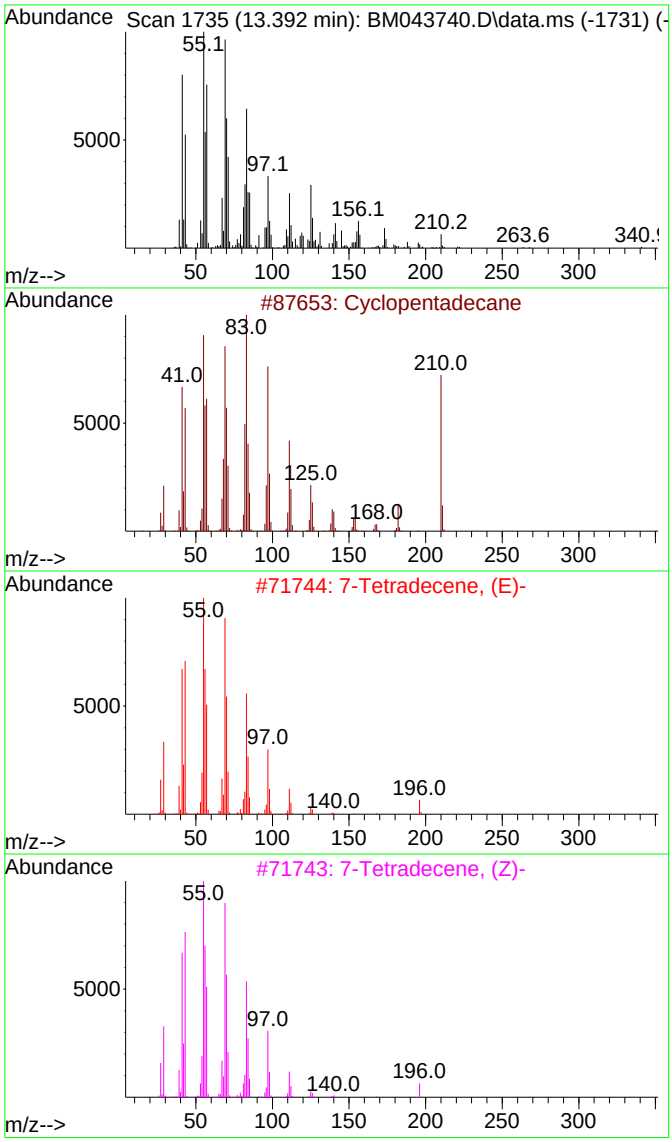
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

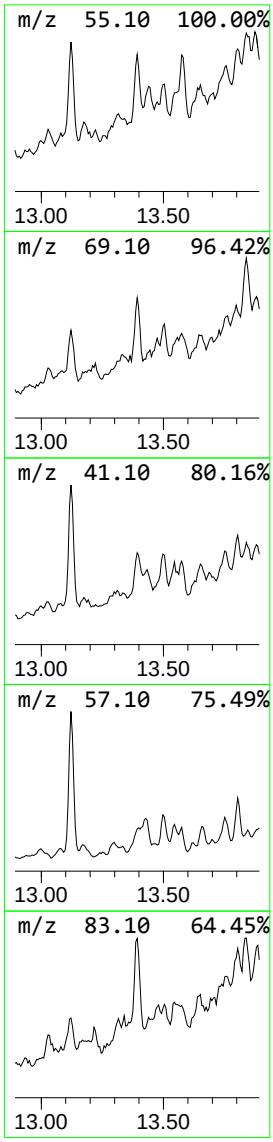
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic13.392 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.392	3.10 ng/ul	702474	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	86
2	7-Tetradecene, (E)-	196	C14H28	041446-63-3	86
3	7-Tetradecene, (Z)-	196	C14H28	041446-60-0	86
4	7-Tetradecene, (E)-	196	C14H28	041446-63-3	86
5	6-Tetradecene, (E)-	196	C14H28	041446-64-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043740.D
Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

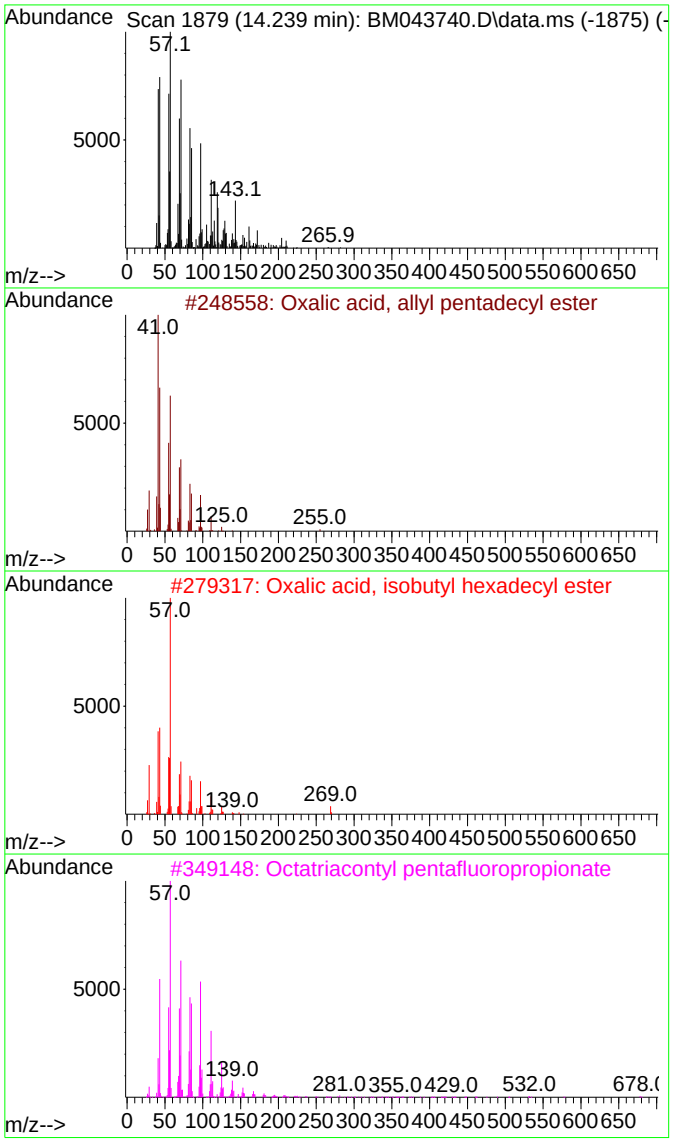
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

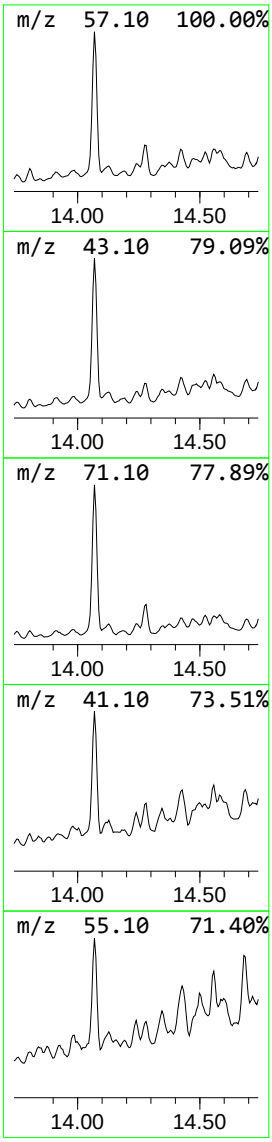
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Oxalic acid, allyl pentadec... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.239	4.71 ng/ul	1067400	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	68
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	64
3	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	64
4	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	64
5	Oxalic acid, allyl tetradecyl ester	326	C19H34O4	1000309-24-2	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043740.D
Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

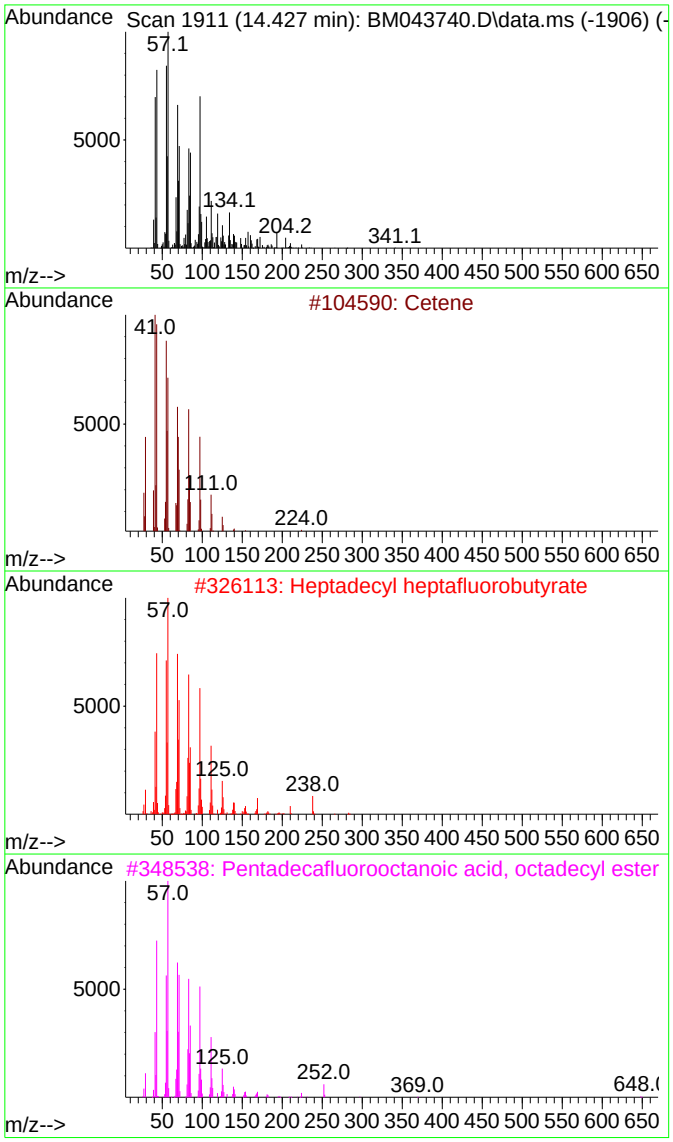
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

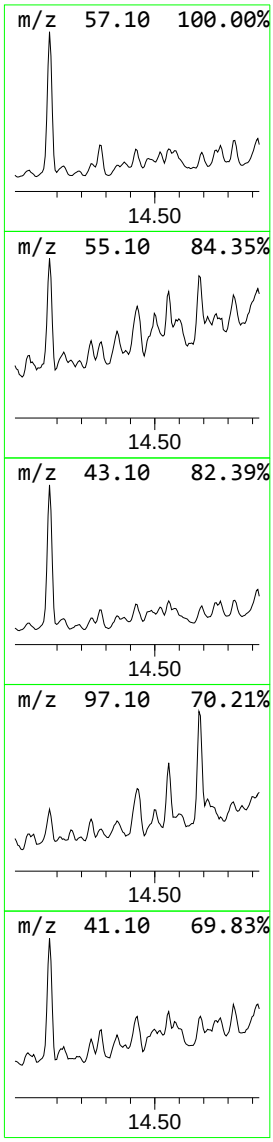
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.428	7.87 ng/ul	1784340	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	87
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	68
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	68
4	Pentadecafluorooctanoic acid, tr...	596	C21H27F15O2	1000406-04-3	64
5	Cyclotetracosane	336	C24H48	000297-03-0	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043740.D
Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

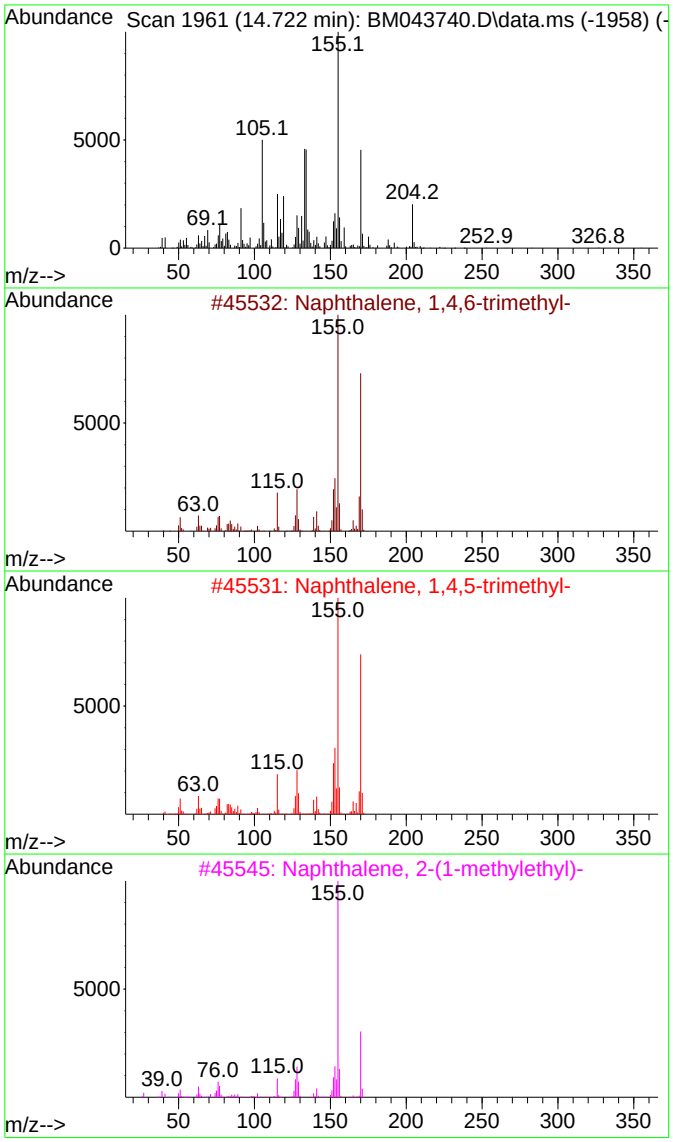
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

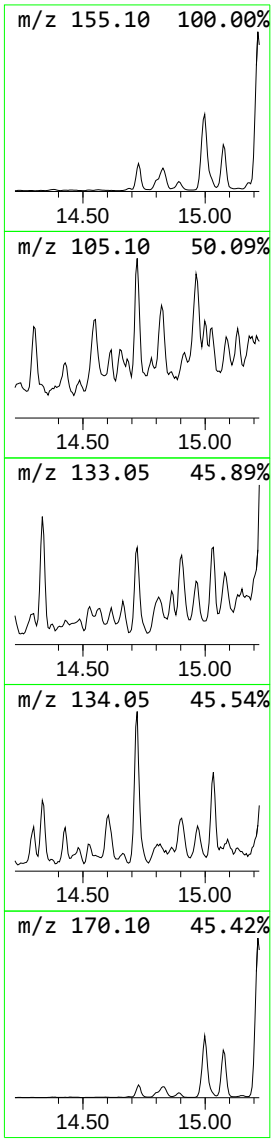
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,4,6-trimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.722	4.95 ng/ul	1121240	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	70
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	64
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	50
5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043740.D
Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

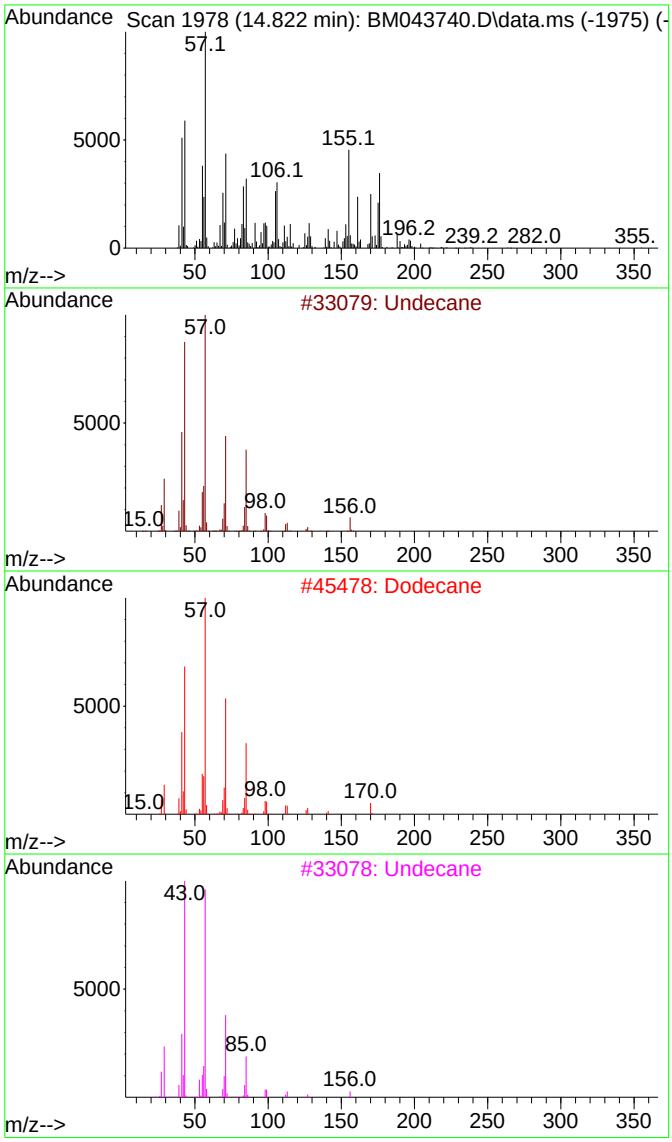
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

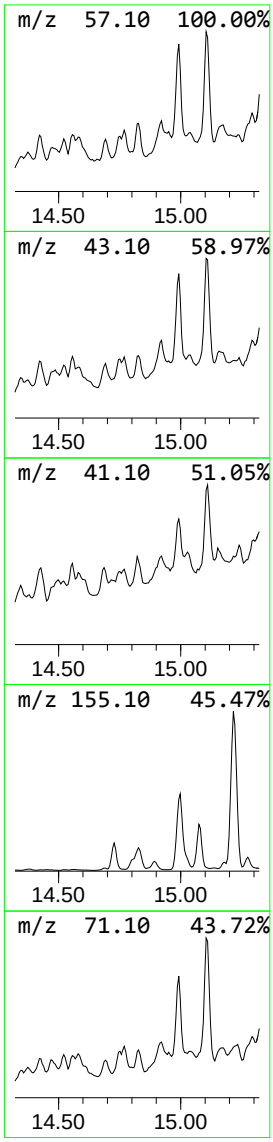
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.822	8.39 ng/ul	1901150	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	53
2	Dodecane	170	C12H26	000112-40-3	30
3	Undecane	156	C11H24	001120-21-4	25
4	Undecane	156	C11H24	001120-21-4	25
5	Dodecane	170	C12H26	000112-40-3	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043740.D
Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

