LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091622\
Data File : BM036559.D
Acq On : 16 Sep 2022 11:58
Operator : CG/JU
Sample : N4601-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5788

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: BM036559.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	24	rVB	1470362	1954764	14.59%	0.960%
2	3.393	48	52	54	rBV	49469	59951	0.45%	0.029%
3	3.428	54	58	69	rVB	107361	154281	1.15%	0.076%
4	5.104	337	343	349	rBV	439777	633710	4.73%	0.311%
5	7.169	688	694	708	rVB	891368	1408097	10.51%	0.691%
6	7.351	718	725	734	rVB	769295	1173839	8.76%	0.576%
7	7.551	752	759	767	rBV	880160	1358315	10.14%	0.667%
8	8.028	833	840	847	rBV	1033745	1656144	12.36%	0.813%
9	8.557	923	930	937	rBV	406250	1001815	7.48%	0.492%
10	8.616	937	940	945	rVB2	44418	61917	0.46%	0.030%
11	8.722	951	958	968	rBV	1032589	1663137	12.41%	0.816%
12	9.186	1030	1037	1041	rBV	813847	1335129	9.97%	0.655%
13	9.233	1041	1045	1051	rVV	646712	1042941	7.79%	0.512%
14	9.628	1108	1112	1121	rVB2	22938	42119	0.31%	0.021%
15	9.916	1153	1161	1163	rBV	547707	902242	6.74%	0.443%
16	9.945	1163	1166	1179	rVB	663900	1016012	7.58%	0.499%
17	10.245	1210	1217	1224	rBV	652734	979531	7.31%	0.481%
18	10.451	1244	1252	1255	rBV	1094660	2070043	15.45%	1.016%
19	10.616	1275	1280	1291	rBV	112265	183424	1.37%	0.090%
20	10.839	1309	1318	1322	rBV	1555340	2601188	19.42%	1.277%
21	10.886	1322	1326	1333	rVV	753266	1225273	9.15%	0.601%
22	10.969	1333	1340	1360	rVB	1020324	1738285	12.98%	0.853%
23	12.104	1525	1533	1546	rBV	3122088	4792939	35.78%	2.353%
24	12.216	1548	1552	1557	rVV4	22180	39174	0.29%	0.019%
25	12.416	1583	1586	1592	rVB	24098	37913	0.28%	0.019%
26	12.492	1592	1599	1606	rBV	2315276	3568983	26.64%	1.752%
27	12.616	1614	1620	1624	rBV2	51215	78977	0.59%	0.039%
28	12.710	1629	1636	1644	rVB	2006351	3023141	22.57%	1.484%
29	12.833	1651	1657	1664	rBV	1075851	1599813	11.94%	0.785%
30	13.086	1693	1700	1709	rVV	958291	1418823	10.59%	0.696%
31	13.269	1724	1731	1736	rVB4	17184	31620	0.24%	0.016%
32	13.492	1762	1769	1770	rBV	53422	70739	0.53%	0.035%
33	13.533	1770	1776	1787	rVB2	1692095	3048383	22.76%	1.496%
34	14.063	1857	1866	1879	rBV	2595520	3537283	26.41%	1.736%
35	14.221	1885	1893	1902	rVB	677819	865794	6.46%	0.425%
36	14.345	1907	1914	1917	rVV	2576836	4118265	30.74%	2.022%

LSC Area Percent Report

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Acq On : 16 Sep 2022 11:58
Operator : CG/JU
Sample : N4601-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5788

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	14.374	1917	1919	1928	rVB	1585983	1781041	13.30%	0.874%
38	14.651	1959	1966	1971	rBV	2519012	3632229	27.11%	1.783%
39	14.710	1971	1976	1983	rVB	1496314	2198311	16.41%	1.079%
40	14.821	1988	1995	2001	rBV	1263390	1740415	12.99%	0.854%
41	15.004	2019	2026	2032	rBV	1896595	2554777	19.07%	1.254%
42	15.057	2032	2035	2045	rVB7	29497	53219	0.40%	0.026%
43	15.262	2064	2070	2086	rBV	2572763	3697134	27.60%	1.815%
44	15.451	2097	2102	2106	rBV2	23749	40952	0.31%	0.020%
45	15.498	2106	2110	2114	rVB	32738	45668	0.34%	0.022%
46	15.639	2127	2134	2138	rBV	3702031	5274661	39.37%	2.589%
47	15.686	2138	2142	2148	rVV2	3660284	5251615	39.20%	2.578%
48	15.762	2148	2155	2166	rVB3	4573521	6975835	52.07%	3.424%
49	16.080	2205	2209	2214	rVB7	20856	32334	0.24%	0.016%
50	16.280	2239	2243	2247	rBV4	21606	34300	0.26%	0.017%
51	16.445	2264	2271	2277	rVV5	32889	100770	0.75%	0.049%
52	16.580	2288	2294	2301	rVB	1884099	2507838	18.72%	1.231%
53	16.692	2306	2313	2319	rBV	2708804	3873180	28.91%	1.901%
54	17.151	2385	2391	2397	rBV3	33663	66432	0.50%	0.033%
55	17.198	2397	2399	2405	rVB6	21379	31300	0.23%	0.015%
56	17.386	2424	2431	2435	rBV	3028397	4450377	33.22%	2.185%
57	17.427	2435	2438	2443	rVV	2456253	3215022	24.00%	1.578%
58	17.486	2443	2448	2451	rVV	4684288	6792441	50.70%	3.334%
59	17.515	2451	2453	2474	rVB	2849534	3821773	28.53%	1.876%
60	17.768	2491	2496	2505	rVB6	64567	102604	0.77%	0.050%
61	17.856	2505	2511	2520	rBV	2943625	3771835	28.16%	1.852%
62	17.962	2526	2529	2538	rVB2	34210	53079	0.40%	0.026%
63	18.062	2541	2546	2554	rVB	454617	540957	4.04%	0.266%
64	18.280	2579	2583	2591	rBV	366559	615135	4.59%	0.302%
65	18.792	2666	2670	2675	rVB	47916	61780	0.46%	0.030%
66	18.903	2686	2689	2694	rBV	40255	47203	0.35%	0.023%
67	19.139	2724	2729	2736	rBV	205075	296234	2.21%	0.145%
68	19.227	2740	2744	2749	rVB	671962	792648	5.92%	0.389%
69	19.333	2758	2762	2764	rBV2	62558	89215	0.67%	0.044%
70	19.362	2764	2767	2771	rVV	342581	378340	2.82%	0.186%
71	19.433	2771	2779	2794	rVB	7527523	10119360	75.54%	4.967%
72	19.550	2795	2799	2810	rBV	214014	337425	2.52%	0.166%
73	19.703	2822	2825	2829	rVB	77538	90439	0.68%	0.044%
74	19.768	2829	2836	2838	rBV	5881926	8146108	60.81%	3.999%
75	19.792	2838	2840	2850	rVB	3040021	3746159	27.96%	1.839%
76	20.280	2920	2923	2926	rBV4	33707	35574	0.27%	0.017%

LSC Area Percent Report

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Operator : CG/JU
Sample : N4601-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5788

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

77	20.315	2927	2929	2933	rVV	29121	30676	0.23%	0.015%
78	20.397	2939	2943	2947	rVB	142476	162970	1.22%	0.080%
79	20.574	2970	2973	2977	rVB2	53802	65963	0.49%	0.032%
80	20.768	3002	3006	3011	rBV	692361	770257	5.75%	0.378%
81	21.027	3046	3050	3054	rBV	152727	177684	1.33%	0.087%
82	21.227	3081	3084	3087	rBV2	82215	96692	0.72%	0.047%
83	21.268	3087	3091	3100	rVV	891845	1161686	8.67%	0.570%
84	21.344	3102	3104	3111	rVB	80218	104270	0.78%	0.051%
85	21.550	3131	3139	3143	rBV2	4493082	9493343	70.87%	4.660%
86	21.591	3143	3146	3153	rVB	3301814	4184999	31.24%	2.054%
87	22.191	3244	3248	3259	rVB3	291825	477941	3.57%	0.235%
88	22.380	3276	3280	3288	rVB	143444	212495	1.59%	0.104%
89	22.833	3352	3357	3366	rVB	251748	401790	3.00%	0.197%
90	23.256	3421	3429	3433	rBV	7482549	13396257	100.00%	6.576%
91	23.303	3433	3437	3452	rVB	2420790	4182870	31.22%	2.053%
92	23.556	3475	3480	3490	rVB2	262310	487421	3.64%	0.239%
93	23.844	3521	3529	3533	rBV2	3820954	7854391	58.63%	3.856%
94	23.891	3533	3537	3548	rVV	1636340	3414700	25.49%	1.676%
95	23.997	3548	3555	3570	rVB2	2427533	4894680	36.54%	2.403%
96	24.403	3619	3624	3634	rVB	269381	622253	4.64%	0.305%
97	24.680	3667	3671	3678	rVB	173630	338571	2.53%	0.166%
98	25.427	3794	3798	3808	rVB	272715	654507	4.89%	0.321%
99	26.556	3978	3990	4001	rBV3	2305477	8571800	63.99%	4.208%
100	27.326	4111	4121	4134	rVB	1288159	4068552	30.37%	1.997%

