LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036636.D
Acq On : 21 Sep 2022 22:23
Operator : CG/JU
Sample : N4605-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5746

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-BM091522.M
Title : SVOA CALIBRATION

Signal : TIC: BM036636.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.122	3	6	27	rVB	10443968	14310029	100.00%	7.012%
2	4.157	176	182	194	rVB	212443	320990	2.24%	0.157%
3	5.640	428	434	442	rVV	210116	389475	2.72%	0.191%
4	6.016	492	498	503	rBV2	295207	459129	3.21%	0.225%
5	7.175	687	695	702	rVV	1162580	1984908	13.87%	0.973%
6	7.345	719	724	730	rVV	1031110	1636541	11.44%	0.802%
7	7.551	753	759	769	rVV	1137364	1909028	13.34%	0.935%
8	8.022	830	839	845	rBV	1232991	2129377	14.88%	1.043%
9	8.728	954	959	967	rVV	1209217	1887672	13.19%	0.925%
10	9.186	1031	1037	1043	rVV	1156200	1885655	13.18%	0.924%
11	9.910	1152	1160	1166	rBV	888509	1457755	10.19%	0.714%
12	10.451	1240	1252	1259	rVB	1411327	2437097	17.03%	1.194%
13	10.833	1307	1317	1322	rBV	1857491	3527305	24.65%	1.728%
14	10.880	1322	1325	1333	rVB	593362	932006	6.51%	0.457%
15	10.969	1334	1340	1343	rBV	295351	539804	3.77%	0.265%
16	11.857	1486	1491	1496	rVV	382492	584335	4.08%	0.286%
17	12.251	1552	1558	1567	rBV	295859	469690	3.28%	0.230%
18	12.486	1591	1598	1605	rVB	876533	1409153	9.85%	0.691%
19	12.704	1628	1635	1641	rBV	676349	1058681	7.40%	0.519%
20	13.192	1714	1718	1724	rVV	265979	378571	2.65%	0.186%
21	13.480	1760	1767	1773	rBV2	495943	784244	5.48%	0.384%
22	13.810	1811	1823	1825	rBV2	244207	450379	3.15%	0.221%
23	13.969	1845	1850	1855	rVV	583658	974348	6.81%	0.477%
24	14.021	1855	1859	1861	rVV	499796	703167	4.91%	0.345%
25	14.057	1861	1865	1871	rVV	2859517	3901834	27.27%	1.912%
26	14.133	1873	1878	1882	rVV	508440	679012	4.75%	0.333%
27	14.204	1886	1890	1894	rVV	369006	570658	3.99%	0.280%
28	14.339	1907	1913	1929	rVB	3290345	5380753	37.60%	2.637%
29	14.545	1943	1948	1955	rVB	462096	596355	4.17%	0.292%
30	14.645	1955	1965	1970	rBV	3057224	4756767	33.24%	2.331%
31	14.833	1991	1997	2007	rVV2	802044	1350681	9.44%	0.662%
32	14.933	2007	2014	2018	rVV2	162141	339919	2.38%	0.167%
33	15.039	2027	2032	2039	rVV	586993	924103	6.46%	0.453%
34	15.115	2039	2045	2049	rVV	237713	377767	2.64%	0.185%
35	15.263	2065	2070	2074	rVV2	244635	390789	2.73%	0.191%
36	15.310	2074	2078	2082	rVB	237179	307166	2.15%	0.151%

LSC Area Percent Report

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Sample : N4605-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5746

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-BM091522.M
Title : SVOA CALIBRATION

37	15.433	2092	2099	2102	rBV3	367386	649575	4.54%	0.318%
38	15.492	2106	2109	2114	rVB	441892	531619	3.72%	0.261%
39	15.633	2126	2133	2137	rVV	4197936	5990658	41.86%	2.936%
40	15.674	2137	2140	2145	rVV2	405949	581749	4.07%	0.285%
41	15.745	2145	2152	2156	rVB	948672	1378787	9.64%	0.676%
42	15.898	2174	2178	2184	rVB2	404712	590887	4.13%	0.290%
43	15.980	2184	2192	2198	rBV	422488	731038	5.11%	0.358%
44	16.127	2210	2217	2225	rVB2	392975	933377	6.52%	0.457%
45	16.215	2225	2232	2239	rVB3	195462	423920	2.96%	0.208%
46	16.374	2250	2259	2269	rBV	1484248	3032780	21.19%	1.486%
47	16.921	2346	2352	2355	rBV2	393182	706742	4.94%	0.346%
48	17.033	2367	2371	2378	rVB3	367835	594124	4.15%	0.291%
49	17.109	2379	2384	2386	rVV2	264838	447599	3.13%	0.219%
50	17.139	2386	2389	2395	rVV	657468	1004252	7.02%	0.492%
51	17.198	2395	2399	2409	rVB4	402881	721964	5.05%	0.354%
52	17.380	2424	2430	2434	rBV	3556355	5153208	36.01%	2.525%
53	17.421	2434	2437	2442	rVB	3125284	4143364	28.95%	2.030%
54	17.480	2442	2447	2452	rBV2	4406215	6243075	43.63%	3.059%
55	17.692	2475	2483	2489	rVV4	294117	565150	3.95%	0.277%
56	17.880	2511	2515	2522	rVB2	679809	914509	6.39%	0.448%
57	18.256	2575	2579	2584	rVV2	793868	1718112	12.01%	0.842%
58	18.304	2584	2587	2593	rVB	1357112	1929172	13.48%	0.945%
59	18.445	2606	2611	2615	rVV2	919111	1507486	10.53%	0.739%
60	18.486	2615	2618	2624	rVB	760118	989686	6.92%	0.485%
61	18.574	2628	2633	2636	rBV	737088	950500	6.64%	0.466%
62	18.751	2659	2663	2667	rBV	592134	859680	6.01%	0.421%
63	18.792	2667	2670	2677	rVB	689751	900562	6.29%	0.441%
64	19.051	2711	2714	2717	rVV	279292	366911	2.56%	0.180%
65	19.086	2717	2720	2724	rVB	276707	358919	2.51%	0.176%
66	19.168	2729	2734	2737	rVV	835385	1268354	8.86%	0.622%
67	19.203	2737	2740	2747	rVV2	819936	1457744	10.19%	0.714%
68	19.262	2747	2750	2753	rVV	440808	538798	3.77%	0.264%
69	19.303	2753	2757	2765	rVB	597901	1072262	7.49%	0.525%
70	19.433	2773	2779	2785	rVB	6125912	8385244	58.60%	4.109%
71	19.580	2800	2804	2807	rVB	339712	408097	2.85%	0.200%
72	19.762	2830	2835	2838	rBV2	6532373	9956742	69.58%	4.879%
73	19.792	2838	2840	2847	rVV	5416390	6293599	43.98%	3.084%
74	19.862	2848	2852	2858	rVB2	599524	953211	6.66%	0.467%
75	20.109	2889	2894	2902	rBV4	570354	1538962	10.75%	0.754%
76	20.245	2914	2917	2919	rBV3	251639	377439	2.64%	0.185%

LSC Area Percent Report

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Sample : N4605-01
Misc :
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Instrument :
BNA_M
ClientSampleId :
A5746

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
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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Title : SVOA CALIBRATION

77	20.280	2920	2923	2925	rVV	534598	727383	5.08%	0.356%
78	20.309	2925	2928	2932	rVB	799403	896266	6.26%	0.439%
79	20.439	2945	2950	2954	rVB2	602916	1092700	7.64%	0.535%
80	20.580	2971	2974	2977	rBV	336460	409273	2.86%	0.201%
81	20.627	2978	2982	2986	rVB3	422327	618281	4.32%	0.303%
82	20.803	3008	3012	3015	rBV	649108	688839	4.81%	0.338%
83	21.027	3046	3050	3055	rVB	1052562	1373340	9.60%	0.673%
84	21.192	3072	3078	3082	rBV2	532275	1070160	7.48%	0.524%
85	21.233	3082	3085	3086	rVV	504357	551902	3.86%	0.270%
86	21.262	3086	3090	3096	rVV4	2153154	3512180	24.54%	1.721%
87	21.321	3097	3100	3108	rVB	739005	1091408	7.63%	0.535%
88	21.544	3131	3138	3142	rBV2	5162195	10143583	70.88%	4.970%
89	21.586	3142	3145	3155	rVB	3000721	4265265	29.81%	2.090%
90	21.709	3163	3166	3171	rBV	968736	1274677	8.91%	0.625%
91	22.192	3242	3248	3254	rBV4	1605922	3161184	22.09%	1.549%
92	22.686	3329	3332	3342	rVB	720826	1237936	8.65%	0.607%
93	22.944	3371	3376	3388	rVB3	1728244	2922349	20.42%	1.432%
94	23.256	3422	3429	3433	rBV2	2985227	7132979	49.85%	3.495%
95	23.303	3433	3437	3453	rVB4	3450214	6242043	43.62%	3.059%
96	23.774	3513	3517	3522	rBV	980236	1755358	12.27%	0.860%
97	23.833	3522	3527	3532	rVV2	2792295	5477977	38.28%	2.684%
98	23.886	3532	3536	3545	rVB	1664665	3508879	24.52%	1.719%
99	23.991	3548	3554	3560	rBV2	2105750	4018314	28.08%	1.969%
100	24.644	3662	3665	3673	rVB	780557	1538697	10.75%	0.754%

Sum of corrected areas: 204075973

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
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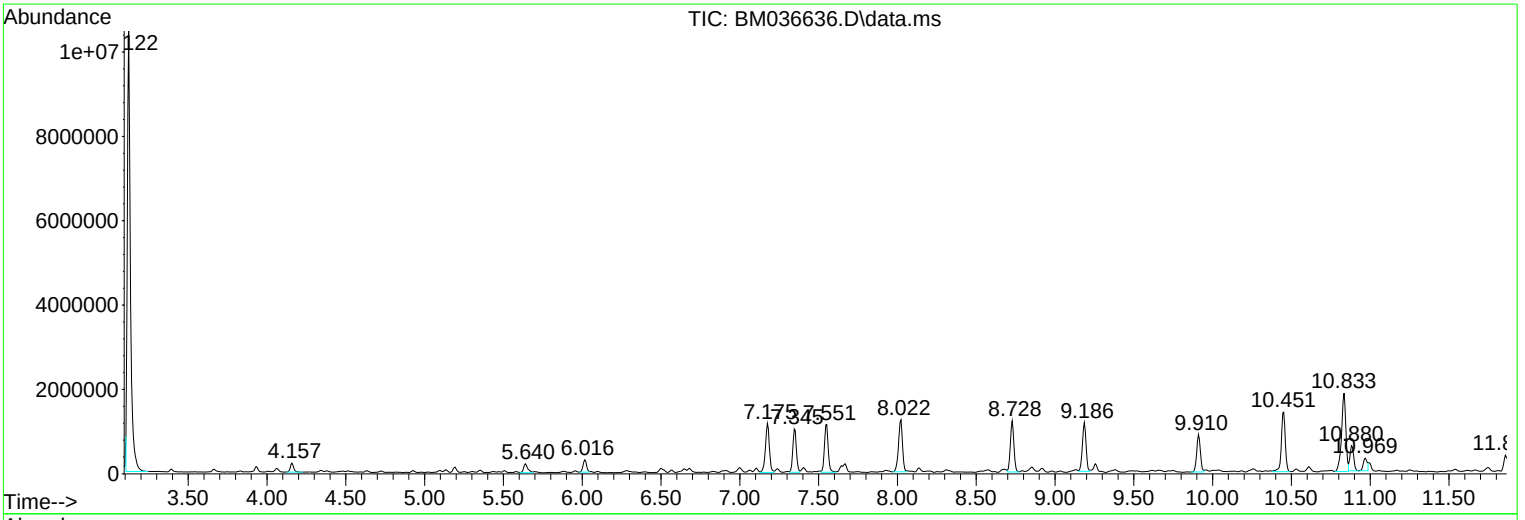
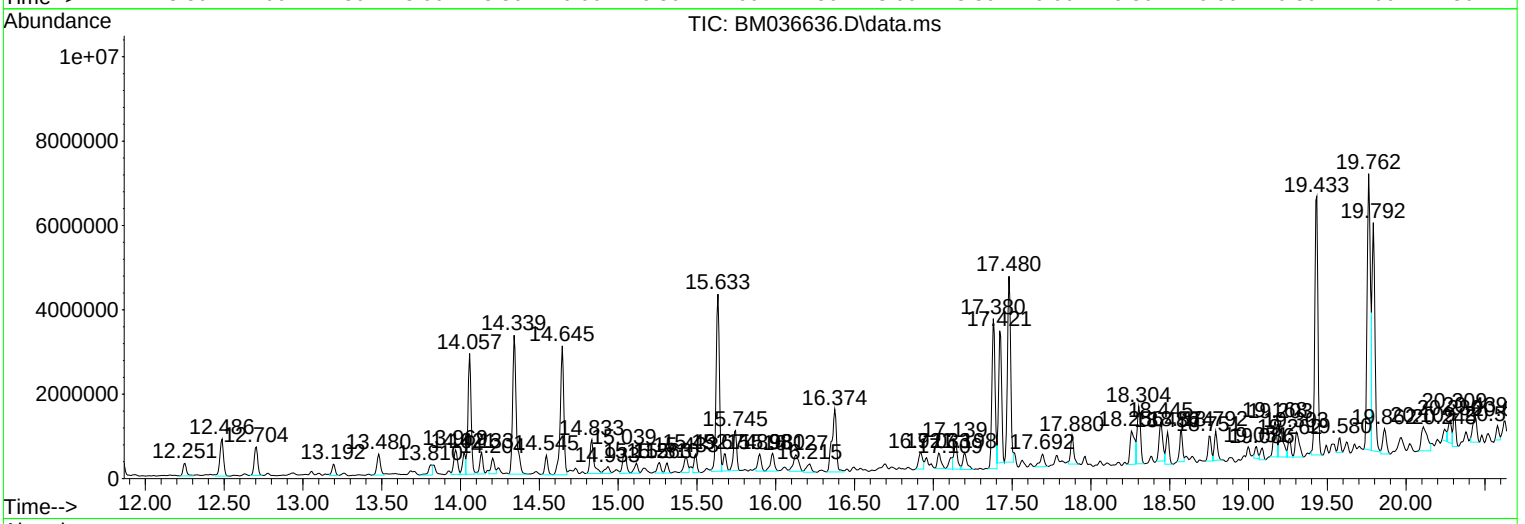
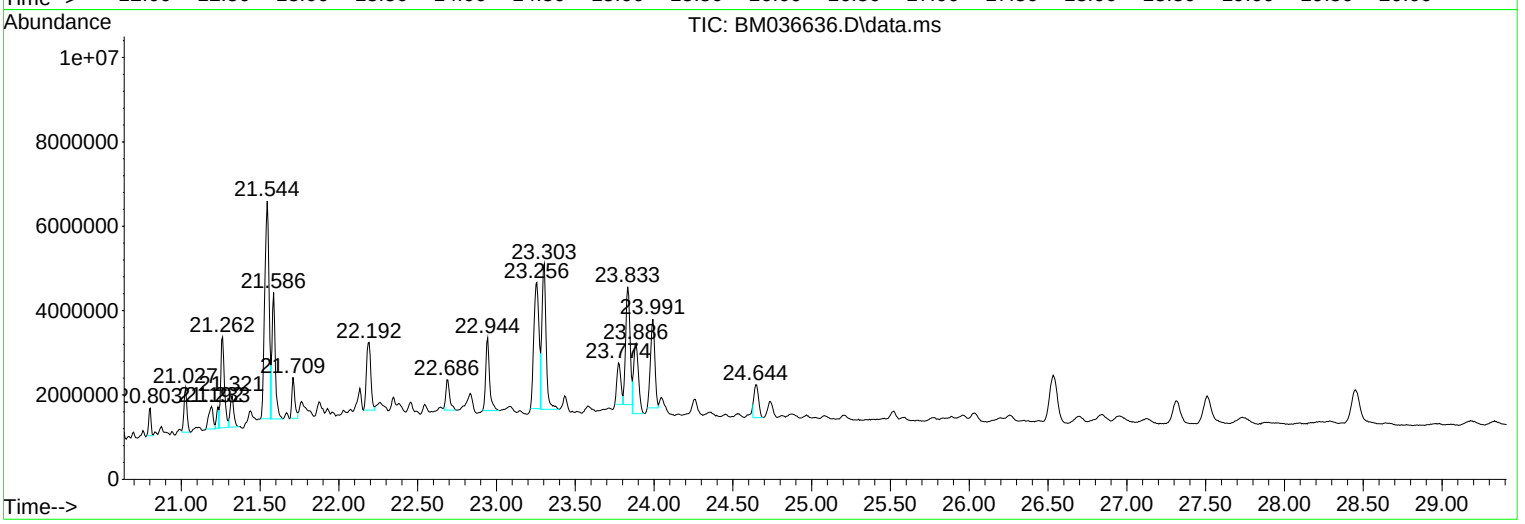
Instrument :
BNA_M
ClientSampleId :
A5746

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036636.D
Acq On : 21 Sep 2022 22:23
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Instrument :
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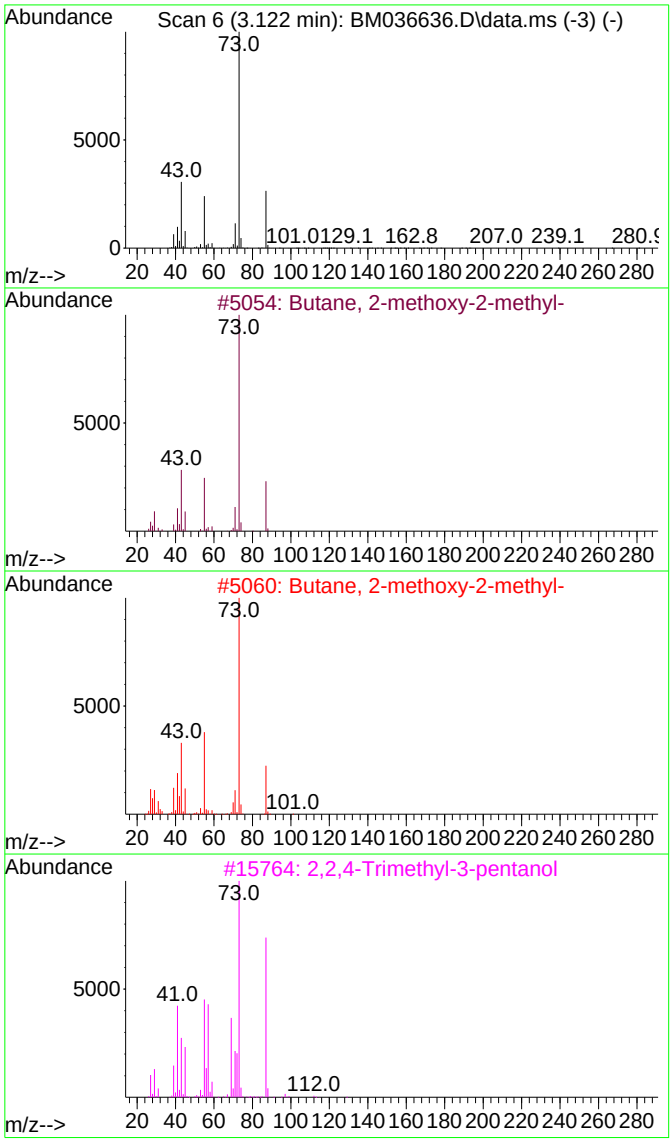
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

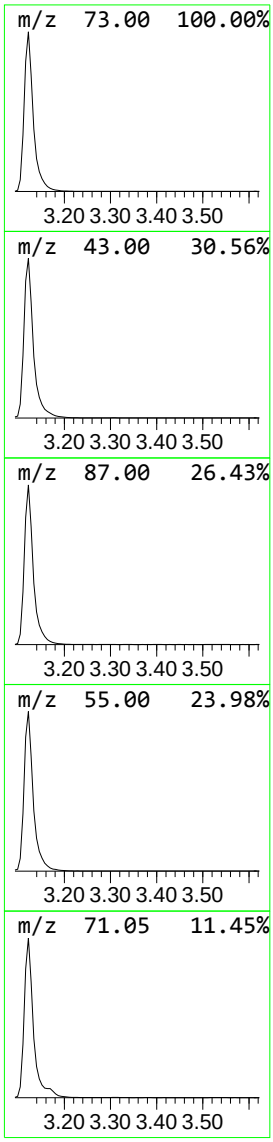
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.122	134.41 ng/ul	14310000	1,4-Dichlorobenzene-d4	8.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036636.D
Acq On : 21 Sep 2022 22:23
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Sample : N4605-01
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

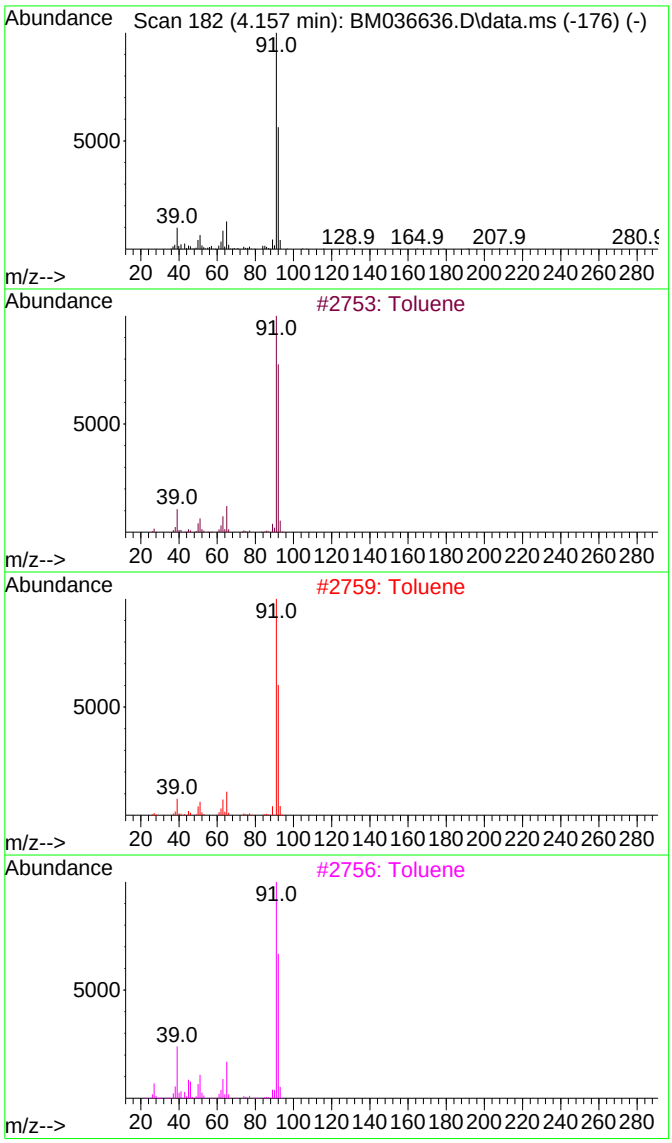
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