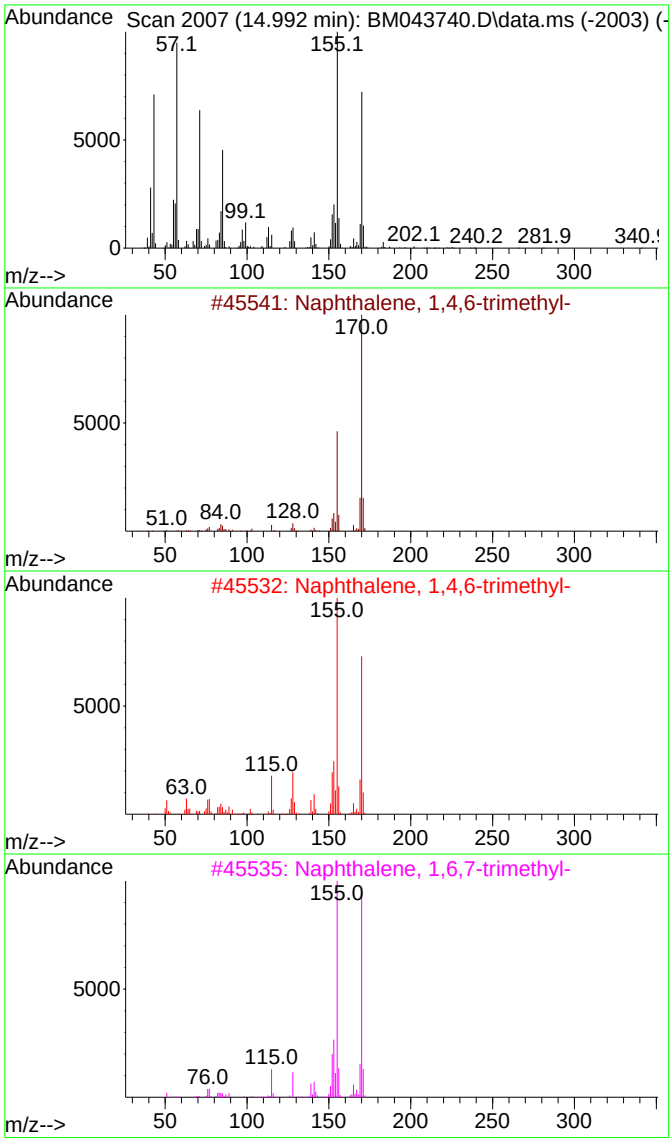
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

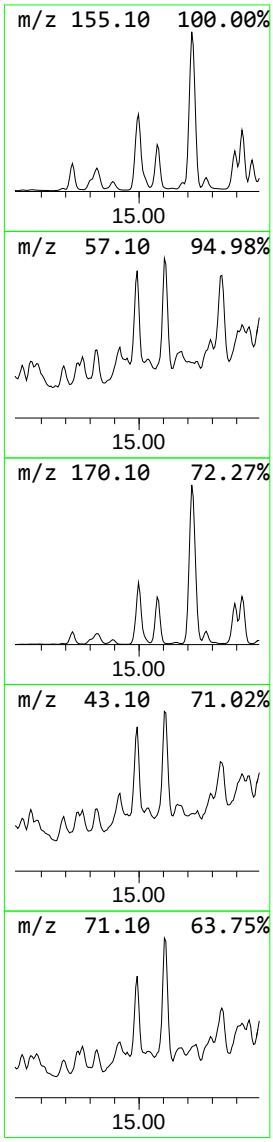
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.992	14.19 ng/ul	3215710	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83





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Data File : BM043740.D
Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

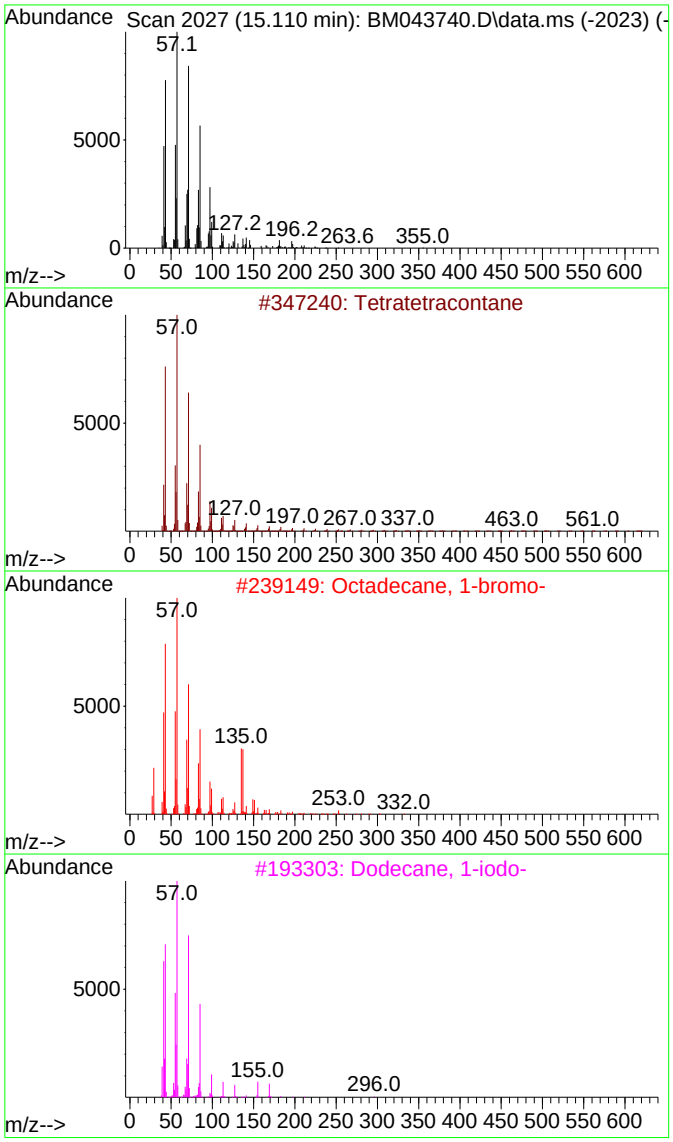
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

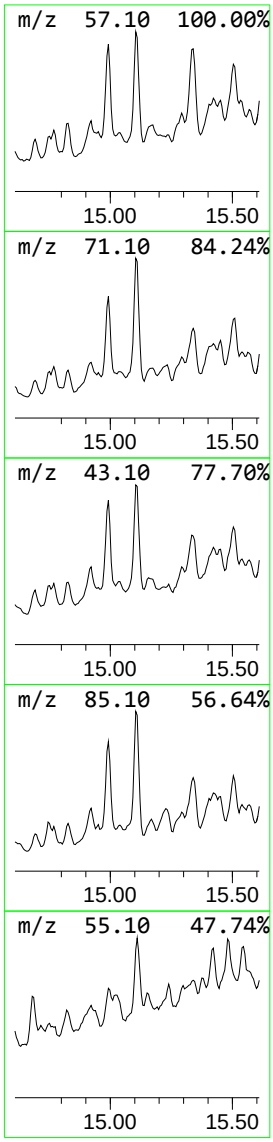
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.110	12.34 ng/ul	2797180	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	86
2	Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	86
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
5	Pentadecane	212	C15H32	000629-62-9	64





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Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

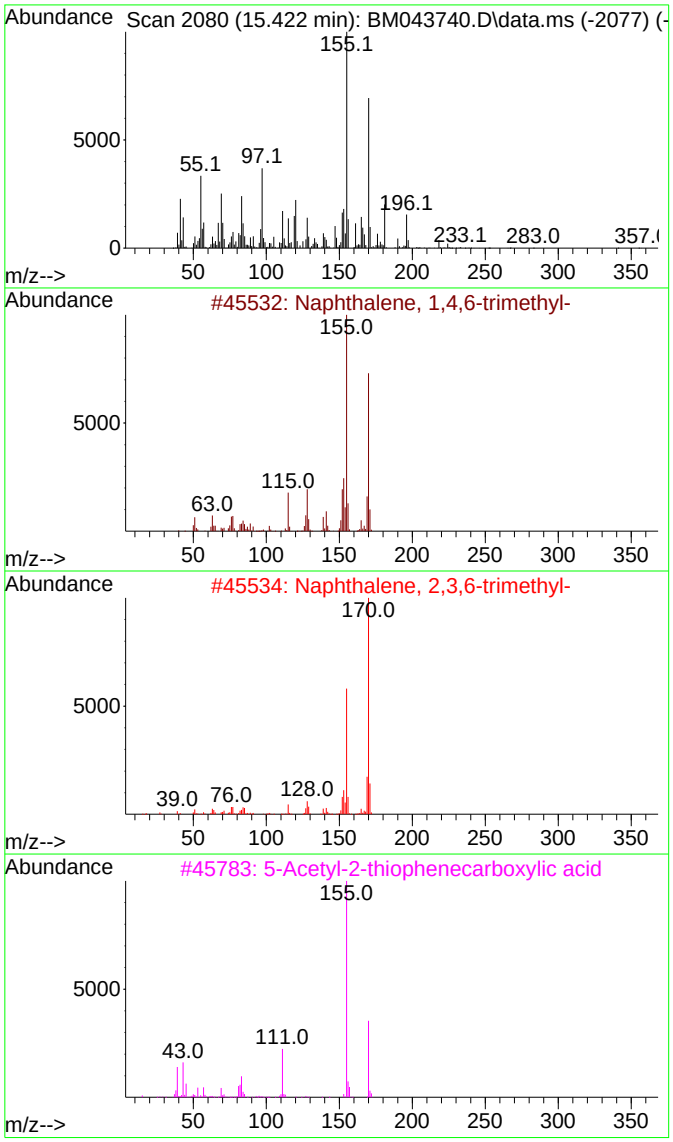
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

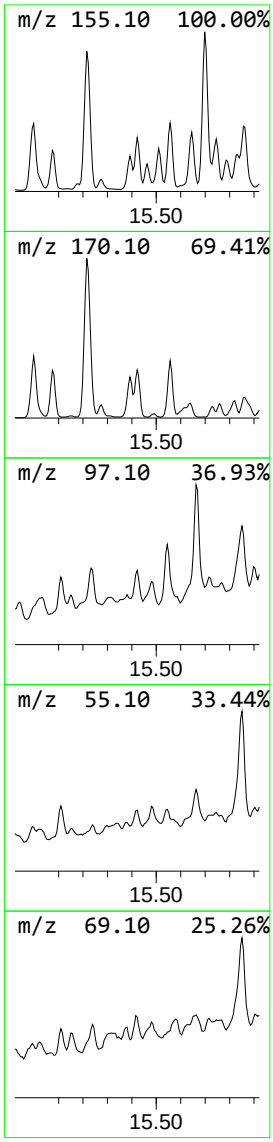
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.422	11.55 ng/ul	2618160	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	60
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	60
3	5-Acetyl-2-thiophenecarboxylic acid	170	C7H6O3S	004066-41-5	53
4	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	49
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	49





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Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

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

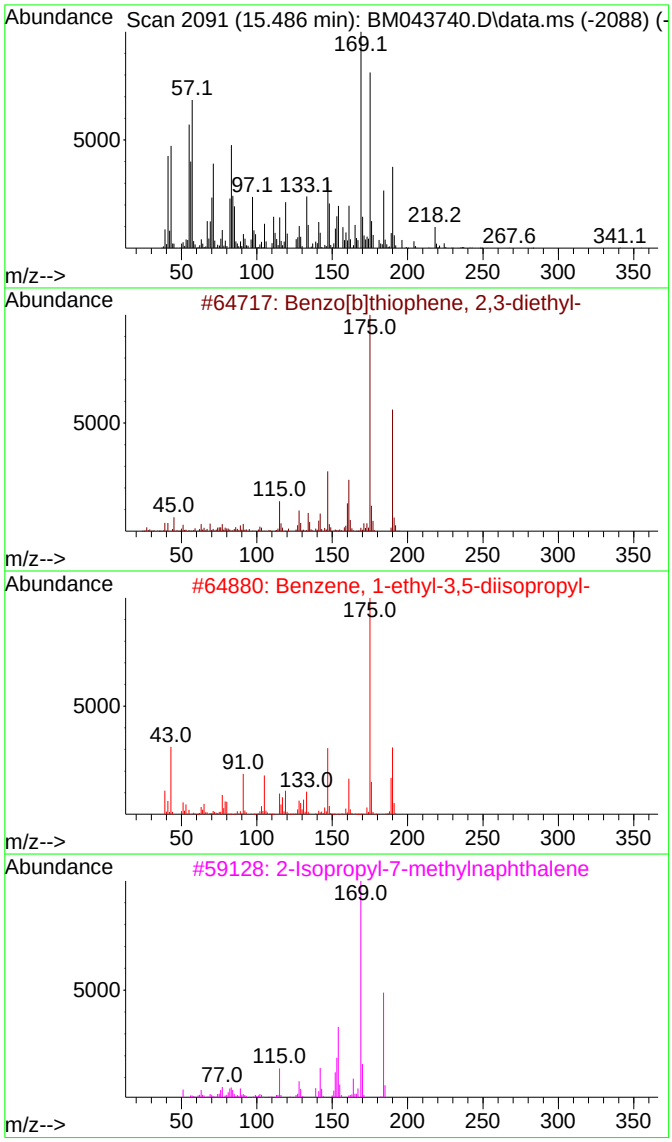
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

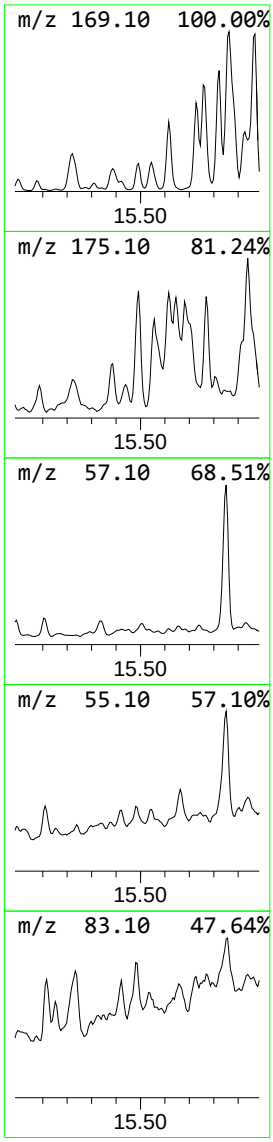
****

Peak Number 13 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.486	11.44 ng/ul	2592450	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-diethyl-	190	C12H14S	054789-20-7	46
2	Benzene, 1-ethyl-3,5-diisopropyl-	190	C14H22	015181-13-2	43
3	2-Isopropyl-7-methylnaphthalene	184	C14H16	1000383-71-3	42
4	Cycloocta-1,3,6-triene, 2,3,5,5,...	190	C14H22	1000161-97-9	41
5	1-tert-Butylpiperazine, N-acetyl	184	C10H20N2O	1341737-65-2	38





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Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

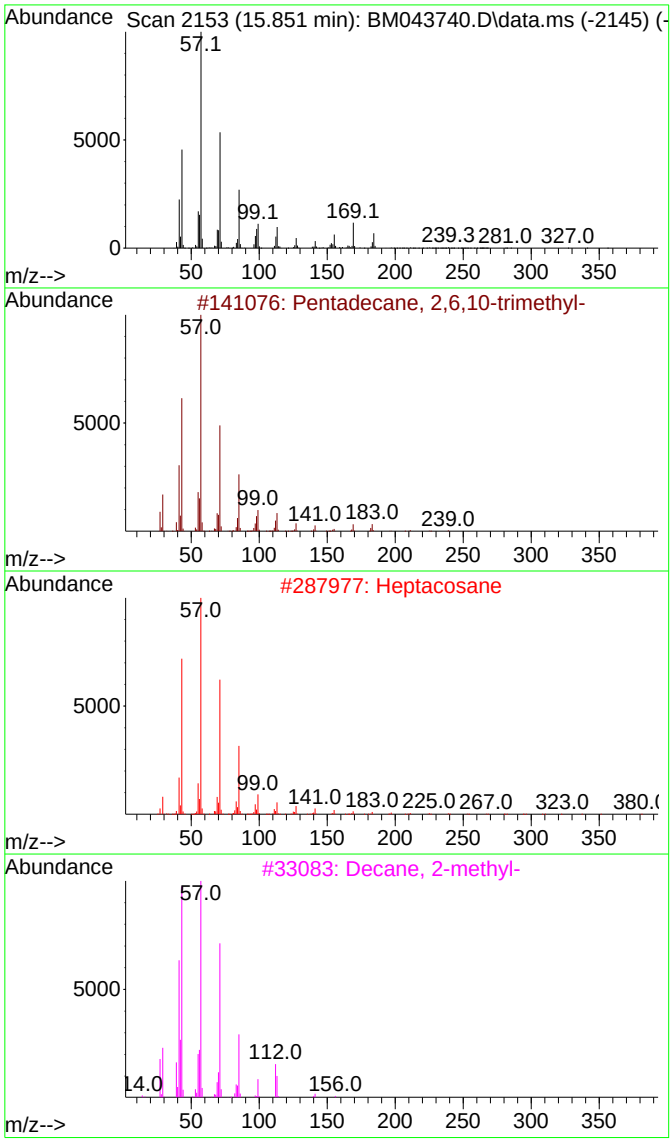
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