Sum of corrected areas: 203716491

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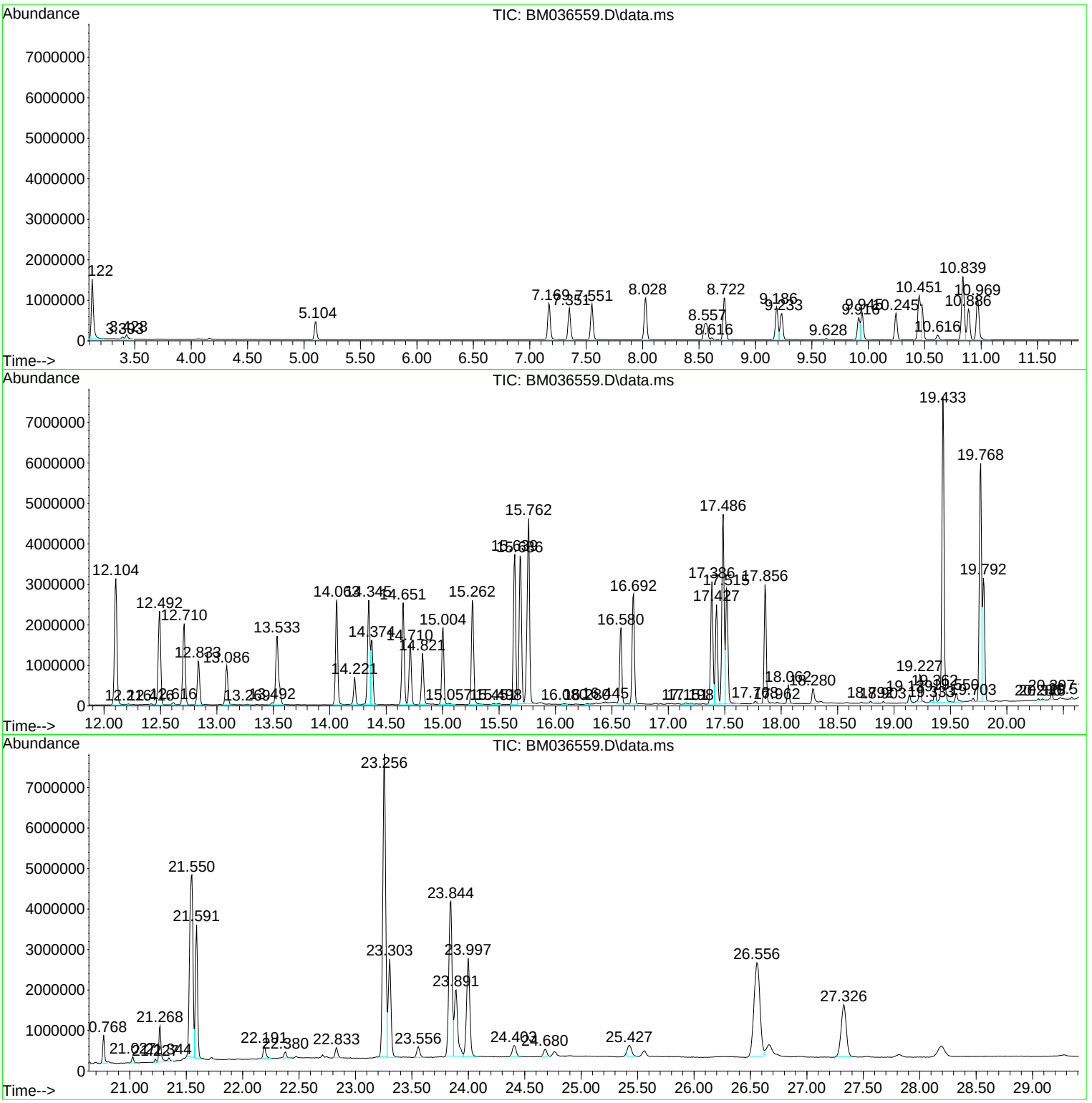
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091622\
Data File : BM036559.D
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Instrument :
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ClientSampleId :
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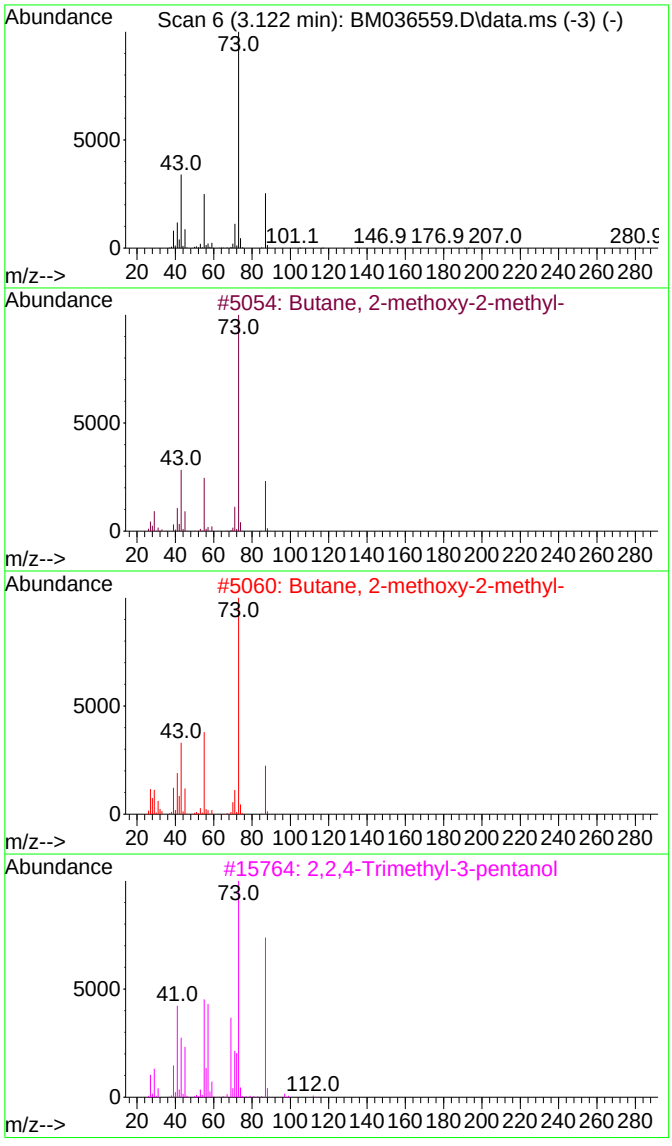
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

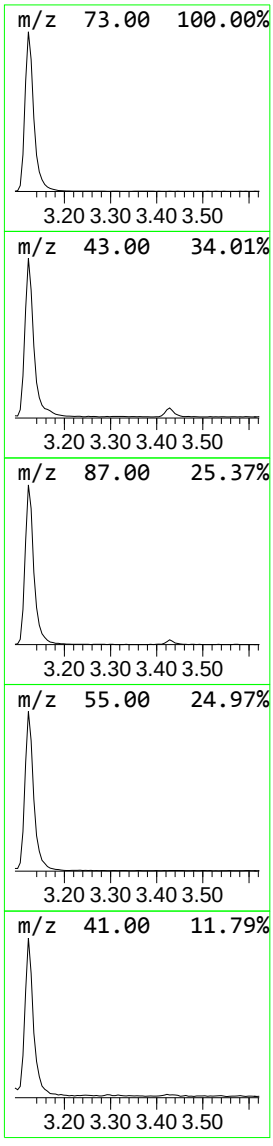
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.122	23.61 ng/ul	1954760	1,4-Dichlorobenzene-d4	8.028

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	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091622\
Data File : BM036559.D
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Sample : N4601-22
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ALS Vial : 5 Sample Multiplier: 1

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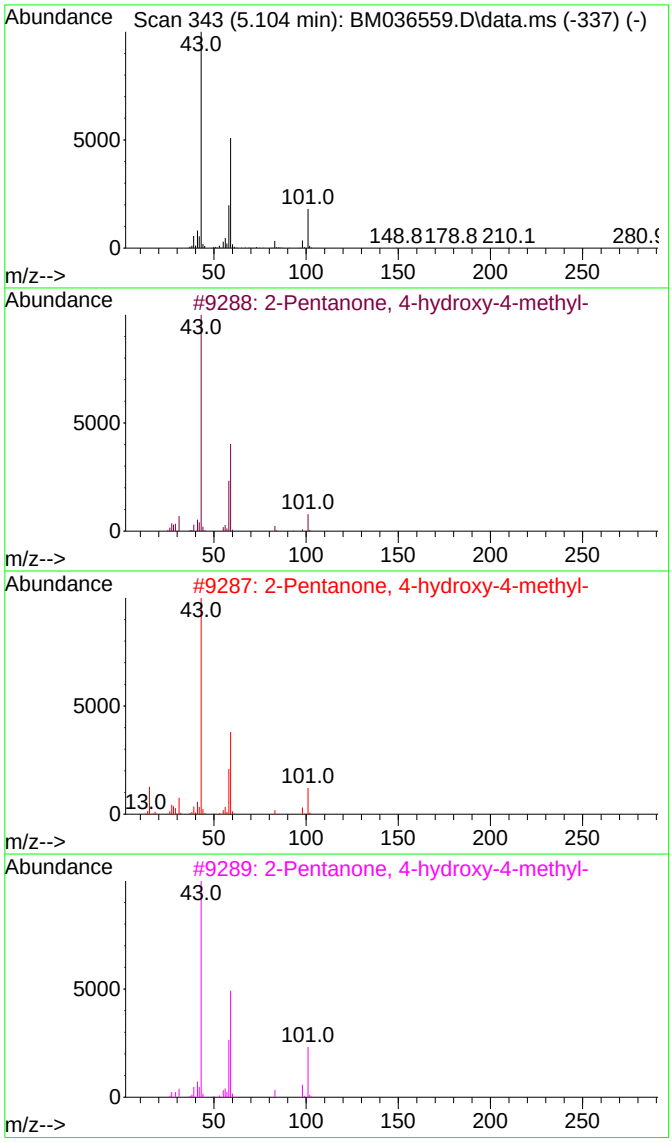
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

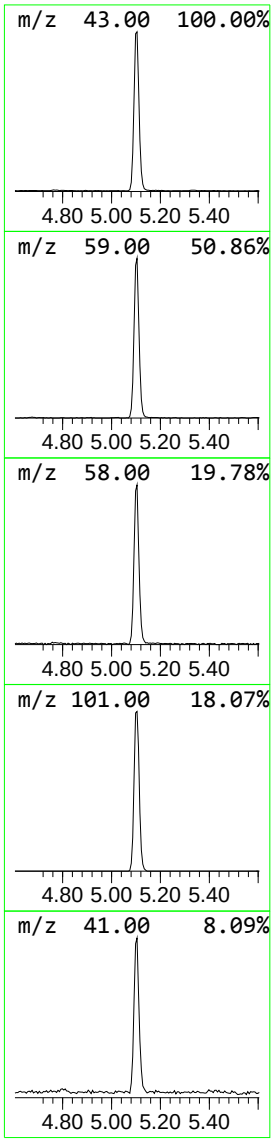
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.104	7.65 ng/ul	633710	1,4-Dichlorobenzene-d4	8.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17





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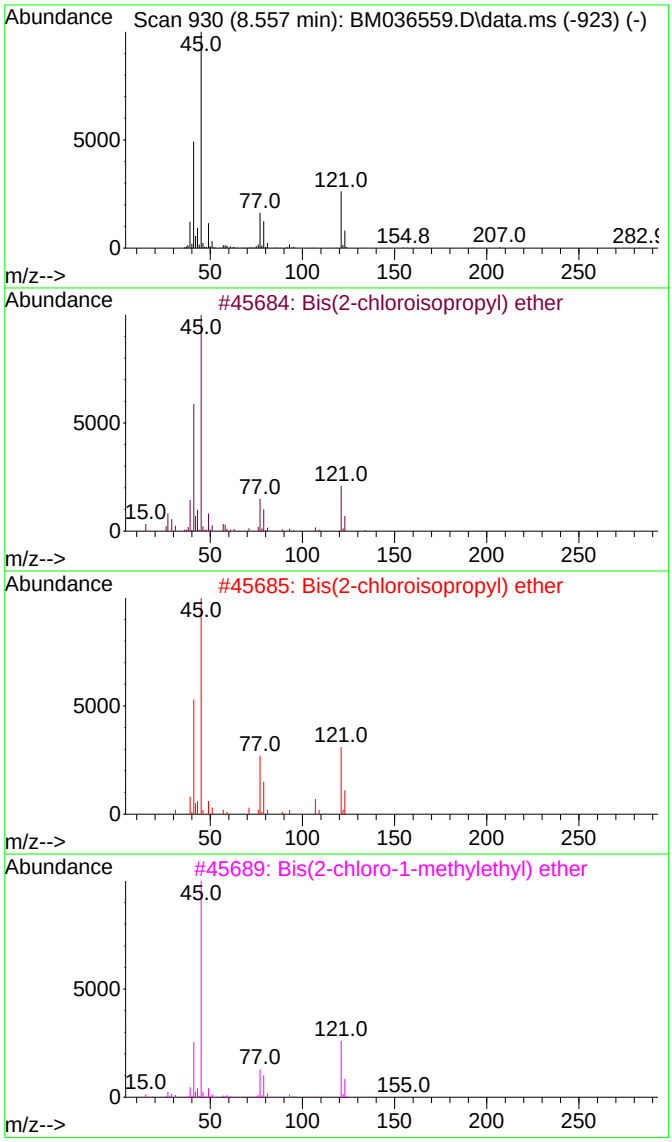
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

