LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016139.D
Acq On : 09 Jul 2023 19:03
Operator : MA/JU
Sample : 03356-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : YBW34

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016139.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.305	17	20	24	rBV3	29268	44105	0.63%	0.053%
2	3.346	24	27	34	rVB	70624	103445	1.48%	0.124%
3	3.793	101	103	129	rBV	570025	1296179	18.58%	1.558%
4	4.658	244	250	256	rVB5	17257	31388	0.45%	0.038%
5	4.840	277	281	288	rVB7	12119	22000	0.32%	0.026%
6	7.216	677	685	702	rBV	536446	1825332	26.17%	2.194%
7	7.346	702	707	734	rVV	615294	1604269	23.00%	1.928%
8	7.552	736	742	767	rVV	768897	1855562	26.61%	2.230%
9	8.016	815	821	843	rBV	450520	1339116	19.20%	1.609%
10	8.675	931	933	938	rVB6	5019	7333	0.11%	0.009%
11	8.769	942	949	981	rBV	644014	2338084	33.52%	2.810%
12	9.222	1017	1026	1052	rBV	664965	1910410	27.39%	2.296%
13	9.522	1074	1077	1084	rVB7	7534	12427	0.18%	0.015%
14	9.957	1143	1151	1180	rBV	417216	1622341	23.26%	1.950%
15	10.228	1191	1197	1200	rBV6	12798	21272	0.30%	0.026%
16	10.540	1242	1250	1294	rVV	406552	2216448	31.78%	2.664%
17	10.846	1295	1302	1322	rVB	779477	1987346	28.49%	2.388%
18	11.046	1329	1336	1370	rBV	415238	1996904	28.63%	2.400%
19	11.593	1421	1429	1430	rVB7	3518	7199	0.10%	0.009%
20	11.716	1445	1450	1455	rVB9	4308	8287	0.12%	0.010%
21	11.934	1483	1487	1492	rBV6	5287	10638	0.15%	0.013%
22	12.028	1498	1503	1507	rBV	24893	43084	0.62%	0.052%
23	12.316	1547	1552	1556	rVB8	6368	10268	0.15%	0.012%
24	12.387	1558	1564	1565	rBV6	12293	19355	0.28%	0.023%
25	12.522	1583	1587	1593	rBV9	10195	26609	0.38%	0.032%
26	12.745	1621	1625	1628	rBV6	8767	14481	0.21%	0.017%
27	12.775	1628	1630	1636	rVB6	6034	10756	0.15%	0.013%
28	12.922	1652	1655	1657	rBV3	15750	20359	0.29%	0.024%
29	12.951	1657	1660	1664	rVV3	15963	26020	0.37%	0.031%
30	13.040	1671	1675	1679	rBV	32873	43525	0.62%	0.052%
31	13.140	1685	1692	1697	rBV4	31009	77714	1.11%	0.093%
32	13.193	1697	1701	1709	rVB4	36702	70856	1.02%	0.085%
33	13.275	1709	1715	1716	rBV5	17285	28112	0.40%	0.034%
34	13.363	1725	1730	1733	rBV5	25754	46709	0.67%	0.056%
35	13.487	1747	1751	1754	rVB3	13240	17154	0.25%	0.021%
36	13.522	1755	1757	1759	rBV2	13680	15322	0.22%	0.018%

LSC Area Percent Report

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Operator : MA/JU
Sample : 03356-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW34

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Title : SVOA CALIBRATION

37	13.675	1775	1783	1790	rVB3	132028	305089	4.37%	0.367%
38	13.734	1790	1793	1795	rBV3	16200	17943	0.26%	0.022%
39	13.769	1795	1799	1803	rVB2	35733	54968	0.79%	0.066%
40	13.875	1813	1817	1820	rVB3	17936	21578	0.31%	0.026%
41	13.916	1820	1824	1828	rBV4	18556	31578	0.45%	0.038%
42	13.992	1833	1837	1840	rBV4	18187	29716	0.43%	0.036%
43	14.087	1847	1853	1878	rBV	1556578	3559580	51.04%	4.278%
44	14.363	1894	1900	1922	rBV2	2358761	4371214	62.67%	5.253%
45	14.569	1931	1935	1939	rVB	111585	135560	1.94%	0.163%
46	14.669	1945	1952	1968	rBV	1525817	2769495	39.71%	3.328%
47	14.787	1969	1972	1976	rVB2	53775	73153	1.05%	0.088%
48	15.039	2007	2015	2026	rBV6	151198	739596	10.60%	0.889%
49	15.439	2079	2083	2086	rBV2	61170	94788	1.36%	0.114%
50	15.551	2098	2102	2109	rVB	189231	239907	3.44%	0.288%
51	15.675	2115	2123	2137	rBV	2482184	5679606	81.43%	6.825%
52	15.875	2152	2157	2170	rBV3	293463	1063808	15.25%	1.278%
53	16.051	2182	2187	2195	rVB	651448	1017334	14.59%	1.223%
54	16.181	2206	2209	2214	rBV2	72369	100630	1.44%	0.121%
55	16.298	2226	2229	2233	rVB2	197885	238703	3.42%	0.287%
56	16.604	2276	2281	2291	rVB3	257699	511638	7.34%	0.615%
57	16.763	2303	2308	2314	rVB	671338	883181	12.66%	1.061%
58	16.828	2315	2319	2324	rBV	230794	325779	4.67%	0.391%
59	16.881	2325	2328	2337	rVB3	86202	184310	2.64%	0.221%
60	17.433	2416	2422	2431	rBV2	2119884	3766461	54.00%	4.526%
61	17.539	2433	2440	2449	rBV2	2412085	5432623	77.89%	6.529%
62	18.157	2540	2545	2552	rVB	488860	770676	11.05%	0.926%
63	18.286	2563	2567	2574	rBV4	424120	760896	10.91%	0.914%
64	18.533	2607	2609	2616	rVB2	140071	187200	2.68%	0.225%
65	18.733	2639	2643	2649	rVB2	588158	1064734	15.27%	1.280%
66	19.075	2697	2701	2708	rBV	886162	1145661	16.43%	1.377%
67	19.145	2709	2713	2719	rVB2	325563	486178	6.97%	0.584%
68	19.357	2745	2749	2752	rBV3	113410	190416	2.73%	0.229%
69	19.604	2788	2791	2796	rVB	634068	719292	10.31%	0.864%
70	19.669	2799	2802	2805	rBV	196878	252417	3.62%	0.303%
71	19.769	2814	2819	2837	rBV	3316219	6974484	100.00%	8.381%
72	20.122	2876	2879	2884	rVB	432810	493644	7.08%	0.593%
73	20.592	2957	2959	2965	rVB	344729	366194	5.25%	0.440%
74	20.839	2998	3001	3005	rBV	807834	885939	12.70%	1.065%
75	20.904	3009	3012	3016	rVB	309791	315381	4.52%	0.379%
76	21.169	3054	3057	3060	rBV	195898	214461	3.07%	0.258%