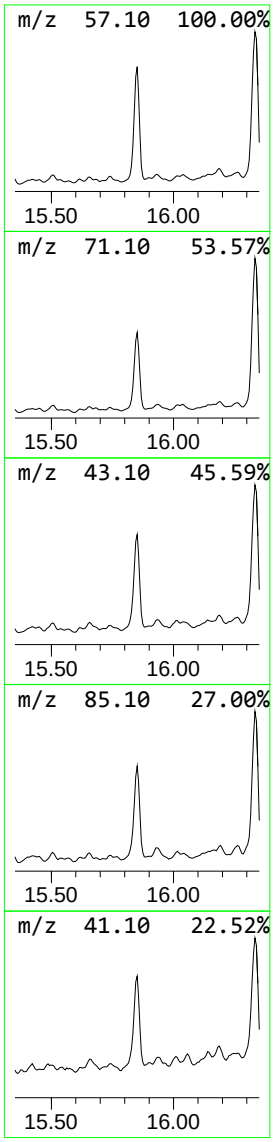
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.851	117.22 ng/ul	26563100	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2	Heptacosane	380	C27H56	000593-49-7	80
3	Decane, 2-methyl-	156	C11H24	006975-98-0	74
4	Tridecane	184	C13H28	000629-50-5	72
5	Heneicosane	296	C21H44	000629-94-7	64





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Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

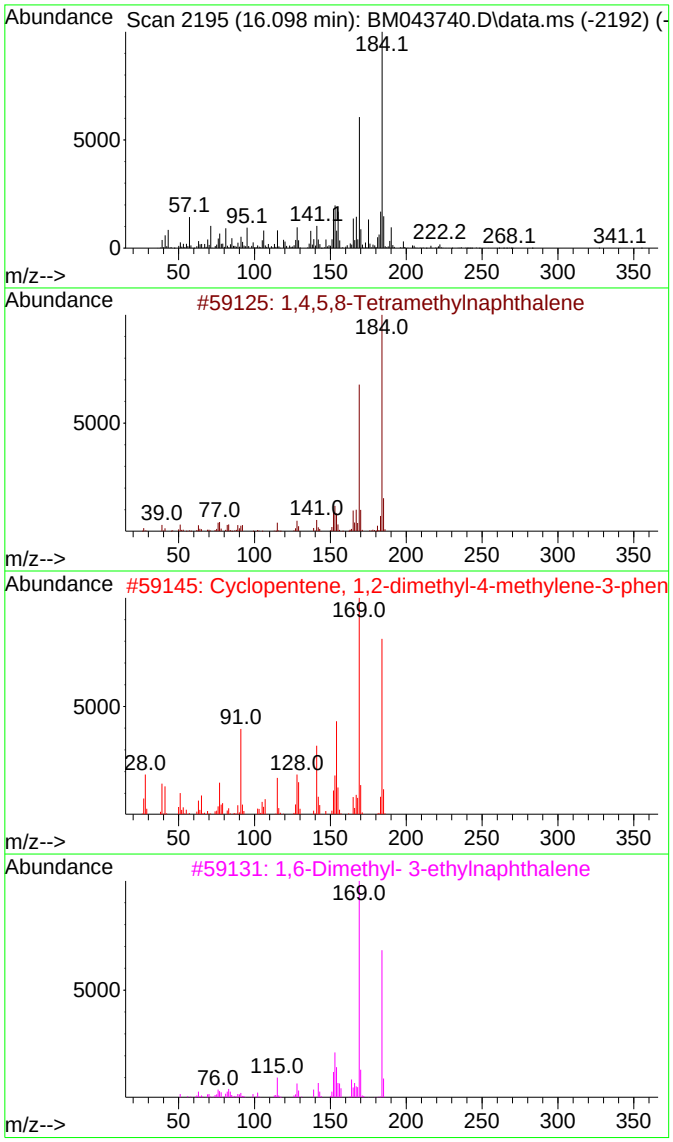
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

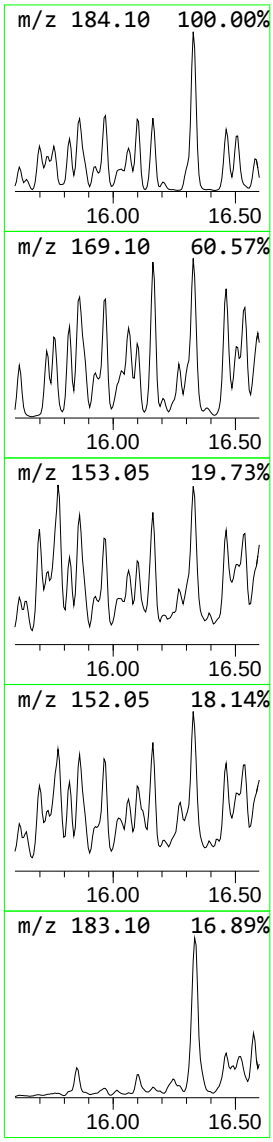
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,4,5,8-Tetramethylnaphthalene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.098	7.18 ng/ul	3715770	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	93
2	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	68
3	1,6-Dimethyl- 3-ethylnaphthalene	184	C14H16	1000383-71-8	64
4	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	64
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	64





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Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

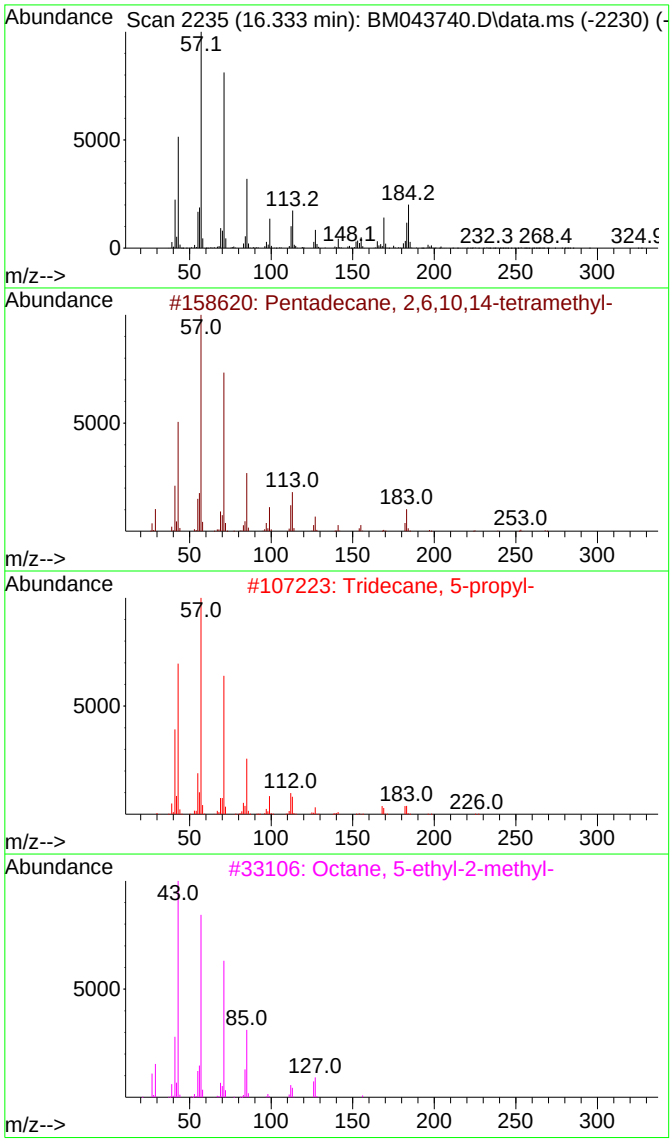
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

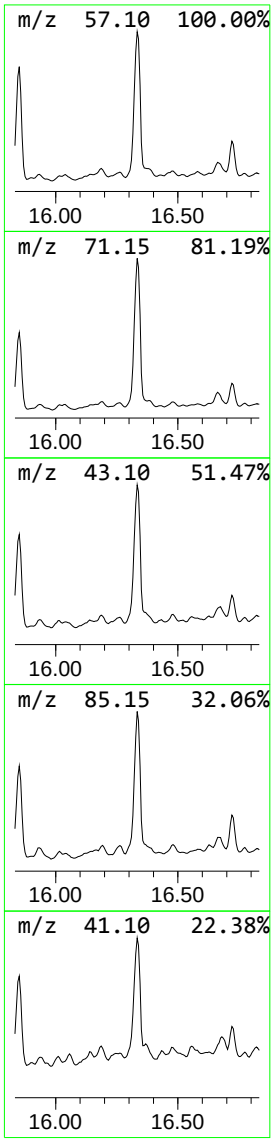
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.333	67.82 ng/ul	35080900	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
3	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	62
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	60
5	Decane, 2-methyl-	156	C11H24	006975-98-0	58





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Data File : BM043740.D
Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

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

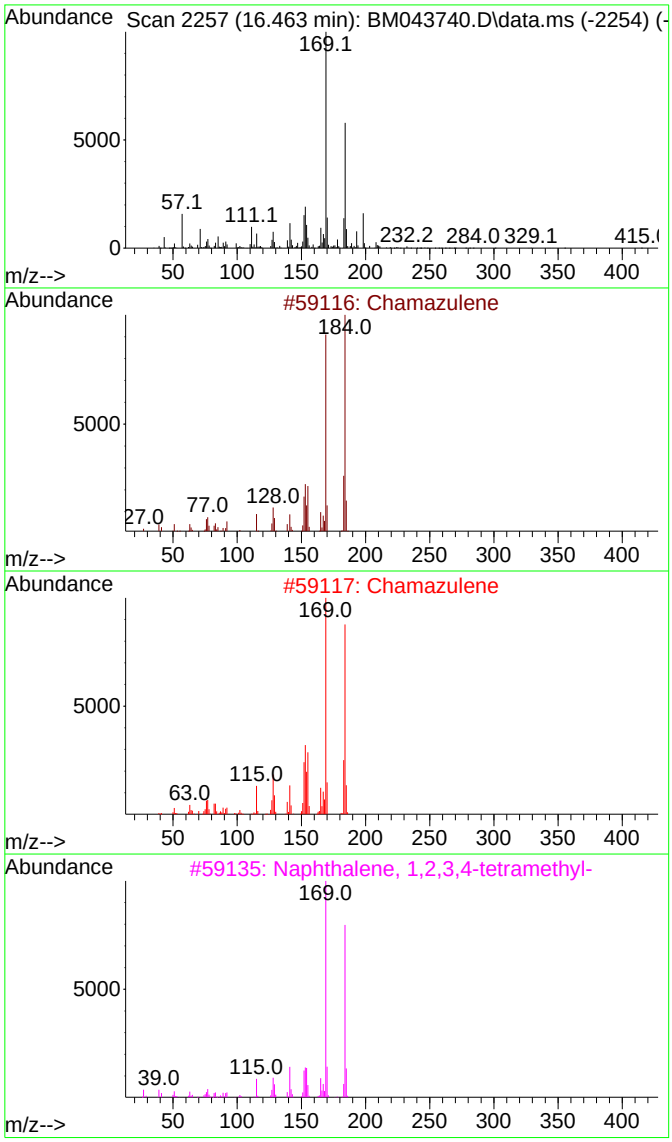
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

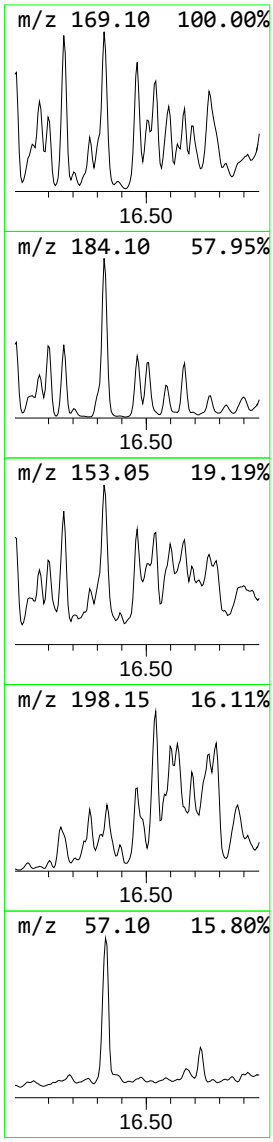
****

Peak Number 17 Chamazulene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.463	6.87 ng/ul	3553410	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	94
2	Chamazulene	184	C14H16	000529-05-5	93
3	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	91
4	1,6-Dimethyl- 3-ethylnaphthalene	184	C14H16	1000383-71-8	90
5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	89





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Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

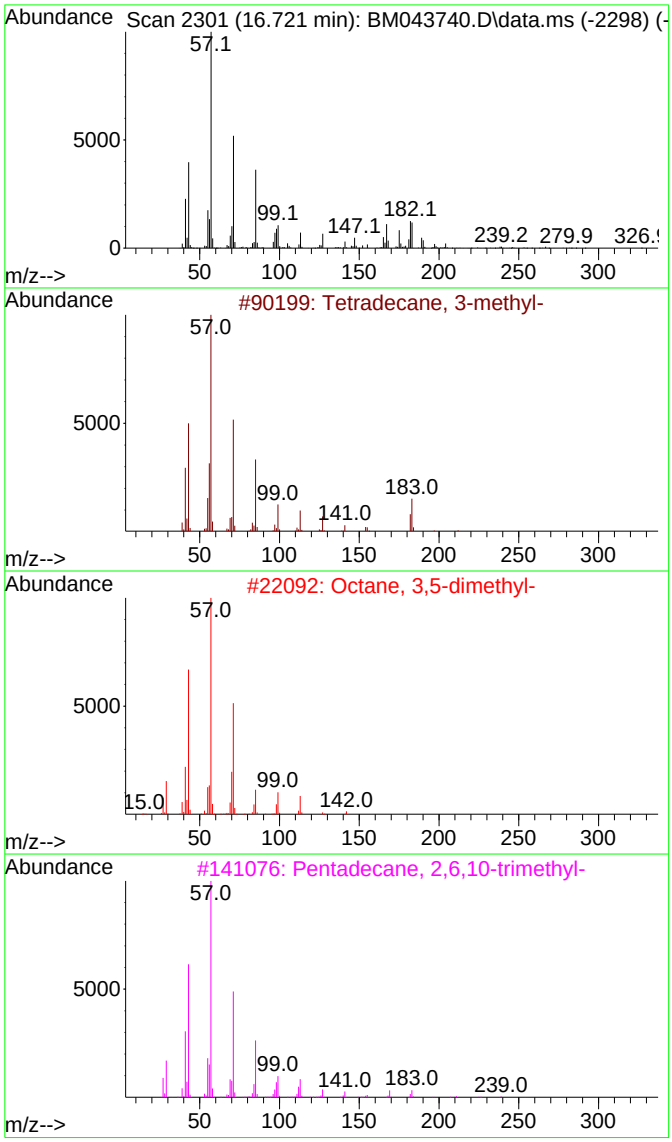
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

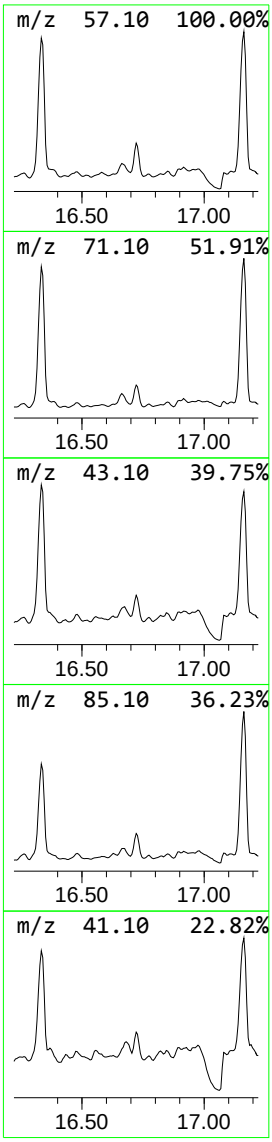
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.721	11.02 ng/ul	5698390	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	72
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	60
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	53
4	Heptacosane	380	C27H56	000593-49-7	52
5	Tridecane	184	C13H28	000629-50-5	52





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Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

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

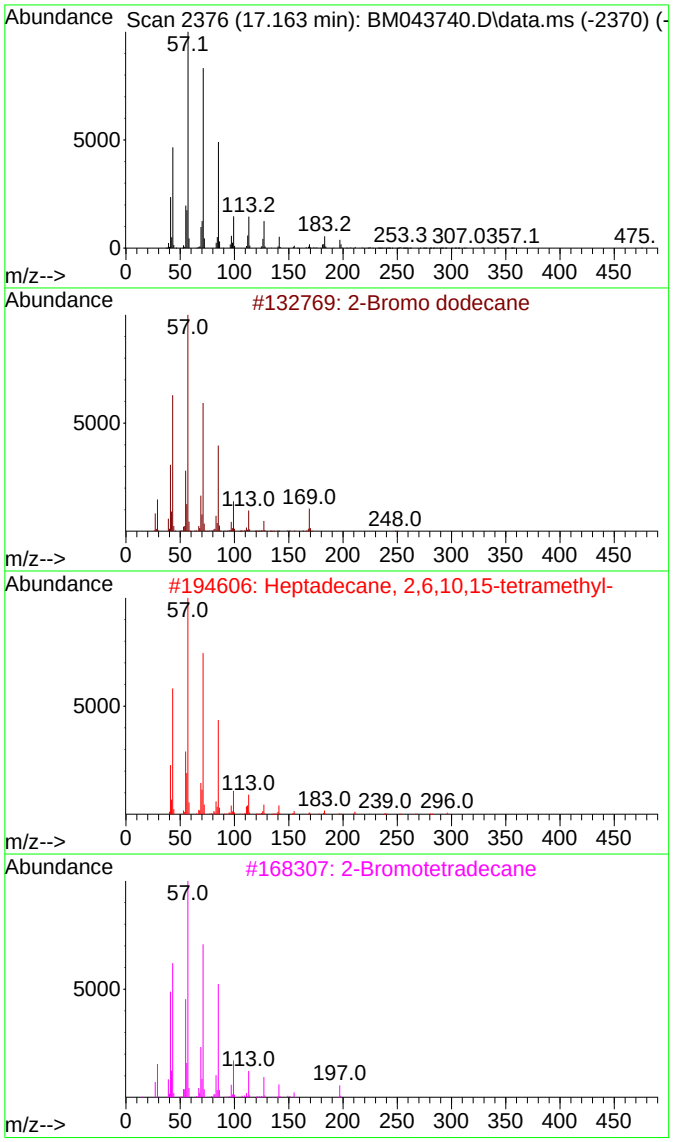
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