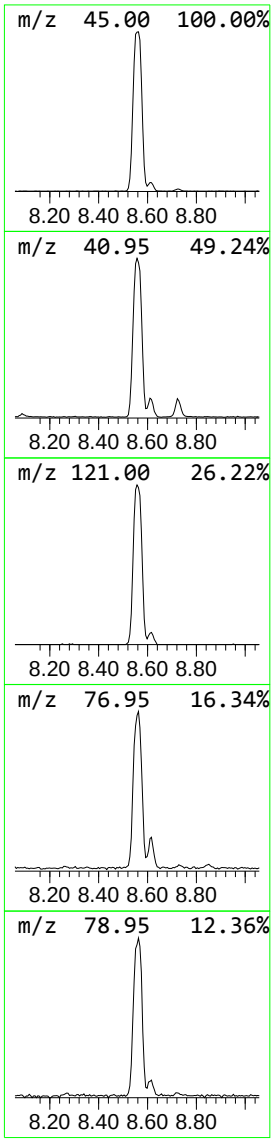
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Bis(2-chloroisopropyl) ether Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.557	12.10 ng/ul	1001820	1,4-Dichlorobenzene-d4	8.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-chloroisopropyl) ether	170	C6H12Cl2O	039638-32-9	83
2	Bis(2-chloroisopropyl) ether	170	C6H12Cl2O	039638-32-9	83
3	Bis(2-chloro-1-methylethyl) ether	170	C6H12Cl2O	000108-60-1	78
4	2-Hydrazinoethanol	76	C2H8N2O	000109-84-2	52
5	Bis(2-chloroisopropyl) ether	170	C6H12Cl2O	039638-32-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091622\
Data File : BM036559.D
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Sample : N4601-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5788

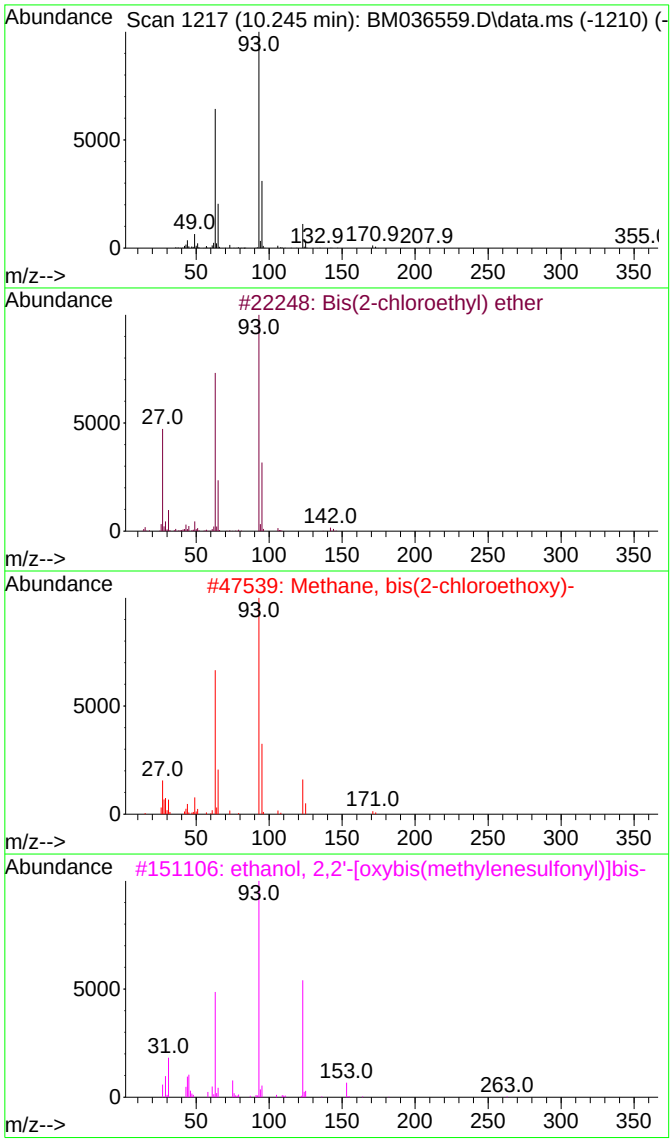
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

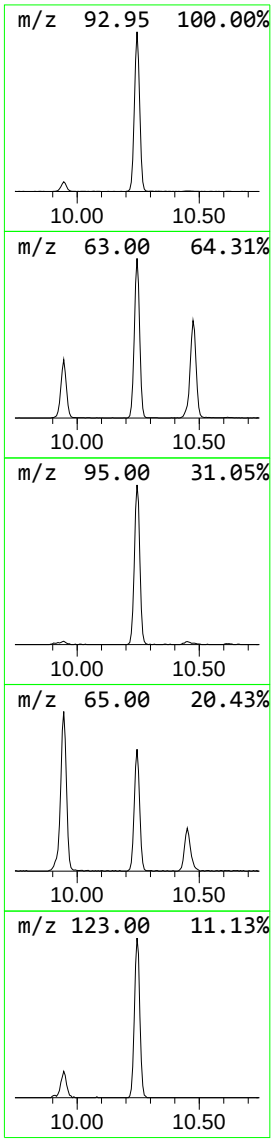
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Bis(2-chloroethyl) ether Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.245	7.53 ng/ul	979531	Naphthalene-d8	10.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-chloroethyl) ether	142	C4H8Cl2O	000111-44-4	83
2	Methane, bis(2-chloroethoxy)-	172	C5H10Cl2O2	000111-91-1	64
3	ethanol, 2,2'-[oxybis(methylenes...	262	C6H14O7S2	1010401-58-0	56
4	Bis(2-chloroethyl) ether	142	C4H8Cl2O	000111-44-4	50
5	Bis(2-chloroethyl) ether	142	C4H8Cl2O	000111-44-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091622\
Data File : BM036559.D
Acq On : 16 Sep 2022 11:58
Operator : CG/JU
Sample : N4601-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

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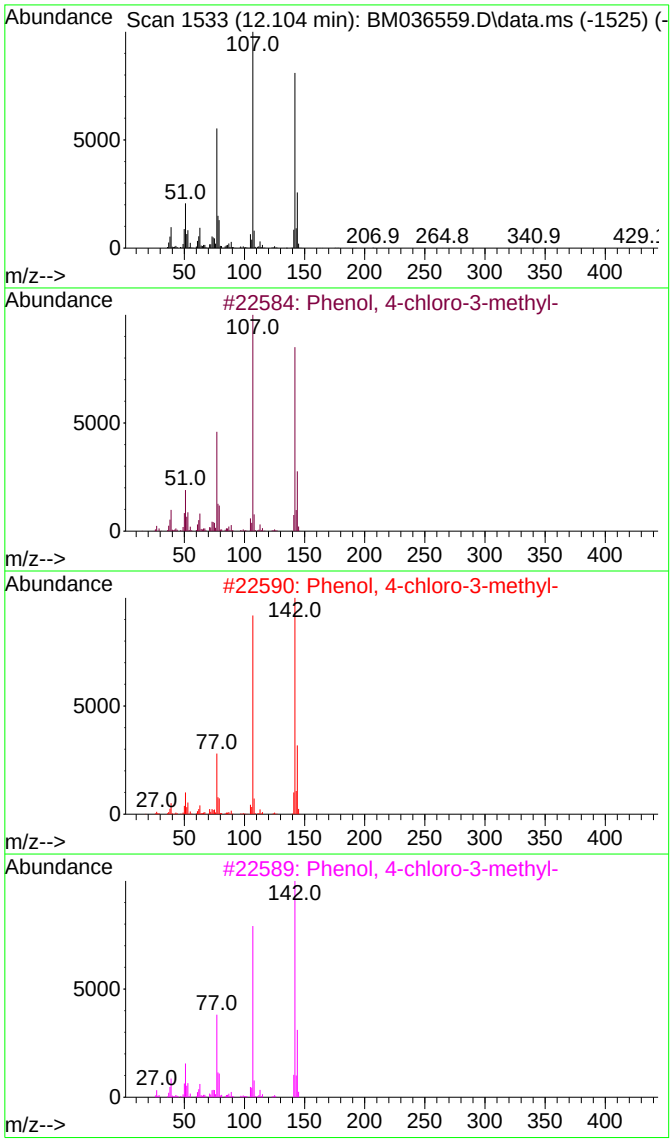
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

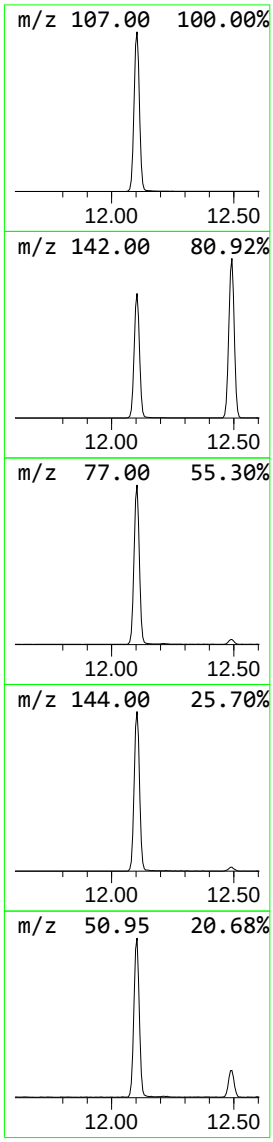
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenol, 4-chloro-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	36.85 ng/ul	4792940	Naphthalene-d8	10.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-chloro-3-methyl-	142	C7H7ClO	000059-50-7	97
2	Phenol, 4-chloro-3-methyl-	142	C7H7ClO	000059-50-7	97
3	Phenol, 4-chloro-3-methyl-	142	C7H7ClO	000059-50-7	95
4	Phenol, 4-chloro-2-methyl-	142	C7H7ClO	001570-64-5	94
5	Phenol, 4-chloro-3-methyl-	142	C7H7ClO	000059-50-7	93





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Acq On : 16 Sep 2022 11:58
Operator : CG/JU
Sample : N4601-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5788

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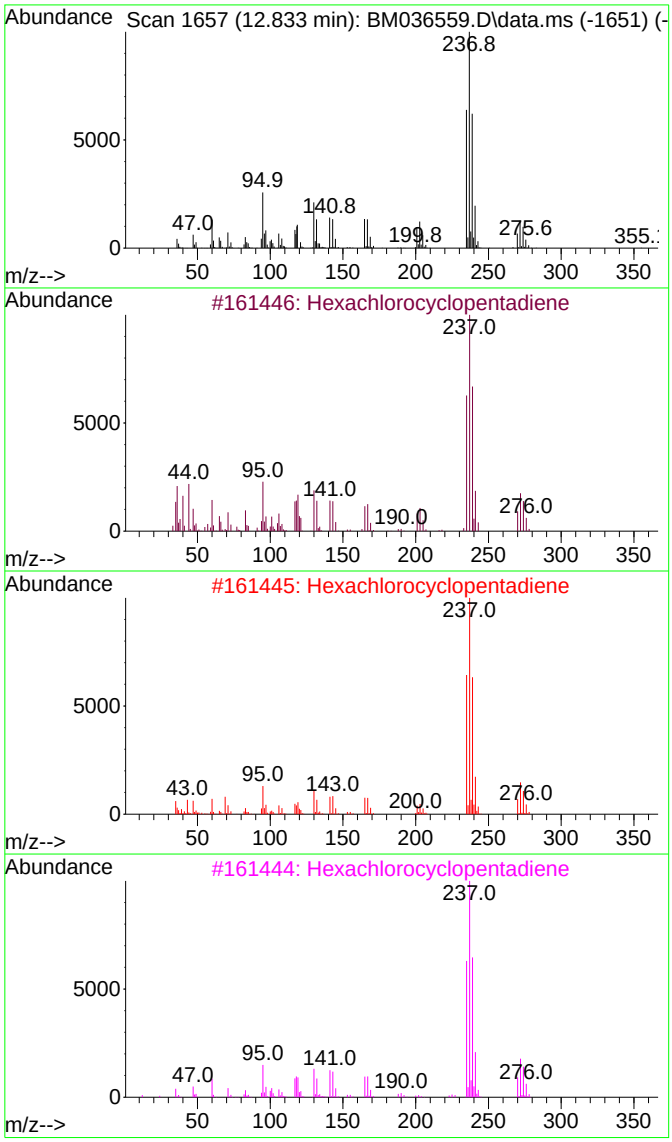
Quant Title : SVOA CALIBRATION