LSC Area Percent Report

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Data File : BP016139.D
Acq On : 09 Jul 2023 19:03
Operator : MA/JU
Sample : 03356-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW34

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Title : SVOA CALIBRATION

77	21.280	3073	3076	3082	rVB	664819	773169	11.09%	0.929%
78	21.339	3083	3086	3092	rBV2	282491	377754	5.42%	0.454%
79	21.551	3117	3122	3130	rBV2	1294142	3032057	43.47%	3.644%
80	21.716	3147	3150	3155	rVB	358887	449992	6.45%	0.541%
81	22.451	3272	3275	3281	rVB	587607	828694	11.88%	0.996%
82	22.745	3321	3325	3332	rVB	682200	1058417	15.18%	1.272%
83	23.010	3366	3370	3375	rVB	309893	451472	6.47%	0.543%
84	23.898	3514	3521	3537	rBV2	2239267	5876809	84.26%	7.062%
85	24.074	3545	3551	3575	rVB	918786	3158980	45.29%	3.796%

Sum of corrected areas: 83213564

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Instrument :
BNA_P
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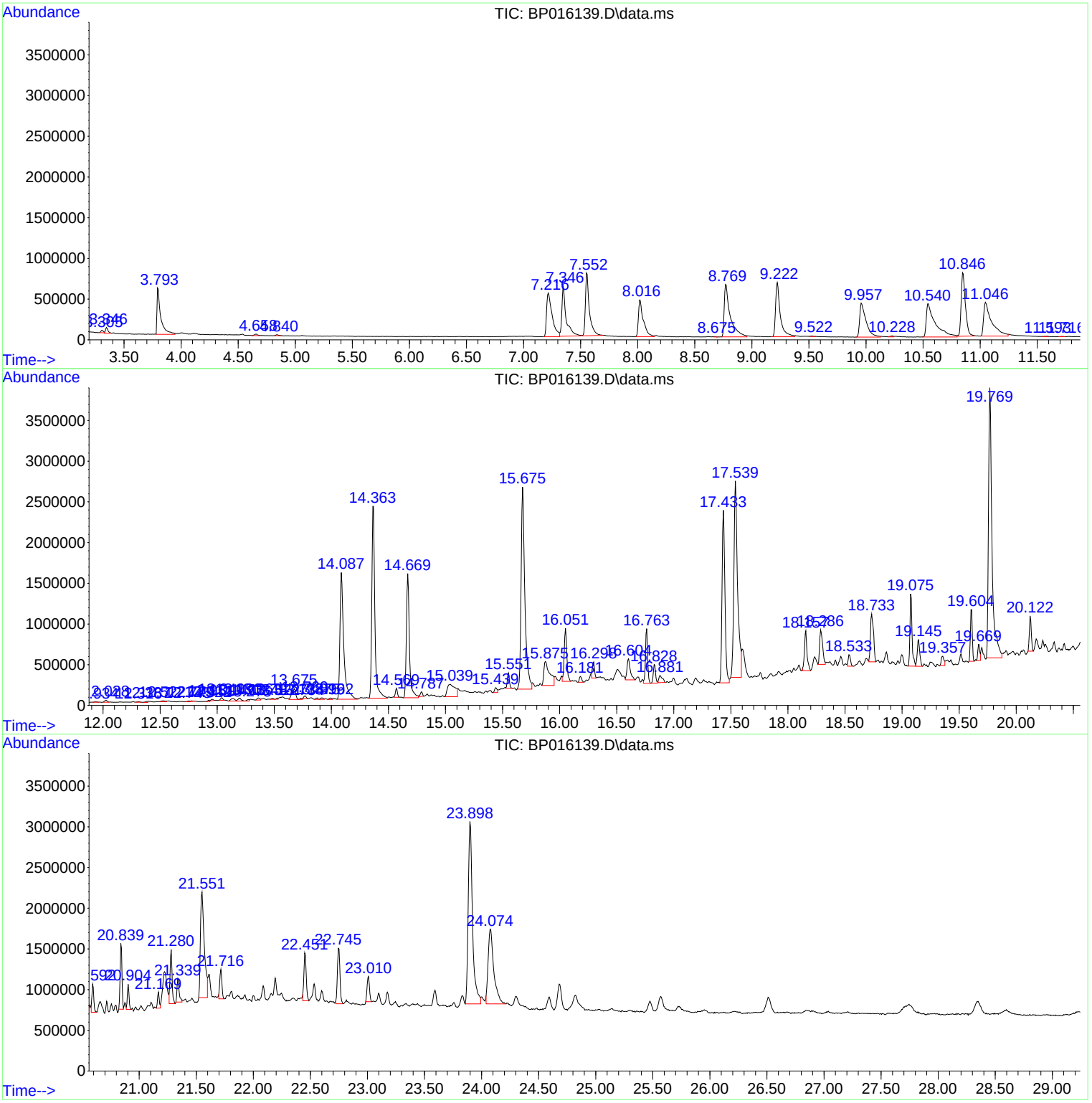
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016139.D
Acq On : 09 Jul 2023 19:03
Operator : MA/JU
Sample : 03356-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW34

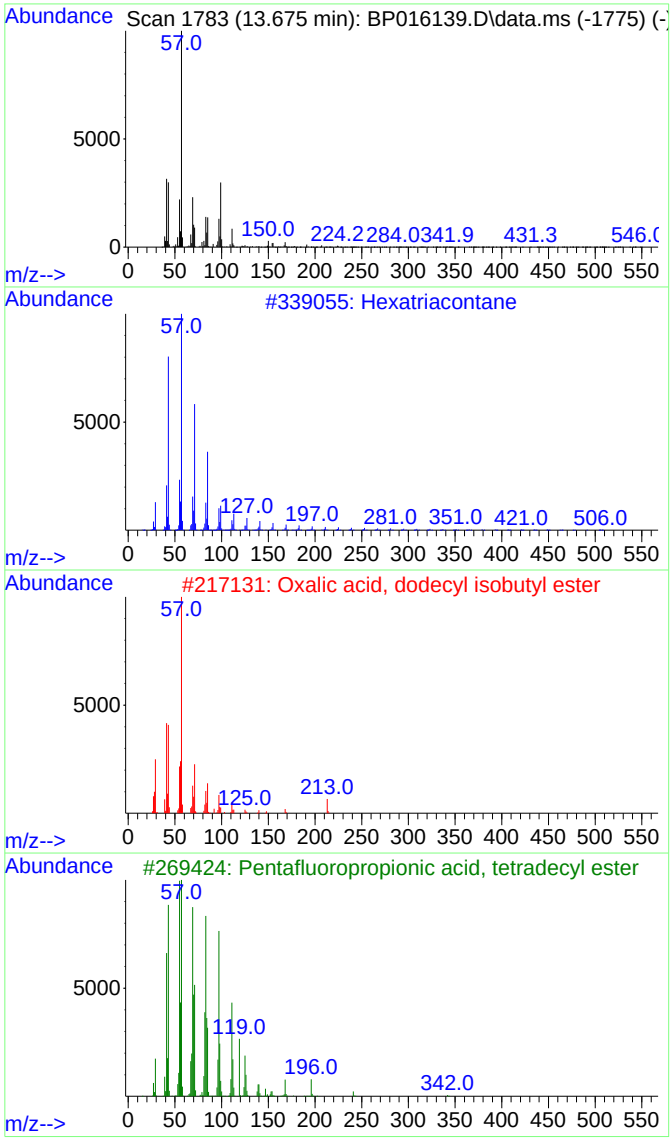
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