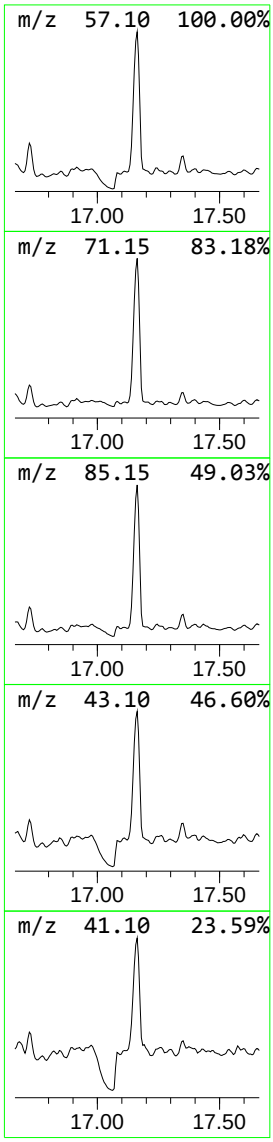
****

Peak Number 19 2-Bromo dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.163	61.05 ng/ul	31576600	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	87
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
4	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	86
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

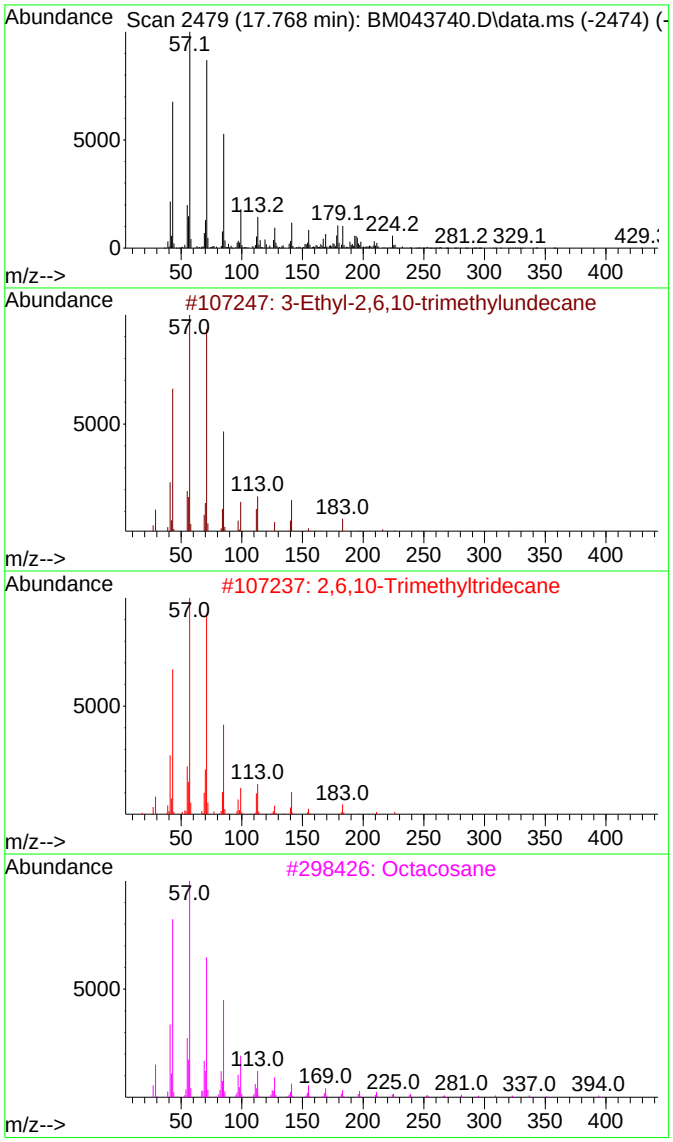
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

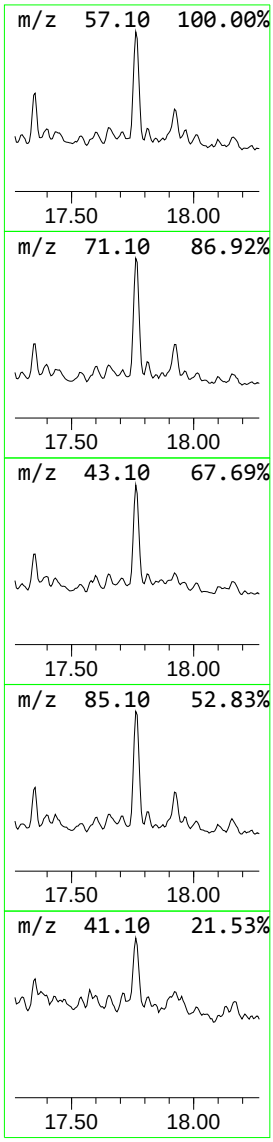
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.768	28.43 ng/ul	14706200	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	87
2	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	83
3	Octacosane	394	C28H58	000630-02-4	83
4	Hentriacontane	437	C31H64	000630-04-6	83
5	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	80





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

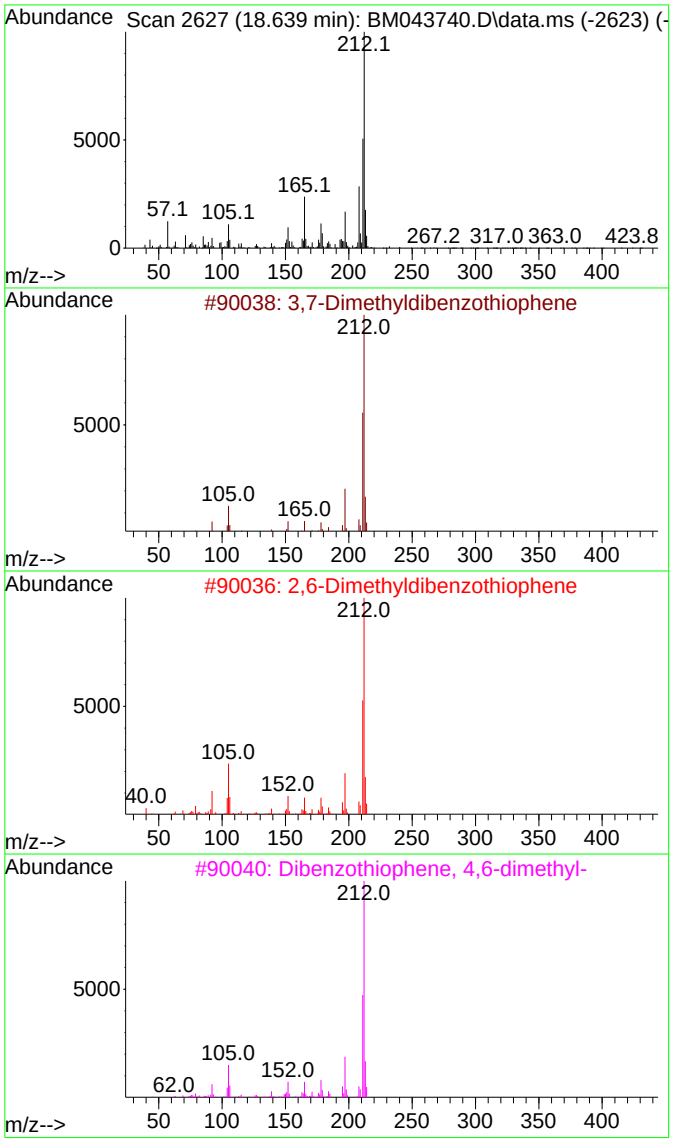
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

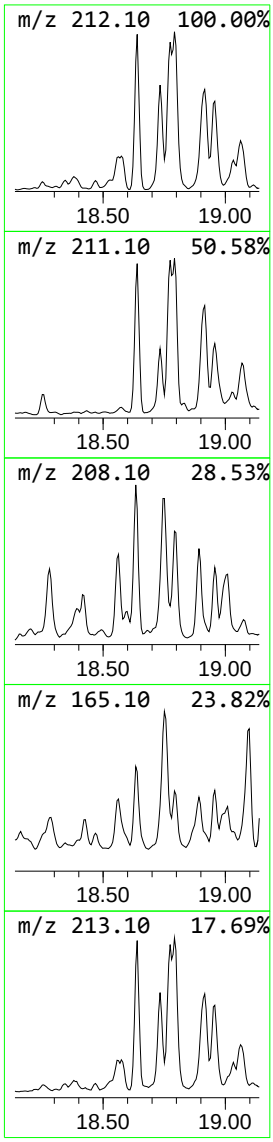
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 3,7-Dimethyldibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.639	23.15 ng/ul	11972600	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	96
2	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	81
3	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	81
4	Pinosylvin	212	C14H12O2	022139-77-1	72
5	1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	68





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Data File : BM043740.D
Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

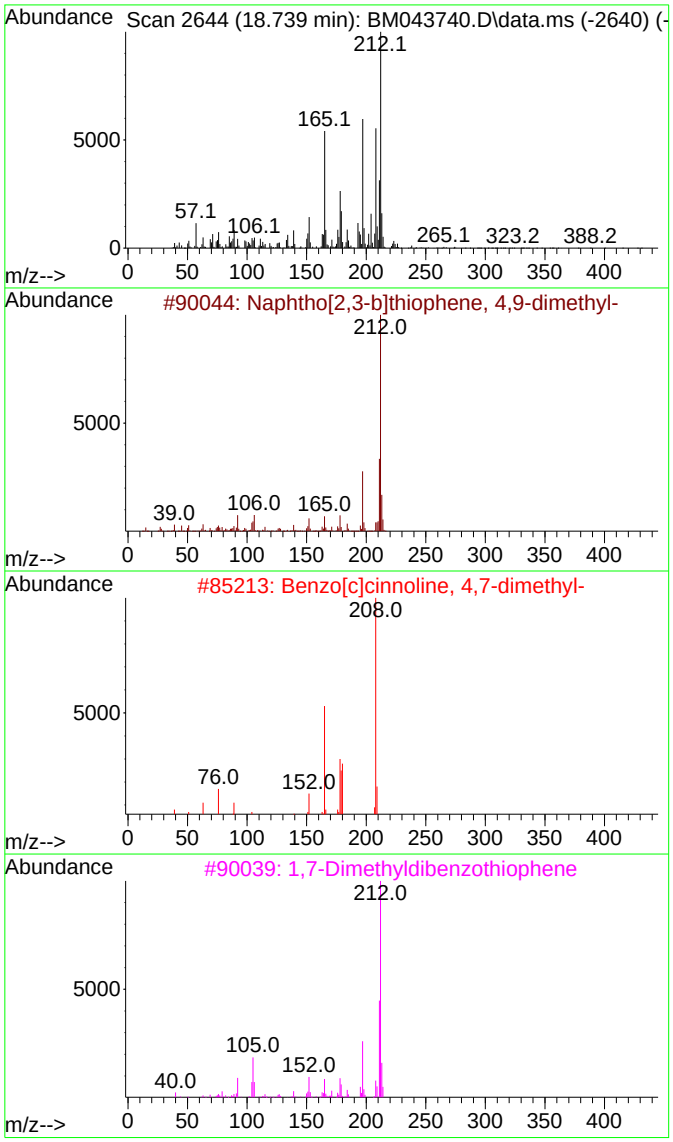
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

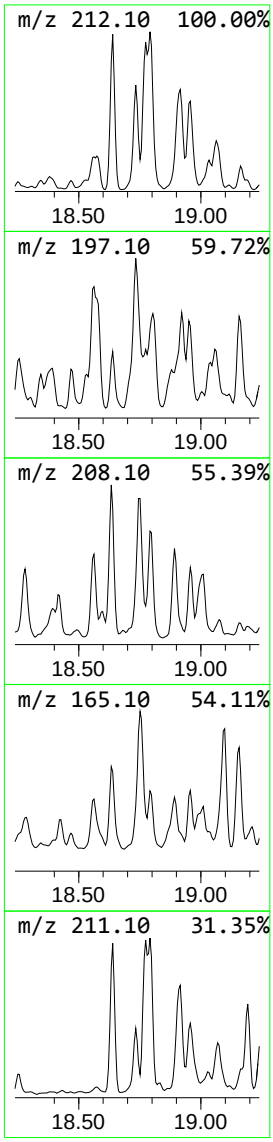
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Naphtho[2,3-b]thiophene, 4,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.739	15.95 ng/ul	8248290	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	93
2	Benzo[c]cinnoline, 4,7-dimethyl-	208	C14H12N2	020684-54-2	92
3	1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	83
4	1,3-Dimethyldibenzothiophene	212	C14H12S	1010383-55-0	62
5	Naphthalene, 6-methoxy-2-(1-bute...	212	C15H16O	101327-54-2	53





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Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

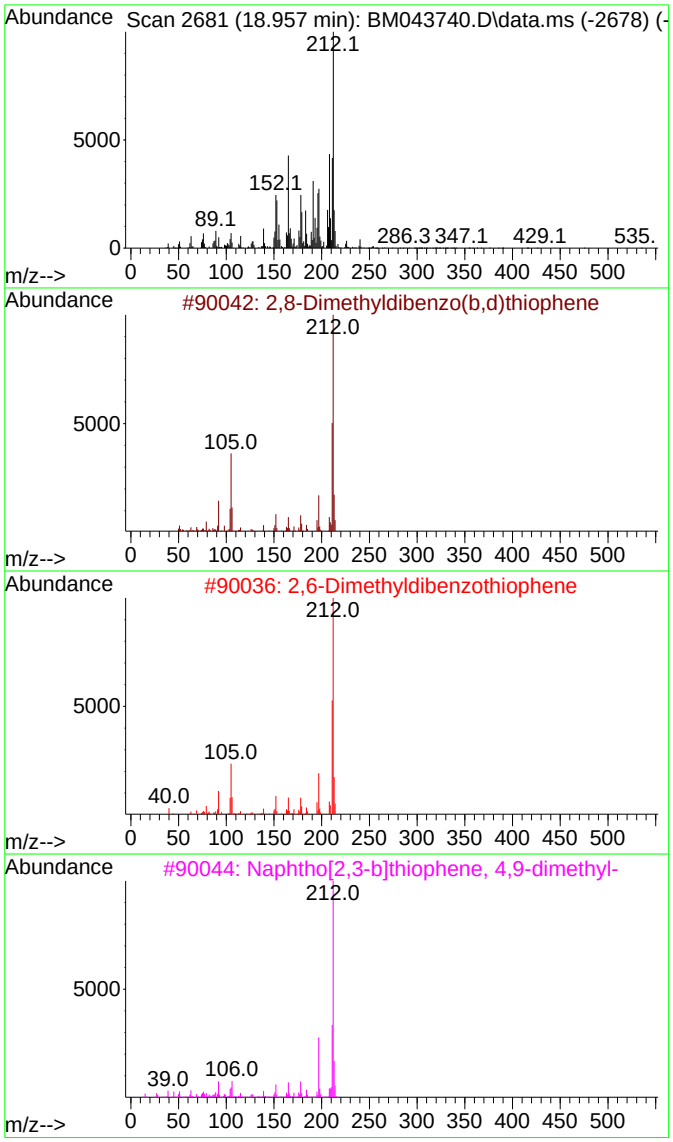
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

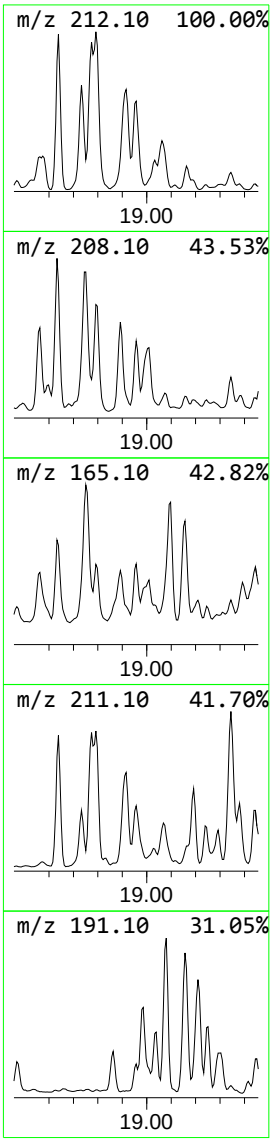
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 2,8-Dimethyldibenzo(b,d)thi... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.957	8.13 ng/ul	4206960	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	50
2	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	46
3	Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	45
4	1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	45
5	2-(4-Methylphenyl)benzoic acid	212	C14H12O2	1000305-27-8	45





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Data File : BM043740.D
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Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

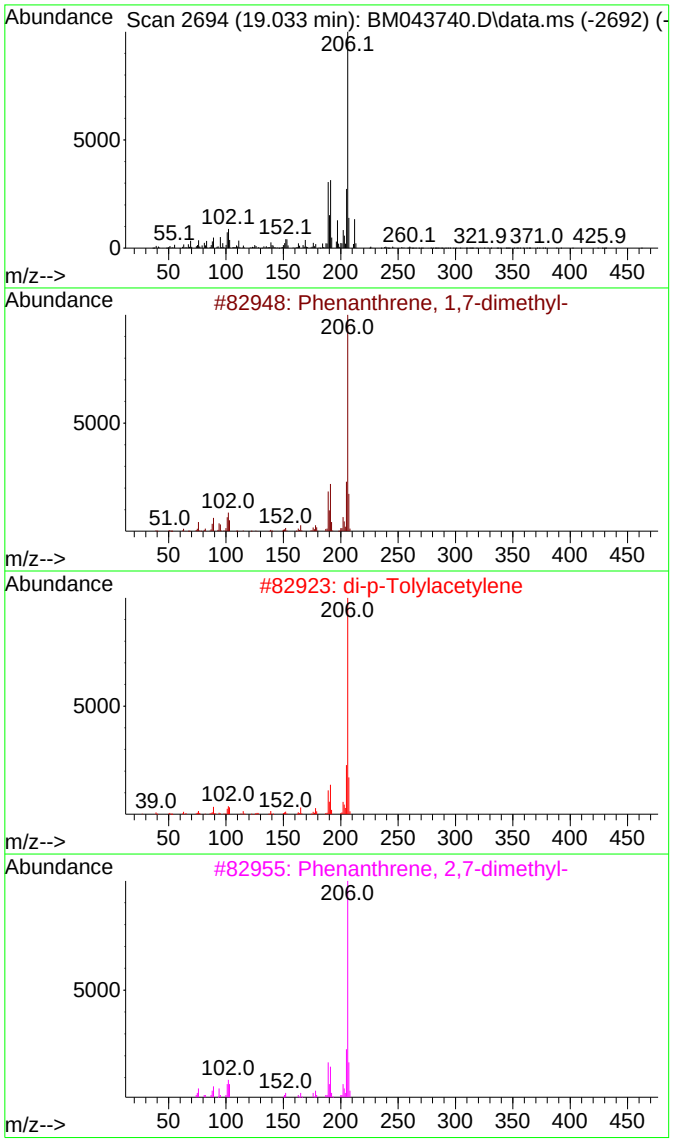
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