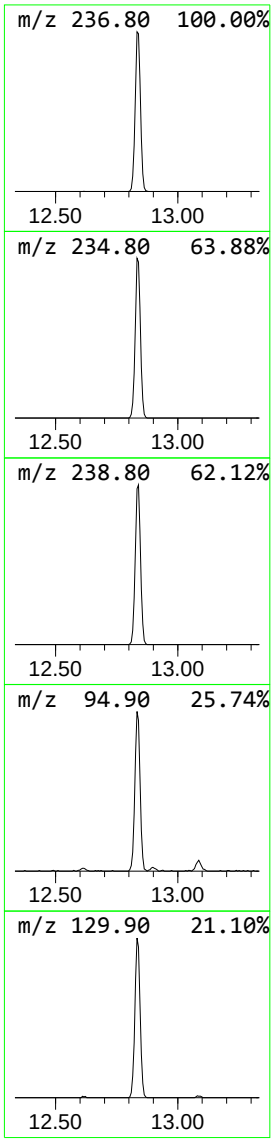
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Hexachloro cyclopentadiene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.833	8.81 ng/ul	1599810	Acenaphthene-d10	14.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexachlorocyclopentadiene	270	C5Cl6	000077-47-4	99
2	Hexachlorocyclopentadiene	270	C5Cl6	000077-47-4	98
3	Hexachlorocyclopentadiene	270	C5Cl6	000077-47-4	98
4	Benzene, 1,3,5-trichloro-2-isoth...	237	C7H2Cl3NS	022134-07-2	30
5	2,2,4,4,7,7-Hexamethyl-1,3-dioxa...	280	C8H22GeO2Si2	111098-04-5	25





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Sample : N4601-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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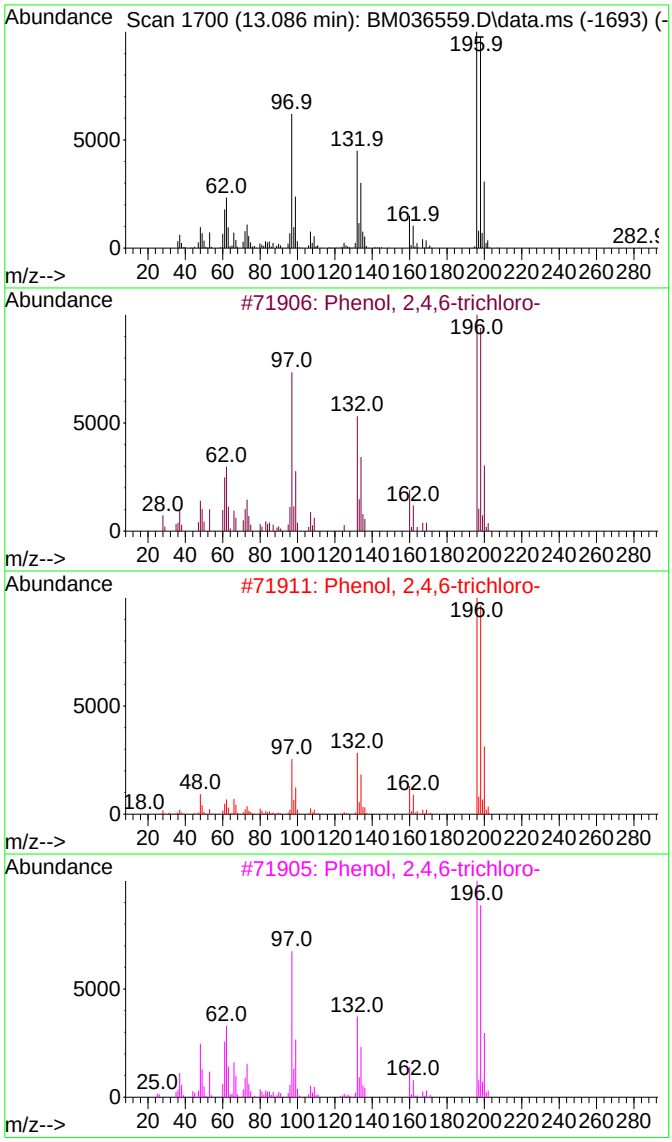
Quant Title : SVOA CALIBRATION

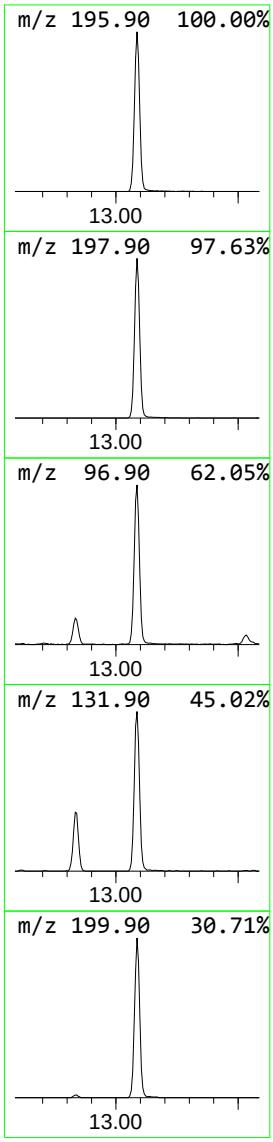
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenol, 2,4,6-trichloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	7.81 ng/ul	1418820	Acenaphthene-d10	14.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trichloro-	196	C6H3Cl3O	000088-06-2	99
2	Phenol, 2,4,6-trichloro-	196	C6H3Cl3O	000088-06-2	96
3	Phenol, 2,4,6-trichloro-	196	C6H3Cl3O	000088-06-2	95
4	Phenol, 2,3,6-trichloro-	196	C6H3Cl3O	000933-75-5	95
5	Phenol, 2,4,5-trichloro-	196	C6H3Cl3O	000095-95-4	94





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ALS Vial : 5 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

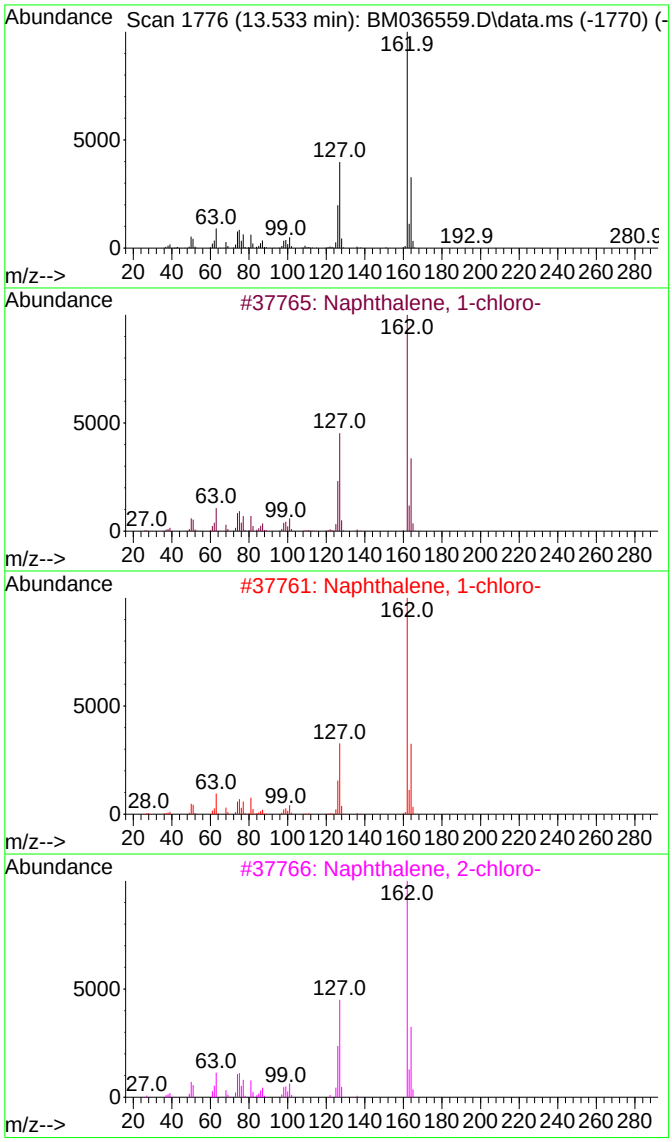
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

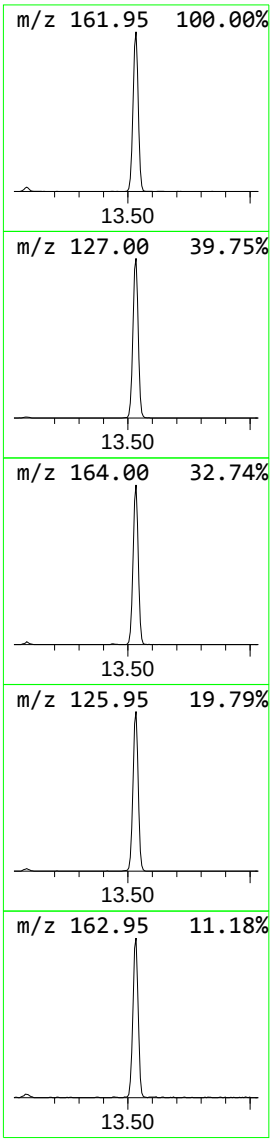
****

Peak Number 8 Naphthalene, 1-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.533	16.79 ng/ul	3048380	Acenaphthene-d10	14.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-chloro-	162	C10H7Cl	000090-13-1	97
2	Naphthalene, 1-chloro-	162	C10H7Cl	000090-13-1	96
3	Naphthalene, 2-chloro-	162	C10H7Cl	000091-58-7	95
4	Naphthalene, 1-chloro-	162	C10H7Cl	000090-13-1	94
5	Naphthalene, 2-chloro-	162	C10H7Cl	000091-58-7	91





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Sample : N4601-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

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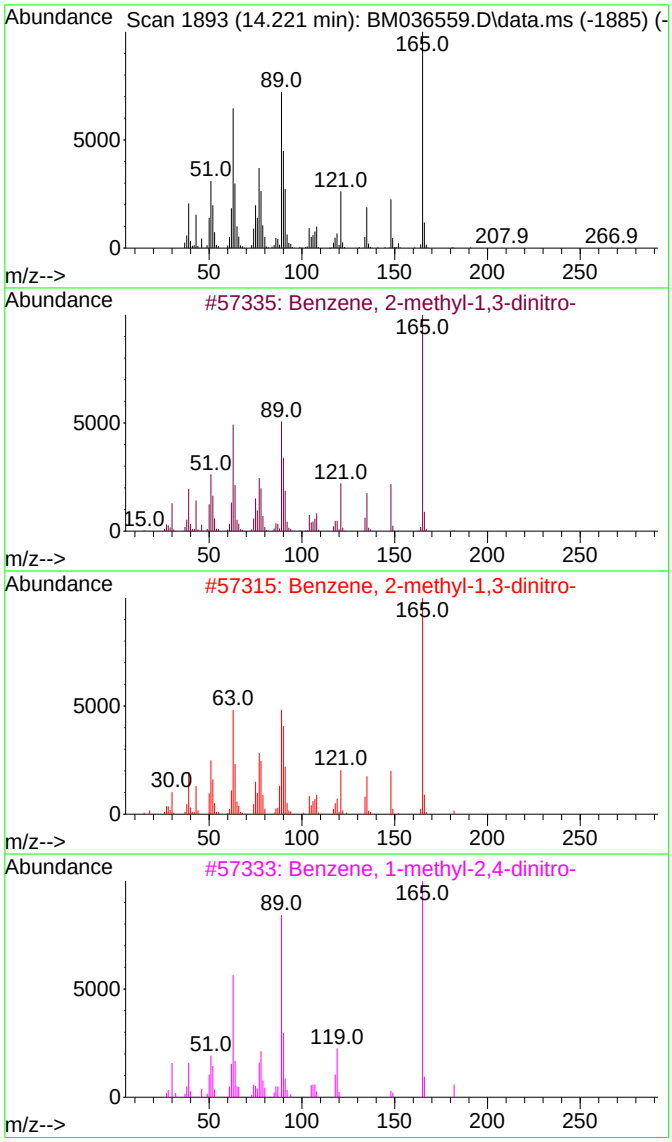
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