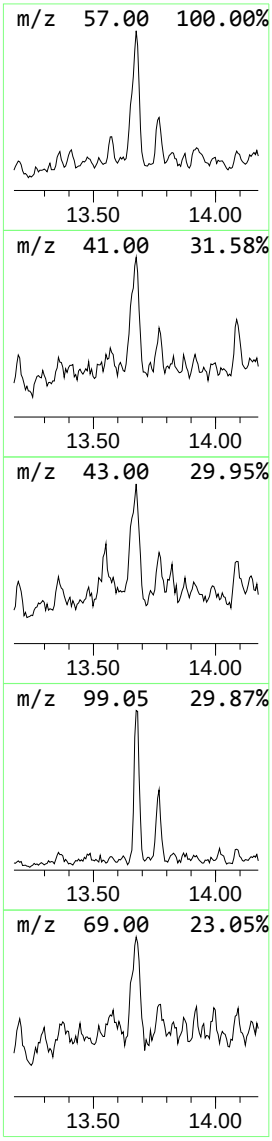
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.675	2.20 ng/ul	305089	Acenaphthene-d10	14.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	59
2	Oxalic acid, dodecyl isobutyl ester	314	C18H34O4	1000309-37-7	50
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	47
4	4-Propionyloxypentadecane	284	C18H36O2	1000245-63-2	47
5	1-Tetracosene	336	C24H48	010192-32-2	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016139.D
Acq On : 09 Jul 2023 19:03
Operator : MA/JU
Sample : 03356-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW34

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

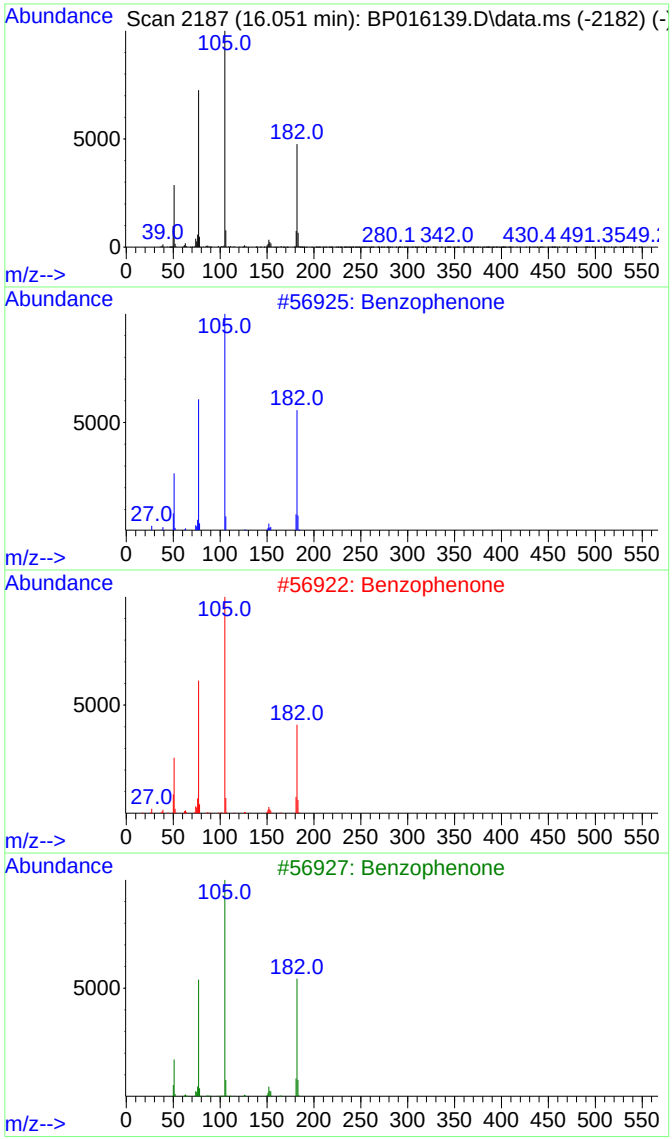
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

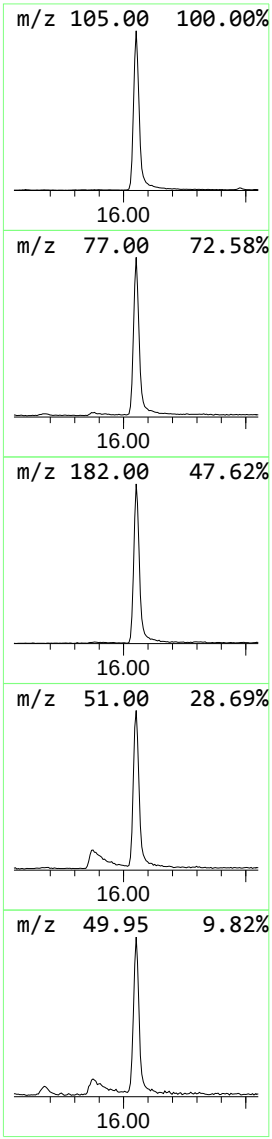
****

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.051	7.35 ng/ul	1017330	Acenaphthene-d10	14.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	90





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Data File : BP016139.D
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Sample : 03356-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW34