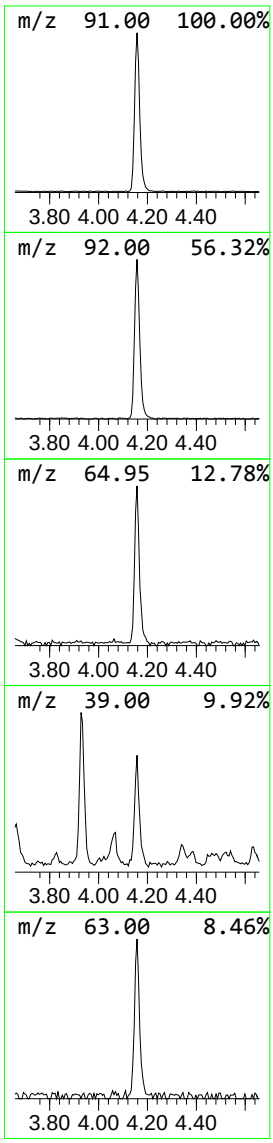
****

Peak Number 2 Toluene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.157	3.01 ng/ul	320990	1,4-Dichlorobenzene-d4	8.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	93
3	Toluene	92	C7H8	000108-88-3	90
4	Toluene	92	C7H8	000108-88-3	90
5	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87





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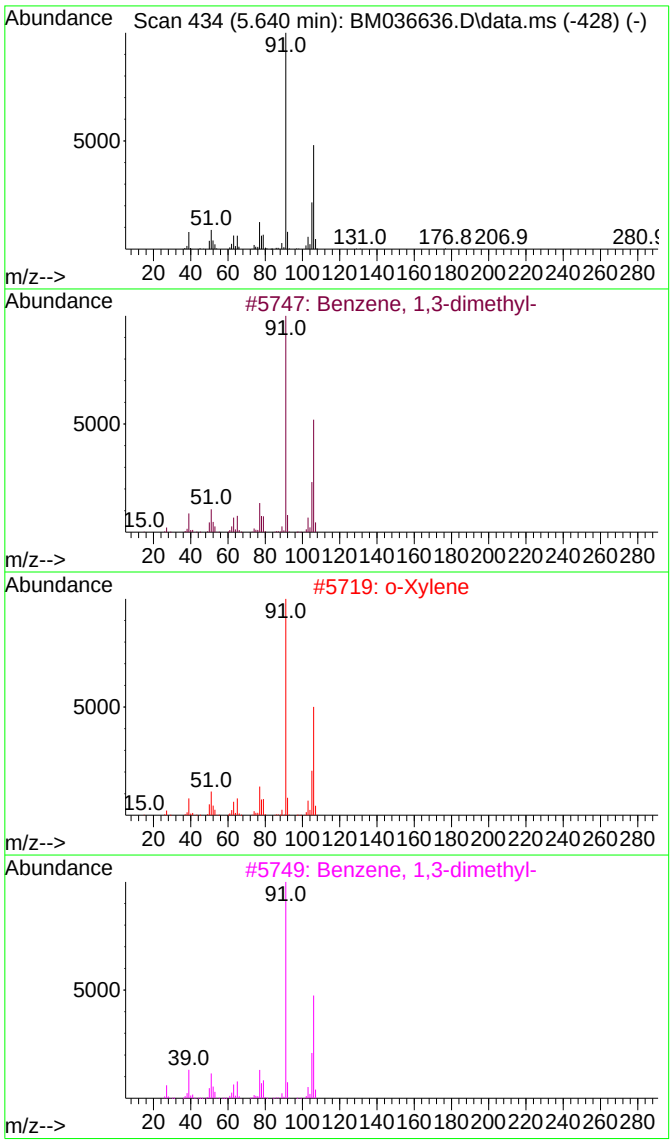
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

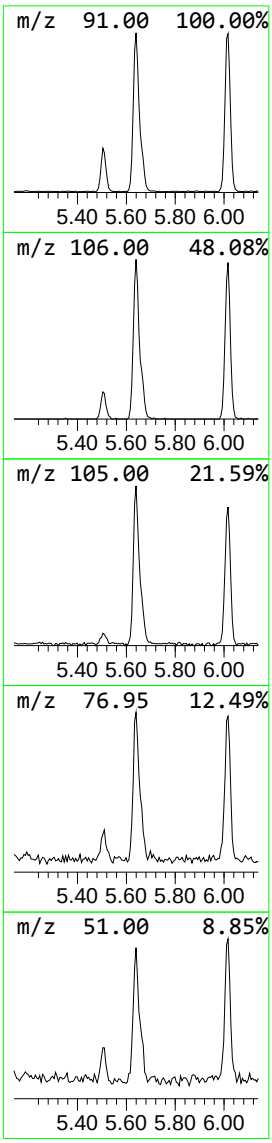
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.640	3.66 ng/ul	389475	1,4-Dichlorobenzene-d4	8.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	p-Xylene	106	C8H10	000106-42-3	97
5	p-Xylene	106	C8H10	000106-42-3	95





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Instrument :
BNA_M
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

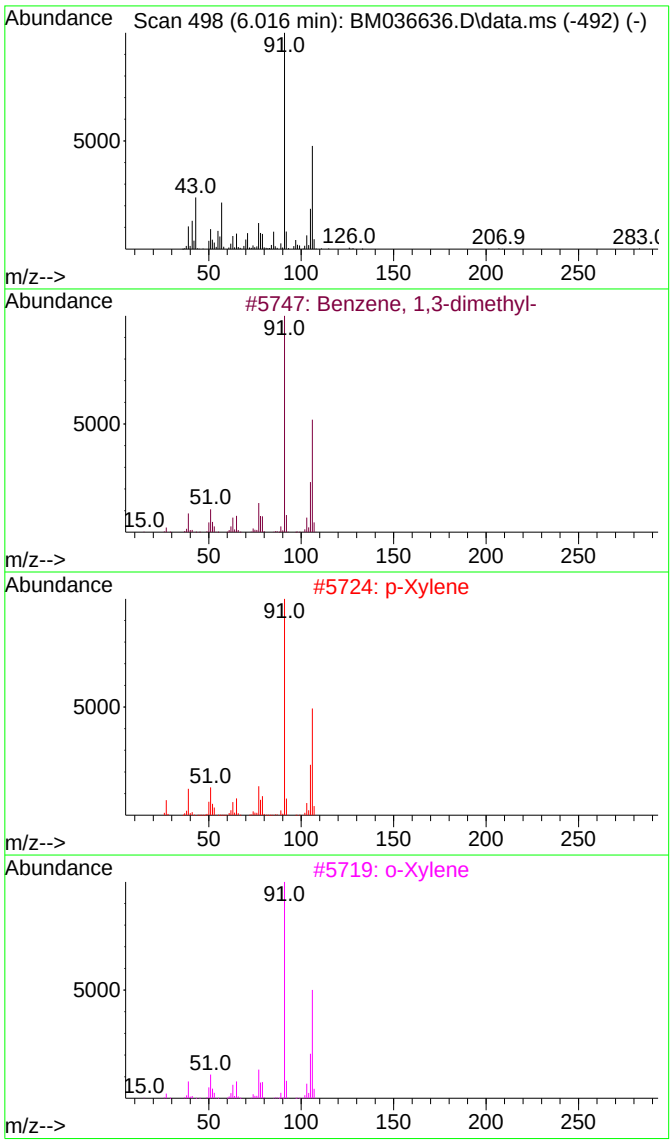
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

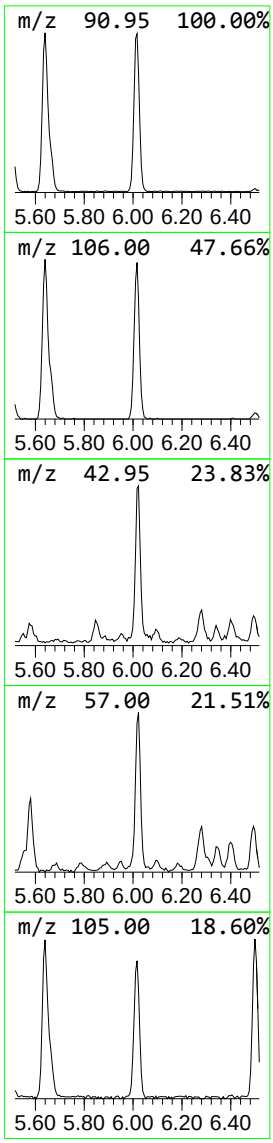
****

Peak Number 4 p-Xylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.016	4.31 ng/ul	459129	1,4-Dichlorobenzene-d4	8.022

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036636.D
Acq On : 21 Sep 2022 22:23
Operator : CG/JU
Sample : N4605-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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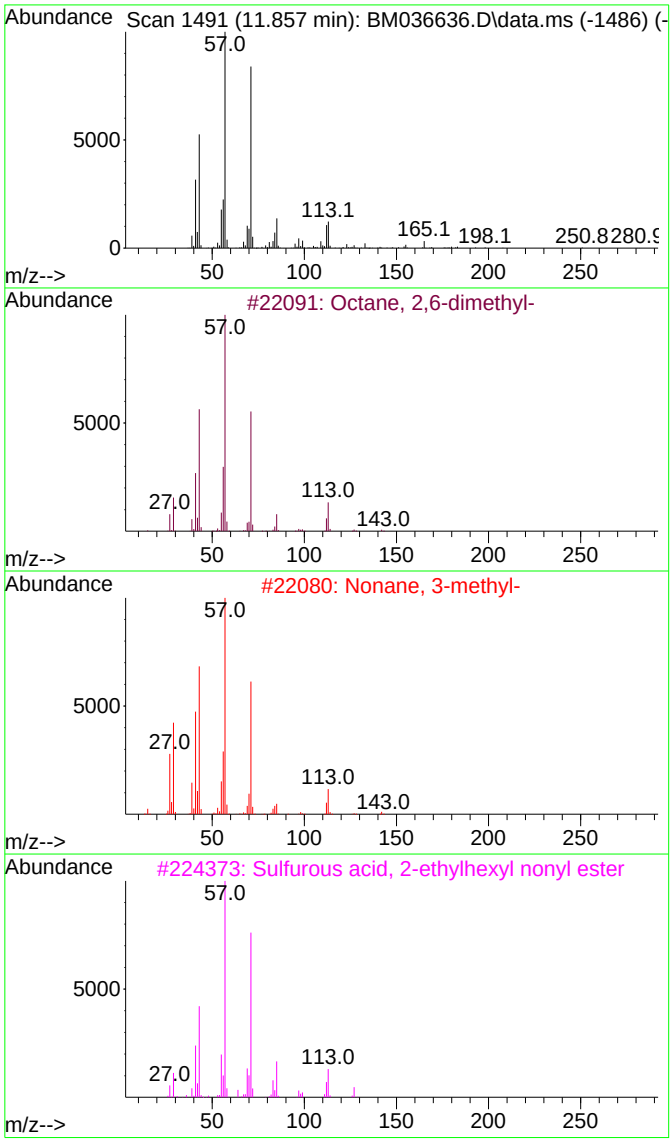
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

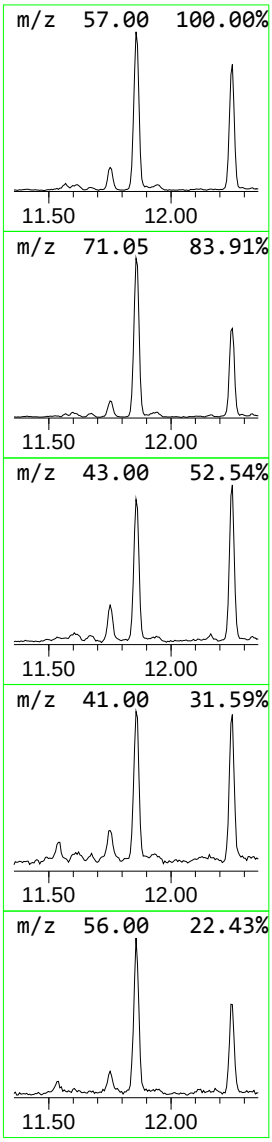
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	3.31 ng/ul	584335	Naphthalene-d8	10.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	78
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
5	Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	59





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Operator : CG/JU
Sample : N4605-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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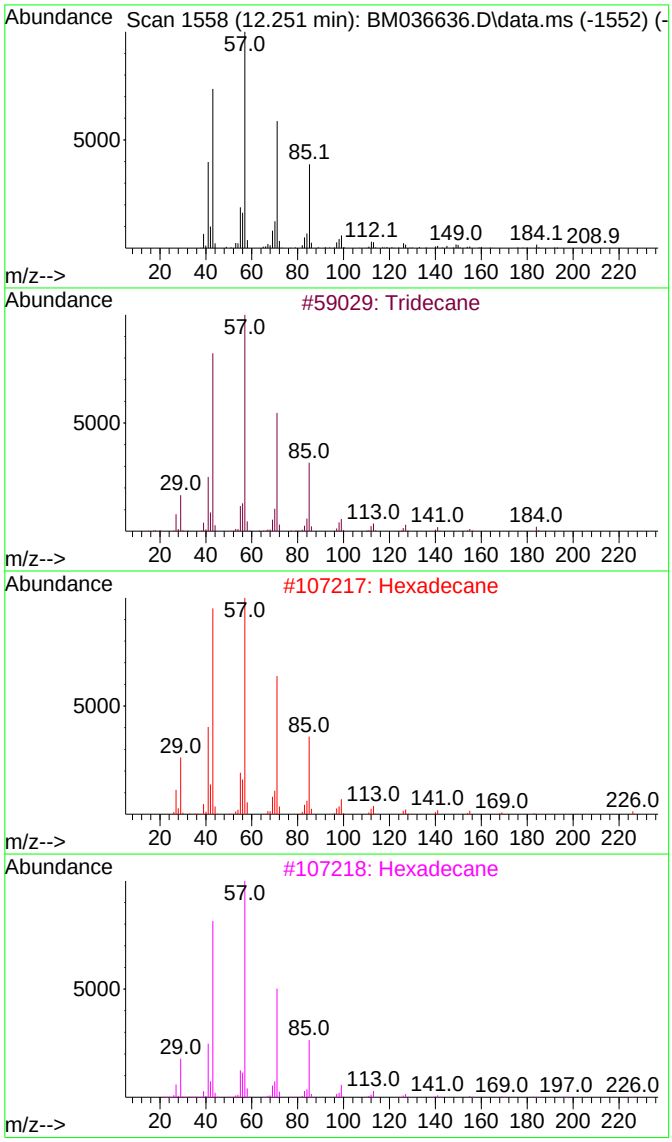
Quant Title : SVOA CALIBRATION

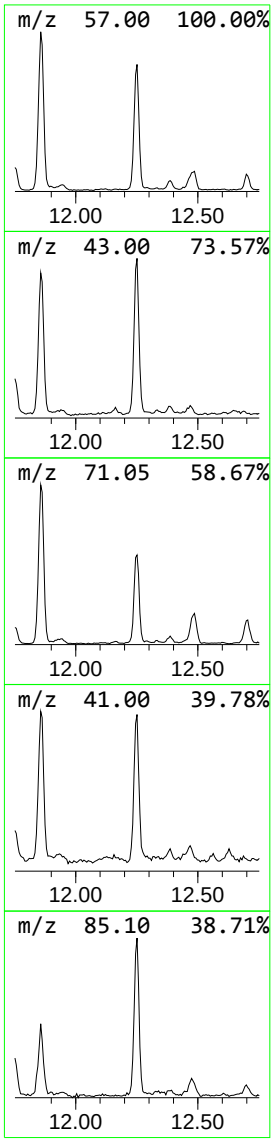
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	2.66 ng/ul	469690	Naphthalene-d8	10.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Hexadecane	226	C16H34	000544-76-3	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	Decane, 3-bromo-	220	C10H21Br	030571-71-2	80
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64





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Sample : N4605-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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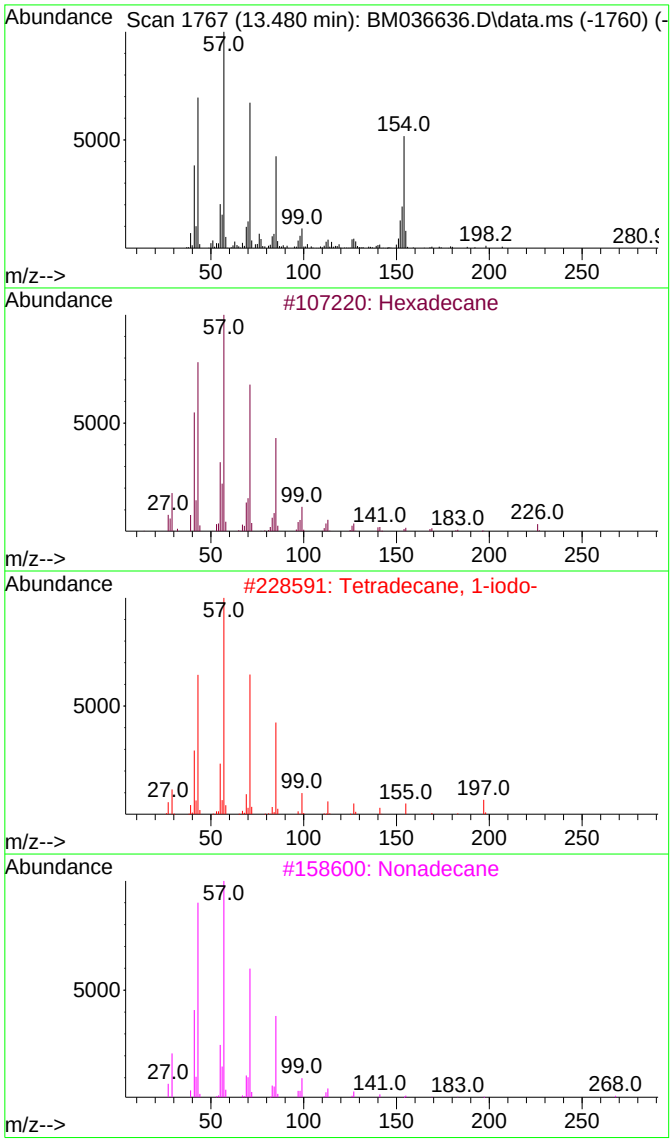
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

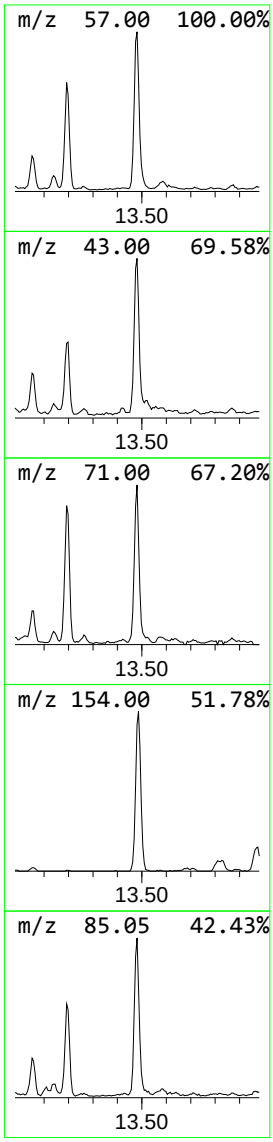
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.480	3.30 ng/ul	784244	Acenaphthene-d10	14.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	55
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	49
3	Nonadecane	268	C19H40	000629-92-5	49
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	46
5	Tetradecane	198	C14H30	000629-59-4	46





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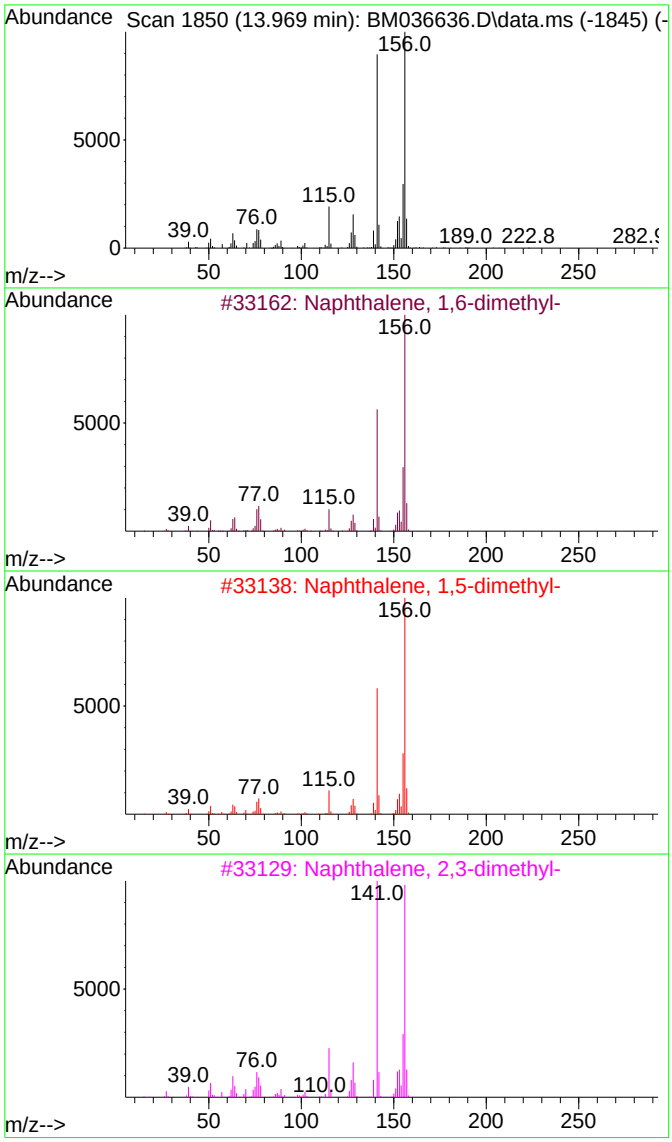
Quant Title : SVOA CALIBRATION