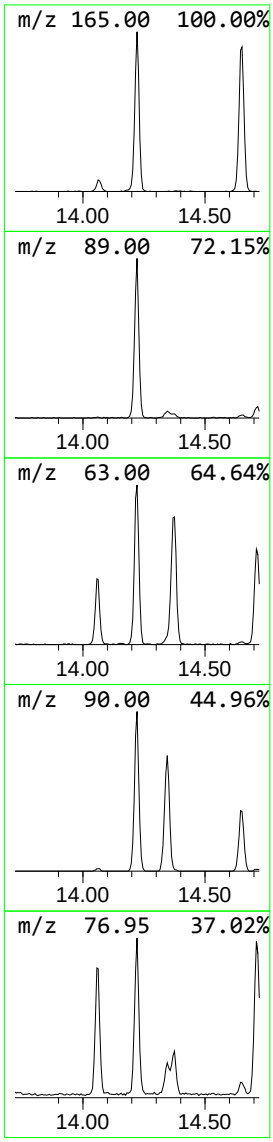
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 2-methyl-1,3-dinitro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.221	4.77 ng/ul	865794	Acenaphthene-d10	14.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-methyl-1,3-dinitro-	182	C7H6N2O4	000606-20-2	81
2	Benzene, 2-methyl-1,3-dinitro-	182	C7H6N2O4	000606-20-2	74
3	Benzene, 1-methyl-2,4-dinitro-	182	C7H6N2O4	000121-14-2	58
4	Benzene, 1-methyl-2,4-dinitro-	182	C7H6N2O4	000121-14-2	50
5	Benzene, 1-methyl-2,3-dinitro-	182	C7H6N2O4	000602-01-7	40





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Misc :
ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
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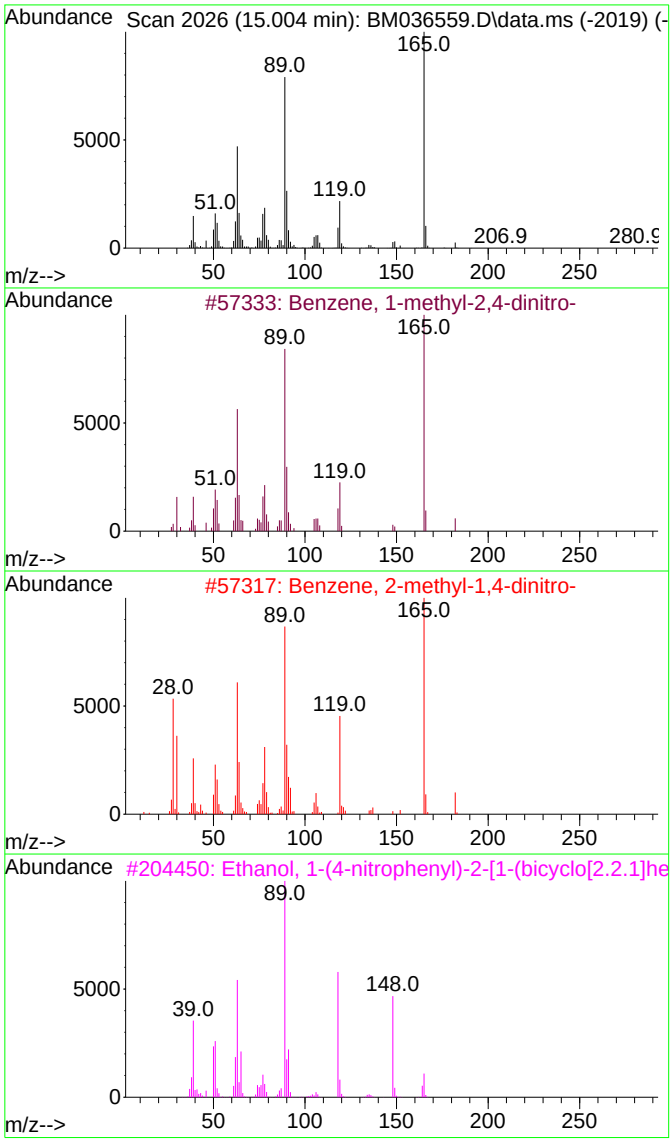
Quant Title : SVOA CALIBRATION

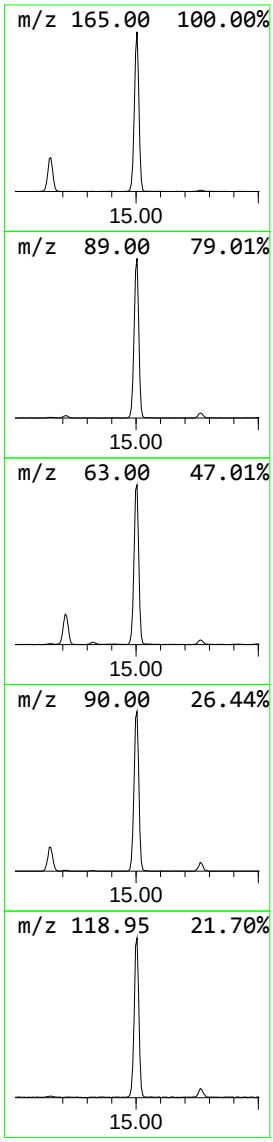
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-methyl-2,4-dinitro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.004	14.07 ng/ul	2554780	Acenaphthene-d10	14.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2,4-dinitro-	182	C7H6N2O4	000121-14-2	91
2	Benzene, 2-methyl-1,4-dinitro-	182	C7H6N2O4	000619-15-8	56
3	Ethanol, 1-(4-nitrophenyl)-2-[1-...	304	C17H24N2O3	1000264-75-7	39
4	Methyl glycolate, TMS derivative	162	C6H14O3Si	1000366-86-9	32
5	6-Nitro-o-tolunitrile	162	C8H6N2O2	001885-76-3	25





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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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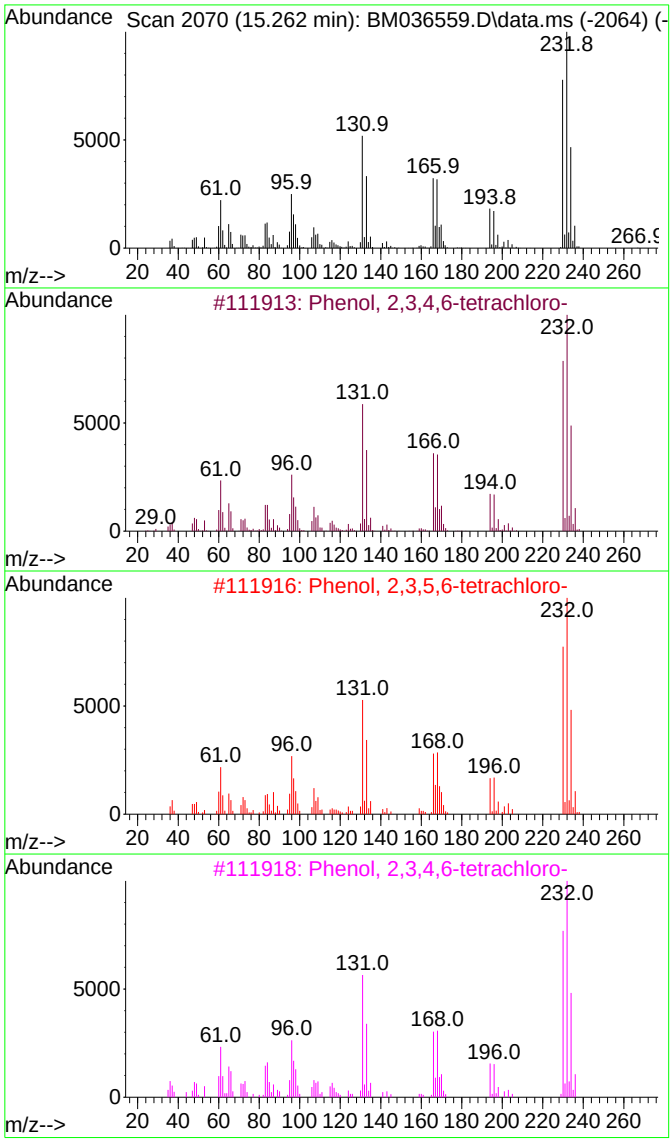
Quant Title : SVOA CALIBRATION

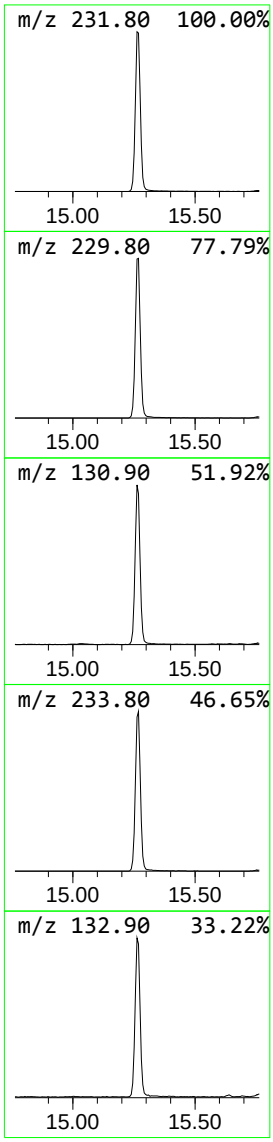
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenol, 2,3,4,6-tetrachloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.262	20.36 ng/ul	3697130	Acenaphthene-d10	14.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	99
2	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	99
3	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	99
4	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	98
5	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	98





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Operator : CG/JU
Sample : N4601-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

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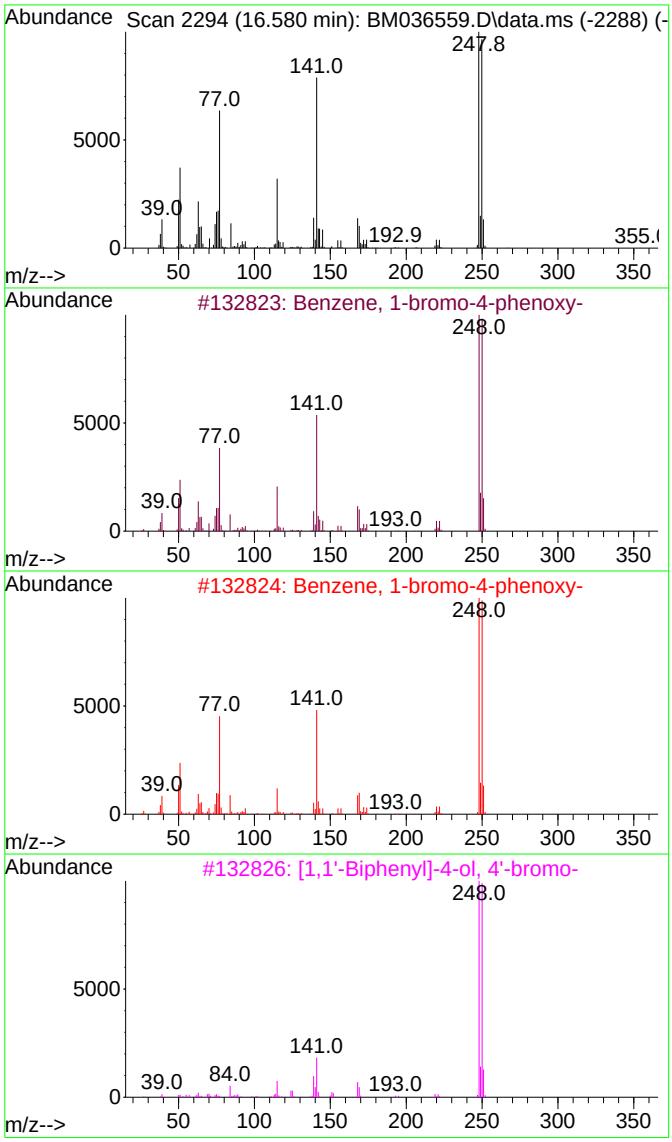
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