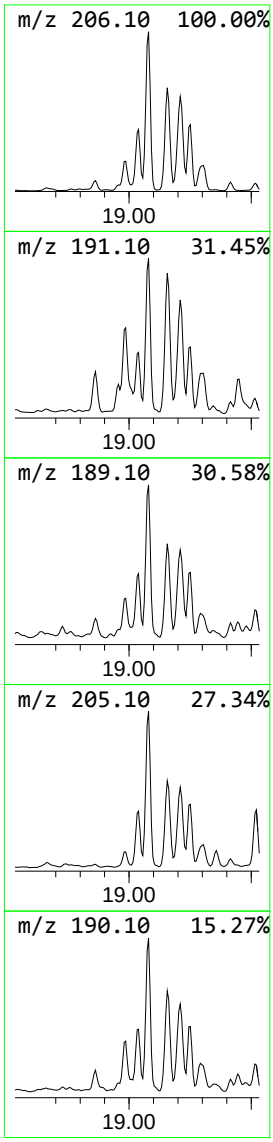
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Phenanthrene, 1,7-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.033	6.08 ng/ul	3146970	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Data File : BM043740.D
Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

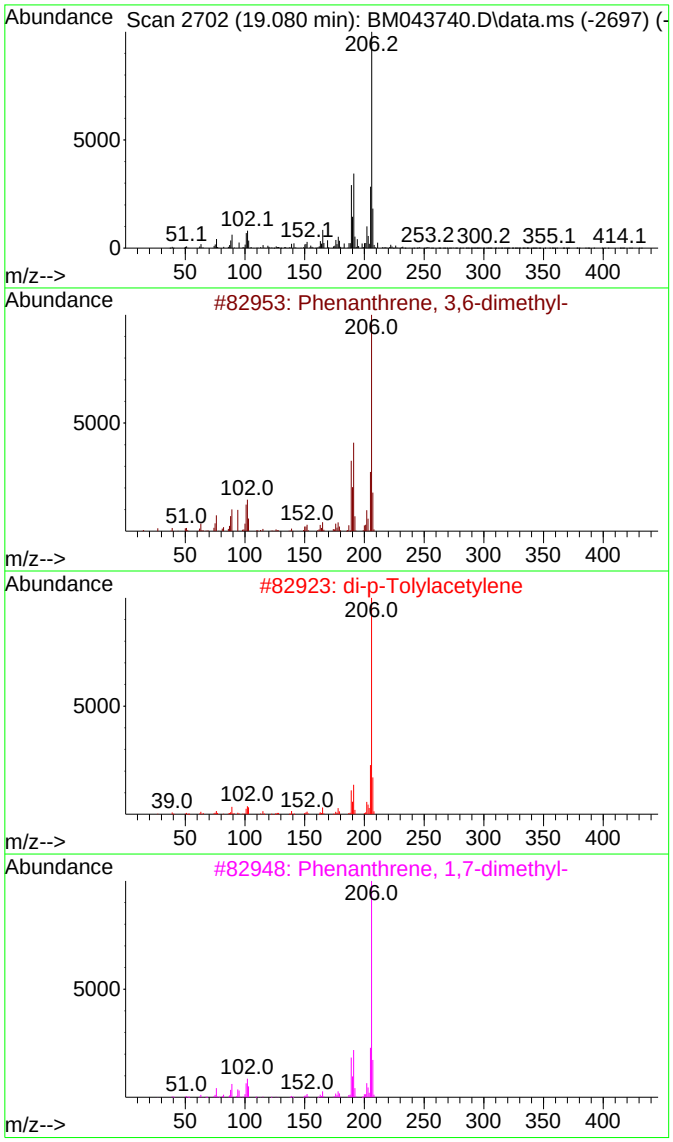
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

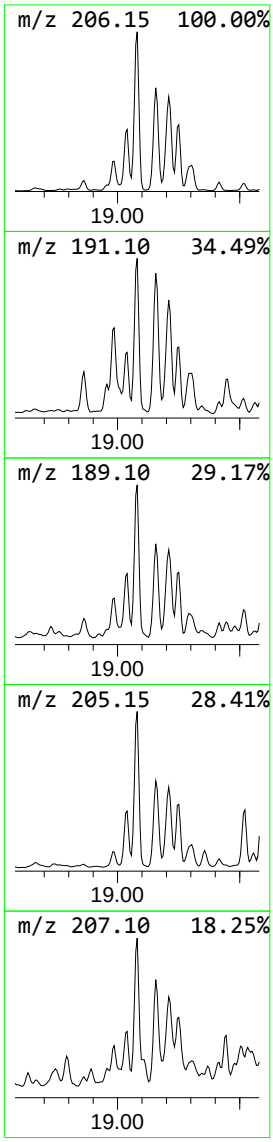
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.080	42.60 ng/ul	22036500	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	90





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Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

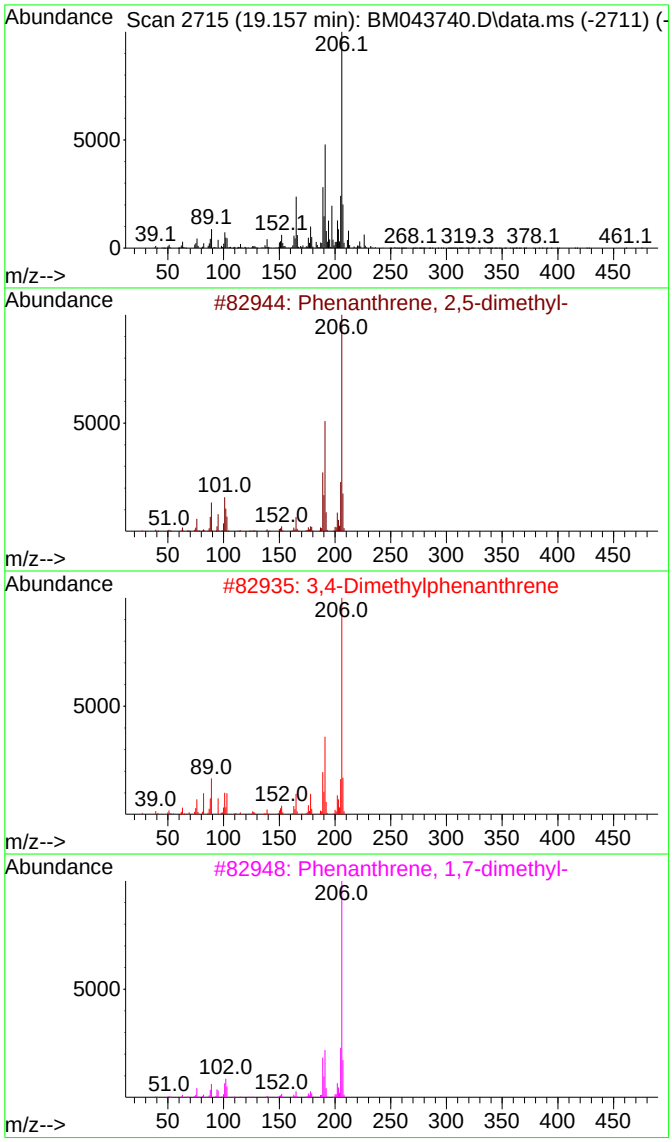
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

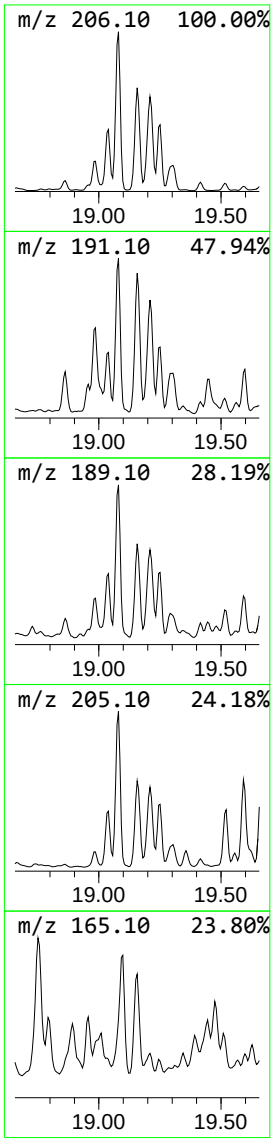
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.157	26.56 ng/ul	13735900	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	89
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	89





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Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

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

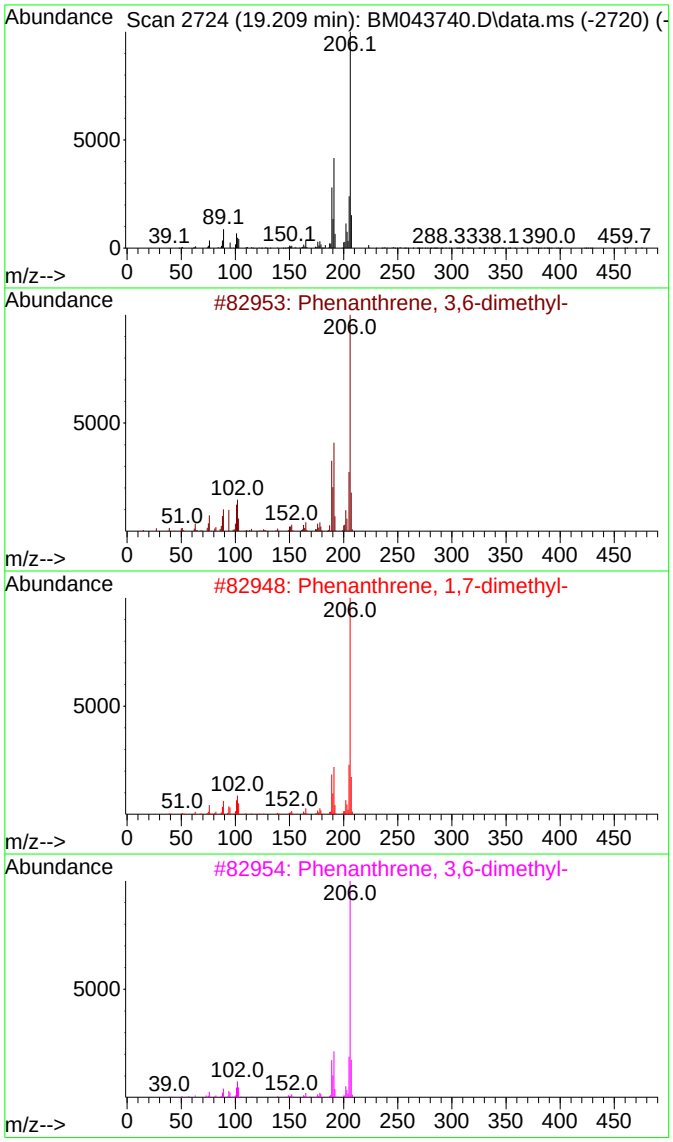
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

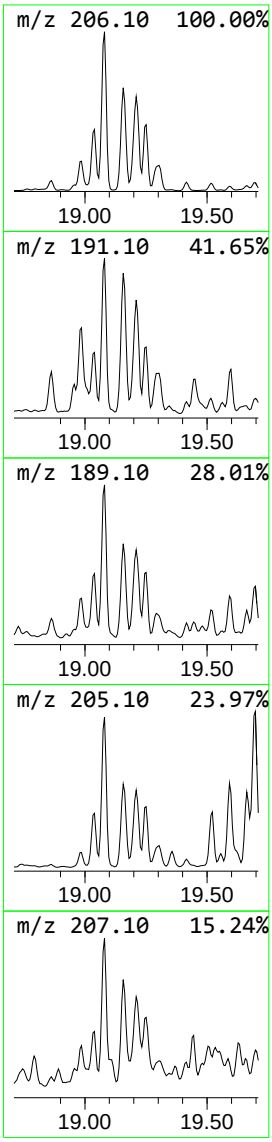
****

Peak Number 27 di-p-Tolylacetylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.209	15.56 ng/ul	8046940	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87





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Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

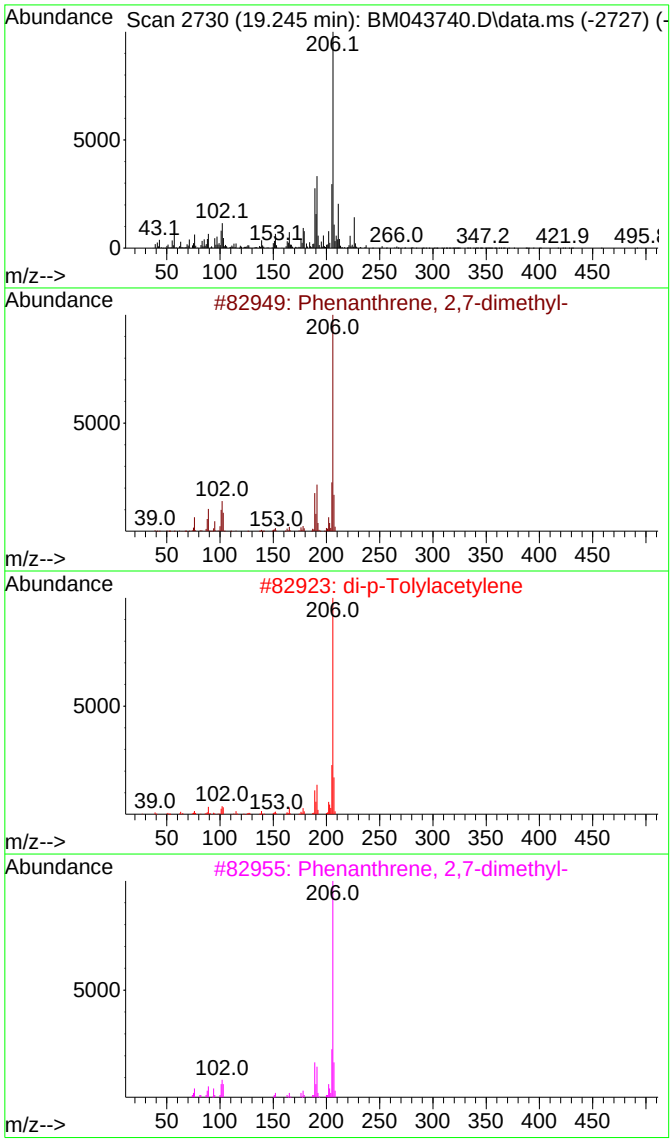
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

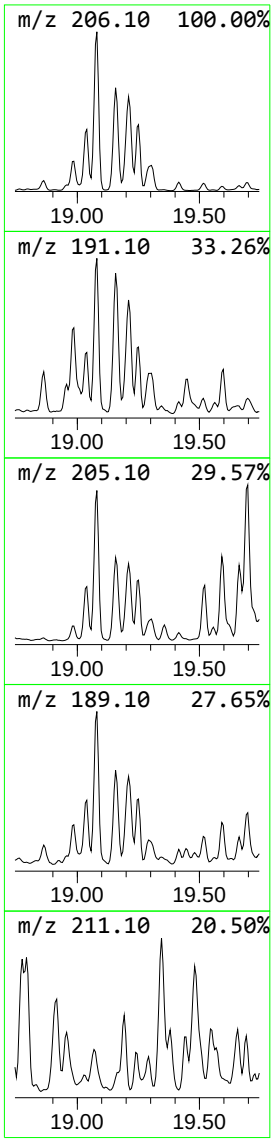
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Phenanthrene, 2,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.245	12.67 ng/ul	6552330	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	86
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	70
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	64





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Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

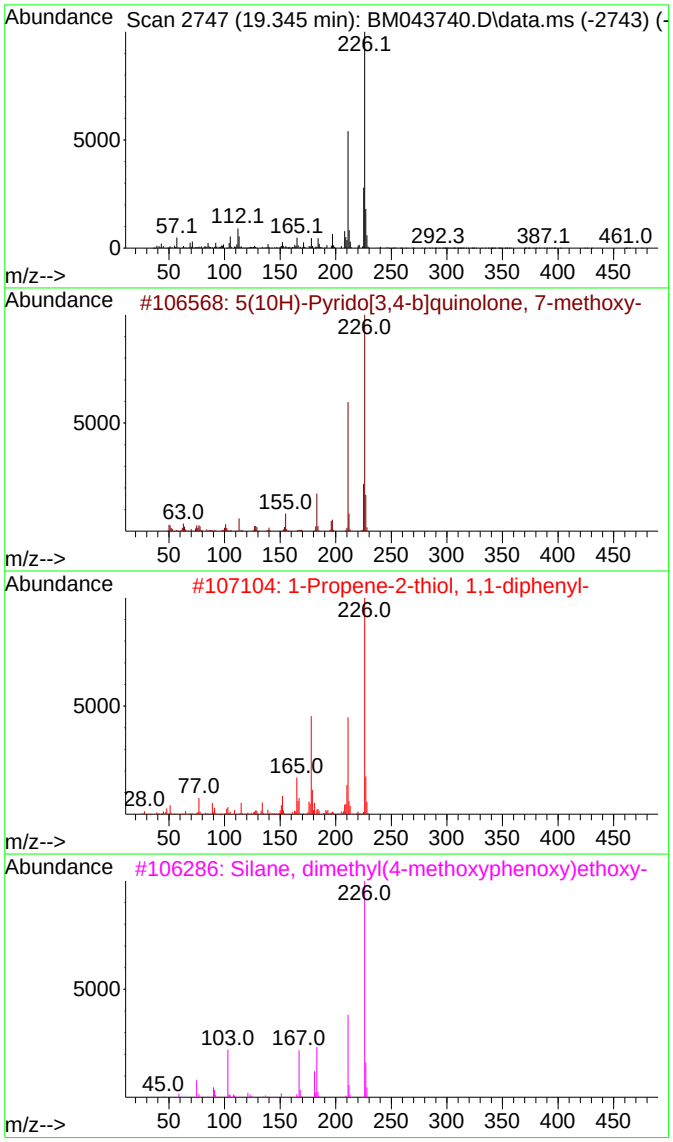
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