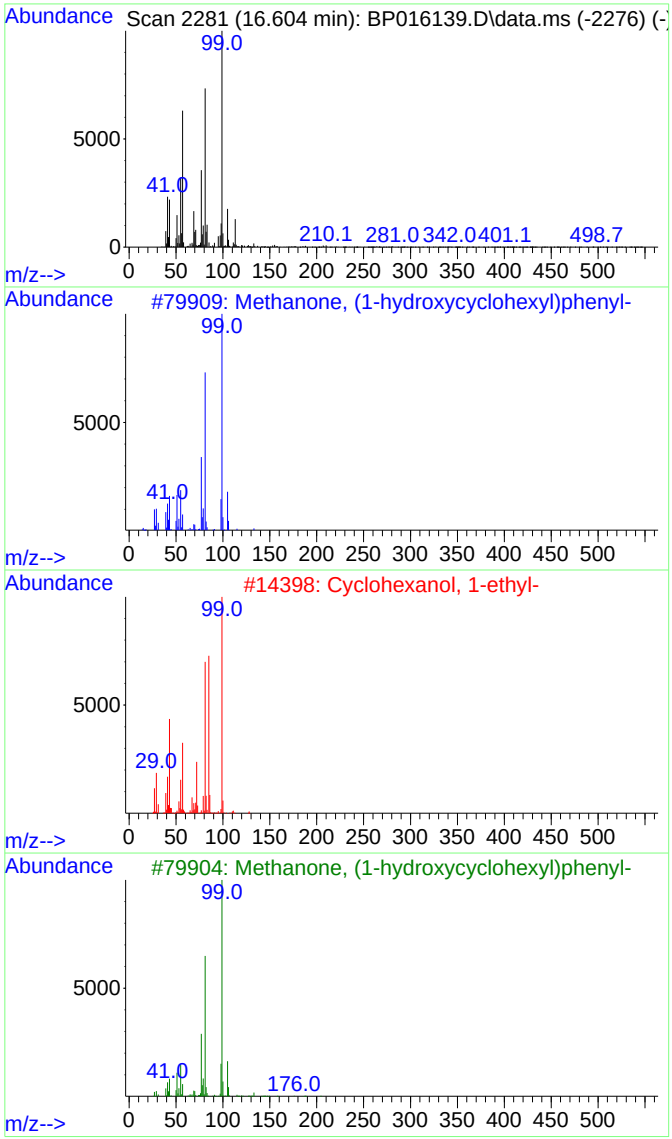
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

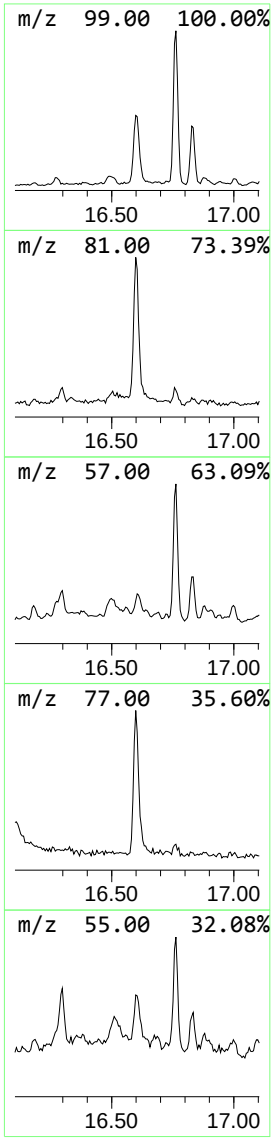
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Methanone, (1-hydroxycycloh... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.604	2.72 ng/ul	511638	Phenanthrene-d10	17.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanone, (1-hydroxycyclohexyl)...	204	C13H16O2	000947-19-3	86
2	Cyclohexanol, 1-ethyl-	128	C8H16O	001940-18-7	53
3	Methanone, (1-hydroxycyclohexyl)...	204	C13H16O2	000947-19-3	47
4	Cyclohexanol, 1-(aminomethyl)-	129	C7H15NO	004000-72-0	45
5	Cyclohexanol, 1-ethyl-	128	C8H16O	001940-18-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
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Sample : 03356-05
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ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW34

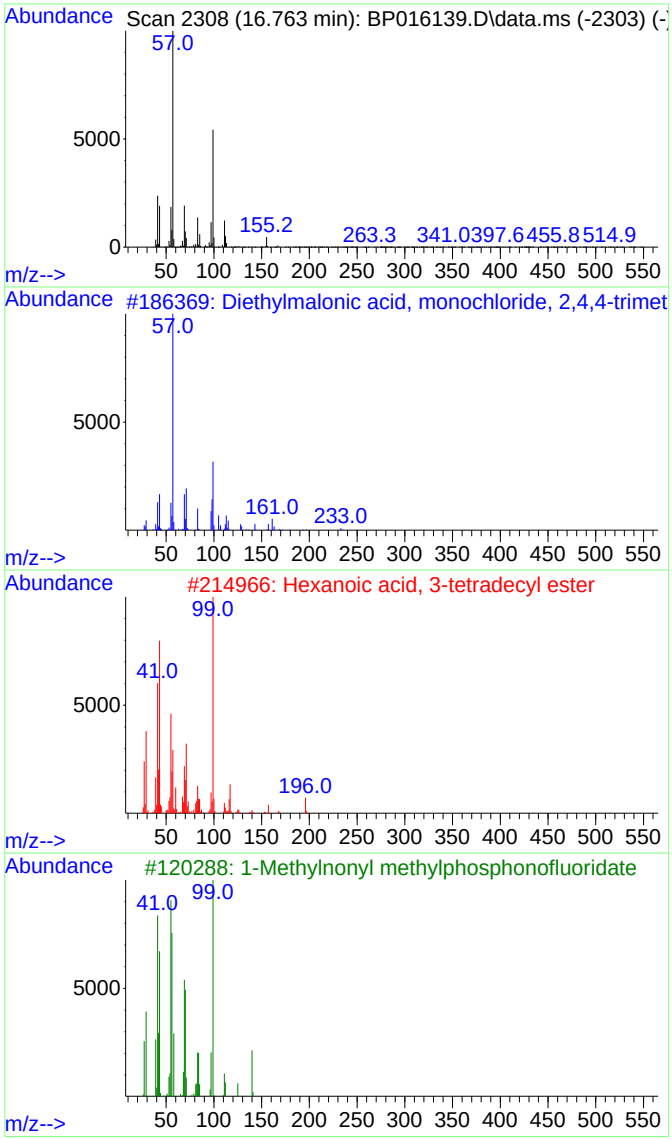
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

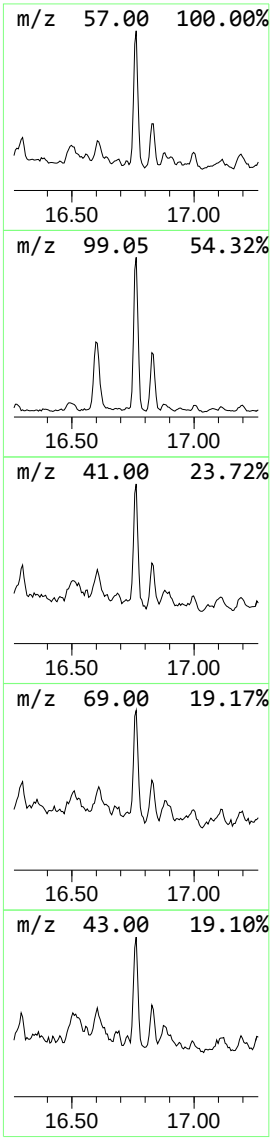
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Diethylmalonic acid, monoch... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.763	4.69 ng/ul	883181	Phenanthrene-d10	17.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylmalonic acid, monochlorid...	290	C15H27ClO3	1010369-49-2	64
2	Hexanoic acid, 3-tetradecyl ester	312	C20H40O2	1010279-29-7	47
3	1-Methylnonyl methylphosphonoflu...	238	C11H24FO2P	211192-71-1	42
4	Hexanoic acid, 2-tetradecyl ester	312	C20H40O2	055193-21-0	40
5	3,5,5-Trimethyl-1-hexyl methylph...	224	C10H22FO2P	1000298-44-9	40