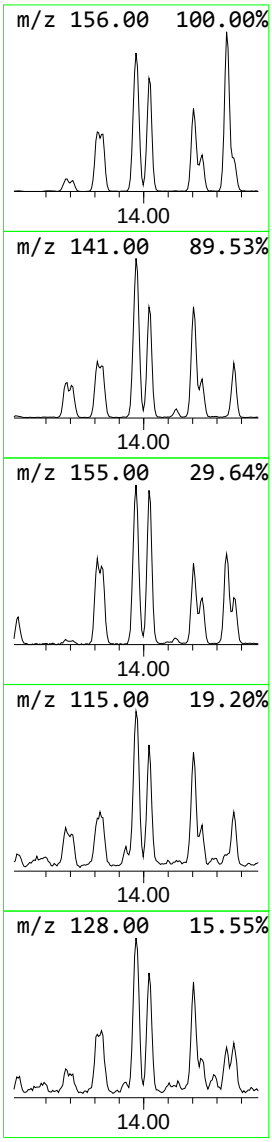
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.969	4.10 ng/ul	974348	Acenaphthene-d10	14.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





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ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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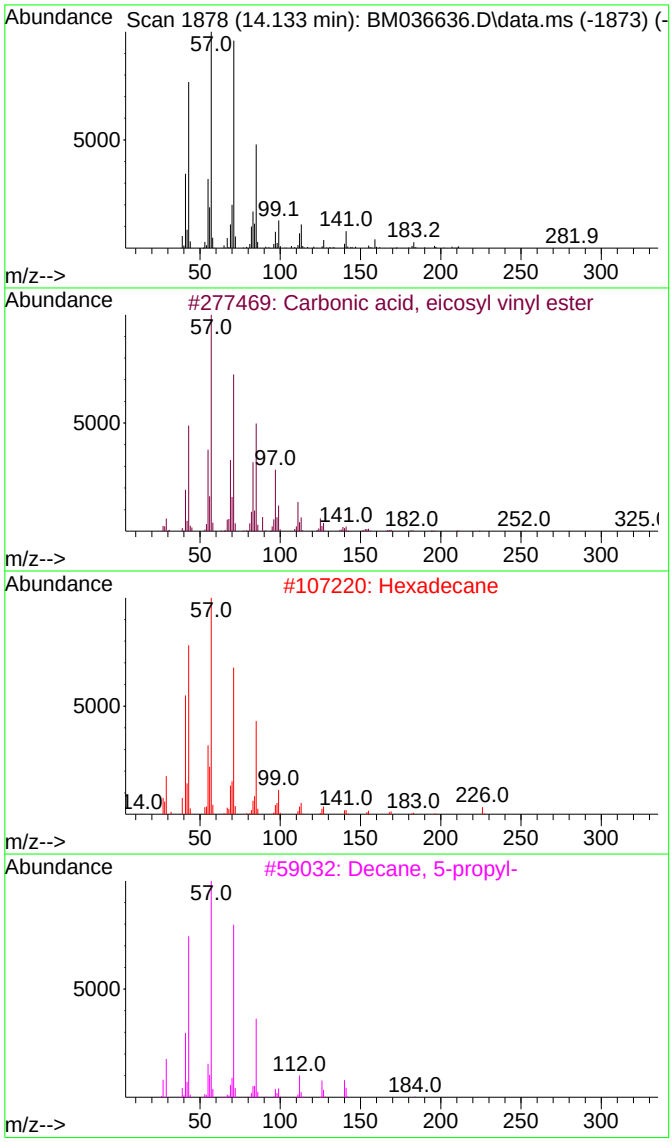
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

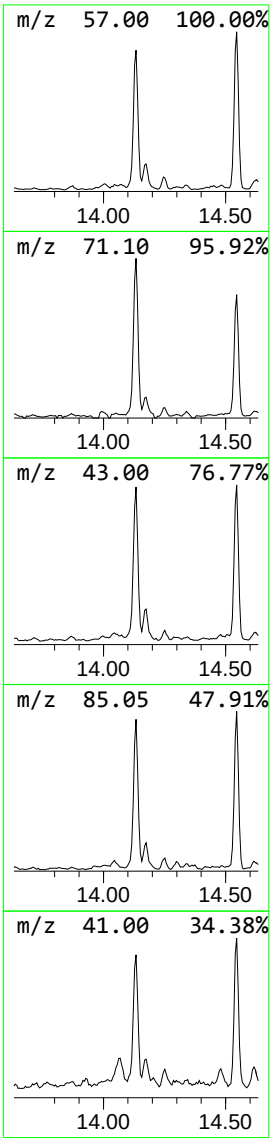
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Carbonic acid, eicosyl viny... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.133	2.85 ng/ul	679012	Acenaphthene-d10	14.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Decane, 5-propyl-	184	C13H28	017312-62-8	81
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	76
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72





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Quant Title : SVOA CALIBRATION

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

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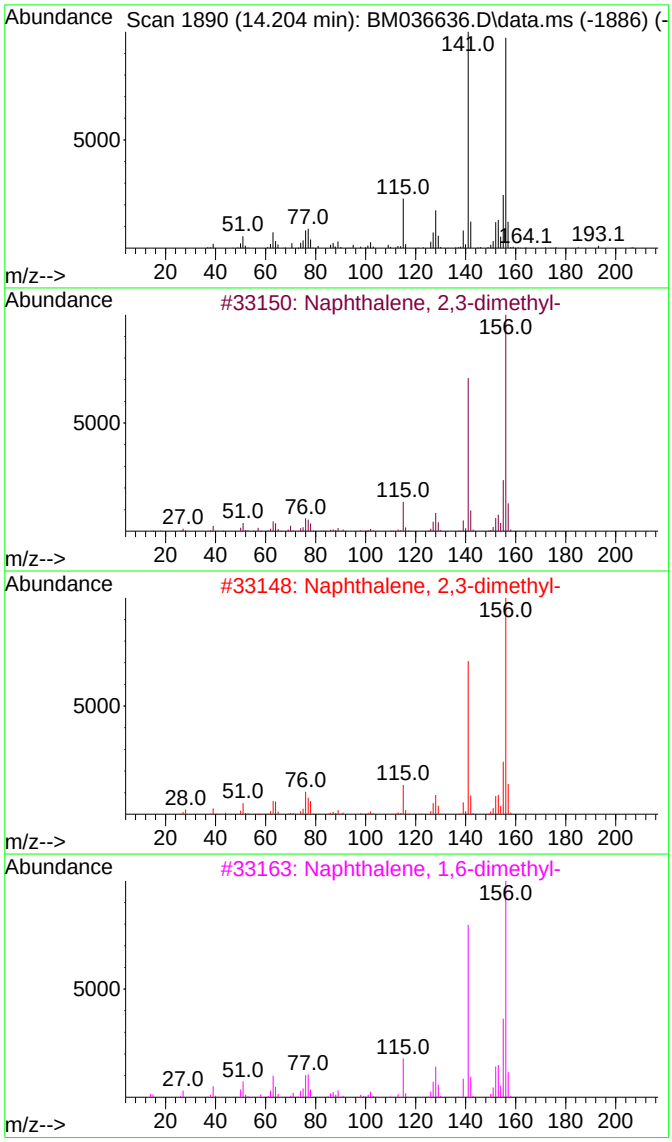
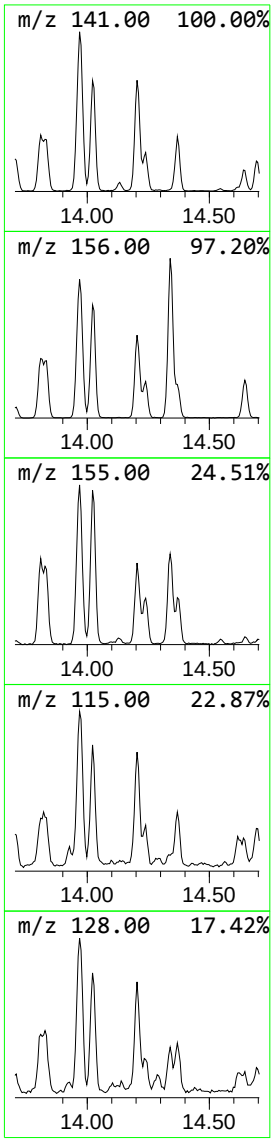
Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.204	2.40 ng/ul	570658	Acenaphthene-d10	14.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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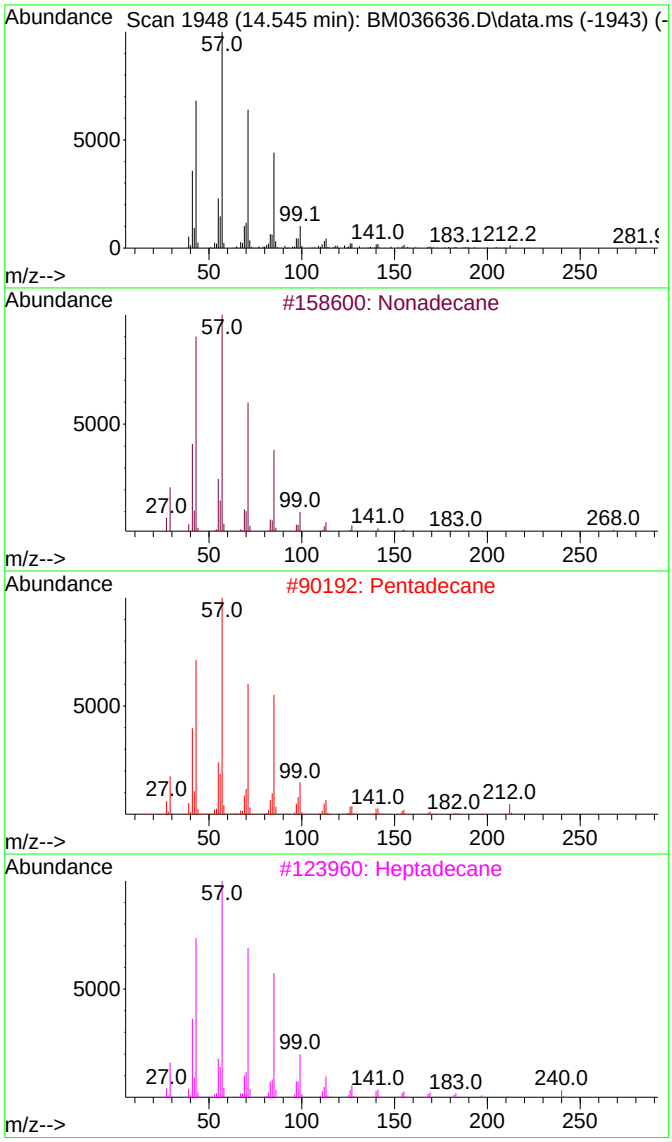
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

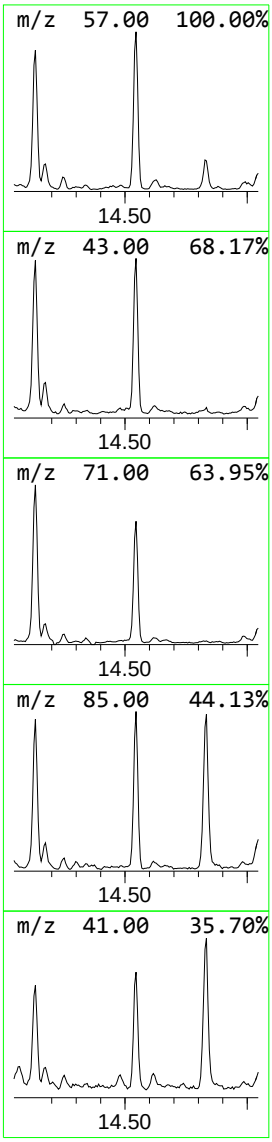
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.545	2.51 ng/ul	596355	Acenaphthene-d10	14.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Tetradecane	198	C14H30	000629-59-4	86





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Operator : CG/JU
Sample : N4605-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

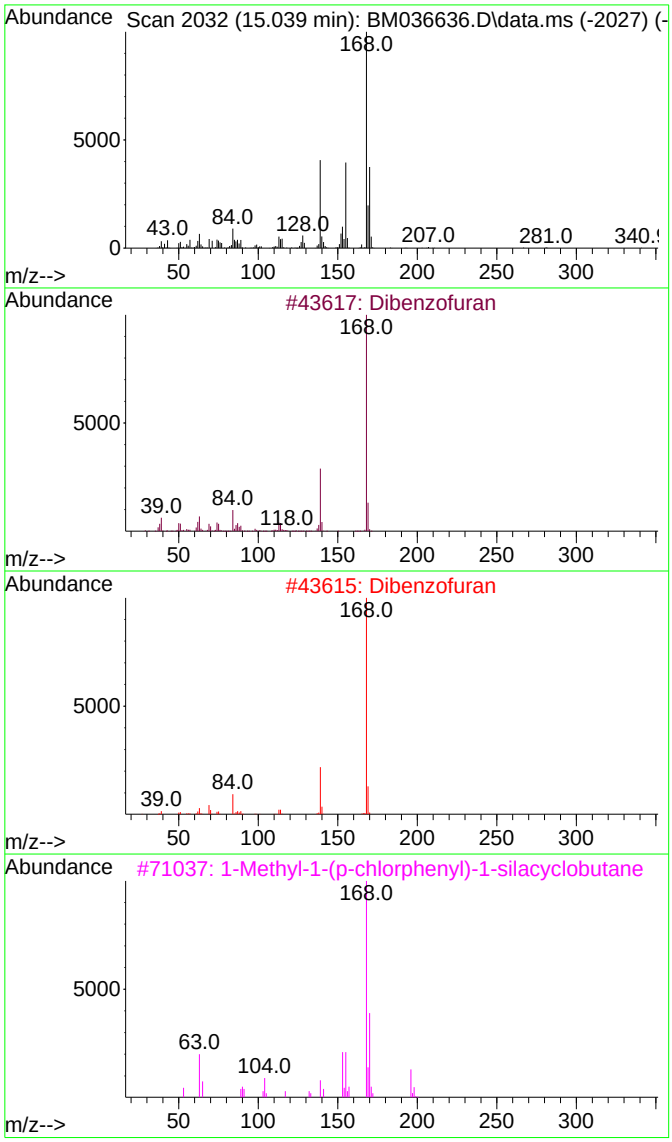
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

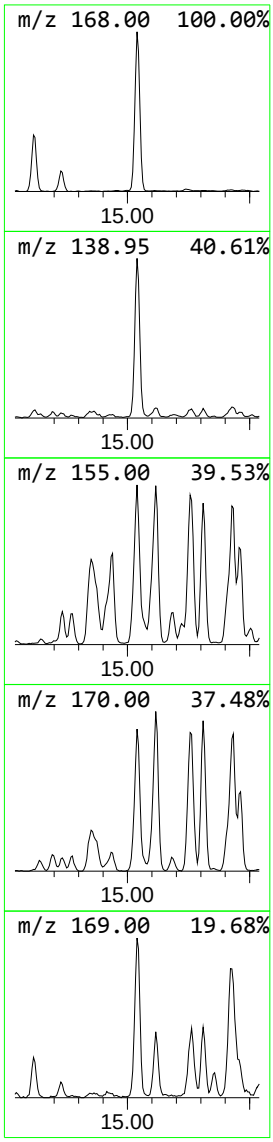
****

Peak Number 12 Dibenzo furan Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.039	3.89 ng/ul	924103	Acenaphthene-d10	14.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	60
2	Dibenzofuran	168	C12H8O	000132-64-9	47
3	1-Methyl-1-(p-chlorphenyl)-1-sil...	196	C10H13ClSi	057465-49-3	38
4	6-Chloro-1,3-benzoxazol-2-amine	168	C7H5ClN2O	052112-68-2	35
5	Pyridine, 2-(phenylmethyl)-	169	C12H11N	000101-82-6	35





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ClientSampleId :
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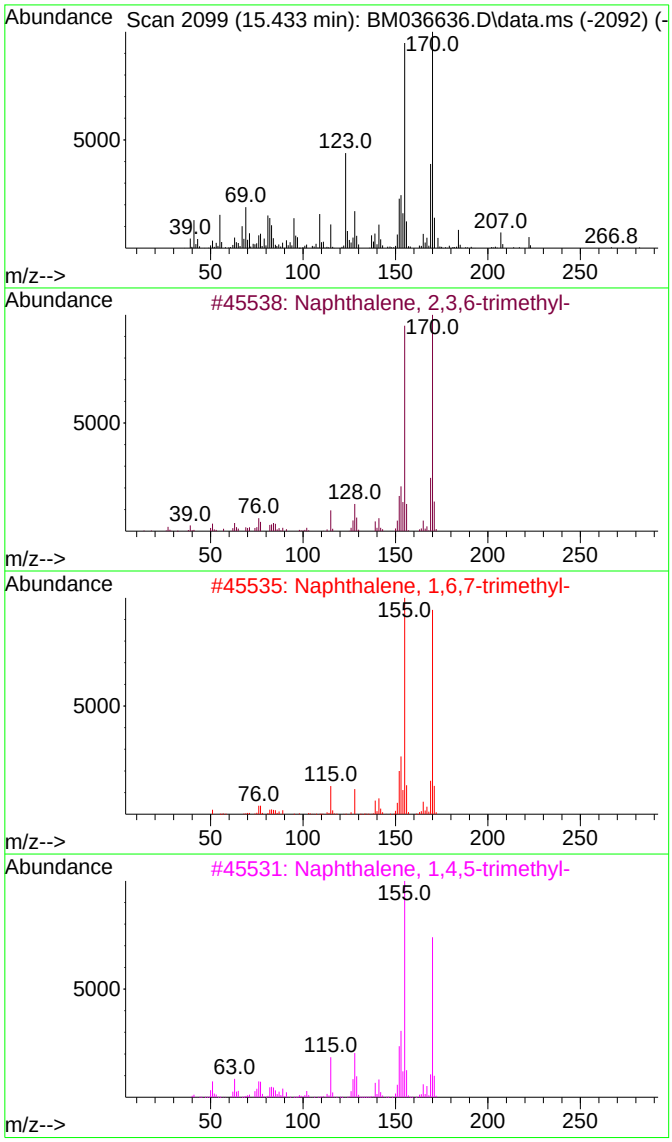
Quant Title : SVOA CALIBRATION

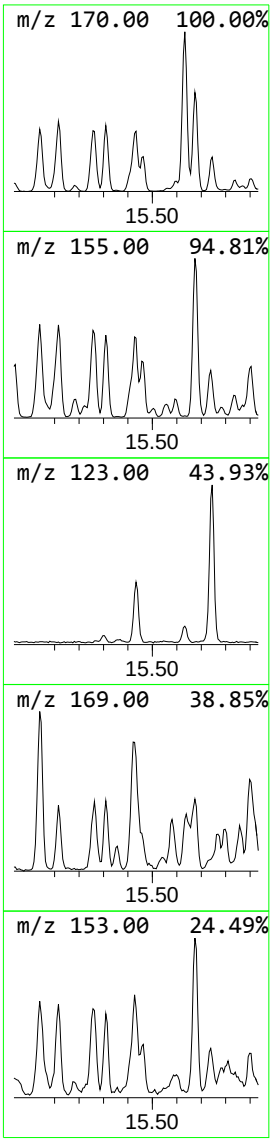
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.433	2.73 ng/ul	649575	Acenaphthene-d10	14.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	92
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89





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ClientSampleId :
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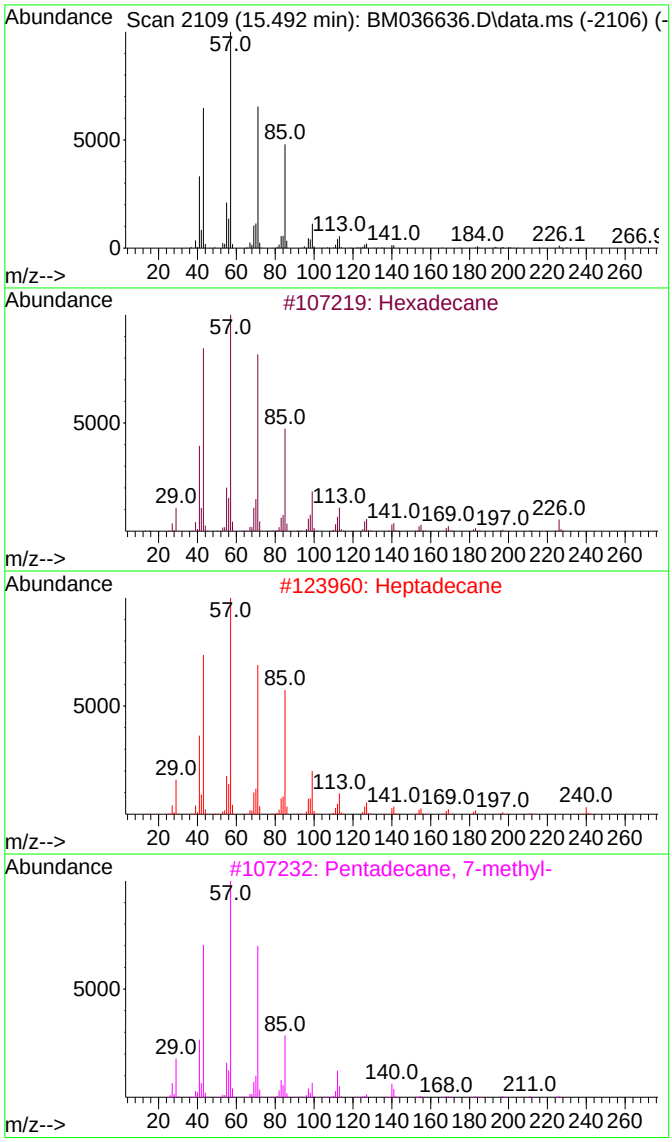
Quant Title : SVOA CALIBRATION

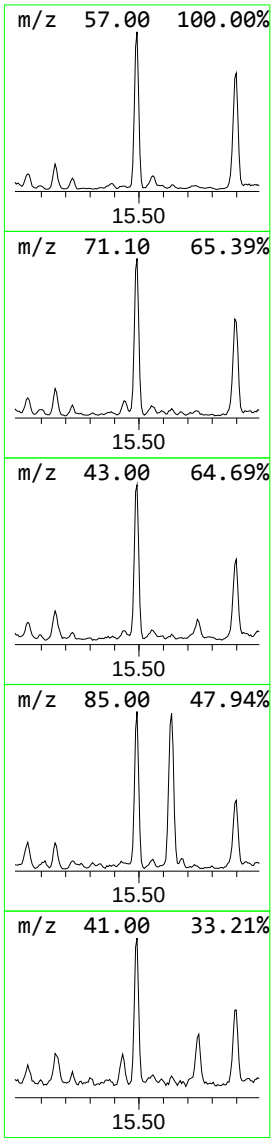
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.492	2.24 ng/ul	531619	Acenaphthene-d10	14.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Heptadecane	240	C17H36	000629-78-7	91
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81
4	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	80
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	72





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ALS Vial : 21 Sample Multiplier: 1