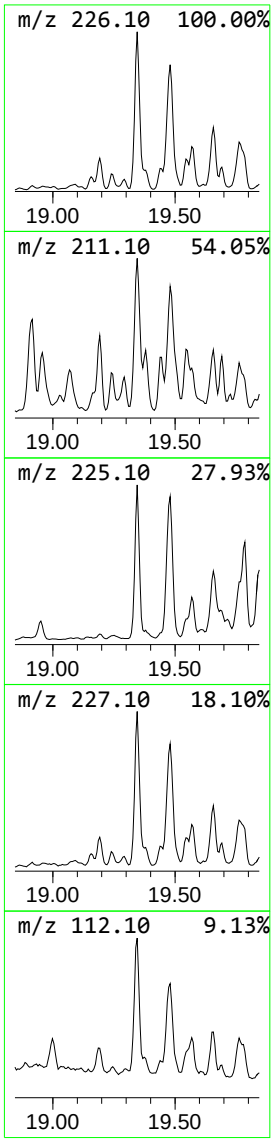
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 5(10H)-Pyrido[3,4-b]quinolo... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.345	19.37 ng/ul	10016800	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	87
2	1-Propene-2-thiol, 1,1-diphenyl-	226	C15H14S	074630-83-4	74
3	Silane, dimethyl(4-methoxyphenox...	226	C11H18O3Si	1000347-13-9	64
4	1,4-Benzenediamine, N-(1-methyle...	226	C15H18N2	000101-72-4	59
5	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	59





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Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

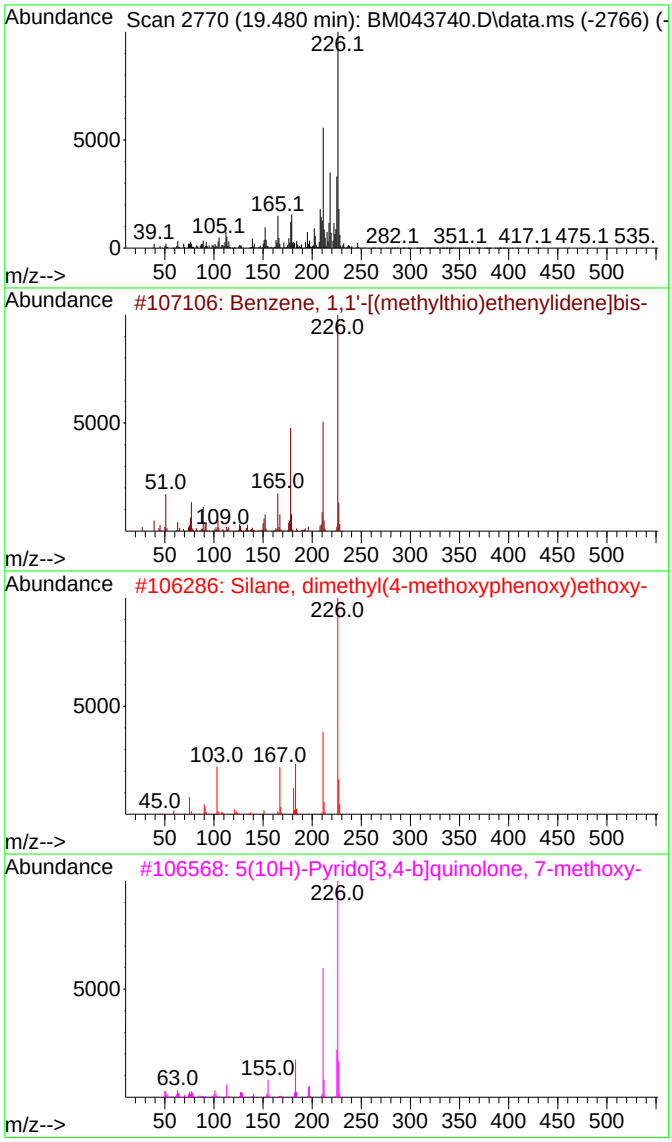
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

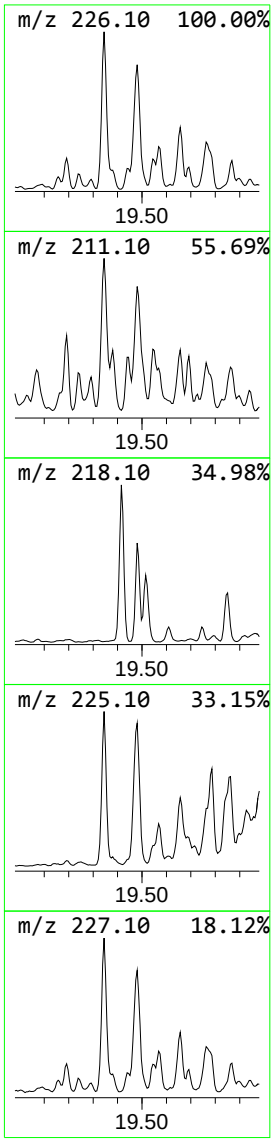
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, 1,1'-[(methylthio)... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.480	25.27 ng/ul	7884340	Chrysene-d12	21.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-[(methylthio)ethen...	226	C15H14S	015096-10-3	58
2	Silane, dimethyl(4-methoxyphenox...	226	C11H18O3Si	1000347-13-9	53
3	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	52
4	1-Propene-2-thiol, 1,1-diphenyl-	226	C15H14S	074630-83-4	49
5	Benzoic acid, 3,4,5-trimethoxy-,...	226	C11H14O5	001916-07-0	49





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Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

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

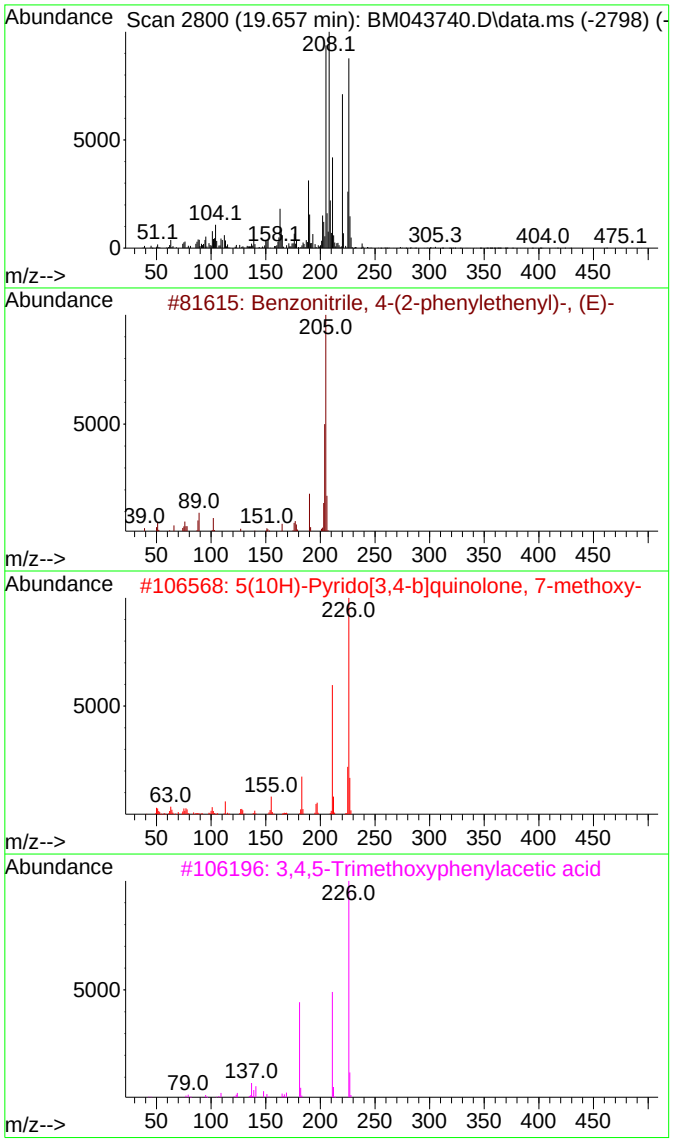
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

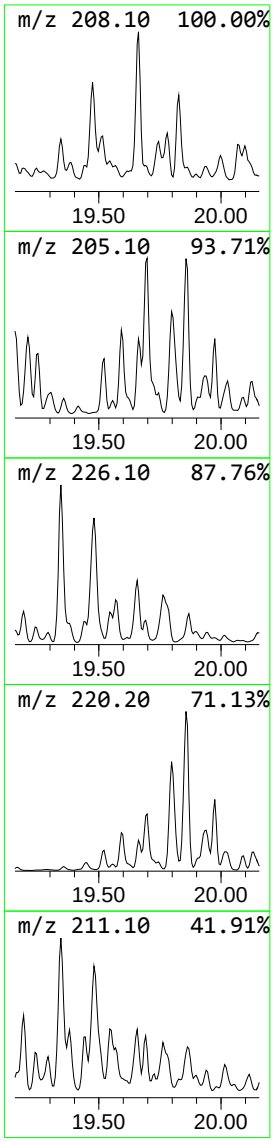
****

Peak Number 31 unknown-02 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.657	8.05 ng/ul	2512170	Chrysene-d12	21.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 4-(2-phenylethenyl...	205	C15H11N	013041-79-7	25
2	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	22
3	3,4,5-Trimethoxyphenylacetic acid	226	C11H14O5	000951-82-6	18
4	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	18
5	9-Ethyl-10-methylanthracene	220	C17H16	019713-49-6	18





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Data File : BM043740.D
Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

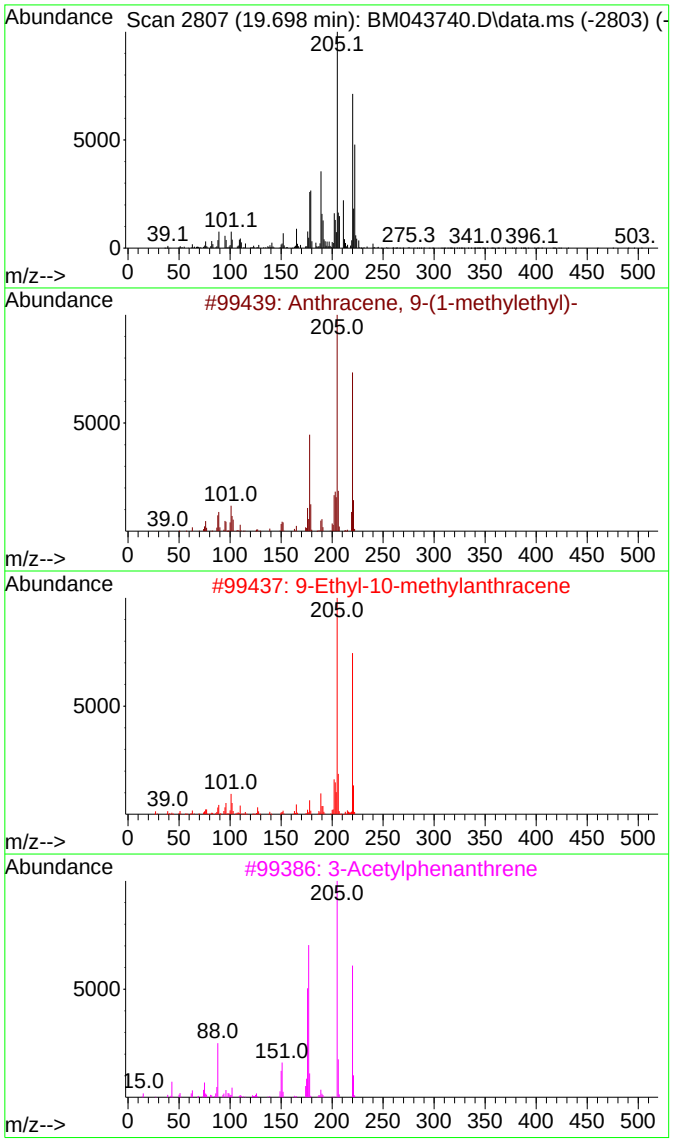
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

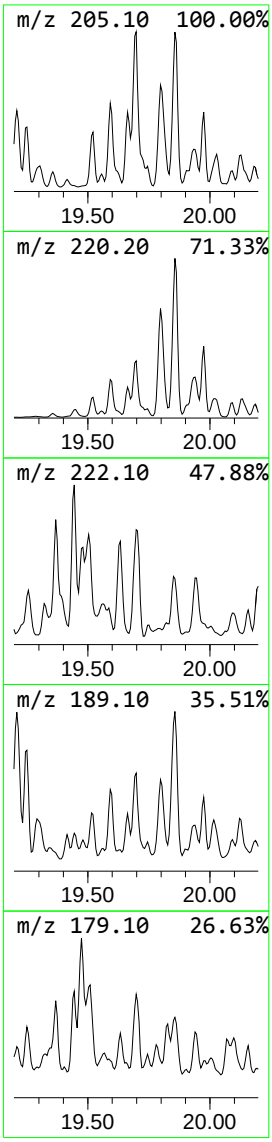
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Anthracene, 9-(1-methylethyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.698	21.12 ng/ul	6590560	Chrysene-d12	21.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-(1-methylethyl)-	220	C17H16	001498-80-2	60
2	9-Ethyl-10-methylanthracene	220	C17H16	019713-49-6	55
3	3-Acetylphenanthrene	220	C16H12O	002039-76-1	43
4	Chrom-6-ol-4-one, 2,3-dihydroxy-...	220	C13H16O3	084945-26-6	43
5	3,5-Cyclohexadiene-1,2-dione, 3,...	220	C14H20O2	003383-21-9	43





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Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

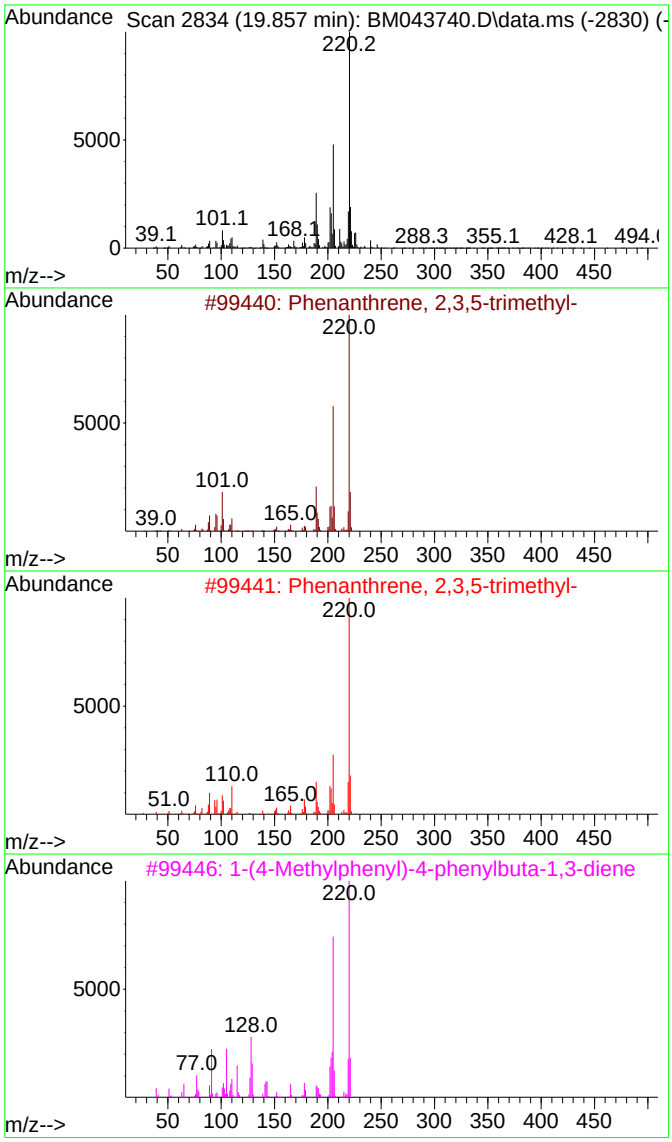
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

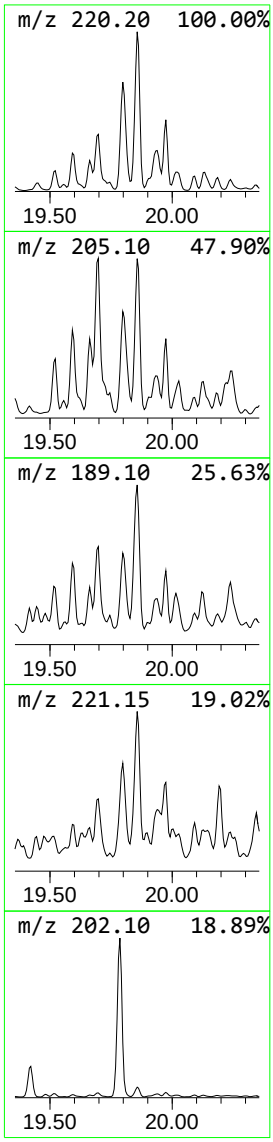
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.857	42.32 ng/ul	13205300	Chrysene-d12	21.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	94
2	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	93
3	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	74
4	Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	58
5	1-Penten-3-one, 4-methyl-1-[2,6,...	220	C15H24O	1000132-20-9	53





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Data File : BM043740.D
Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

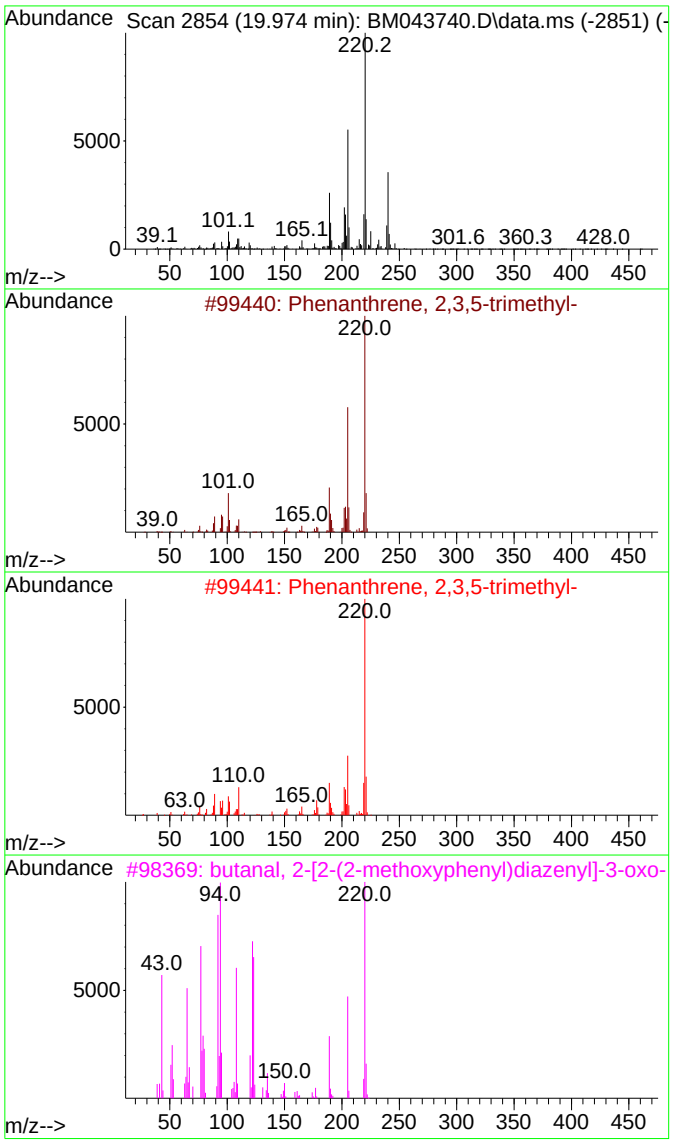
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