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Data File : BP016139.D
Acq On : 09 Jul 2023 19:03
Operator : MA/JU
Sample : 03356-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW34

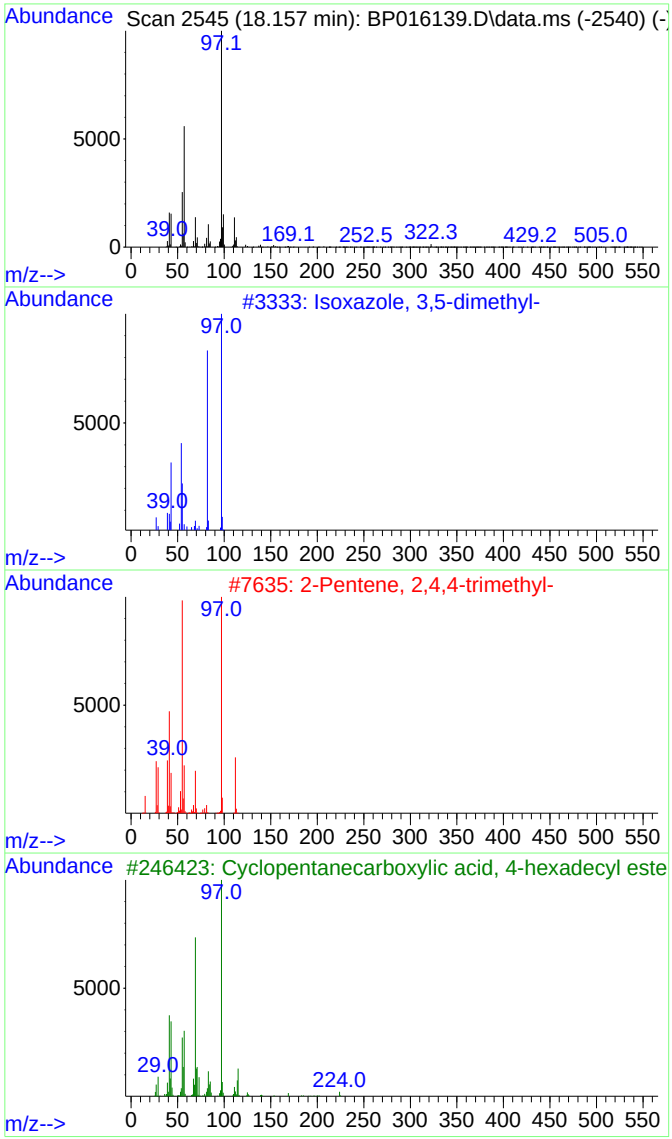
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

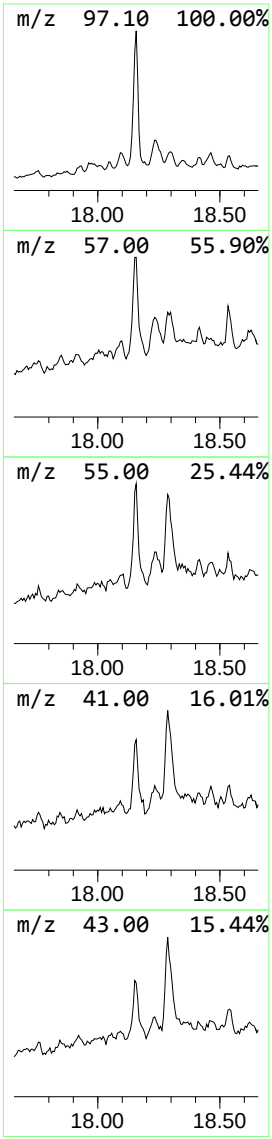
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Isoxazole, 3,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.157	4.09 ng/ul	770676	Phenanthrene-d10	17.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	59
2	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	59
3	Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	50
4	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	50
5	1H-Pyrazole, 5-ethyl-4,5-dihydro...	126	C7H14N2	021981-22-6	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016139.D
Acq On : 09 Jul 2023 19:03
Operator : MA/JU
Sample : 03356-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW34

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

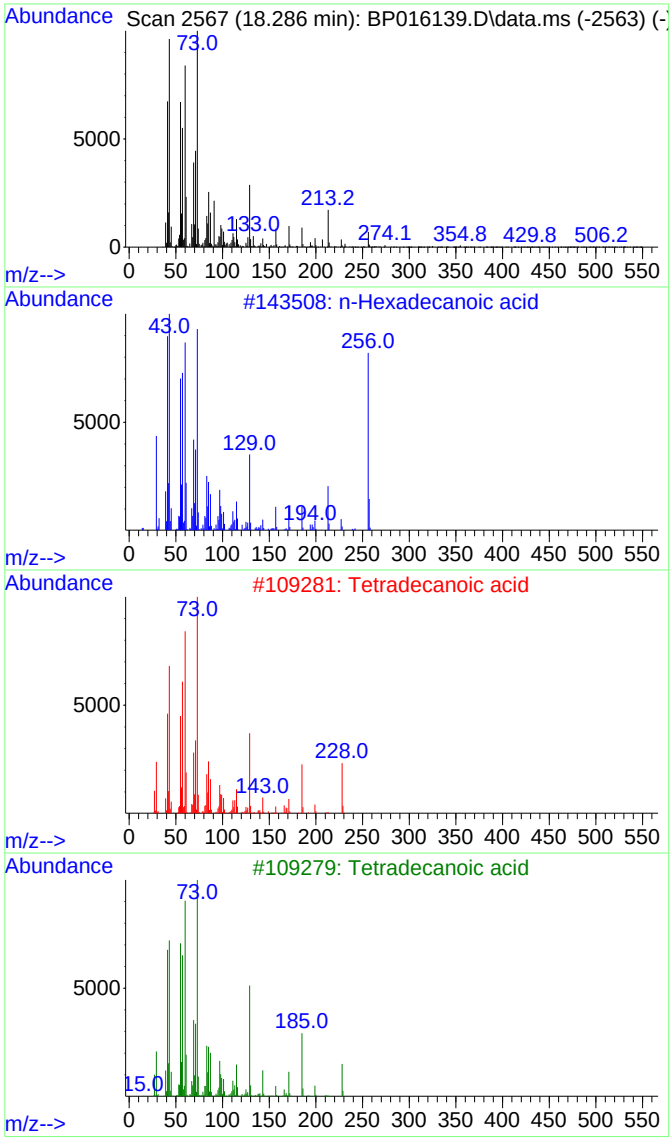
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