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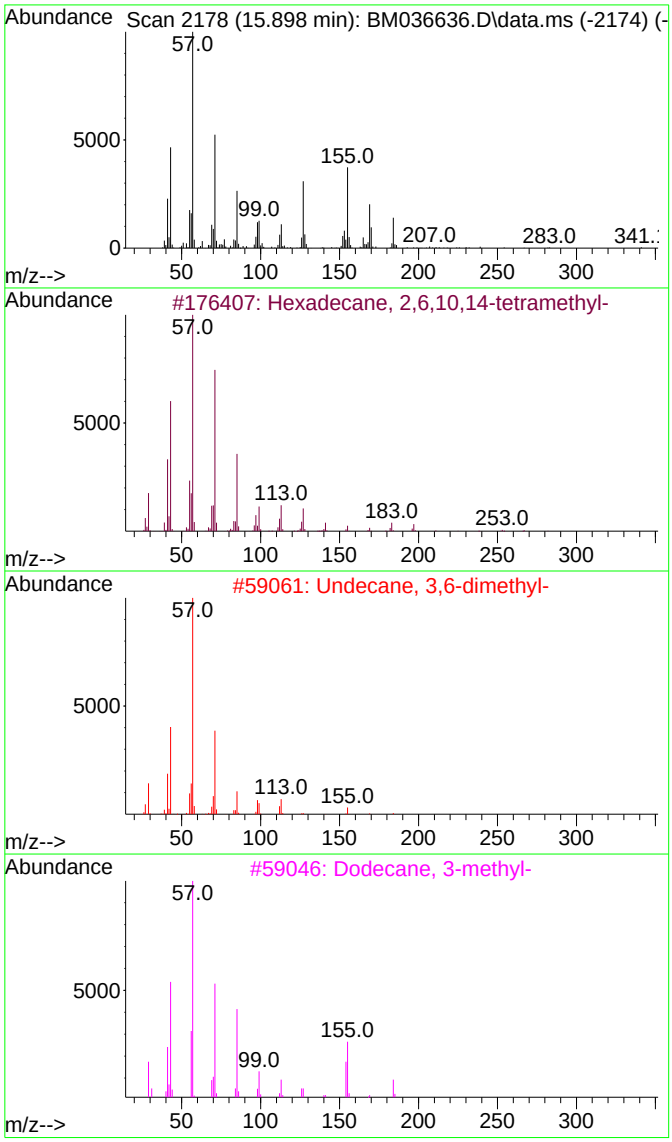
Quant Title : SVOA CALIBRATION

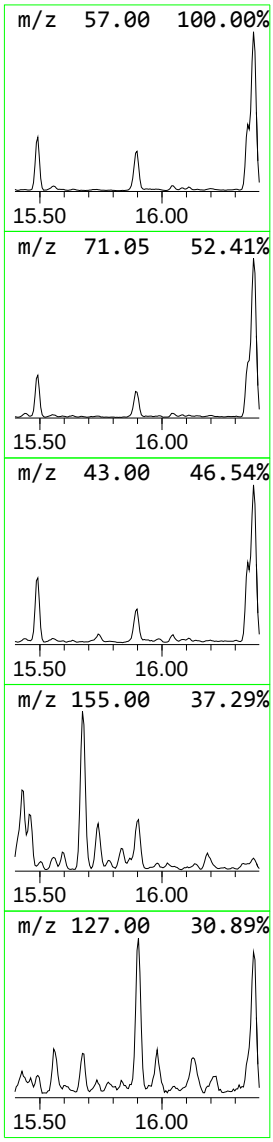
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.898	2.48 ng/ul	590887	Acenaphthene-d10	14.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	60
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	58
4	Docosane	310	C22H46	000629-97-0	46
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	43





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Quant Title : SVOA CALIBRATION

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

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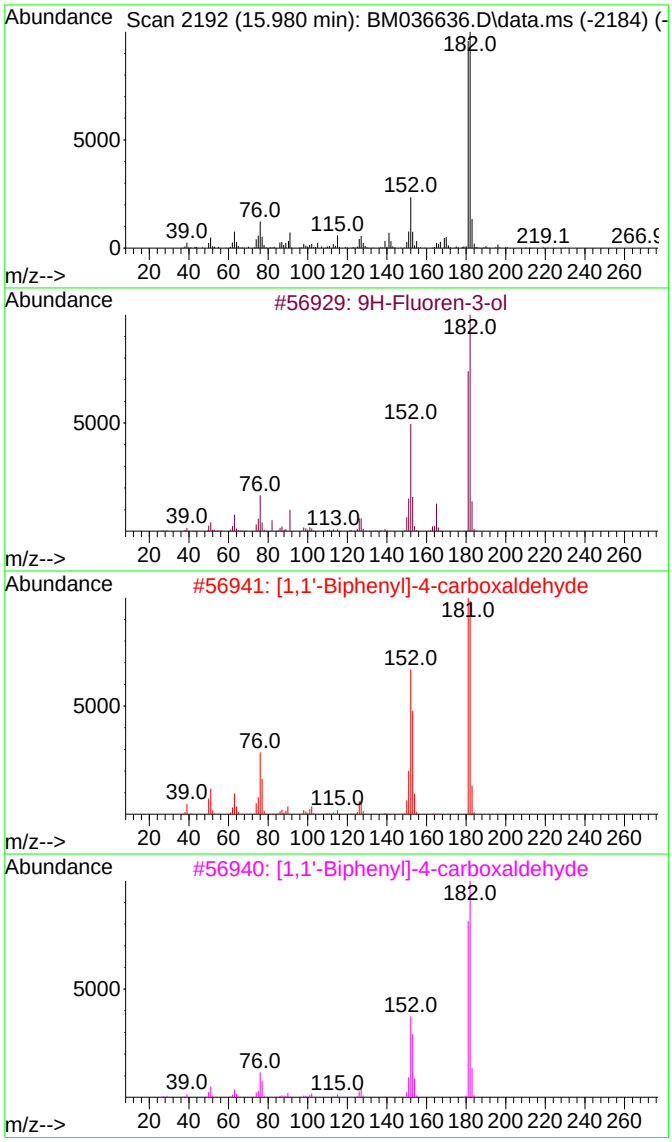
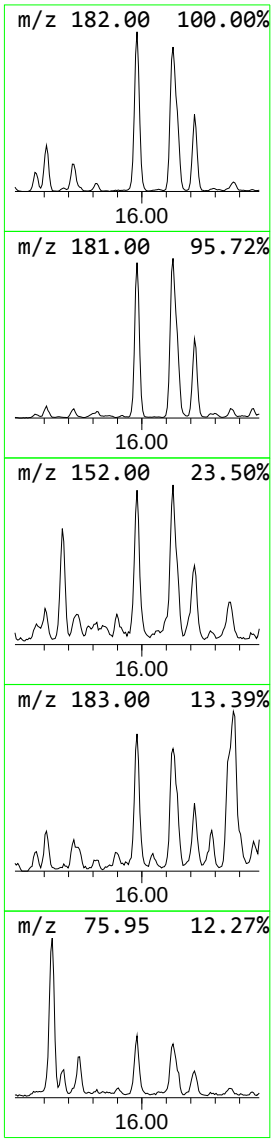
Peak Number 16 9H-Fluoren-3-ol Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.980	3.07 ng/ul	731038	Acenaphthene-d10	14.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72





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ALS Vial : 21 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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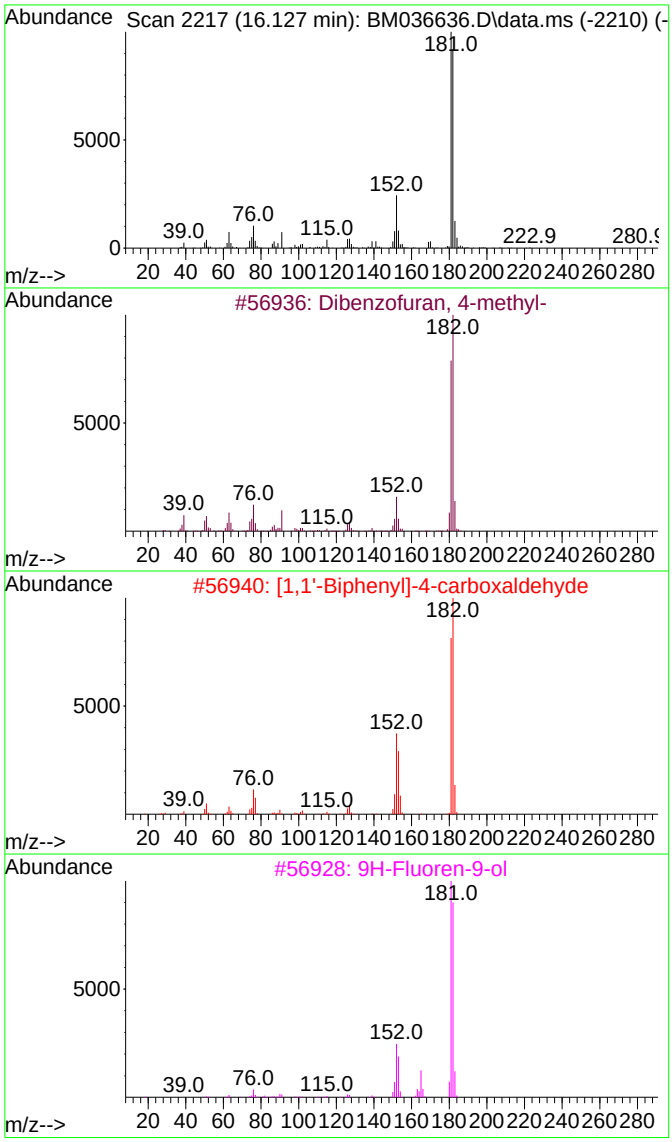
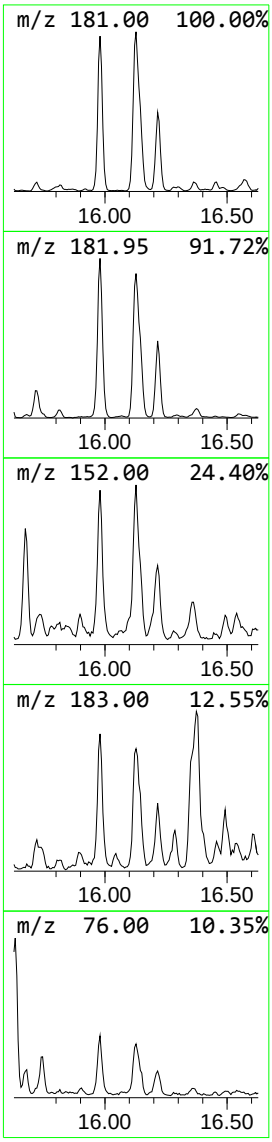
Peak Number 17 Dibenzofuran, 4-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.127	3.62 ng/ul	933377	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	83
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





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Misc :
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ClientSampleId :
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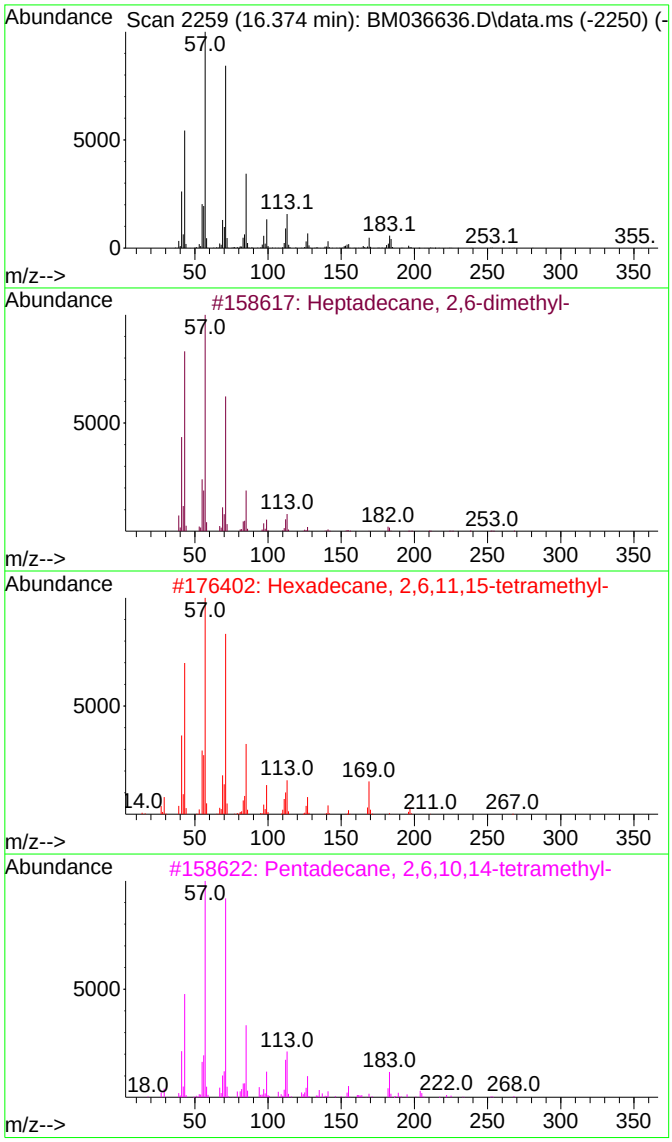
Quant Title : SVOA CALIBRATION

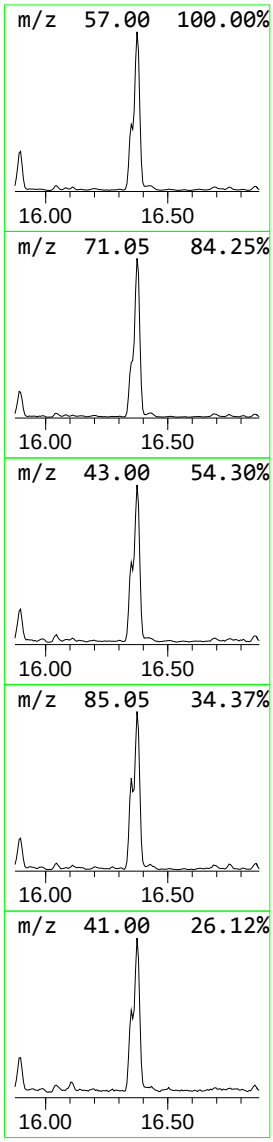
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.374	11.77 ng/ul	3032780	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	94
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	91
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
4	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	86
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80





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Quant Title : SVOA CALIBRATION

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

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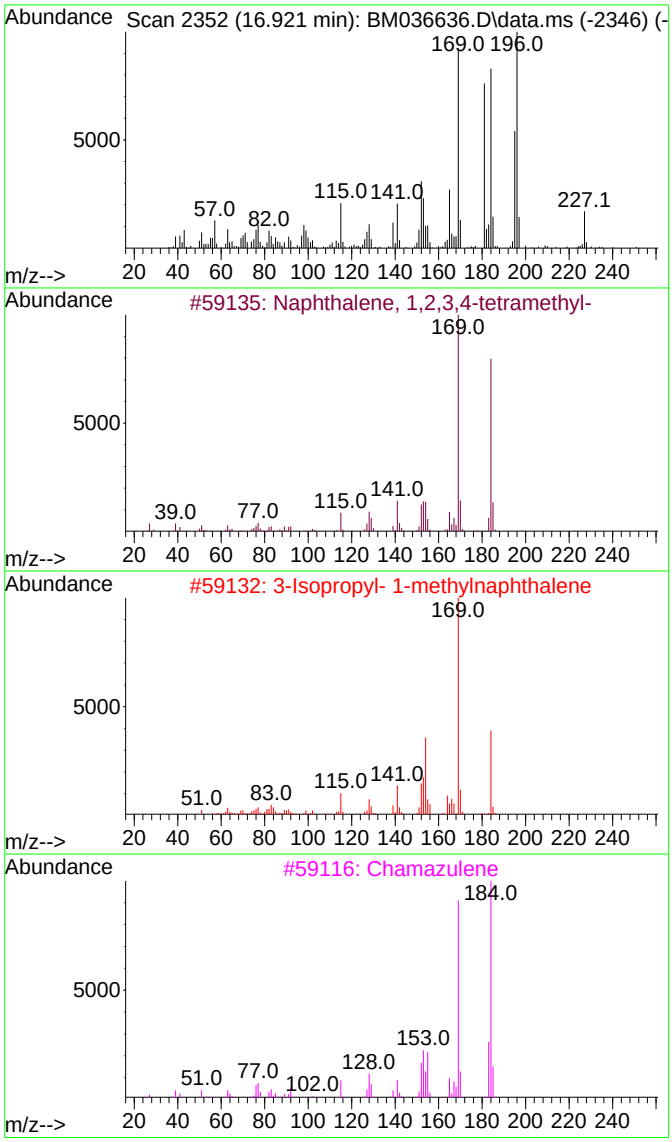
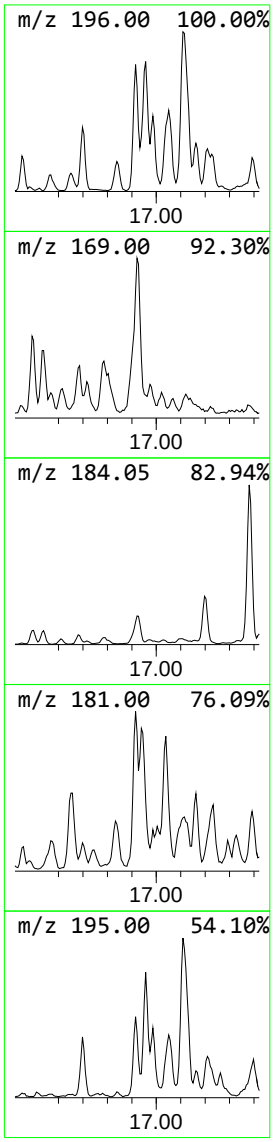
Peak Number 19 unknown-01 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.921	2.74 ng/ul	706742	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	46
2	3-Isopropyl- 1-methylnaphthalene	184	C14H16	1000383-71-4	46
3	Chamazulene	184	C14H16	000529-05-5	46
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	46
5	1,6-Dimethyl- 3-ethylnaphthalene	184	C14H16	1000383-71-8	46





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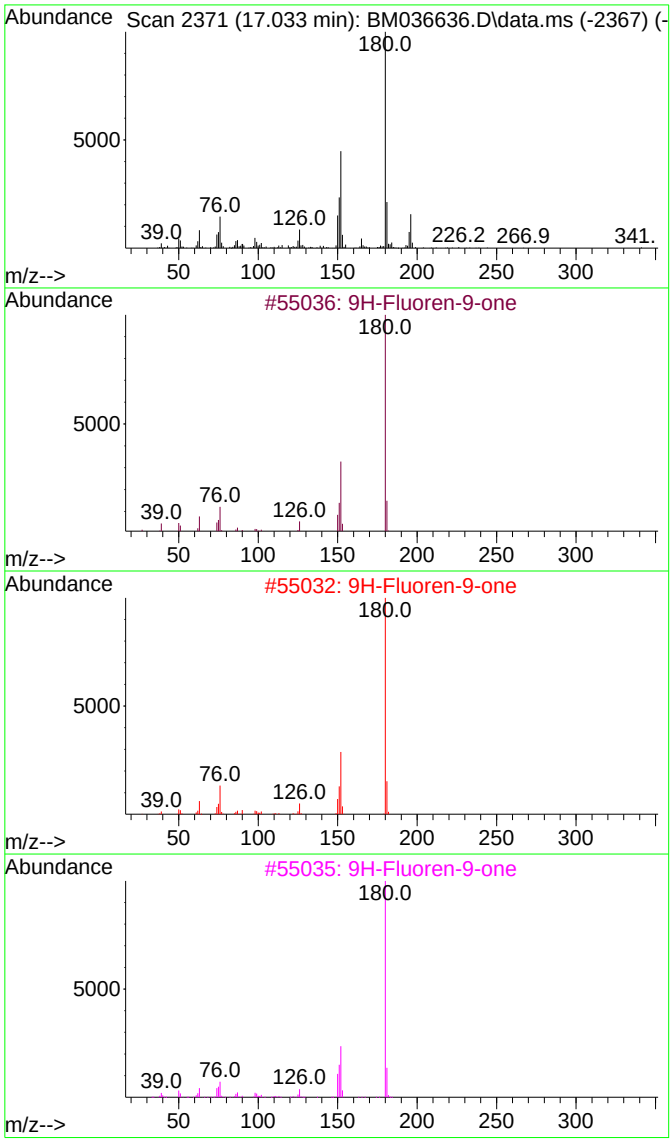
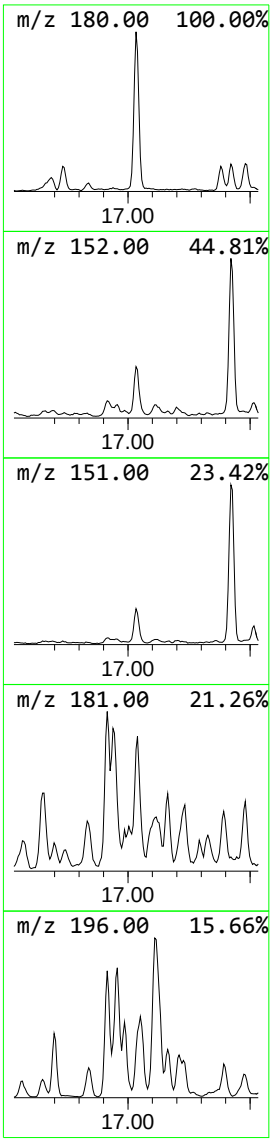
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 9H-Fluoren-9-one Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.033	2.31 ng/ul	594124	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87