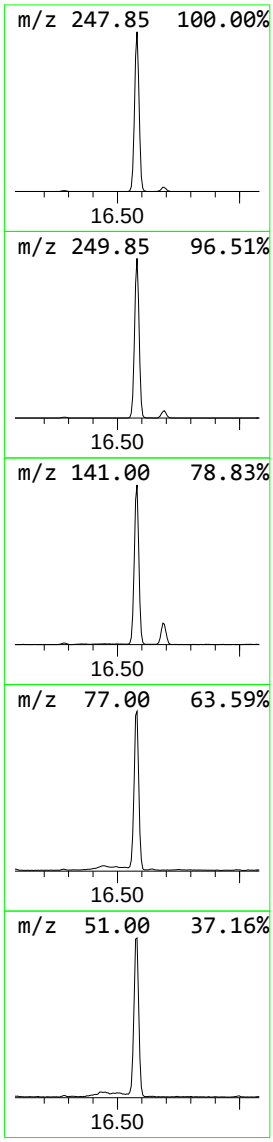
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-bromo-4-phenoxy- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.580	11.27 ng/ul	2507840	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-4-phenoxy-	248	C12H9BrO	000101-55-3	99
2	Benzene, 1-bromo-4-phenoxy-	248	C12H9BrO	000101-55-3	97
3	[1,1'-Biphenyl]-4-ol, 4'-bromo-	248	C12H9BrO	029558-77-8	60
4	3-Bromophenyl phenyl ether	248	C12H9BrO	006876-00-2	53
5	1,2-Dichlorophenazine	248	C12H6Cl2N2	003368-42-1	27





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Sample : N4601-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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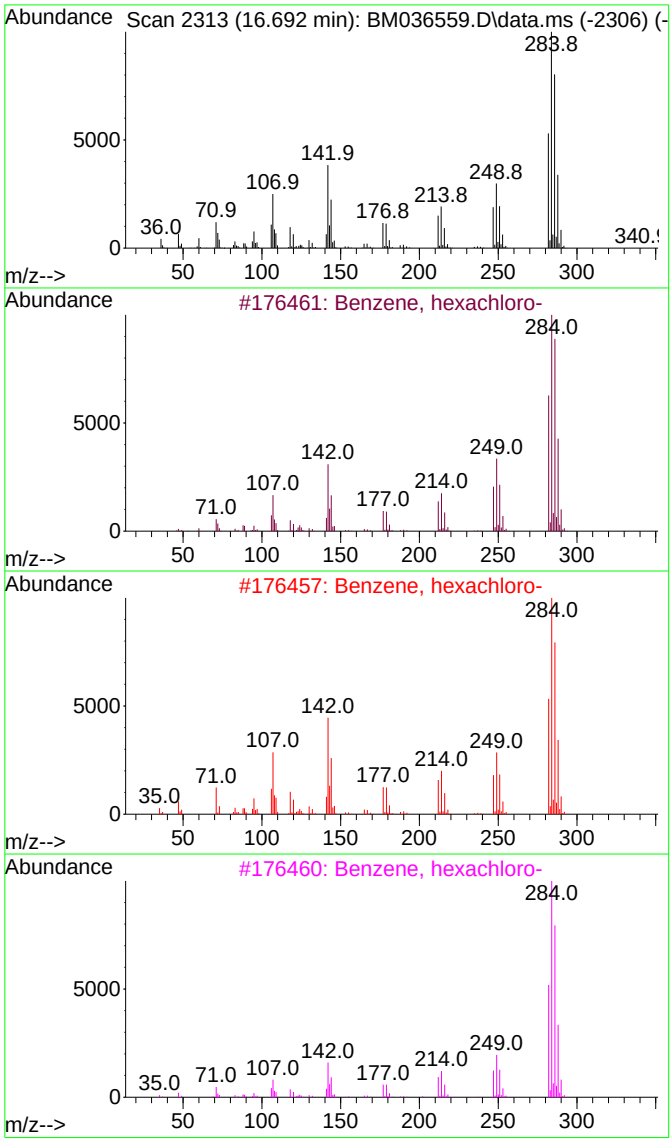
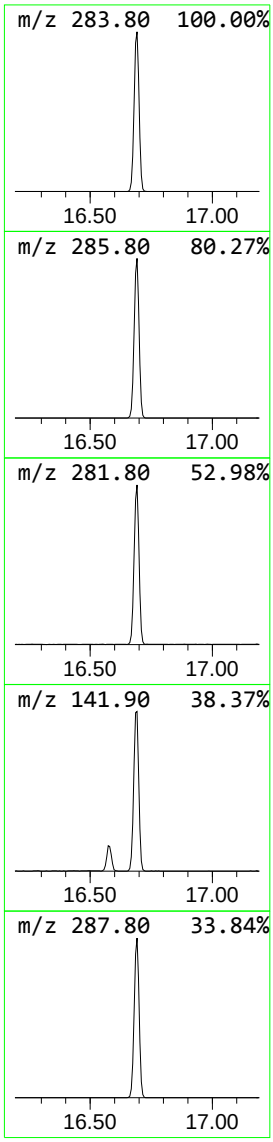
Peak Number 13 Benzene, hexachloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.692	17.41 ng/ul	3873180	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, hexachloro-	282	C6Cl6	000118-74-1	99
2	Benzene, hexachloro-	282	C6Cl6	000118-74-1	99
3	Benzene, hexachloro-	282	C6Cl6	000118-74-1	99
4	Benzene, hexachloro-	282	C6Cl6	000118-74-1	99
5	Benzene, hexachloro-	282	C6Cl6	000118-74-1	96





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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

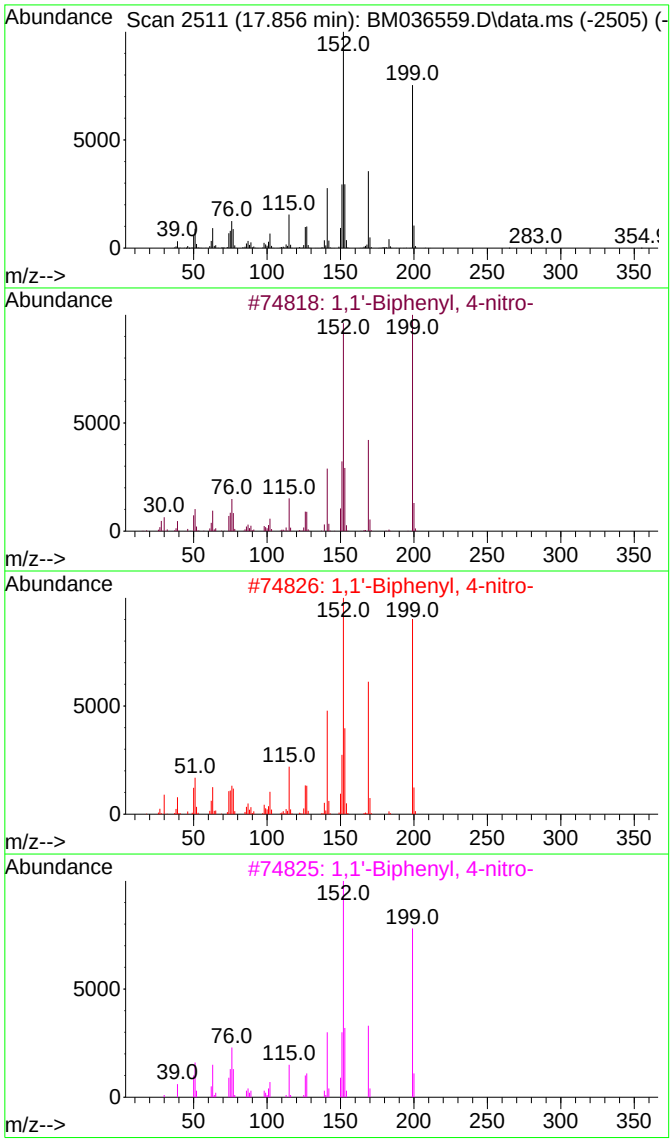
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

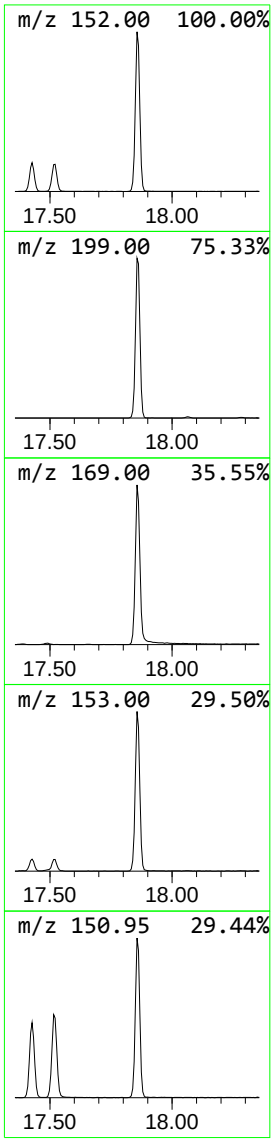
****

Peak Number 14 1,1'-Biphenyl, 4-nitro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.856	16.95 ng/ul	3771840	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	99
2	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	98
3	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	98
4	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	97
5	Acenaphthylene, 1,2-dihydro-5-ni...	199	C12H9NO2	000602-87-9	90





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ALS Vial : 5 Sample Multiplier: 1

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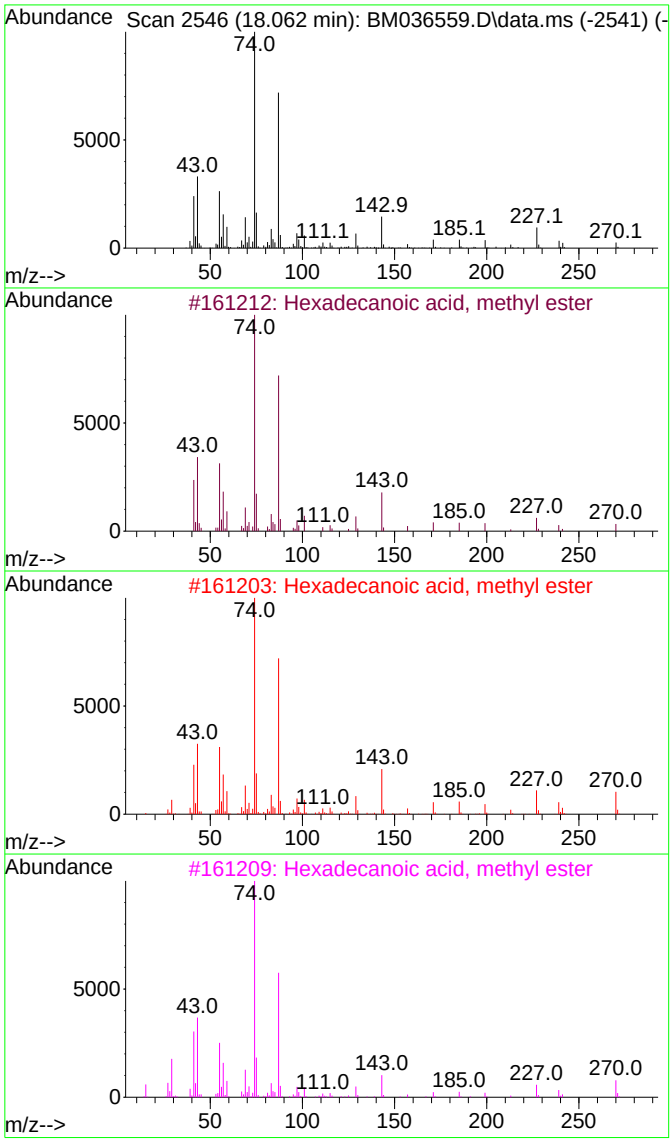
Quant Title : SVOA CALIBRATION