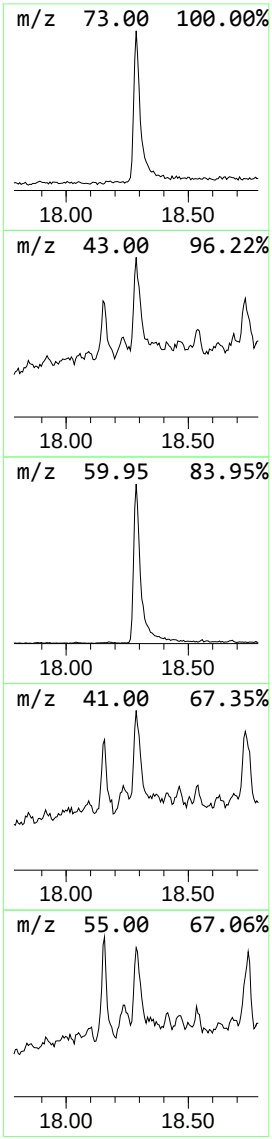
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.286	4.04 ng/ul	760896	Phenanthrene-d10	17.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90





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Acq On : 09 Jul 2023 19:03
Operator : MA/JU
Sample : 03356-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW34

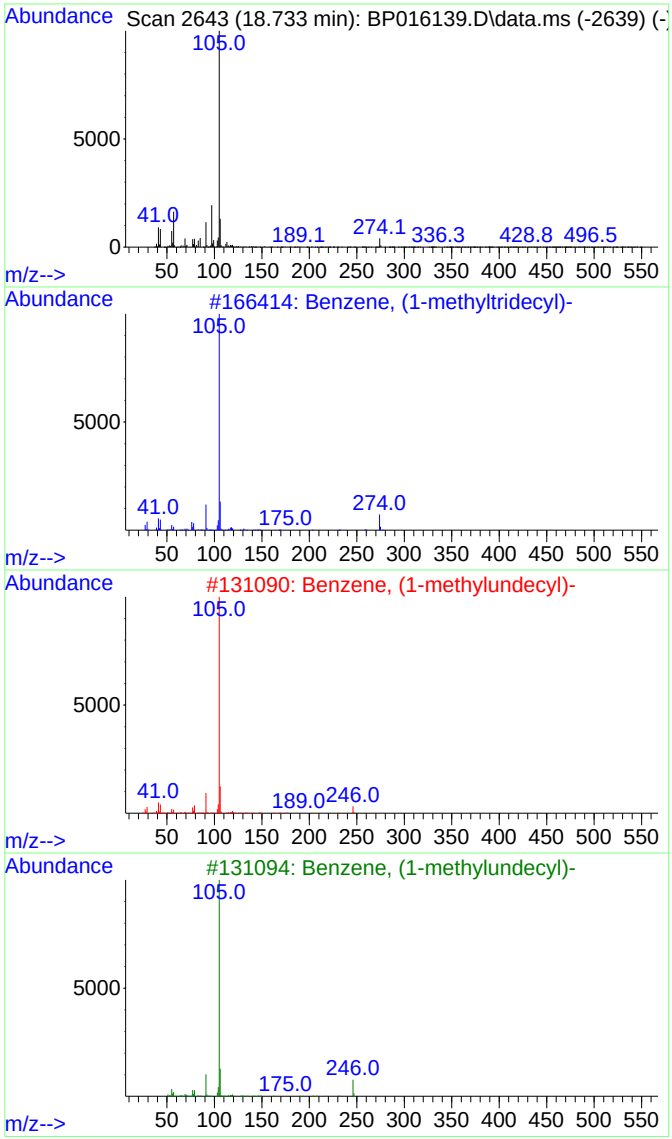
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

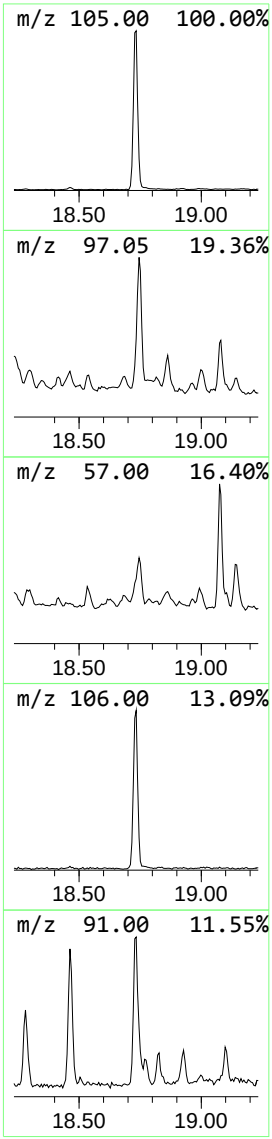
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, (1-methyltridecyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.733	5.65 ng/ul	1064730	Phenanthrene-d10	17.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyltridecyl)-	274	C20H34	004534-59-2	60
2	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	43
3	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	43
4	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	38
5	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	38





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Operator : MA/JU
Sample : 03356-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

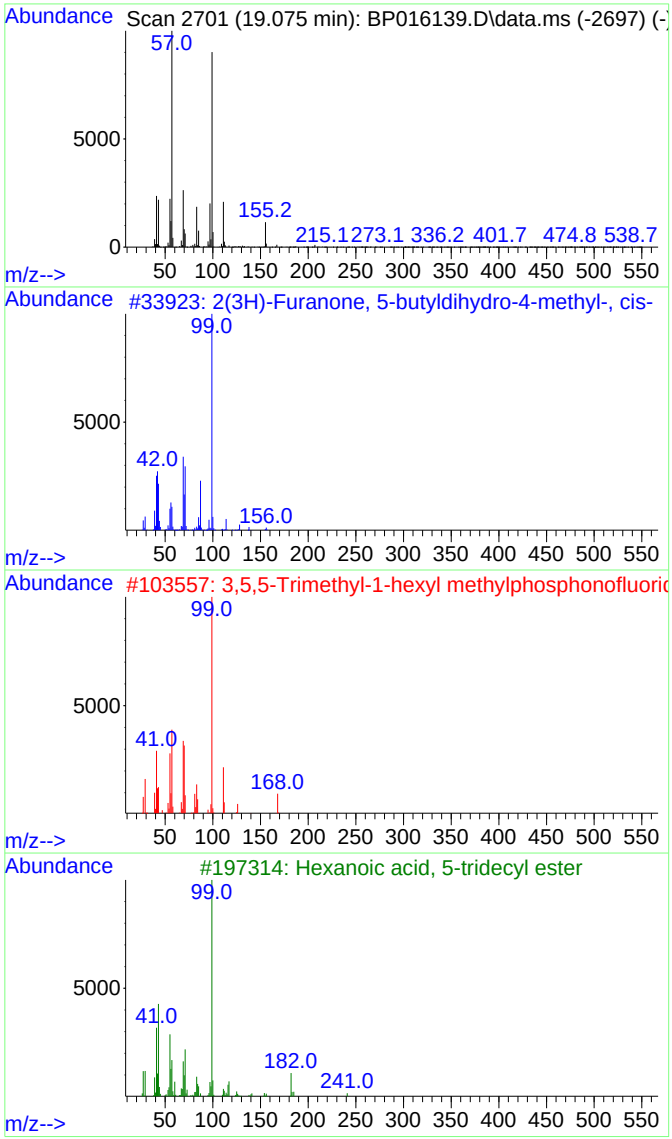
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