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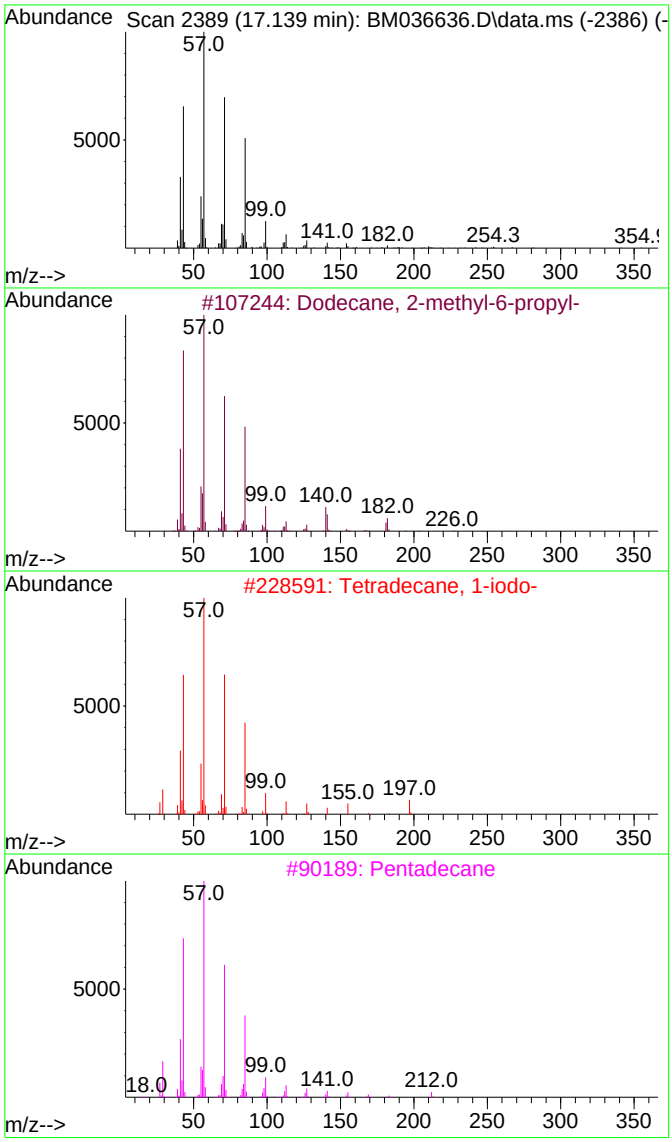
Quant Title : SVOA CALIBRATION

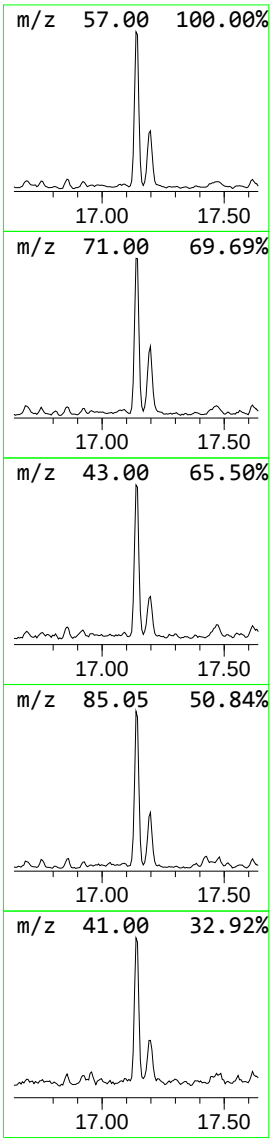
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.139	3.90 ng/ul	1004250	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
3	Pentadecane	212	C15H32	000629-62-9	74
4	Heneicosane	296	C21H44	000629-94-7	72
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72





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Quant Title : SVOA CALIBRATION

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

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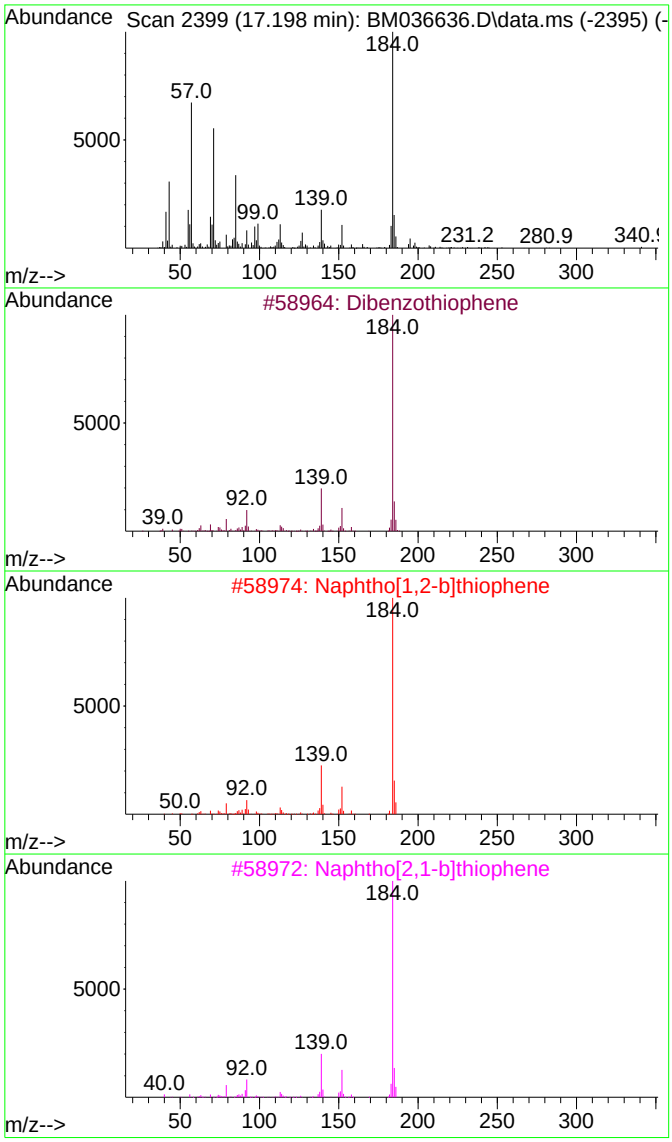
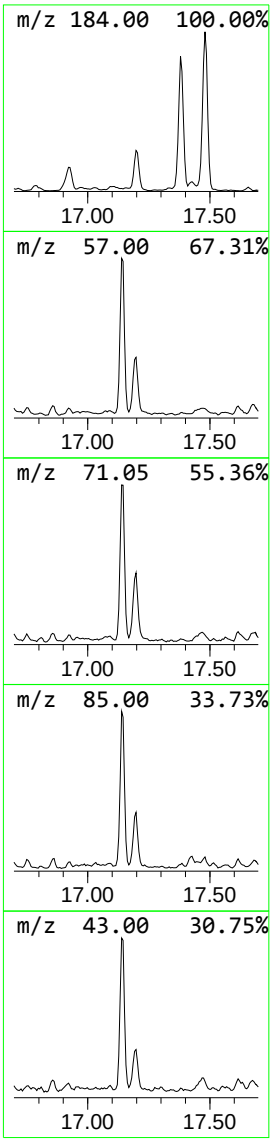
Peak Number 22 Dibenzothiophene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.198	2.80 ng/ul	721964	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	89
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	89
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	78
4	Dibenzothiophene	184	C12H8S	000132-65-0	78
5	Dibenzothiophene	184	C12H8S	000132-65-0	60





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Quant Title : SVOA CALIBRATION

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

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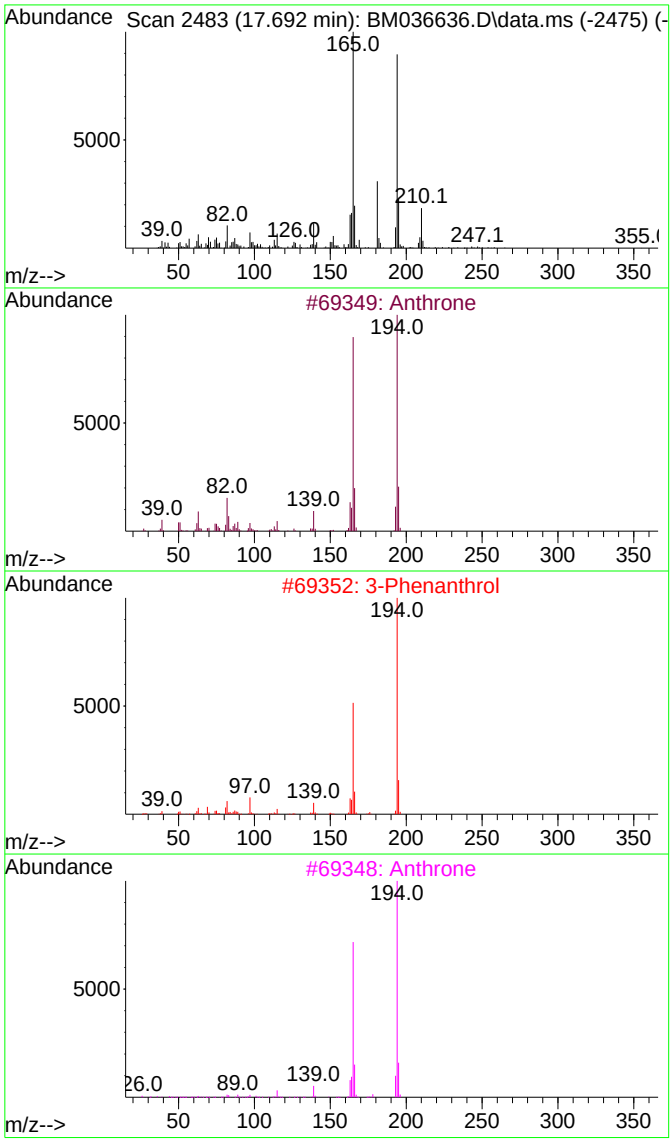
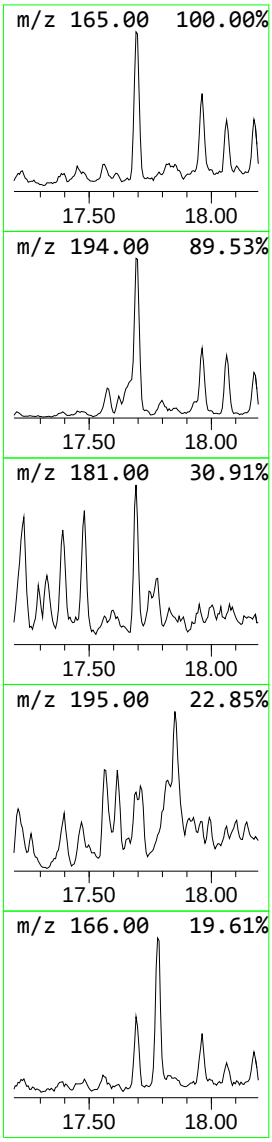
Peak Number 23 Anthrone Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.692	2.19 ng/ul	565150	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	91
2	3-Phenanthrol	194	C14H10O	000605-87-8	90
3	Anthrone	194	C14H10O	000090-44-8	87
4	Anthrone	194	C14H10O	000090-44-8	87
5	Anthrone	194	C14H10O	000090-44-8	87





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ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
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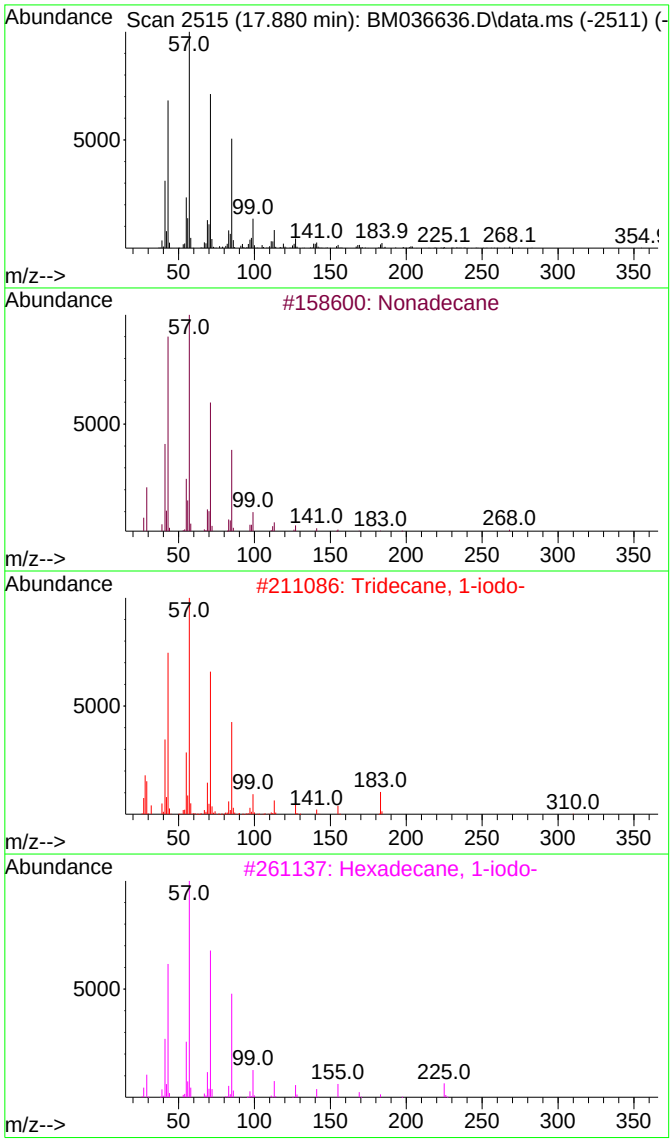
Quant Title : SVOA CALIBRATION

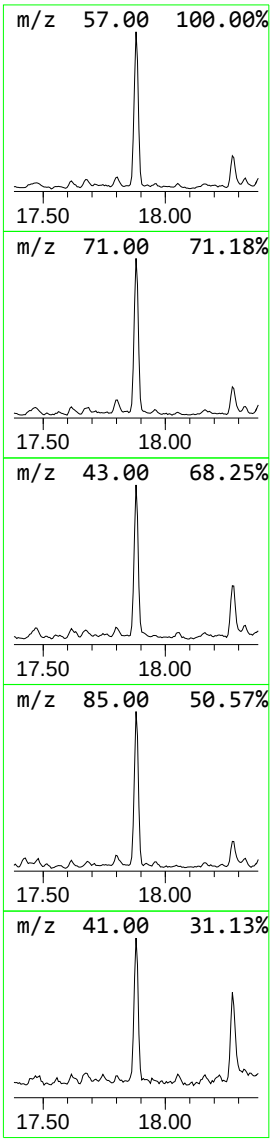
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.880	3.55 ng/ul	914509	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	87
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86





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

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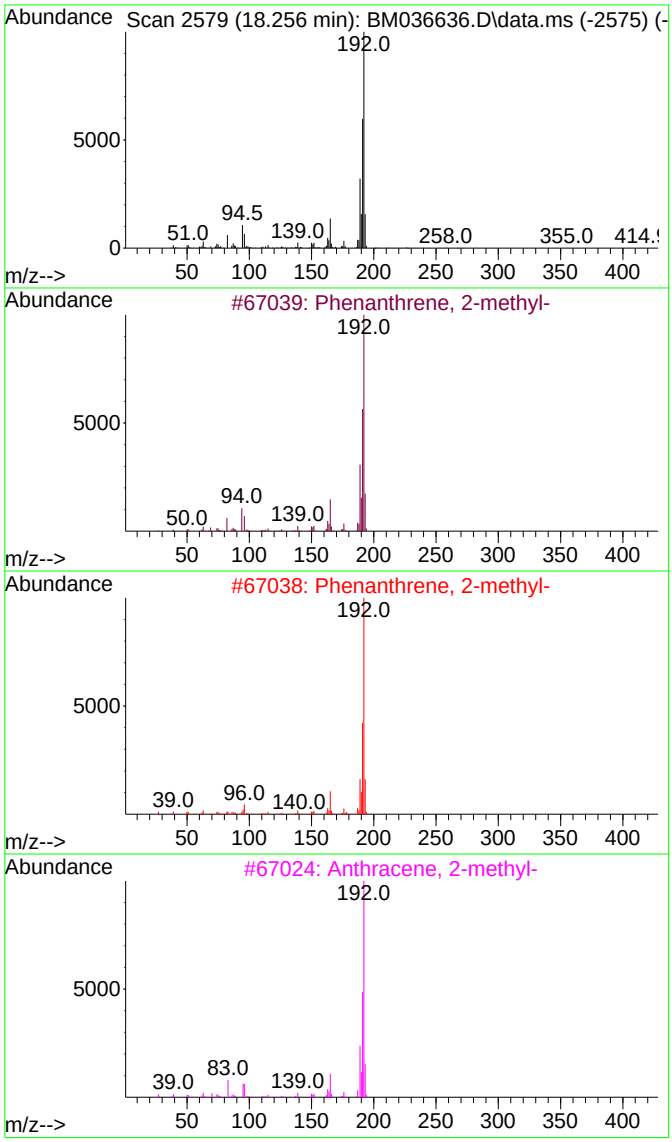
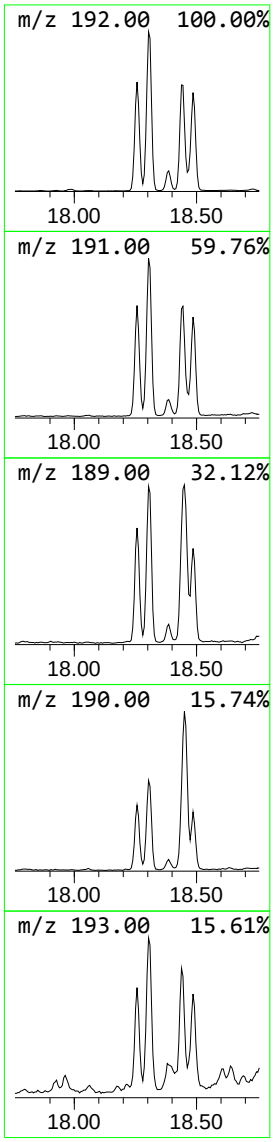
Peak Number 25 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.256	6.67 ng/ul	1718110	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





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Quant Title : SVOA CALIBRATION

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

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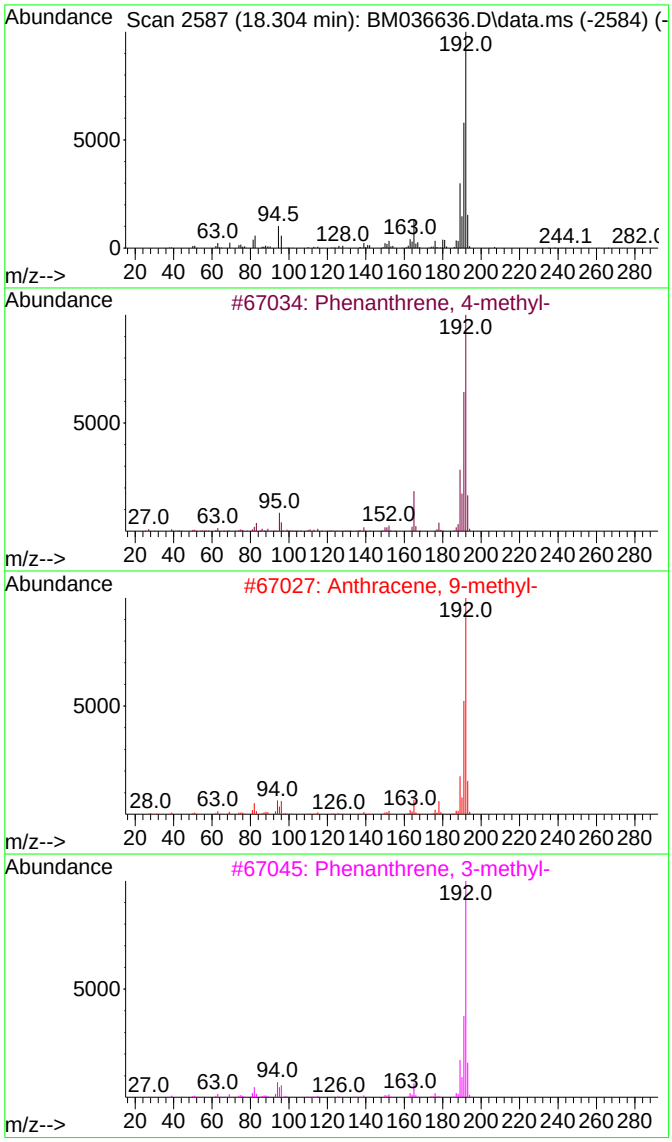
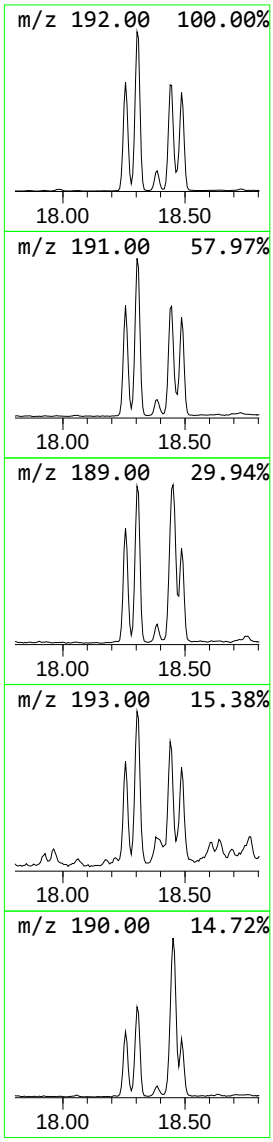
Peak Number 26 Phenanthrene, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.304	7.49 ng/ul	1929170	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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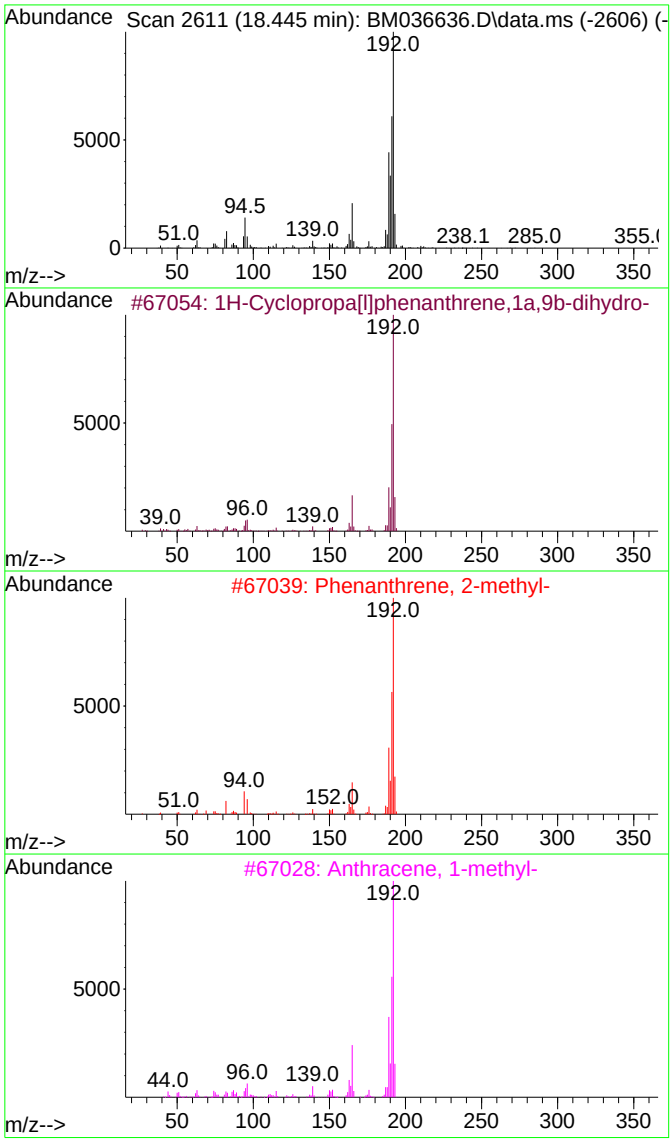
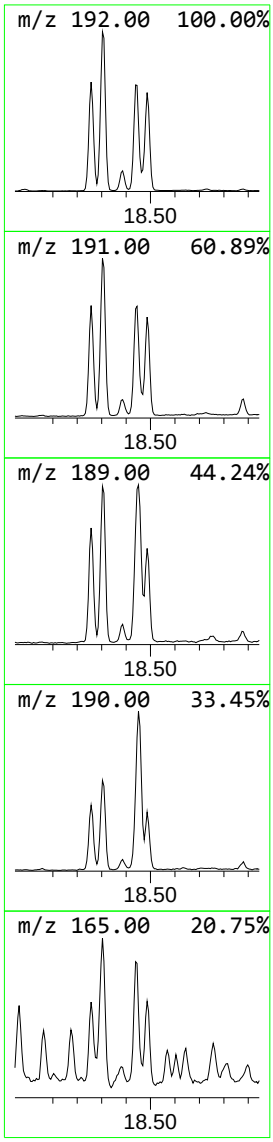
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.445	5.85 ng/ul	1507490	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83