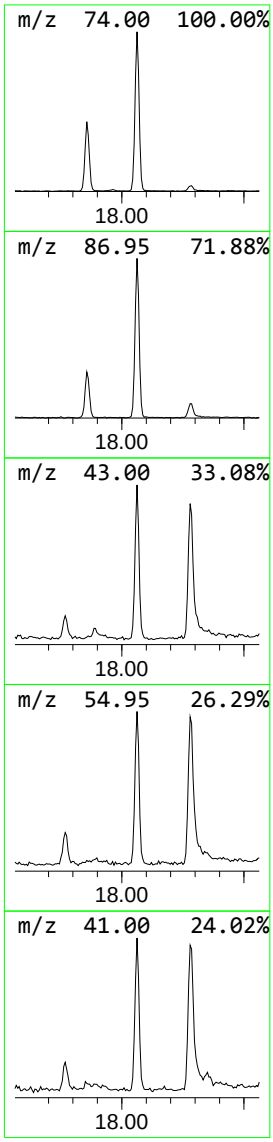
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Hexadecanoic acid, methyl e... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.062	2.43 ng/ul	540957	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	99
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	95
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	94





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Quant Title : SVOA CALIBRATION

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

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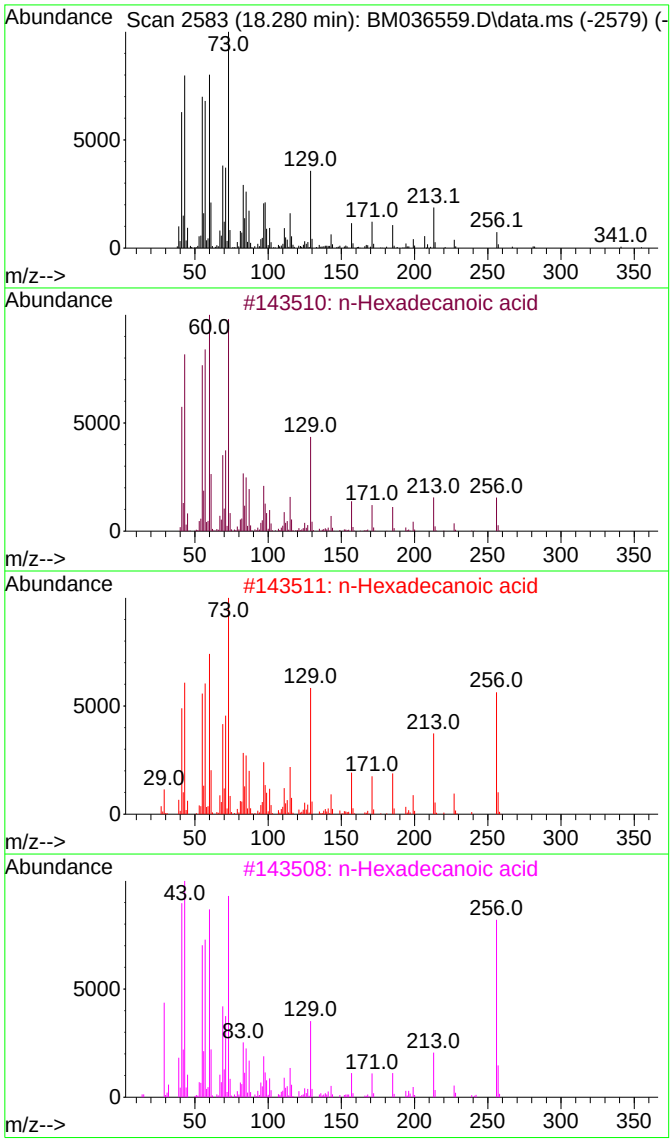
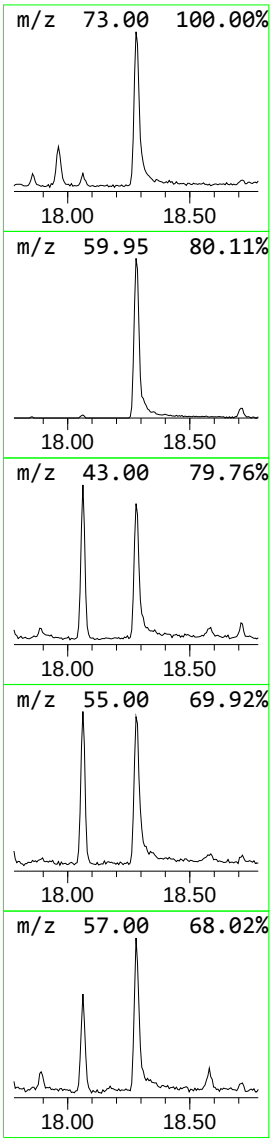
Peak Number 16 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.280	2.76 ng/ul	615135	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	94





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Data File : BM036559.D
Acq On : 16 Sep 2022 11:58
Operator : CG/JU
Sample : N4601-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5788

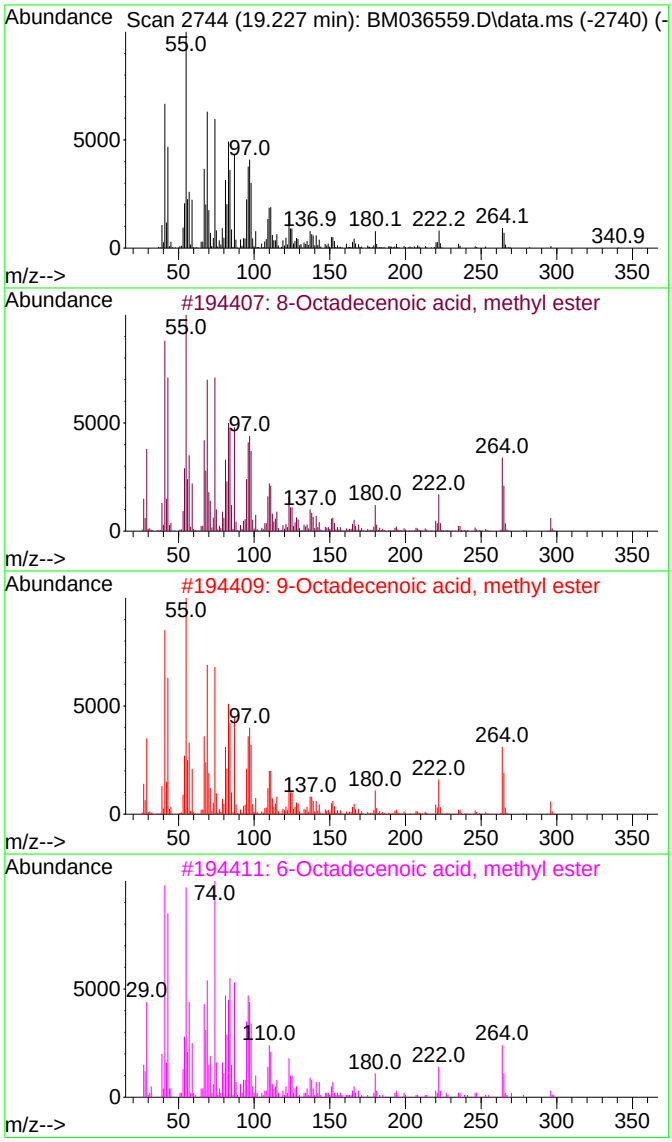
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

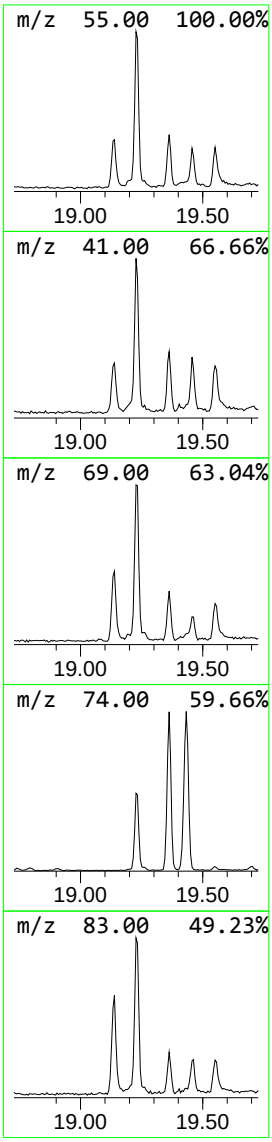
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 8-Octadecenoic acid, methyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.227	3.56 ng/ul	792648	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
2	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
3	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99
4	8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	99
5	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1010333-58-3	99





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Data File : BM036559.D
Acq On : 16 Sep 2022 11:58
Operator : CG/JU
Sample : N4601-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5788

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

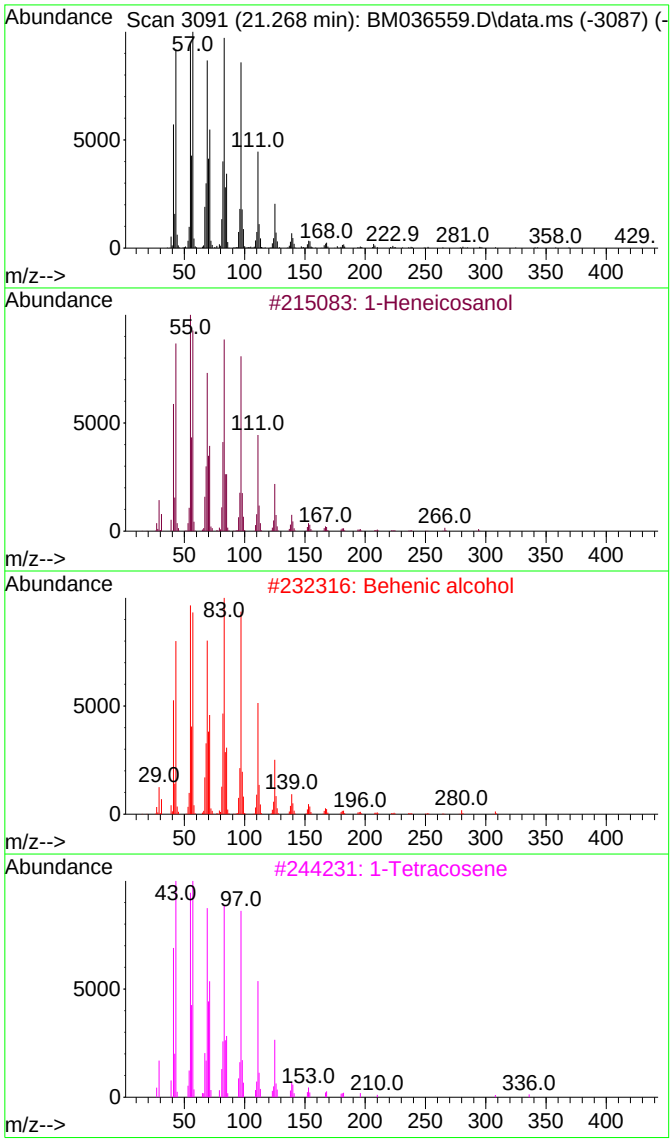
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