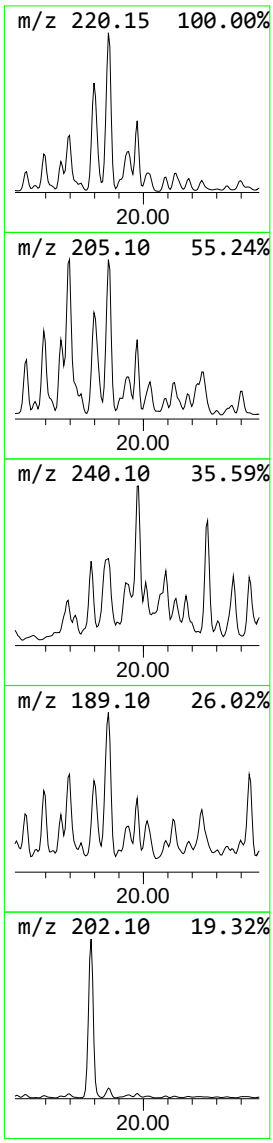
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 butanal, 2-[2-(2-methoxyphe... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.974	10.36 ng/ul	3232660	Chrysene-d12	21.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	86
2	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	52
3	butanal, 2-[2-(2-methoxyphenyl)d...	220	C11H12N2O3	1000396-24-5	50
4	9-Ethyl-10-methylanthracene	220	C17H16	019713-49-6	50
5	1-Methyl-1H-pyrazolo[3,4-b]pyrid...	220	C10H16N4Si	1000468-34-6	50





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Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

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

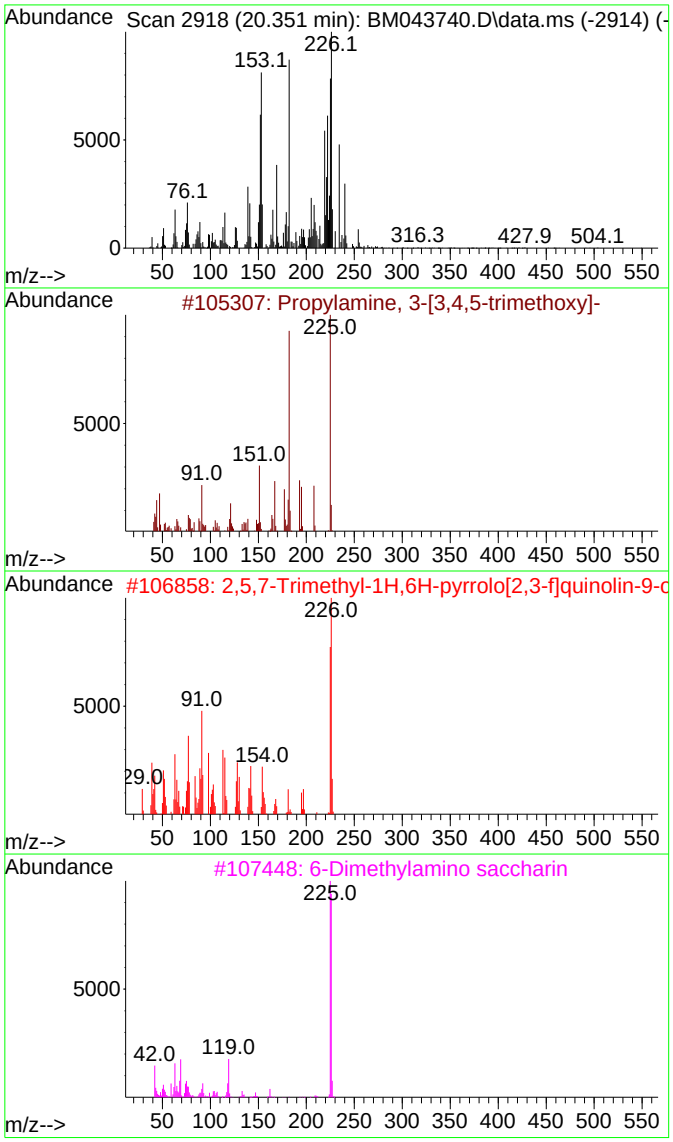
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

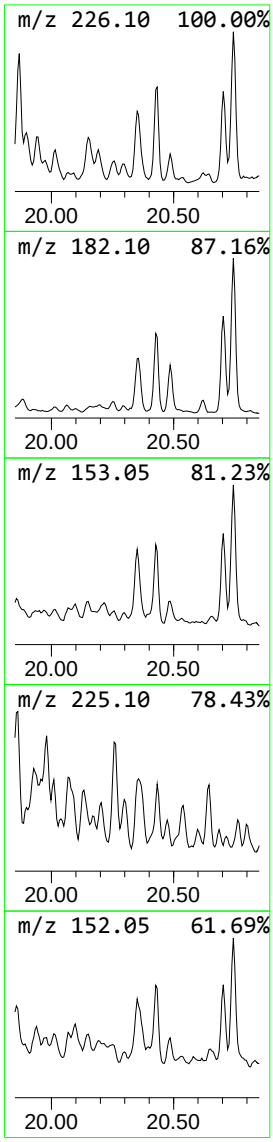
****

Peak Number 35 unknown-03 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.351	7.95 ng/ul	2481950	Chrysene-d12	21.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylamine, 3-[3,4,5-trimethoxy]-	225	C12H19NO3	100252-79-7	30
2	2,5,7-Trimethyl-1H,6H-pyrrolo[2,...	226	C14H14N2O	1000459-16-7	20
3	6-Dimethylamino saccharin	226	C9H10N2O3S	1010211-97-1	18
4	Imidazo[1,2-a]pyrimidine, 2-(4-m...	225	C13H11N3O	031555-35-8	18
5	6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	18





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Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

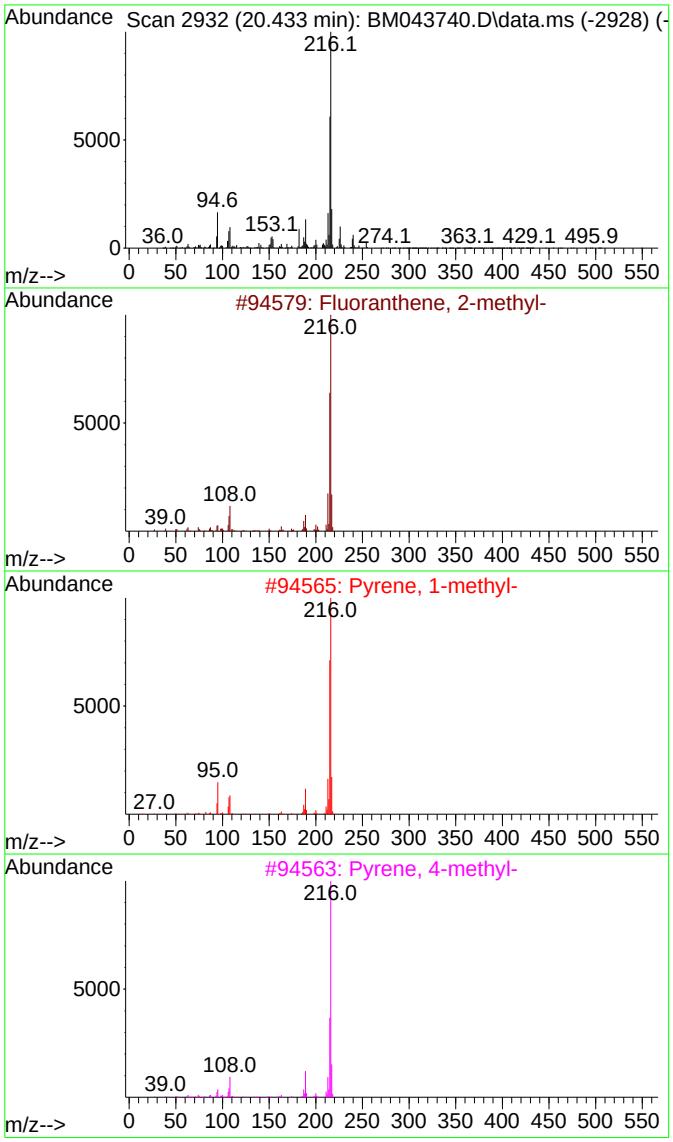
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

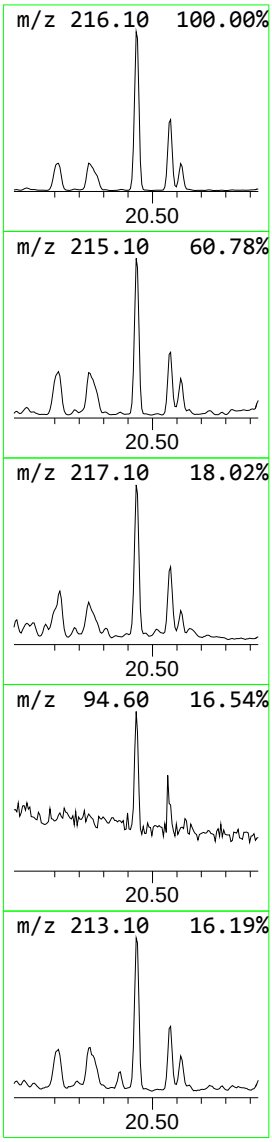
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Fluoranthene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.433	33.44 ng/ul	10432800	Chrysene-d12	21.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95





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Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

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

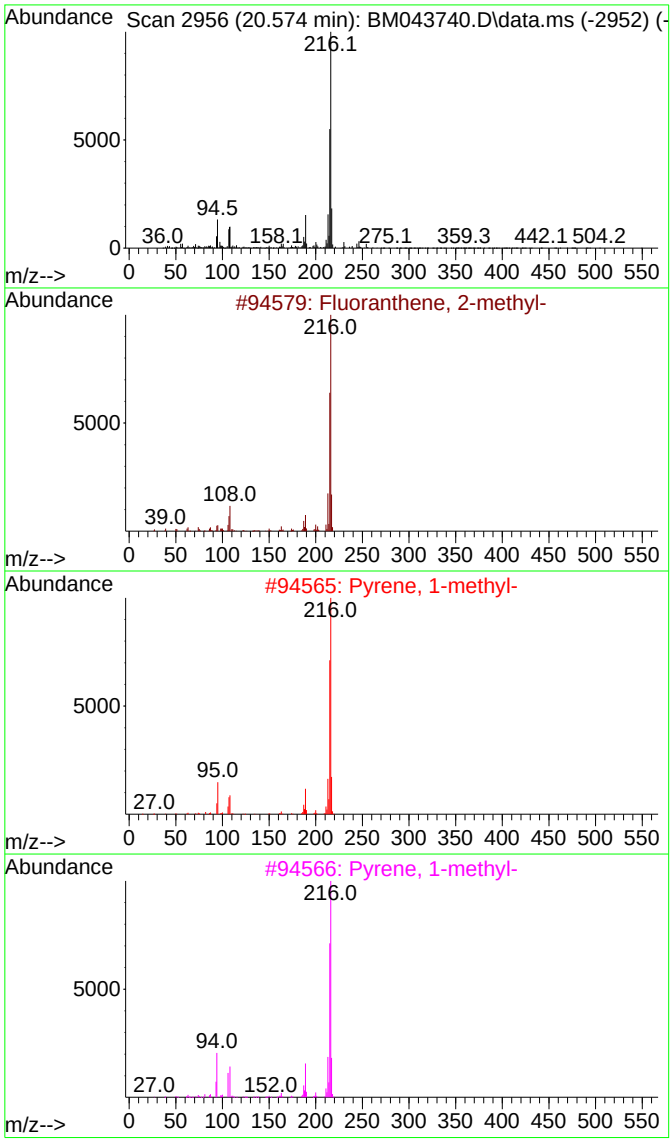
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

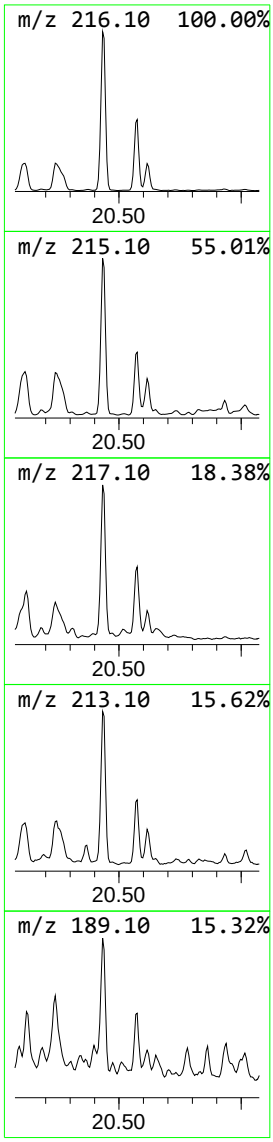
****

Peak Number 37 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.574	11.56 ng/ul	3608110	Chrysene-d12	21.539

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





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Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

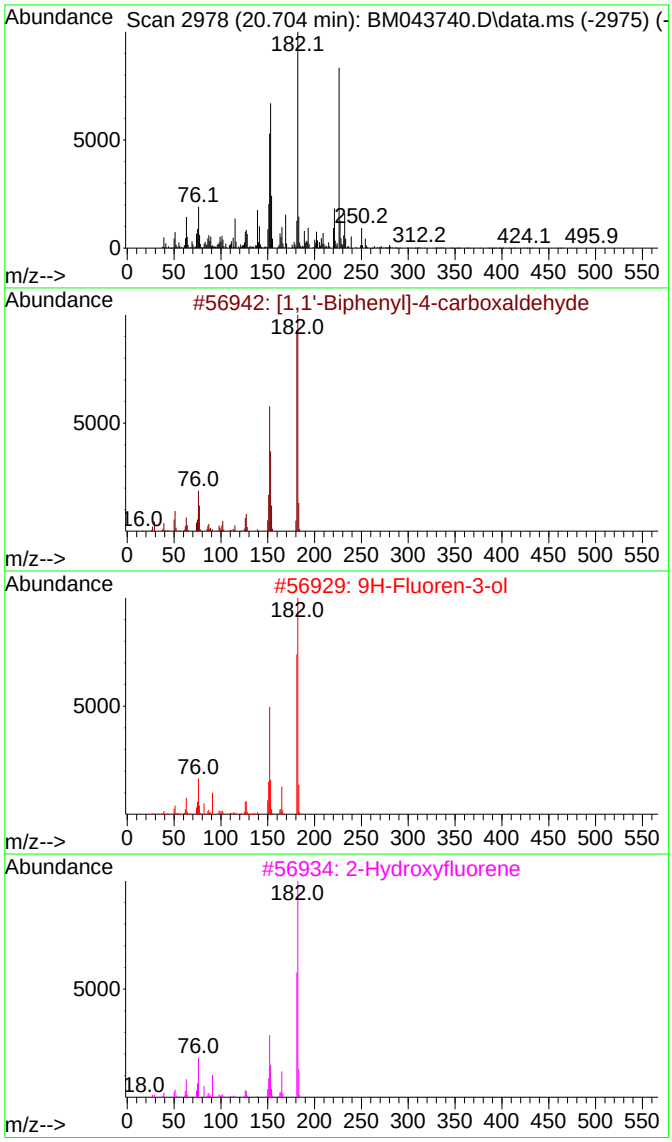
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

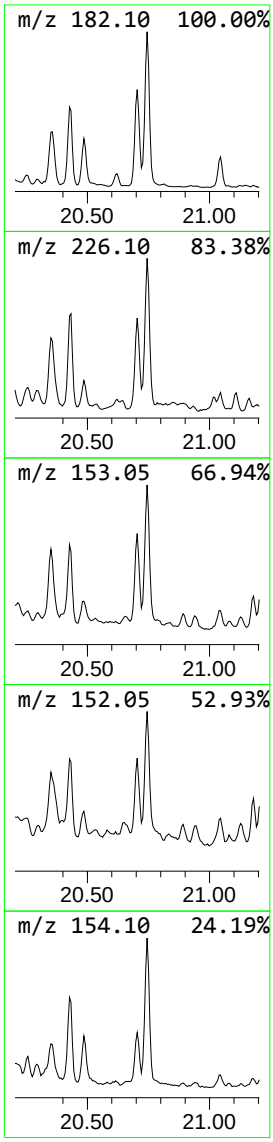
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.703	6.47 ng/ul	2018250	Chrysene-d12	21.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	55
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	50
3	2-Hydroxyfluorene	182	C13H10O	002443-58-5	49
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	45
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	43





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Data File : BM043740.D
Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