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ClientSampleId :
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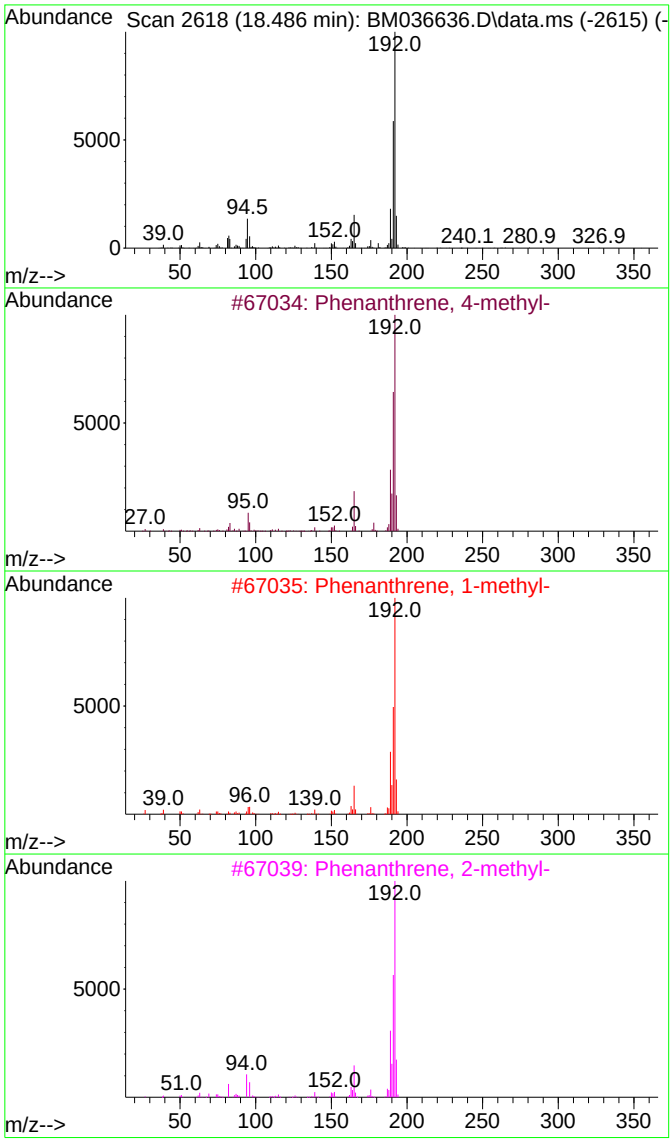
Quant Title : SVOA CALIBRATION

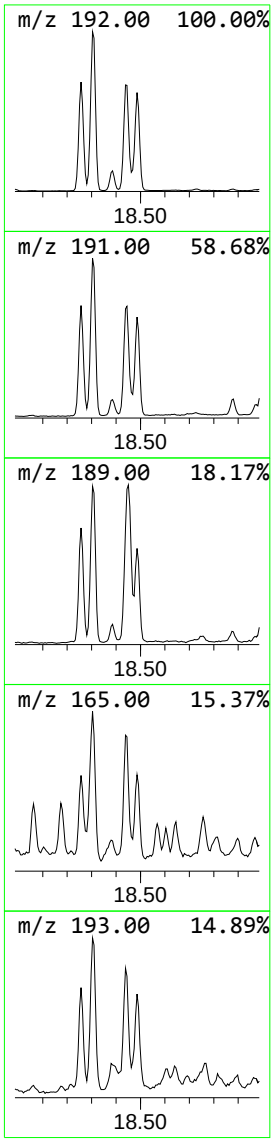
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.486	3.84 ng/ul	989686	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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Sample : N4605-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5746

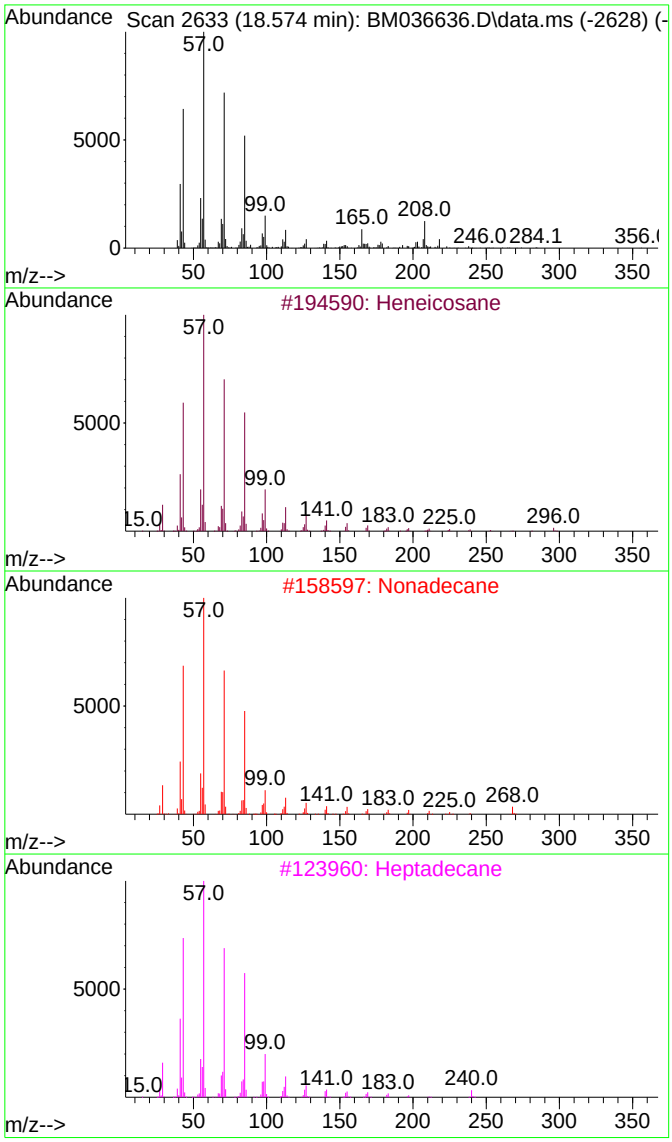
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

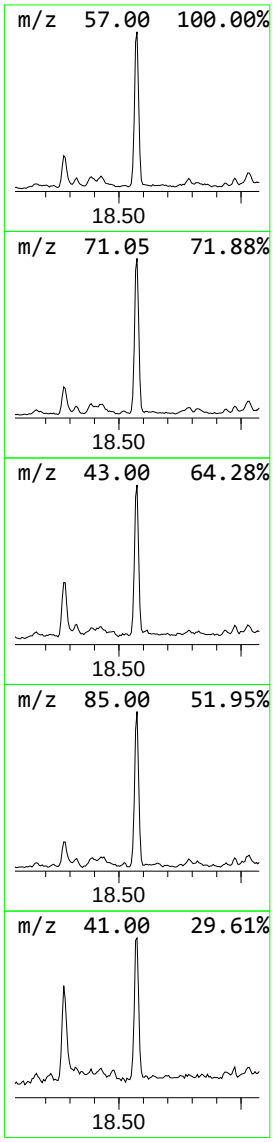
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.574	3.69 ng/ul	950500	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	74
2	Nonadecane	268	C19H40	000629-92-5	74
3	Heptadecane	240	C17H36	000629-78-7	74
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5	Hexadecane	226	C16H34	000544-76-3	72





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Acq On : 21 Sep 2022 22:23
Operator : CG/JU
Sample : N4605-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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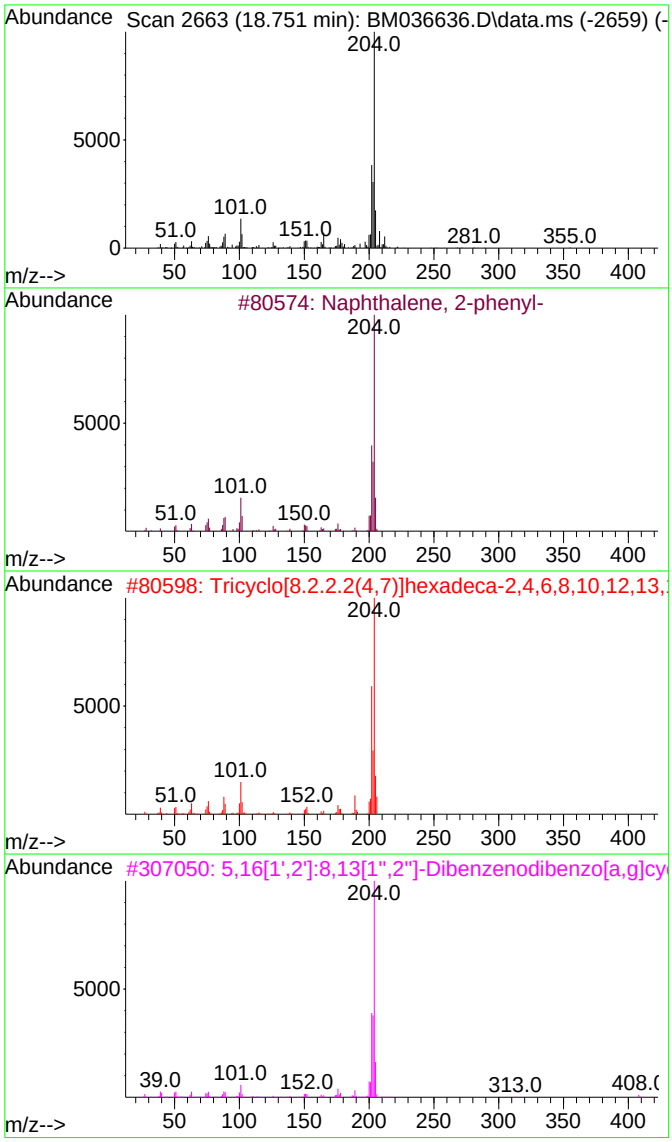
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

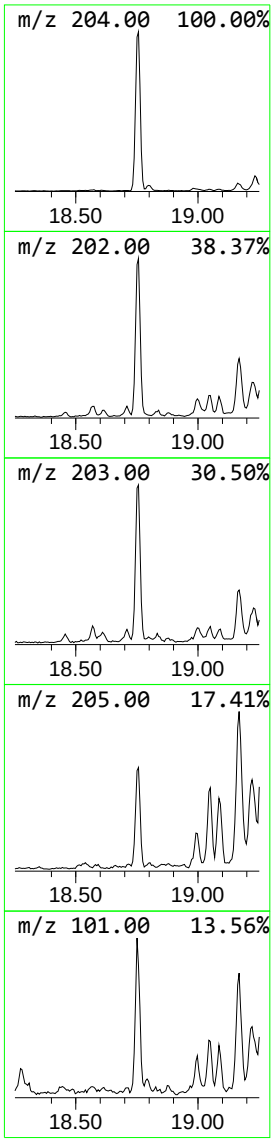
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Naphthalene, 2-phenyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.751	3.34 ng/ul	859680	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





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Operator : CG/JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

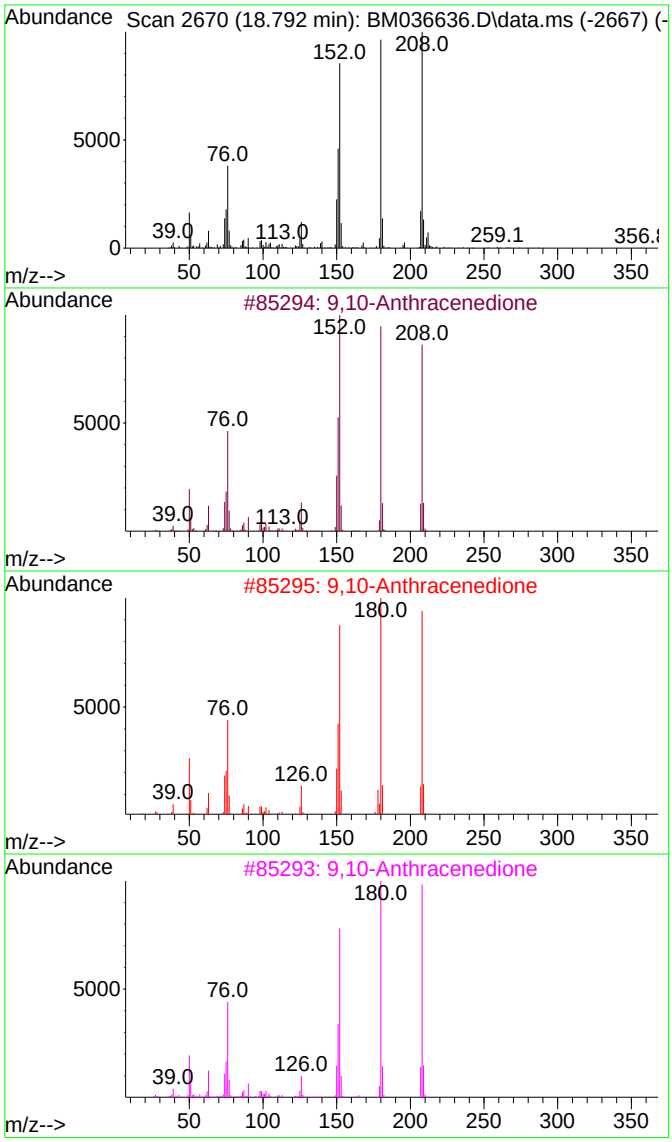
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

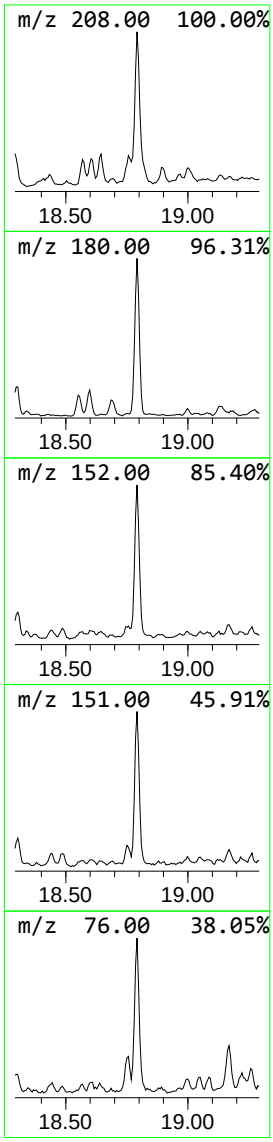
****

Peak Number 31 9,10-Anthracenedione Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.792	3.50 ng/ul	900562	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78





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Operator : CG/JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

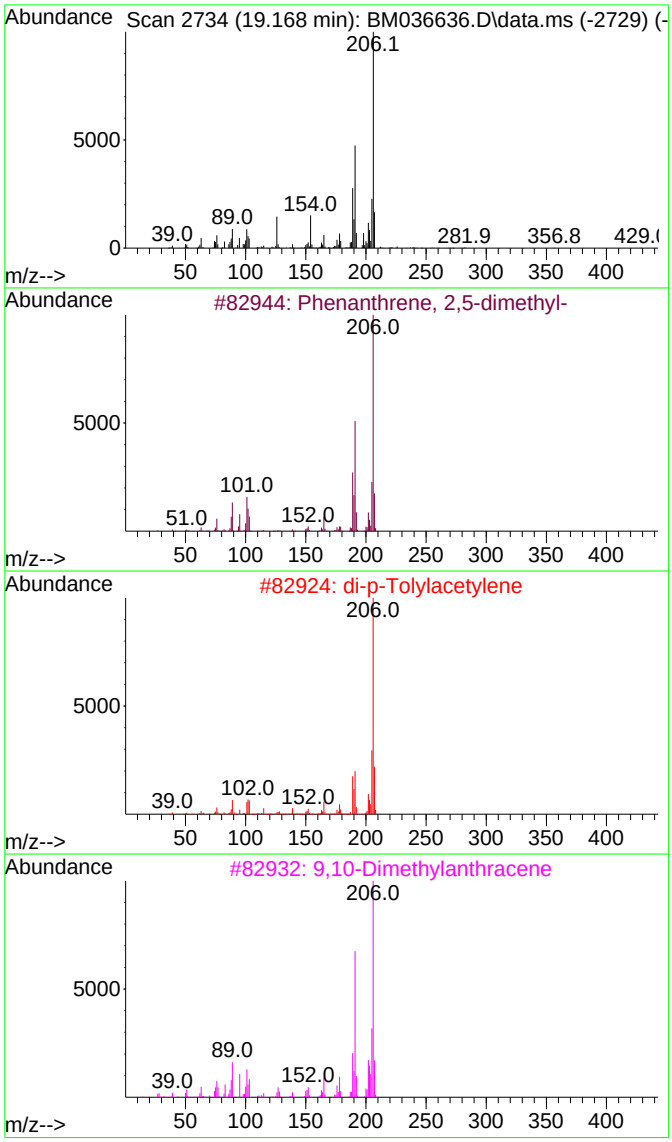
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

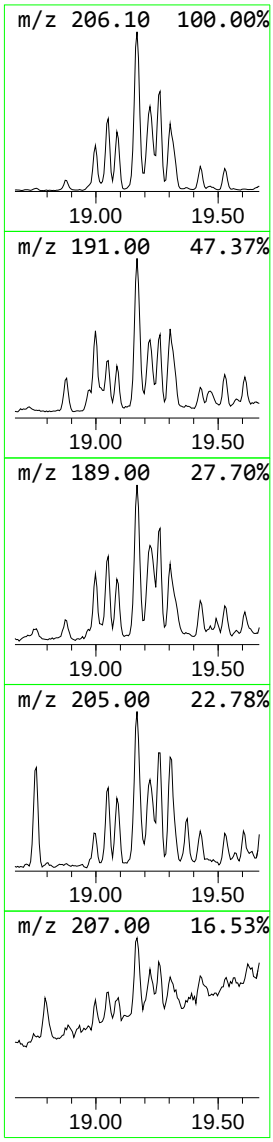
****

Peak Number 32 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.168	4.92 ng/ul	1268350	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	86
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





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Operator : CG/JU
Sample : N4605-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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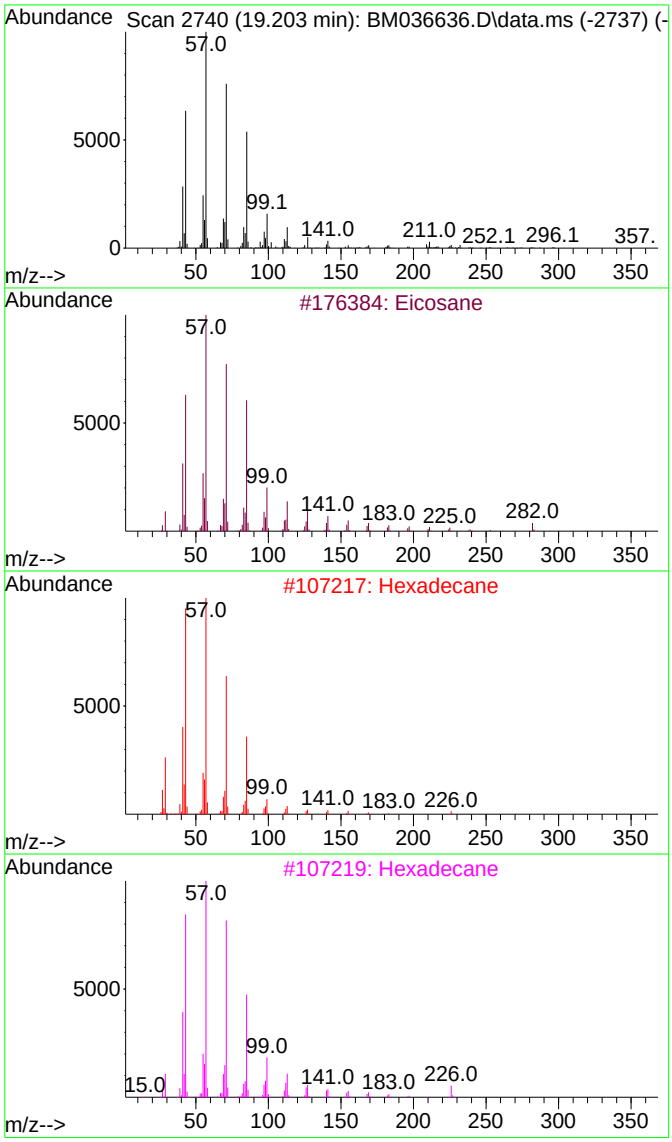
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