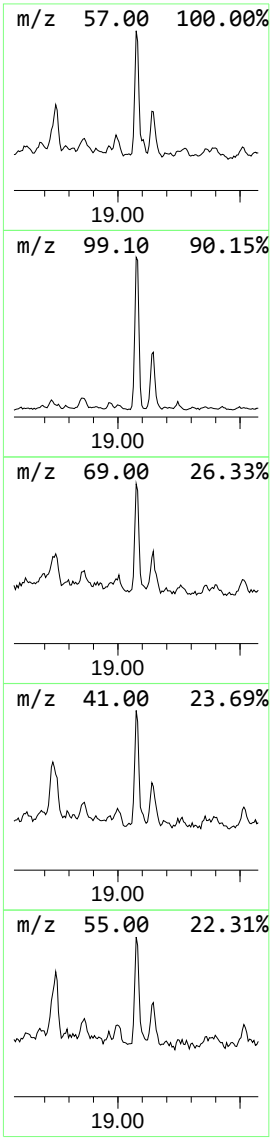
****

Peak Number 8 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.075	6.08 ng/ul	1145660	Phenanthrene-d10	17.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, 5-butyldihydro-4...	156	C9H16O2	055013-32-6	43
2	3,5,5-Trimethyl-1-hexyl methylph...	224	C10H22FO2P	1000298-44-9	42
3	Hexanoic acid, 5-tridecyl ester	298	C19H38O2	1000279-29-4	40
4	1-Isobutyl-3-methylbutyl methylp...	224	C10H22FO2P	193090-16-3	40
5	(.+/-.)-Dethiobiotin	214	C10H18N2O3	000636-20-4	38





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Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW34

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

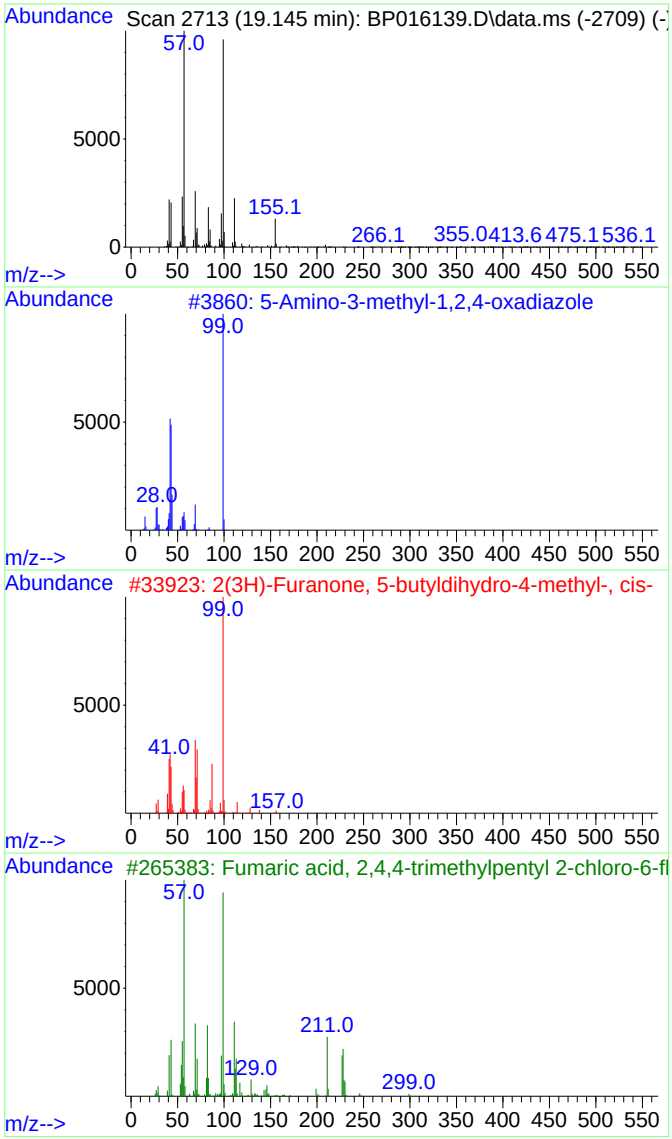
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

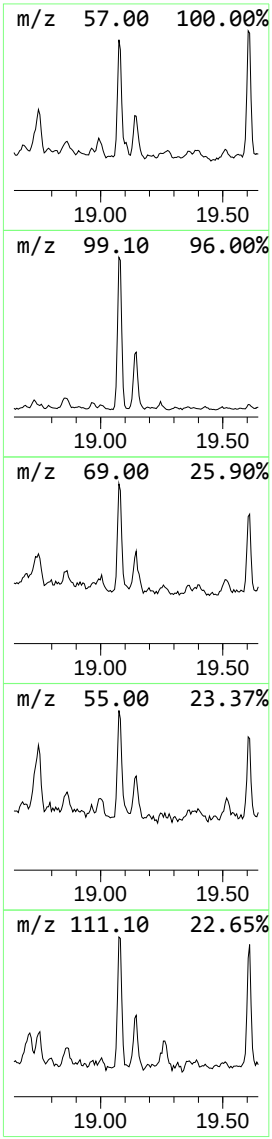
****

Peak Number 9 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.145	2.58 ng/ul	486178	Phenanthrene-d10	17.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Amino-3-methyl-1,2,4-oxadiazole	99	C3H5N3O	003663-39-6	46
2	2(3H)-Furanone, 5-butyldihydro-4...	156	C9H16O2	055013-32-6	43
3	Fumaric acid, 2,4,4-trimethylpen...	356	C18H22ClFO4	1000405-60-9	40
4	1-Pyrrolidinocarbonylmethyl pipe...	197	C10H19N3O	039890-45-4	40
5	Ethanedicarboxamide, N-(3,5-dime...	304	C16H24N4O2	346596-53-0	38





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Operator : MA/JU
Sample : 03356-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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