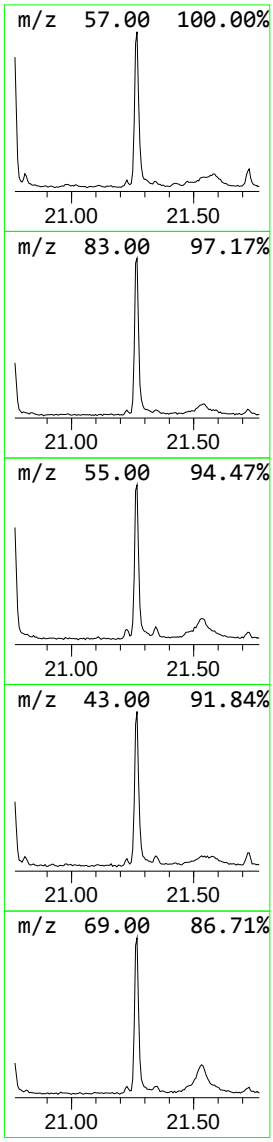
****

Peak Number 18 1-Heneicosanol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.268	2.45 ng/ul	1161690	Chrysene-d12	21.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	1-Tetracosene	336	C24H48	010192-32-2	94
4	Pentacos-1-ene	350	C25H50	016980-85-1	94
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94





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Data File : BM036559.D
Acq On : 16 Sep 2022 11:58
Operator : CG/JU
Sample : N4601-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5788

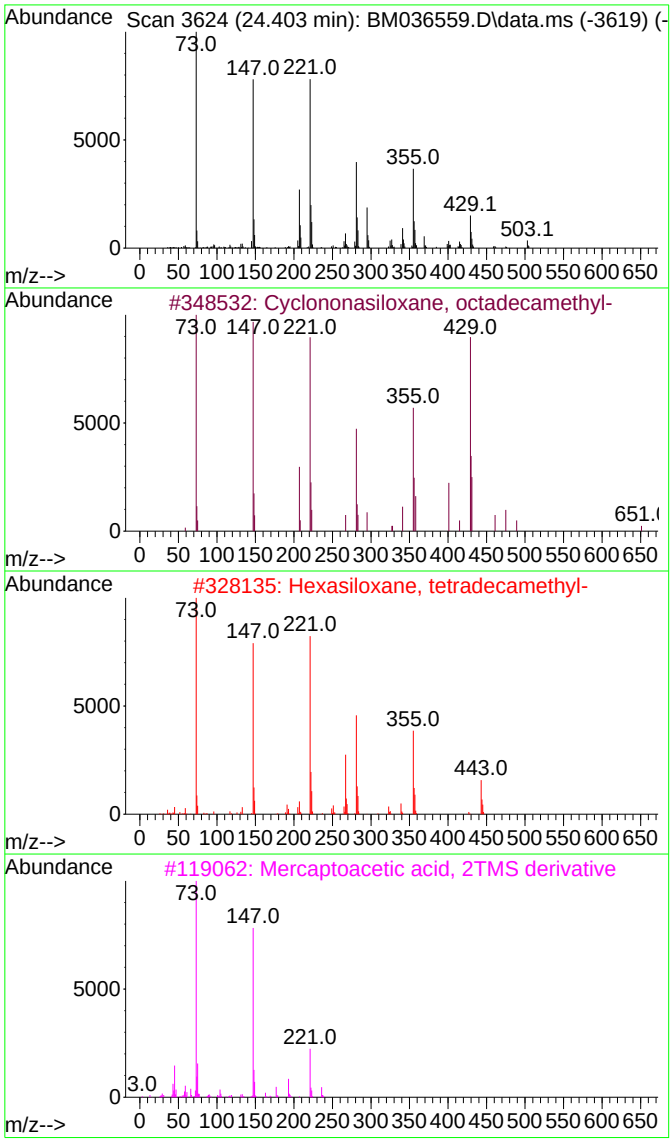
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

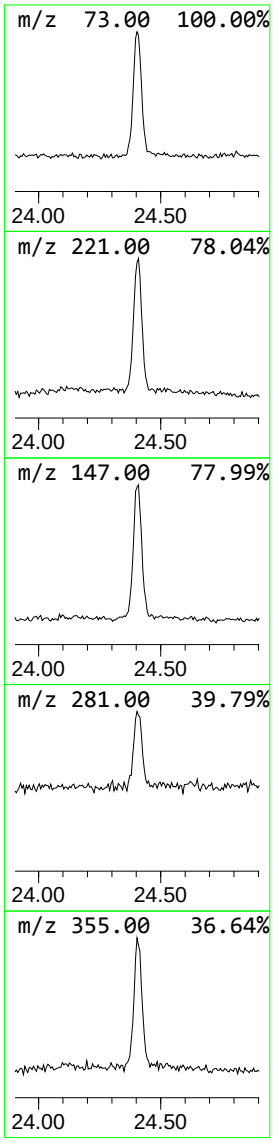
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Cyclononasiloxane, octadeca... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.403	2.54 ng/ul	622253	Perylene-d12	23.997

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	91
2	Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	87
3	Mercaptoacetic acid, 2TMS deriva...	236	C8H20O2SSi2	006398-62-5	38
4	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	38
5	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	37





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Data File : BM036559.D
Acq On : 16 Sep 2022 11:58
Operator : CG/JU
Sample : N4601-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5788

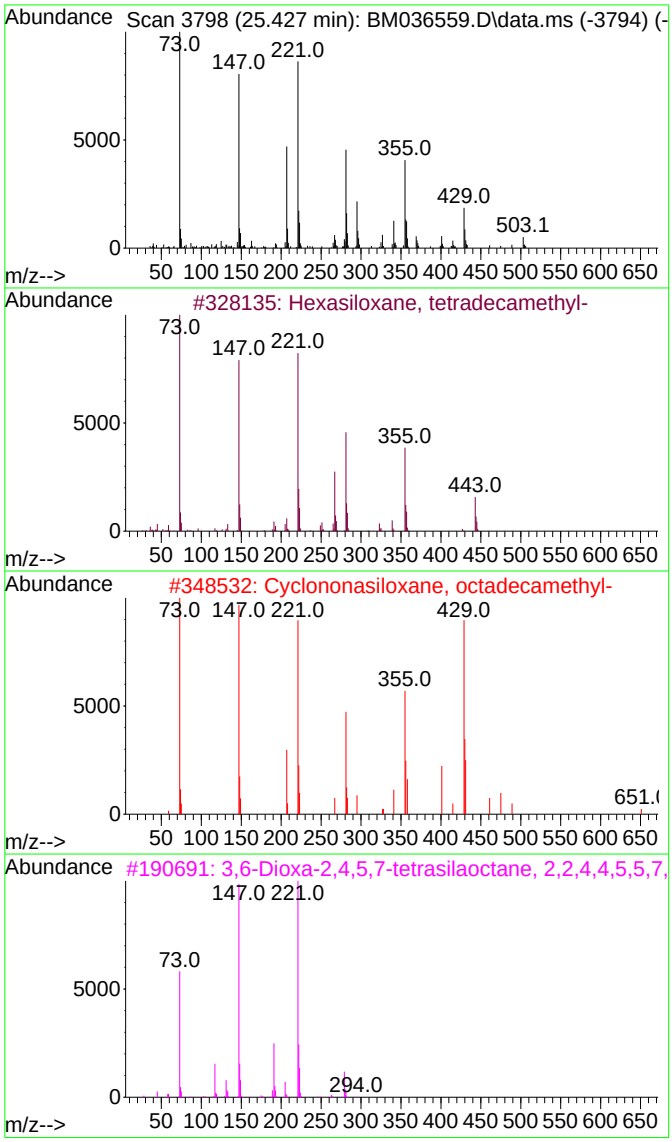
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

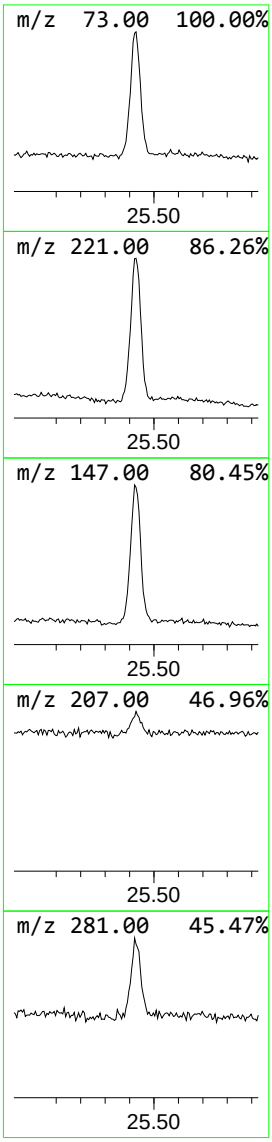
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Hexasiloxane, tetradecamethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.427	2.67 ng/ul	654507	Perylene-d12	23.997

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	59
2	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	50
3	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	32
4	Mercaptoethanol, 2TMS derivative	222	C8H22OSSi2	078921-31-0	22
5	Piperidine, 1-(5-trifluoromethyl...	295	C15H16F3N3	1000268-74-7	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091622\
Data File : BM036559.D
Acq On : 16 Sep 2022 11:58
Operator : CG/JU
Sample : N4601-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5788

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	23.6	ng/ul	1954760	1	8.028	1656140	20.0
2-Pentanone, 4-...	5.104	7.7	ng/ul	633710	1	8.028	1656140	20.0
Bis(2-chloroiso...	8.557	12.1	ng/ul	1001820	1	8.028	1656140	20.0
Bis(2-chloroeth...	10.245	7.5	ng/ul	979531	2	10.839	2601190	20.0
Phenol, 4-chlor...	12.104	36.9	ng/ul	4792940	2	10.839	2601190	20.0
Hexachloro cycl...	12.833	8.8	ng/ul	1599810	3	14.651	3632230	20.0
Phenol, 2,4,6-t...	13.086	7.8	ng/ul	1418820	3	14.651	3632230	20.0
Naphthalene, 1-...	13.533	16.8	ng/ul	3048380	3	14.651	3632230	20.0
Benzene, 2-meth...	14.221	4.8	ng/ul	865794	3	14.651	3632230	20.0
Benzene, 1-meth...	15.004	14.1	ng/ul	2554780	3	14.651	3632230	20.0
Phenol, 2,3,4,6...	15.262	20.4	ng/ul	3697130	3	14.651	3632230	20.0
Benzene, 1-brom...	16.580	11.3	ng/ul	2507840	4	17.386	4450380	20.0
Benzene, hexach...	16.692	17.4	ng/ul	3873180	4	17.386	4450380	20.0
1,1'-Biphenyl, ...	17.856	16.9	ng/ul	3771840	4	17.386	4450380	20.0
Hexadecanoic ac...	18.062	2.4	ng/ul	540957	4	17.386	4450380	20.0
n-Hexadecanoic ...	18.280	2.8	ng/ul	615135	4	17.386	4450380	20.0
8-Octadecenoic ...	19.227	3.6	ng/ul	792648	4	17.386	4450380	20.0
1-Heneicosanol	21.268	2.5	ng/ul	1161690	5	21.550	9493340	20.0
Cyclononasiloxa...	24.403	2.5	ng/ul	622253	6	23.997	4894680	20.0
Hexasiloxane, t...	25.427	2.7	ng/ul	654507	6	23.997	4894680	20.0