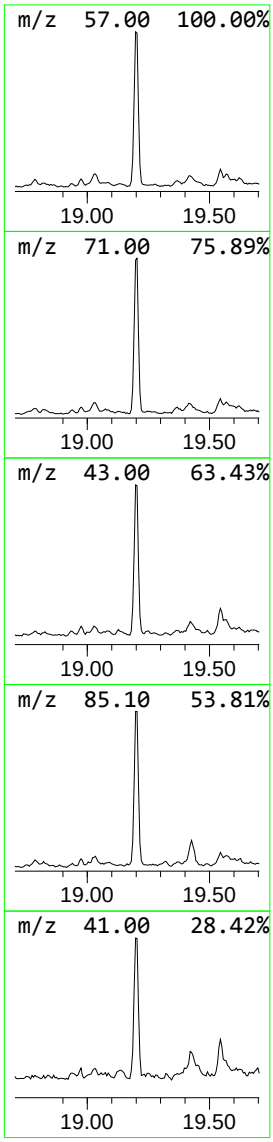
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.203	5.66 ng/ul	1457740	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Hexadecane	226	C16H34	000544-76-3	93
3	Hexadecane	226	C16H34	000544-76-3	93
4	Nonadecane	268	C19H40	000629-92-5	91
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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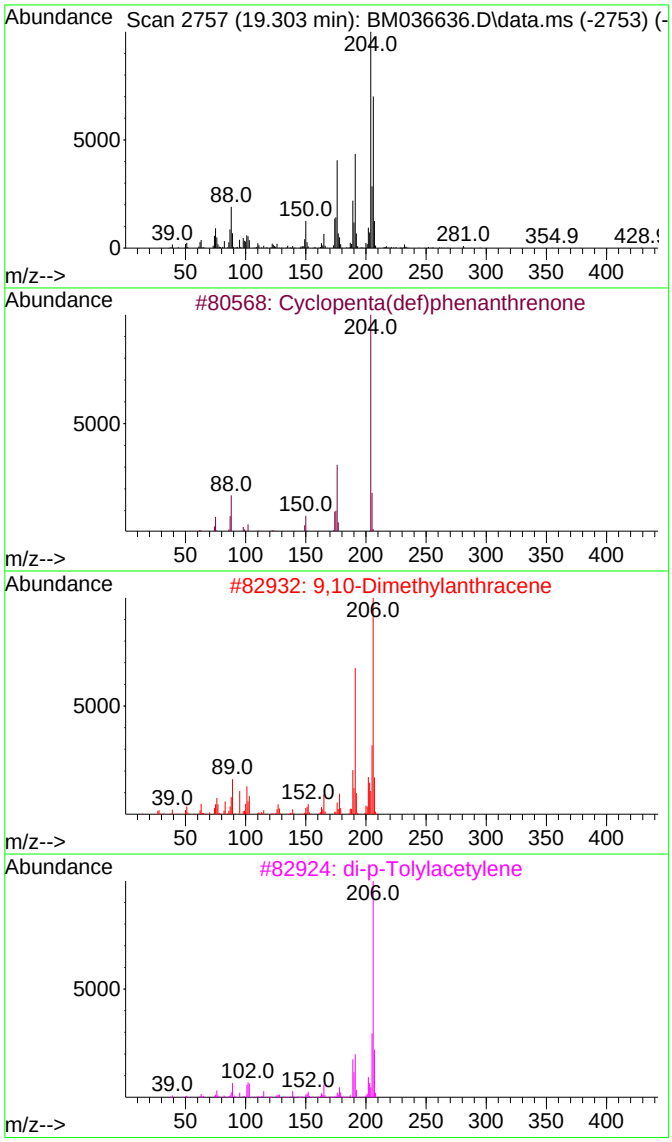
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

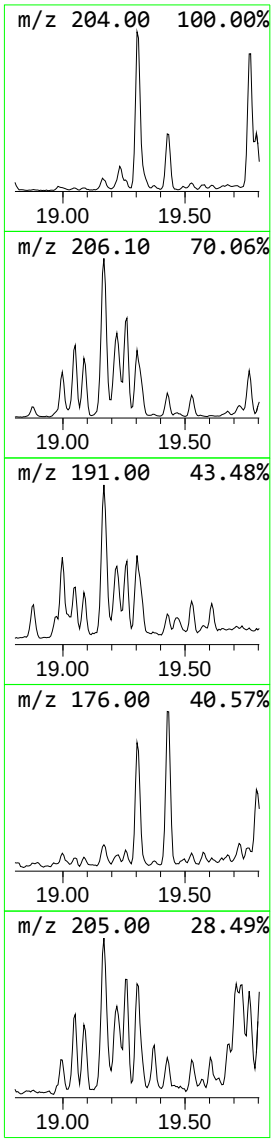
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.304	4.16 ng/ul	1072260	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	81
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	64
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	55
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	55





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Operator : CG/JU
Sample : N4605-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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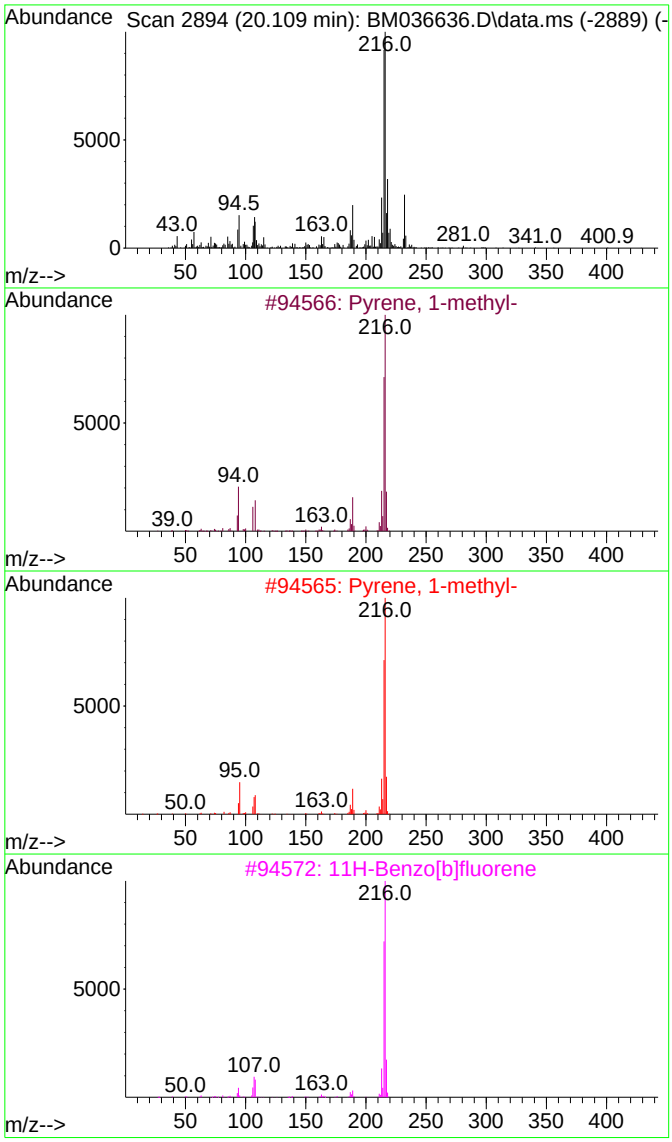
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

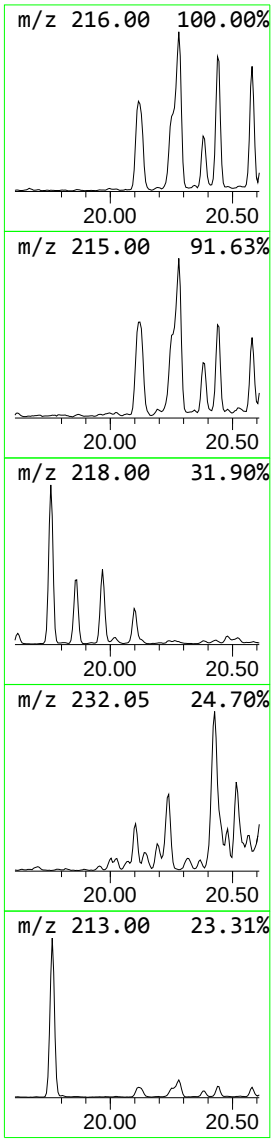
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Pyrene, 1-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.109	3.03 ng/ul	1538960	Chrysene-d12	21.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64





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Sample : N4605-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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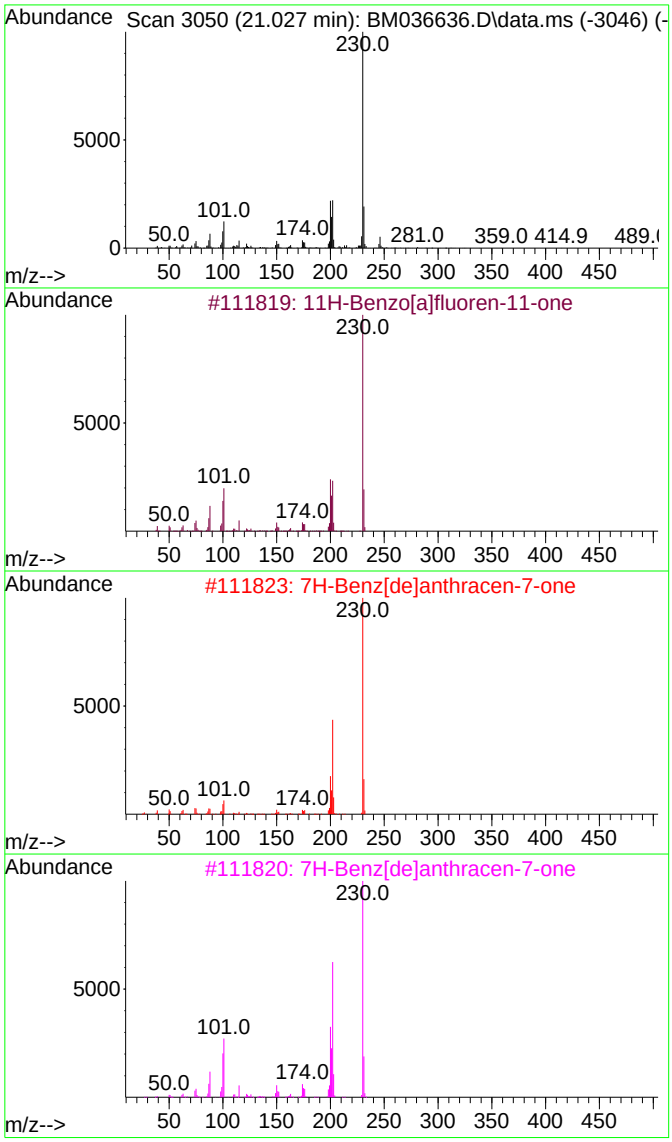
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

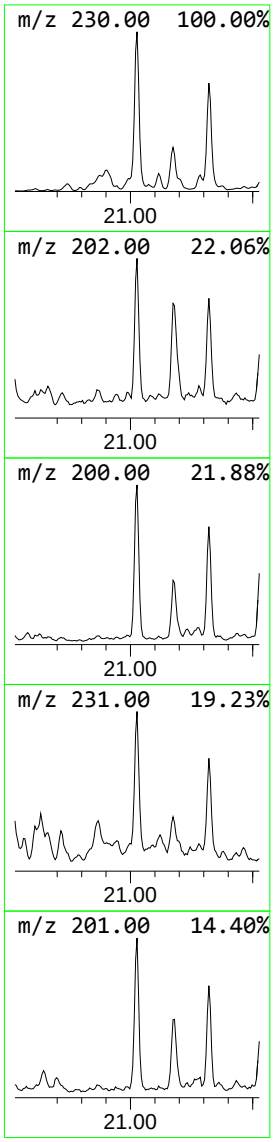
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 11H-Benzo[a]fluoren-11-one Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.027	2.71 ng/ul	1373340	Chrysene-d12	21.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76





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ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
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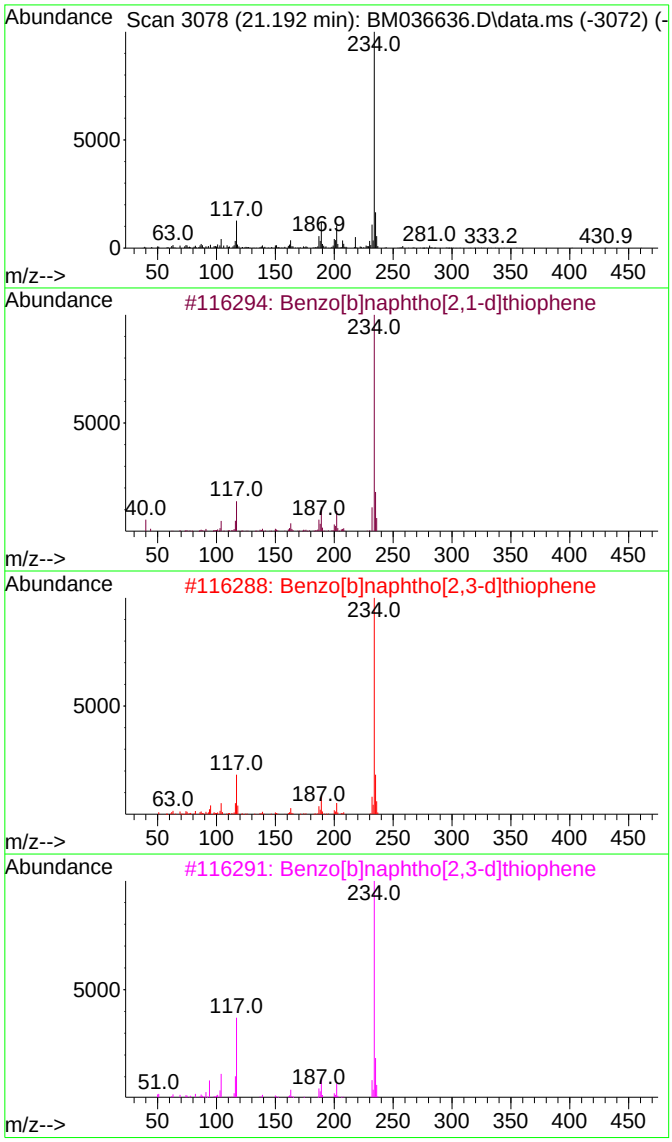
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

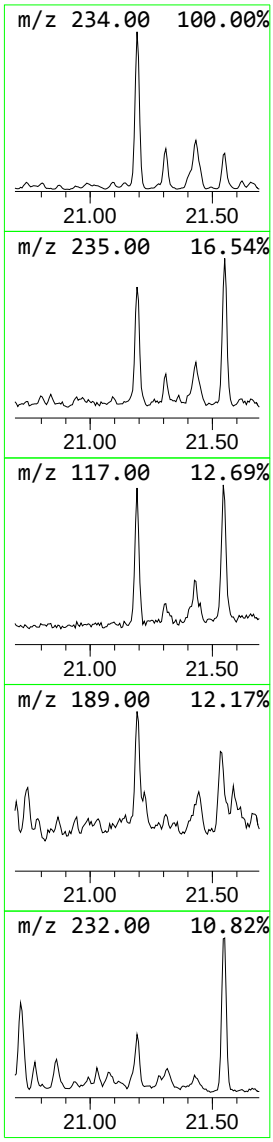
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.192	2.11 ng/ul	1070160	Chrysene-d12	21.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	98
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
5	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	95





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ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
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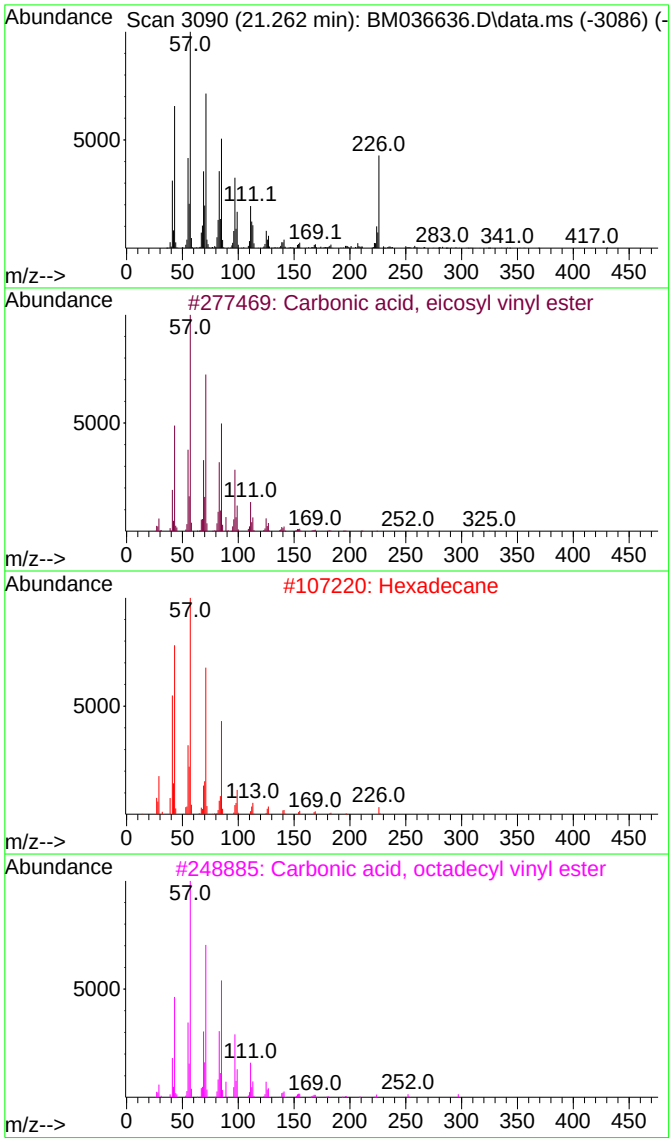
Quant Title : SVOA CALIBRATION

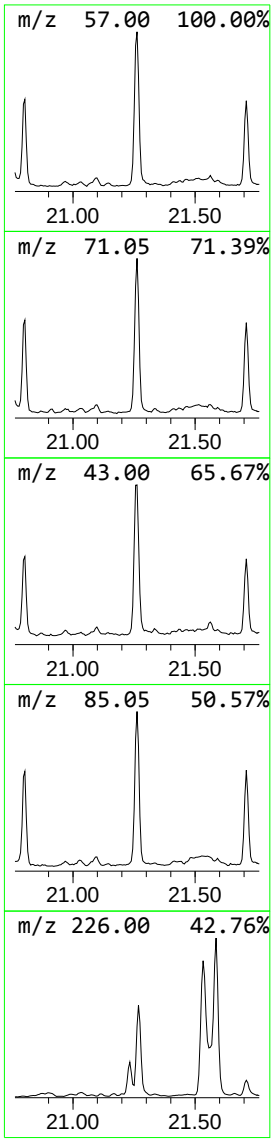
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.262	6.92 ng/ul	3512180	Chrysene-d12	21.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	92
2	Hexadecane	226	C16H34	000544-76-3	89
3	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	76
4	Carbonic acid, decyl hexadecyl e...	426	C27H54O3	1000383-16-5	68
5	Isobutyl hexadecyl ether	298	C20H42O	1000406-32-8	68





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ALS Vial : 21 Sample Multiplier: 1

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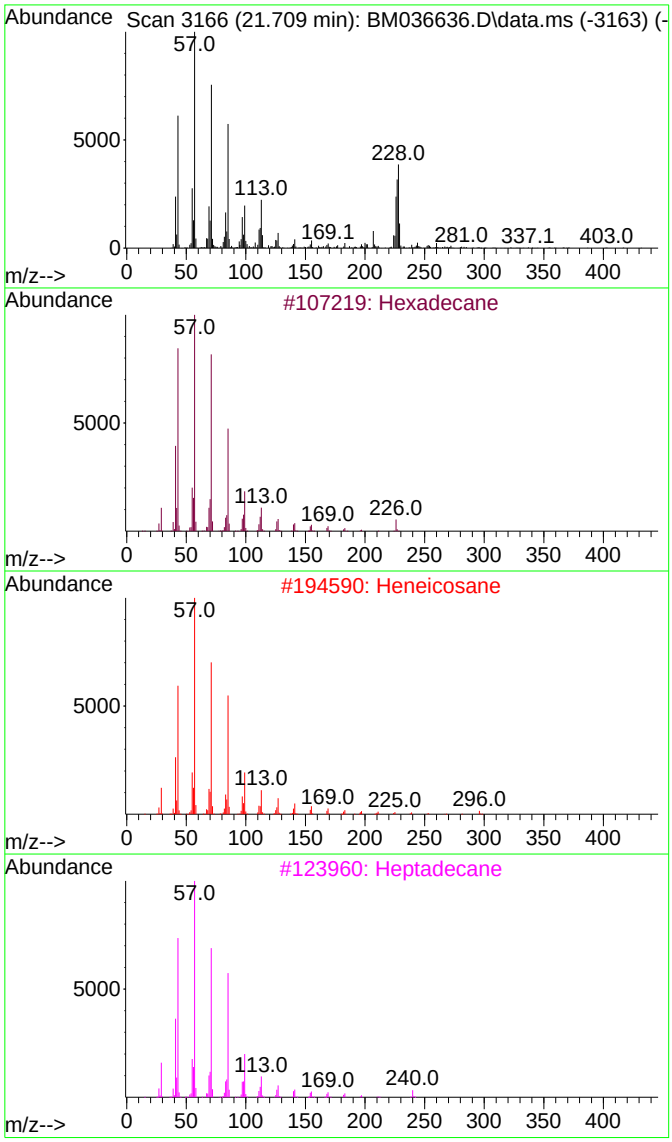
Quant Title : SVOA CALIBRATION

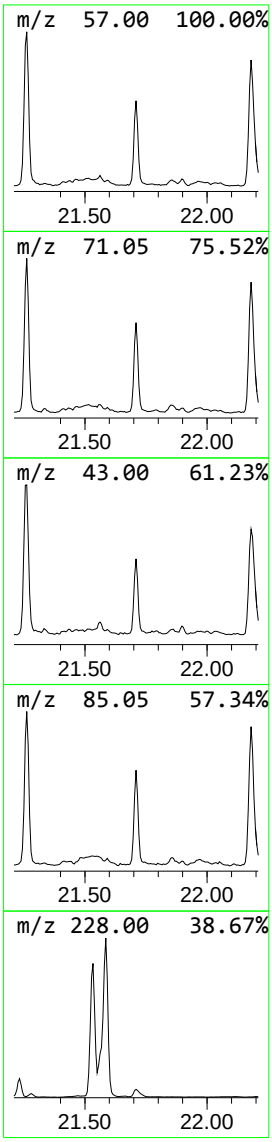
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.709	2.51 ng/ul	1274680	Chrysene-d12	21.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	52
2	Heneicosane	296	C21H44	000629-94-7	49
3	Heptadecane	240	C17H36	000629-78-7	49
4	Hexadecane	226	C16H34	000544-76-3	43
5	Octacosane	394	C28H58	000630-02-4	43