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

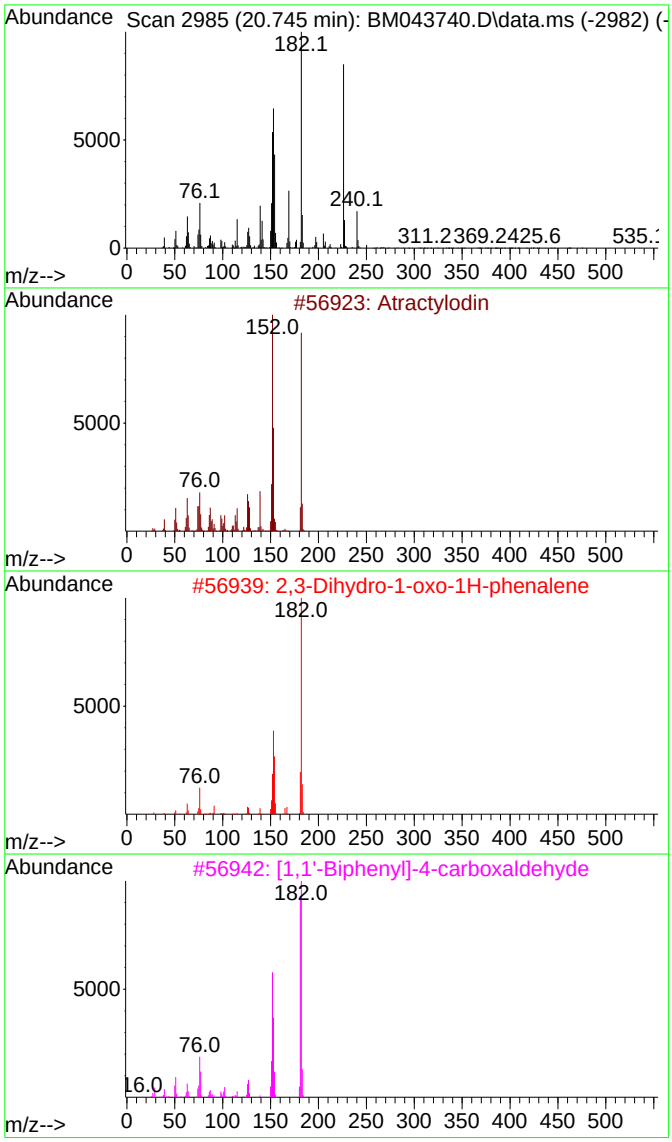
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

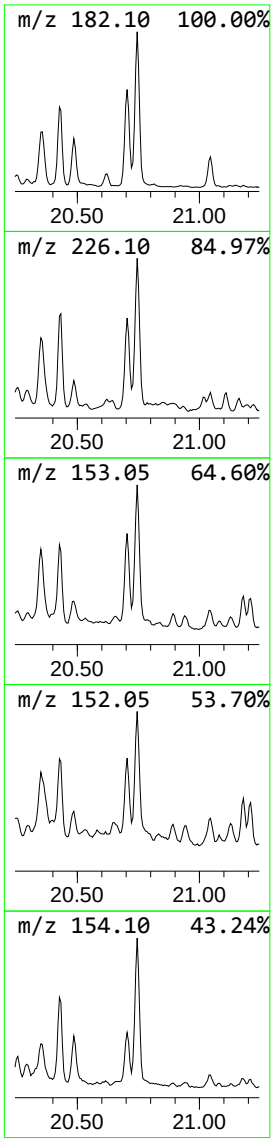
****

Peak Number 39 Atractylodin Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.745	8.25 ng/ul	2574000	Chrysene-d12	21.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Atractylodin	182	C13H10O	055290-63-6	50
2	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	46
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	45
4	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	41
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	30





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Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

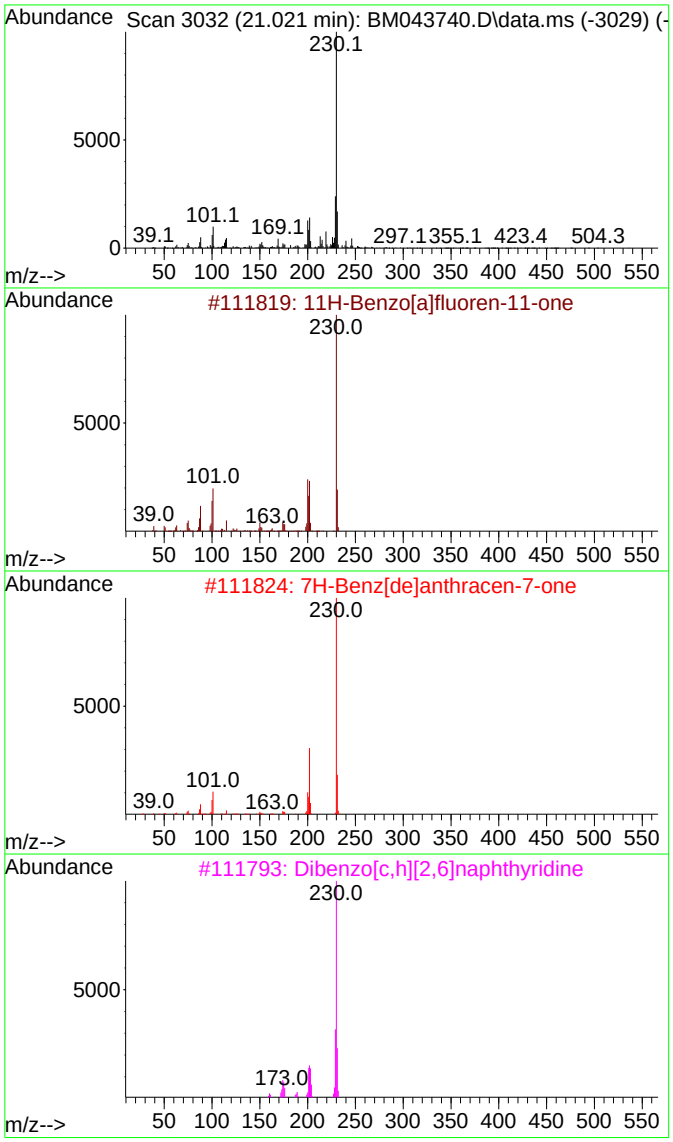
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

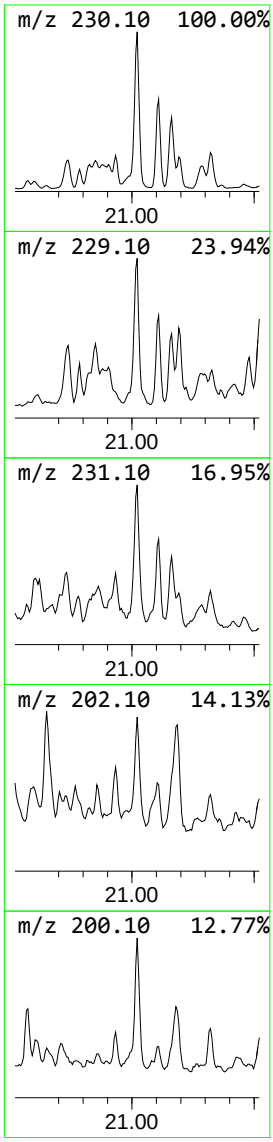
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 11H-Benzo[a]fluoren-11-one Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.021	8.65 ng/ul	2698280	Chrysene-d12	21.539

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	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	83
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76





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Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

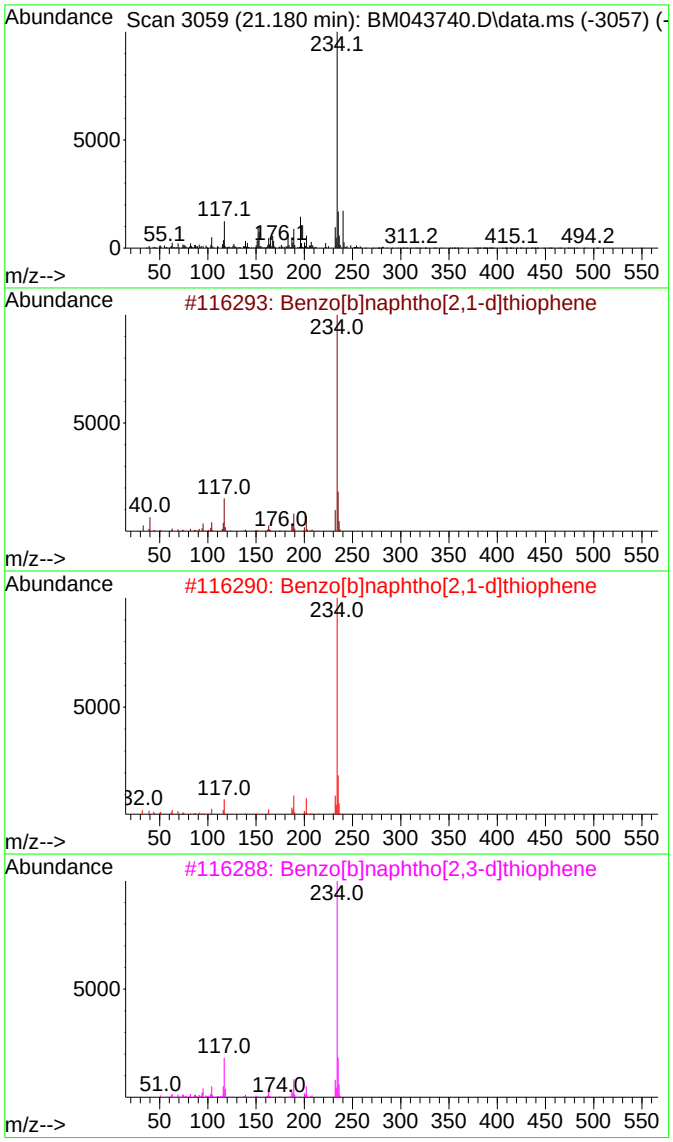
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

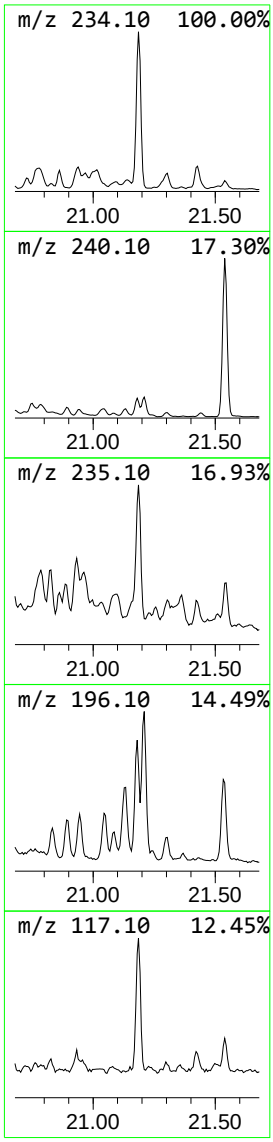
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.180	13.76 ng/ul	4292520	Chrysene-d12	21.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
5	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	89





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Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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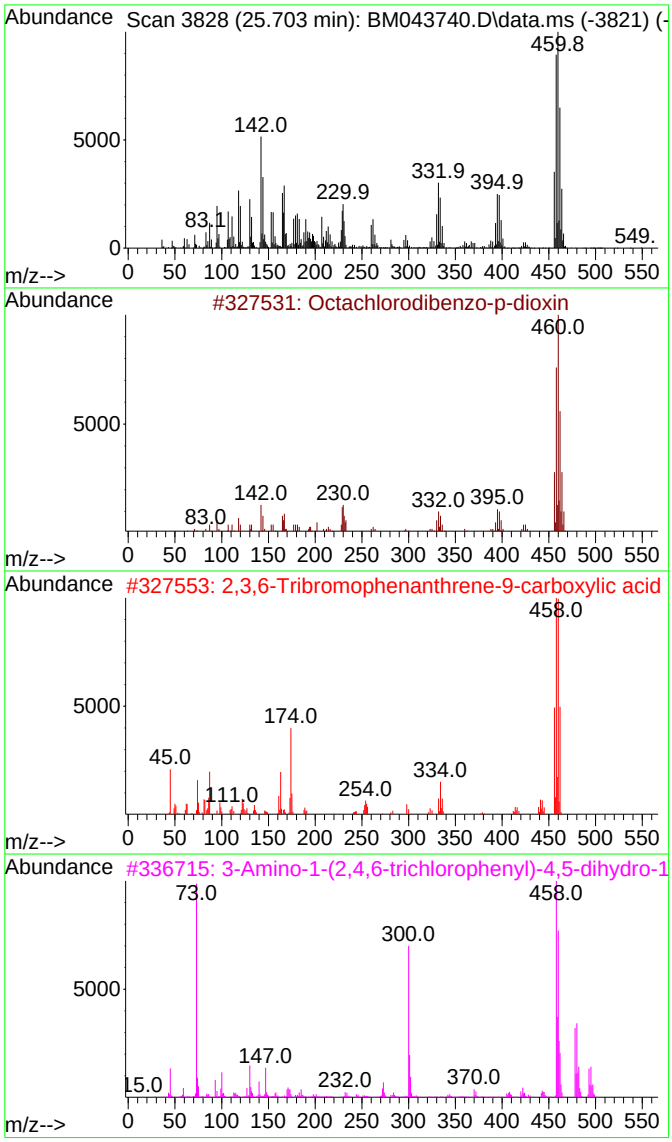
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

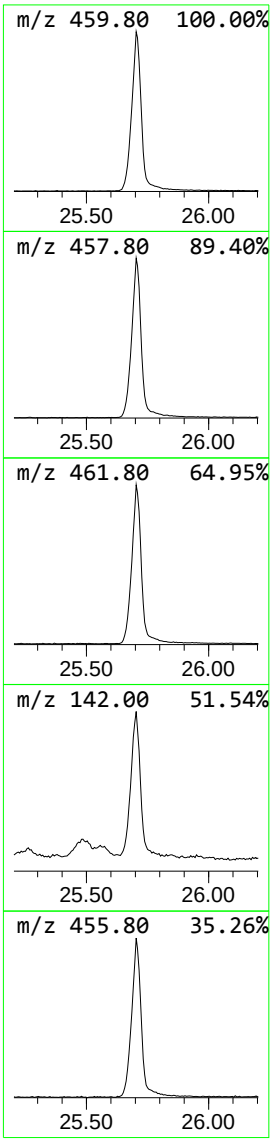
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Octachlorodibenzo-p-dioxin Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.703	20.00 ng/ul	8264070	Perylene-d12	23.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octachlorodibenzo-p-dioxin	456	C12Cl8O2	003268-87-9	95
2	2,3,6-Tribromophenanthrene-9-car...	456	C15H7Br3O2	056988-60-4	12
3	3-Amino-1-(2,4,6-trichlorophenyl...	493	C18H30Cl3N3OSi3	1000501-27-7	9
4	Flavone, 2',5,5',6-tetrahydroxy-...	544	C26H24O13	034318-39-3	9
5	Benzamide, 3-fluoro-5-trifluorom...	487	C28H45F4NO	1000464-77-2	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043740.D
Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97DL

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...	13.122	5.9	ng/ul	1336880	3	14.598	4532030	20.0
(DEL) Alkane: C...	13.392	3.1	ng/ul	702474	3	14.598	4532030	20.0
Oxalic acid, al...	14.239	4.7	ng/ul	1067400	3	14.598	4532030	20.0
(DEL) Alkane: S...	14.428	7.9	ng/ul	1784340	3	14.598	4532030	20.0
Naphthalene, 1,...	14.722	5.0	ng/ul	1121240	3	14.598	4532030	20.0
(DEL) Alkane: S...	14.822	8.4	ng/ul	1901150	3	14.598	4532030	20.0
Naphthalene, 1,...	14.992	14.2	ng/ul	3215710	3	14.598	4532030	20.0
(DEL) Alkane: S...	15.110	12.3	ng/ul	2797180	3	14.598	4532030	20.0
Naphthalene, 2,...	15.422	11.6	ng/ul	2618160	3	14.598	4532030	20.0
unknown-01	15.486	11.4	ng/ul	2592450	3	14.598	4532030	20.0
(DEL) Alkane: S...	15.851	117.2	ng/ul	26563100	3	14.598	4532030	20.0
1,4,5,8-Tetrame...	16.098	7.2	ng/ul	3715770	4	17.368	10344600	20.0
(DEL) Alkane: S...	16.333	67.8	ng/ul	35080900	4	17.368	10344600	20.0
Chamazulene	16.463	6.9	ng/ul	3553410	4	17.368	10344600	20.0
(DEL) Alkane: S...	16.721	11.0	ng/ul	5698390	4	17.368	10344600	20.0
2-Bromo dodecane	17.163	61.0	ng/ul	31576600	4	17.368	10344600	20.0
(DEL) Alkane: S...	17.768	28.4	ng/ul	14706200	4	17.368	10344600	20.0
3,7-Dimethyldib...	18.639	23.1	ng/ul	11972600	4	17.368	10344600	20.0
Naphtho[2,3-b]t...	18.739	15.9	ng/ul	8248290	4	17.368	10344600	20.0
2,8-Dimethyldib...	18.957	8.1	ng/ul	4206960	4	17.368	10344600	20.0
Phenanthrene, 1...	19.033	6.1	ng/ul	3146970	4	17.368	10344600	20.0
Phenanthrene, 3...	19.080	42.6	ng/ul	22036500	4	17.368	10344600	20.0
Phenanthrene, 2...	19.157	26.6	ng/ul	13735900	4	17.368	10344600	20.0
di-p-Tolylacety...	19.209	15.6	ng/ul	8046940	4	17.368	10344600	20.0
Phenanthrene, 2...	19.245	12.7	ng/ul	6552330	4	17.368	10344600	20.0
5(10H)-Pyrido[3...	19.345	19.4	ng/ul	10016800	4	17.368	10344600	20.0
Benzene, 1,1'-[...	19.480	25.3	ng/ul	7884340	5	21.539	6240180	20.0
unknown-02	19.657	8.1	ng/ul	2512170	5	21.539	6240180	20.0
Anthracene, 9-(...	19.698	21.1	ng/ul	6590560	5	21.539	6240180	20.0
Phenanthrene, 2...	19.857	42.3	ng/ul	13205300	5	21.539	6240180	20.0
butanal, 2-[2-(...	19.974	10.4	ng/ul	3232660	5	21.539	6240180	20.0
unknown-03	20.351	8.0	ng/ul	2481950	5	21.539	6240180	20.0
Fluoranthene, 2...	20.433	33.4	ng/ul	10432800	5	21.539	6240180	20.0
Pyrene, 1-methyl-	20.574	11.6	ng/ul	3608110	5	21.539	6240180	20.0
[1,1'-Biphenyl]...	20.703	6.5	ng/ul	2018250	5	21.539	6240180	20.0
Atractylodin	20.745	8.3	ng/ul	2574000	5	21.539	6240180	20.0
11H-Benzo[a]flu...	21.021	8.7	ng/ul	2698280	5	21.539	6240180	20.0
Benzo[b]naphtho...	21.180	13.8	ng/ul	4292520	5	21.539	6240180	20.0
Octachlorodiben...	25.703	20.0	ng/ul	8264070	6	23.968	8264070	20.0