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Operator : CG/JU
Sample : N4605-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
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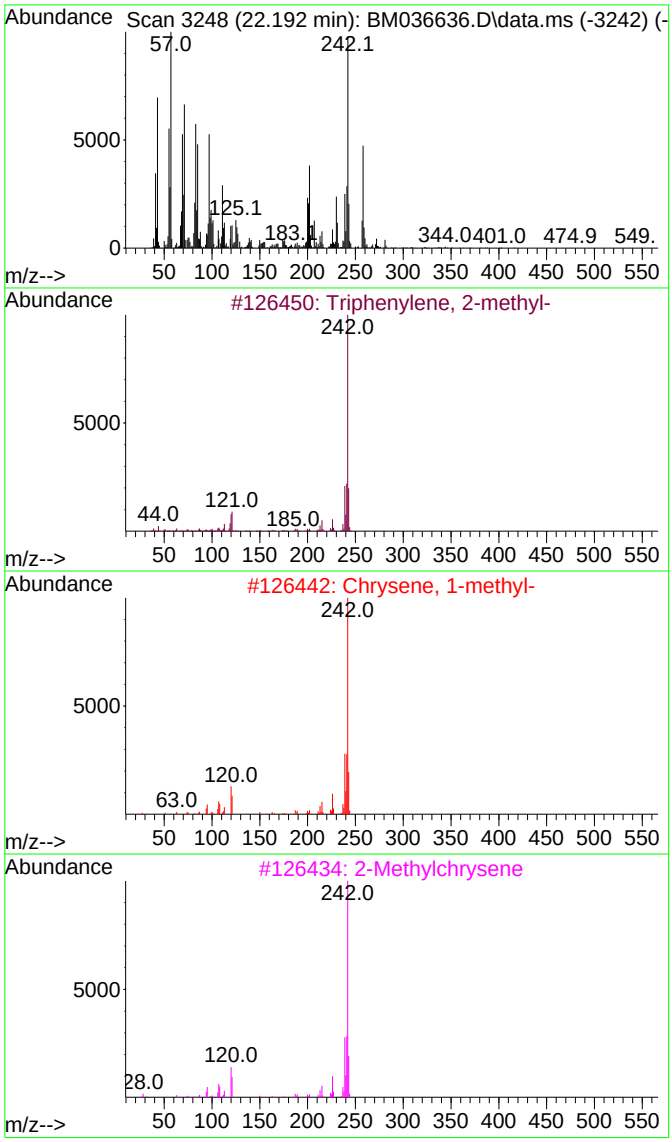
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

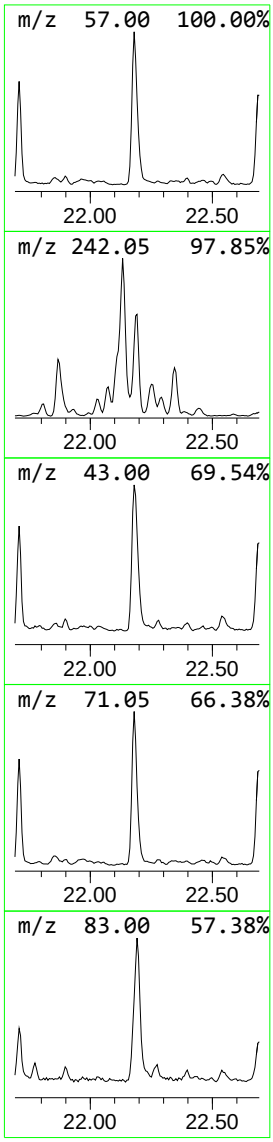
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Triphenylene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.192	6.23 ng/ul	3161180	Chrysene-d12	21.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
3	2-Methylchrysene	242	C19H14	003351-32-4	93
4	Benz[a]anthracene, 6-methyl-	242	C19H14	000316-14-3	91
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036636.D
Acq On : 21 Sep 2022 22:23
Operator : CG/JU
Sample : N4605-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5746

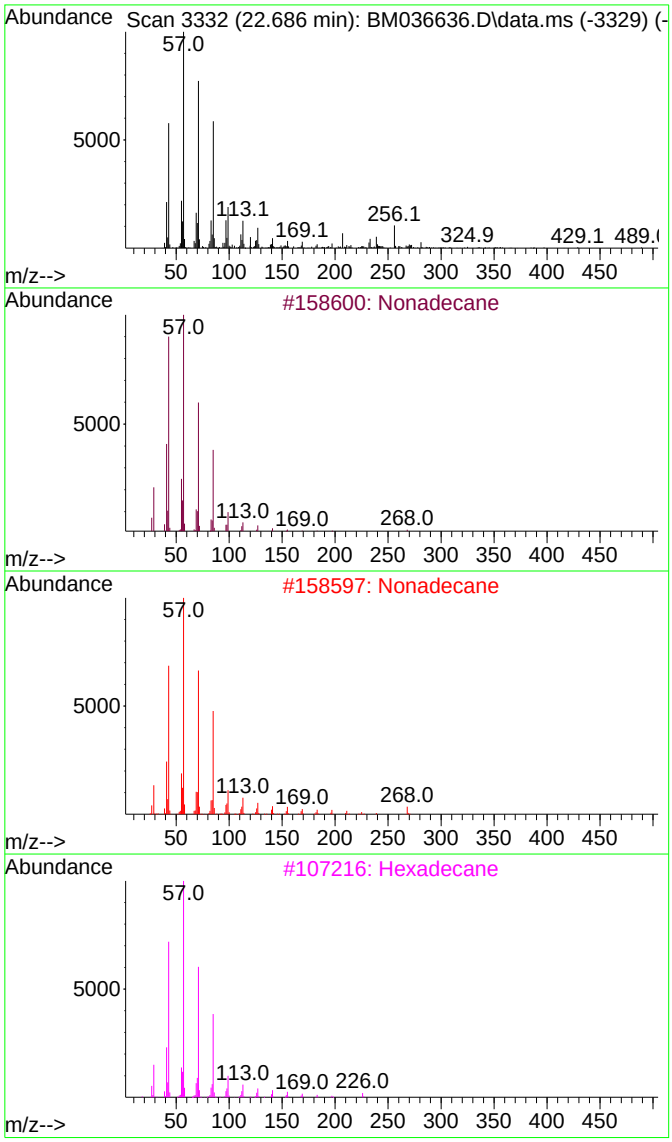
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

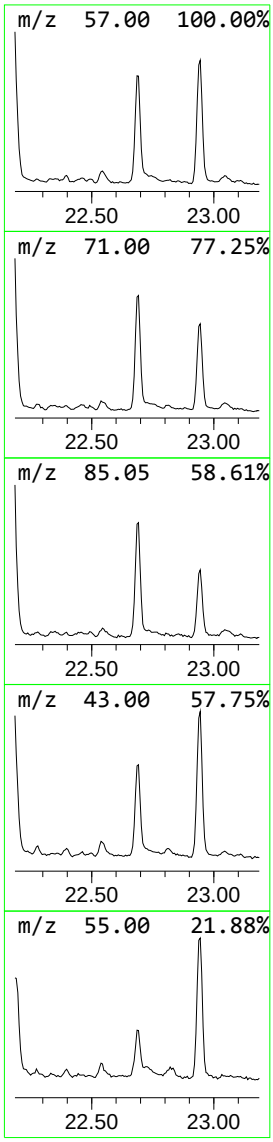
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.686	2.44 ng/ul	1237940	Chrysene-d12	21.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Nonadecane	268	C19H40	000629-92-5	94
3	Hexadecane	226	C16H34	000544-76-3	94
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036636.D
Acq On : 21 Sep 2022 22:23
Operator : CG/JU
Sample : N4605-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5746

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

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

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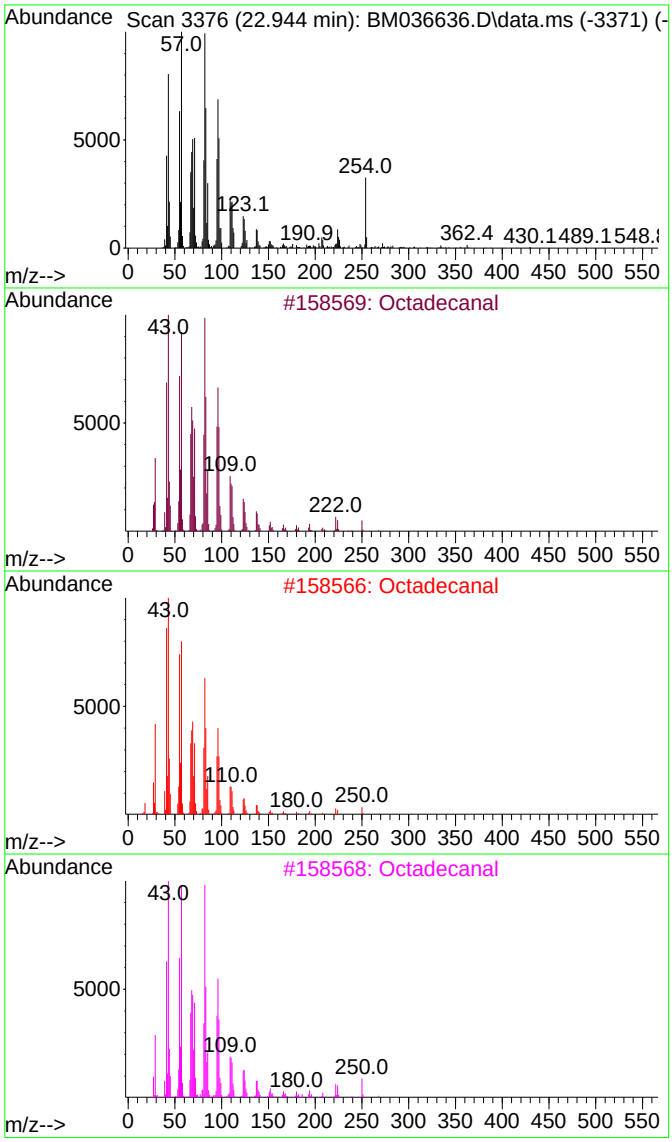
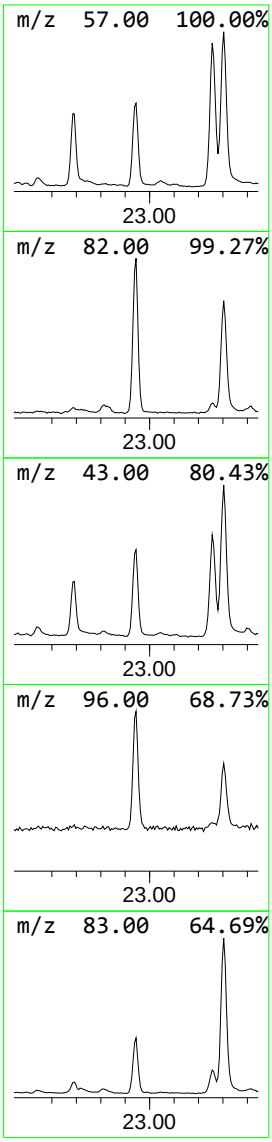
Peak Number 45 Octadecanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.944	14.55 ng/ul	2922350	Perylene-d12	23.991

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	97
2	Octadecanal	268	C18H36O	000638-66-4	94
3	Octadecanal	268	C18H36O	000638-66-4	93
4	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	91
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036636.D
Acq On : 21 Sep 2022 22:23
Operator : CG/JU
Sample : N4605-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5746

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

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

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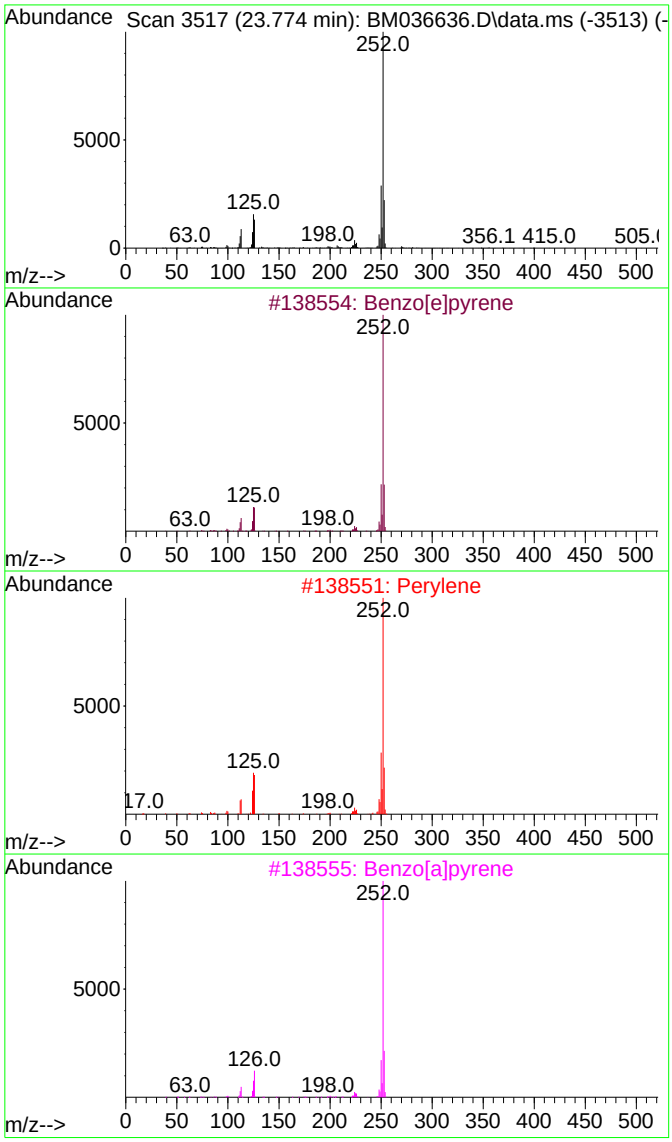
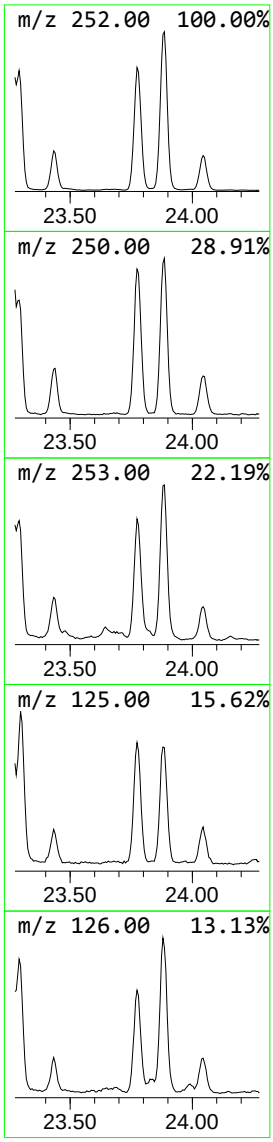
Peak Number 46 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.774	8.74 ng/ul	1755360	Perylene-d12	23.991

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036636.D
Acq On : 21 Sep 2022 22:23
Operator : CG/JU
Sample : N4605-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5746

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

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

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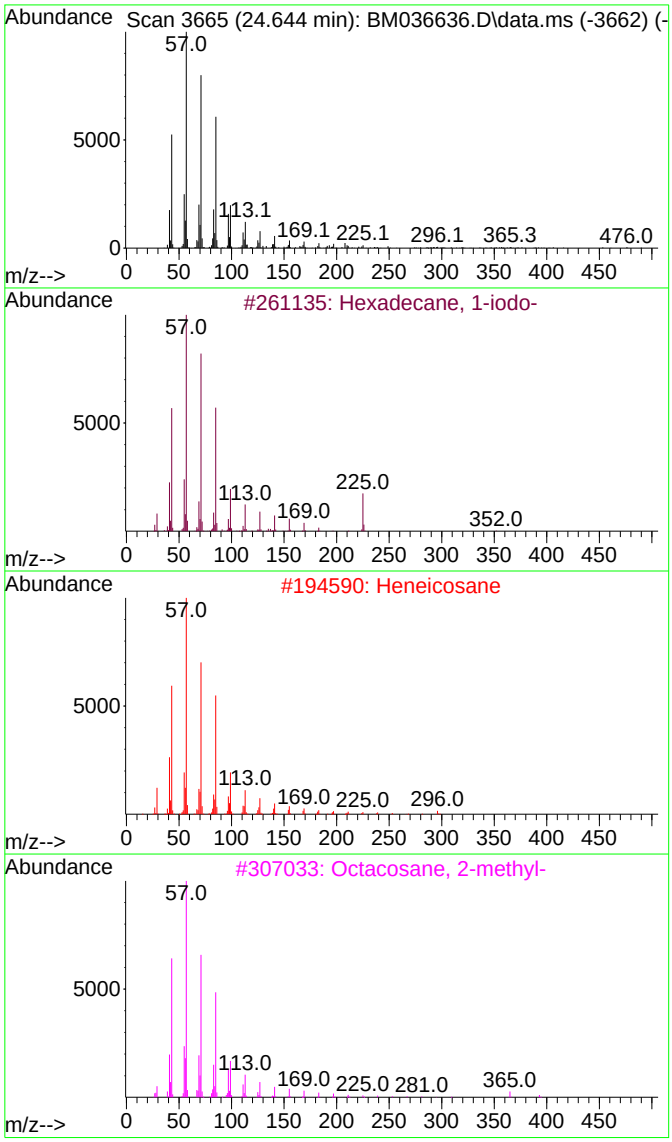
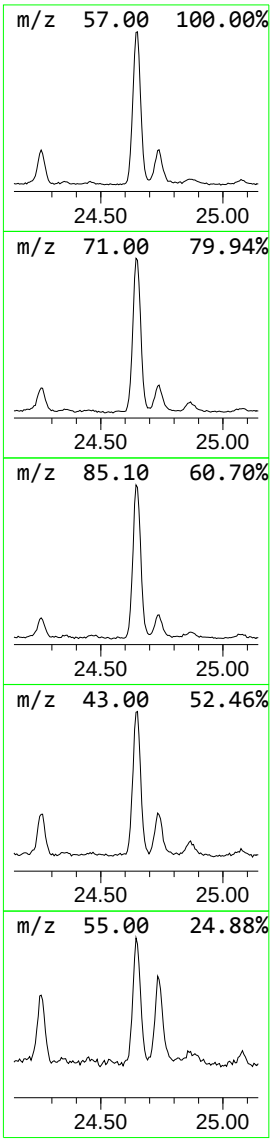
Peak Number 47 Hexadecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.644	7.66 ng/ul	1538700	Perylene-d12	23.991

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	2-Methyltetracosane	352	C25H52	001560-78-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036636.D
Acq On : 21 Sep 2022 22:23
Operator : CG/JU
Sample : N4605-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5746

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.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
Butane, 2-metho...	3.122	134.4	ng/ul	14310000	1	8.022	2129380	20.0
Toluene	4.157	3.0	ng/ul	320990	1	8.022	2129380	20.0
Benzene, 1,3-di...	5.640	3.7	ng/ul	389475	1	8.022	2129380	20.0
p-Xylene	6.016	4.3	ng/ul	459129	1	8.022	2129380	20.0
(DEL) Alkane: S...	11.857	3.3	ng/ul	584335	2	10.833	3527310	20.0
(DEL) Alkane: S...	12.251	2.7	ng/ul	469690	2	10.833	3527310	20.0
(DEL) Alkane: S...	13.480	3.3	ng/ul	784244	3	14.645	4756770	20.0
Naphthalene, 1,...	13.969	4.1	ng/ul	974348	3	14.645	4756770	20.0
Carbonic acid, ...	14.133	2.9	ng/ul	679012	3	14.645	4756770	20.0
Naphthalene, 2,...	14.204	2.4	ng/ul	570658	3	14.645	4756770	20.0
(DEL) Alkane: S...	14.545	2.5	ng/ul	596355	3	14.645	4756770	20.0
Dibenzo furan	15.039	3.9	ng/ul	924103	3	14.645	4756770	20.0
Naphthalene, 2,...	15.433	2.7	ng/ul	649575	3	14.645	4756770	20.0
(DEL) Alkane: S...	15.492	2.2	ng/ul	531619	3	14.645	4756770	20.0
(DEL) Alkane: S...	15.898	2.5	ng/ul	590887	3	14.645	4756770	20.0
9H-Fluoren-3-ol	15.980	3.1	ng/ul	731038	3	14.645	4756770	20.0
Dibenzofuran, 4...	16.127	3.6	ng/ul	933377	4	17.380	5153210	20.0
(DEL) Alkane: S...	16.374	11.8	ng/ul	3032780	4	17.380	5153210	20.0
unknown-01	16.921	2.7	ng/ul	706742	4	17.380	5153210	20.0
9H-Fluoren-9-one	17.033	2.3	ng/ul	594124	4	17.380	5153210	20.0
(DEL) Alkane: S...	17.139	3.9	ng/ul	1004250	4	17.380	5153210	20.0
Dibenzothiophene	17.198	2.8	ng/ul	721964	4	17.380	5153210	20.0
Anthrone	17.692	2.2	ng/ul	565150	4	17.380	5153210	20.0
(DEL) Alkane: S...	17.880	3.5	ng/ul	914509	4	17.380	5153210	20.0
Phenanthrene, 2...	18.256	6.7	ng/ul	1718110	4	17.380	5153210	20.0
Phenanthrene, 4...	18.304	7.5	ng/ul	1929170	4	17.380	5153210	20.0
1H-Cyclopropa[l...	18.445	5.8	ng/ul	1507490	4	17.380	5153210	20.0
Phenanthrene, 1...	18.486	3.8	ng/ul	989686	4	17.380	5153210	20.0
(DEL) Alkane: S...	18.574	3.7	ng/ul	950500	4	17.380	5153210	20.0
Naphthalene, 2-...	18.751	3.3	ng/ul	859680	4	17.380	5153210	20.0
9,10-Anthracene...	18.792	3.5	ng/ul	900562	4	17.380	5153210	20.0
Phenanthrene, 2...	19.168	4.9	ng/ul	1268350	4	17.380	5153210	20.0
(DEL) Alkane: S...	19.203	5.7	ng/ul	1457740	4	17.380	5153210	20.0
Cyclopenta(def)...	19.304	4.2	ng/ul	1072260	4	17.380	5153210	20.0
Pyrene, 1-methyl-	20.109	3.0	ng/ul	1538960	5	21.544	10143600	20.0
11H-Benzo[a]flu...	21.027	2.7	ng/ul	1373340	5	21.544	10143600	20.0
Benzo[b]naphtho...	21.192	2.1	ng/ul	1070160	5	21.544	10143600	20.0
(DEL) Alkane: S...	21.262	6.9	ng/ul	3512180	5	21.544	10143600	20.0
(DEL) Alkane: S...	21.709	2.5	ng/ul	1274680	5	21.544	10143600	20.0
Triphenylene, 2...	22.192	6.2	ng/ul	3161180	5	21.544	10143600	20.0
(DEL) Alkane: S...	22.686	2.4	ng/ul	1237940	5	21.544	10143600	20.0
Octadecanal	22.944	14.6	ng/ul	2922350	6	23.991	4018310	20.0
Benzo[e]pyrene	23.774	8.7	ng/ul	1755360	6	23.991	4018310	20.0
Hexadecane, 1-i...	24.644	7.7	ng/ul	1538700	6	23.991	4018310	20.0