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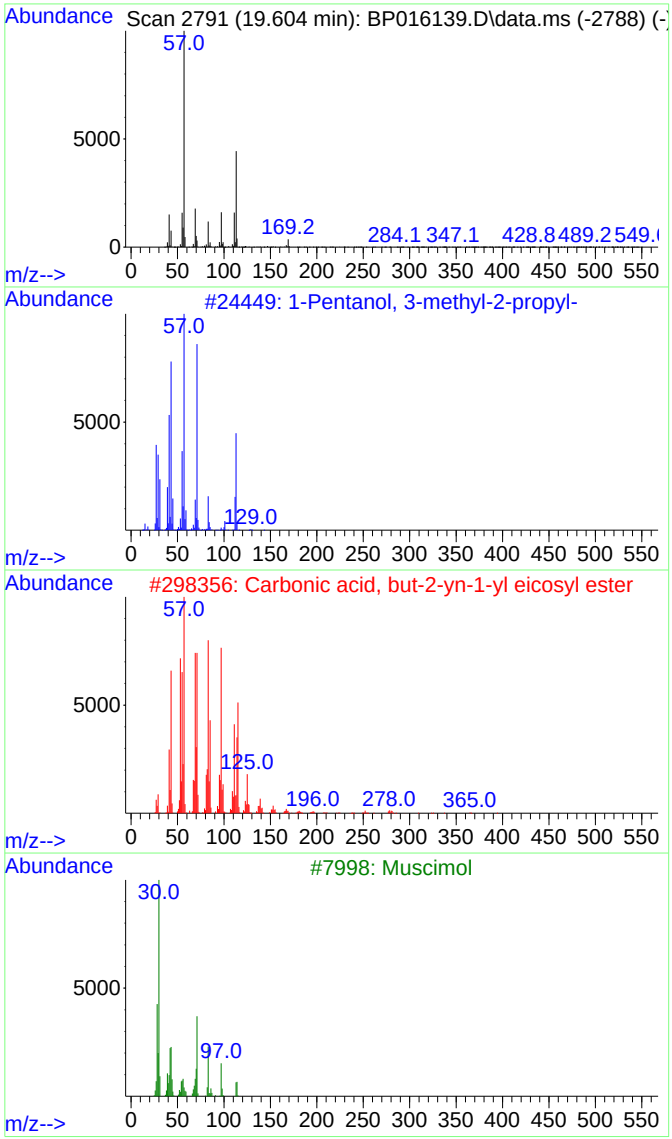
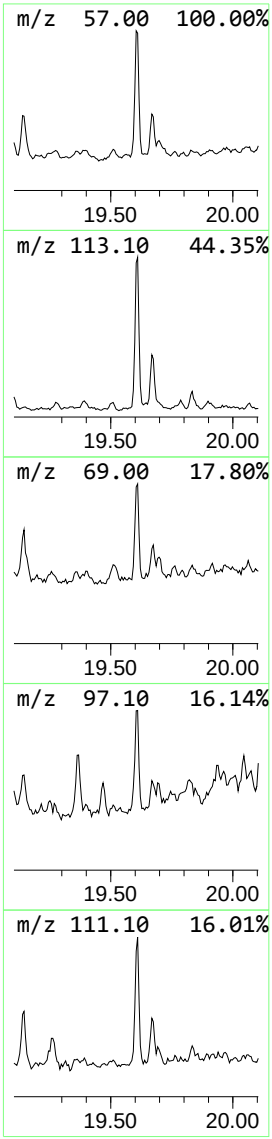
Peak Number 10 unknown-03 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.604	4.74 ng/ul	719292	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	36
2	Carbonic acid, but-2-yn-1-yl eic...	394	C25H46O3	1000383-21-4	27
3	Muscimol	114	C4H6N2O2	002763-96-4	9
4	2H-Azepin-2-one, 5-(1,1-dimethyl...	169	C10H19NO	032741-89-2	9
5	N-Boc-2,5-dihydro-1H-pyrrole	169	C9H15NO2	073286-70-1	9





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ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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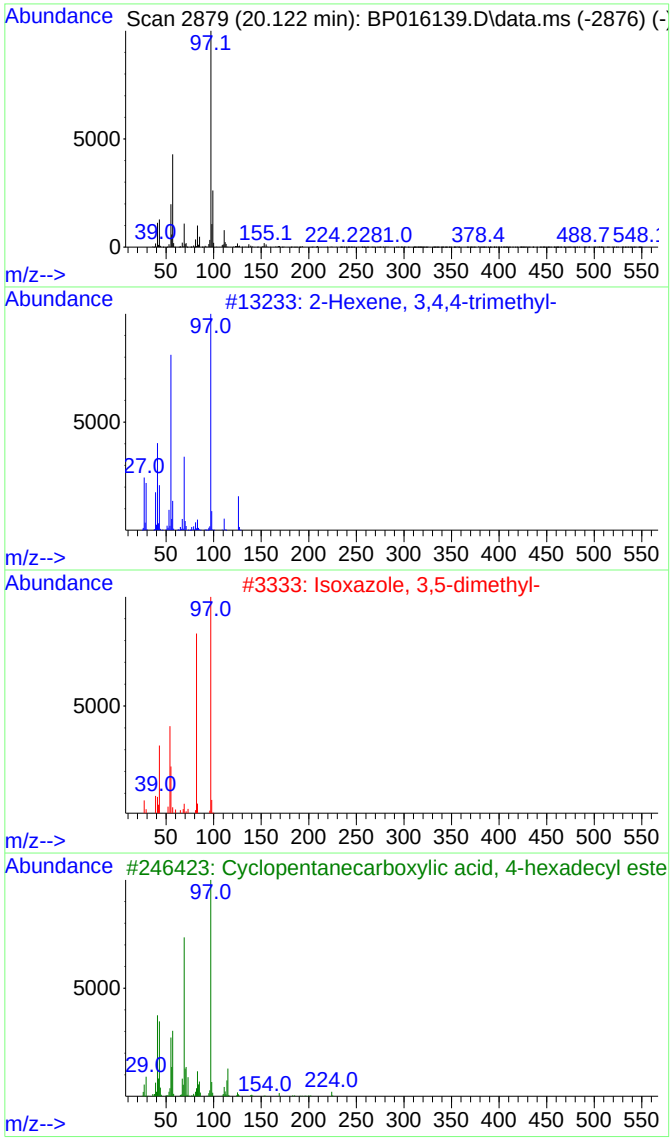
Quant Title : SVOA CALIBRATION

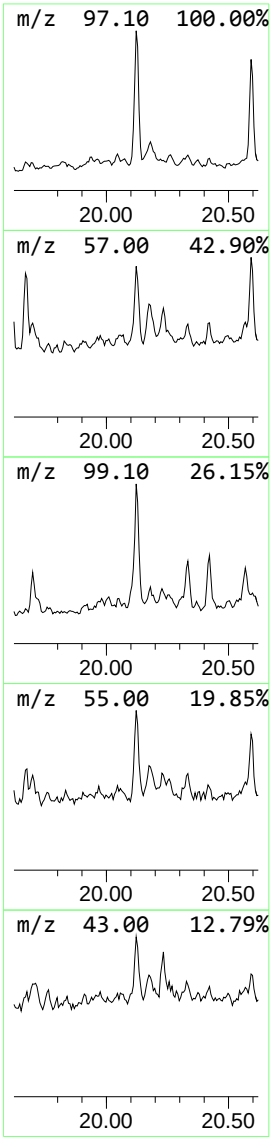
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.122	3.26 ng/ul	493644	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	59
2	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	53
3	Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	53
4	Bis(2-isopropyl-5-methylcyclohex...	372	C21H41O3P	1000510-36-7	53
5	Thiophene, 2-hexyl-	168	C10H16S	018794-77-9	50





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Operator : MA/JU
Sample : 03356-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW34

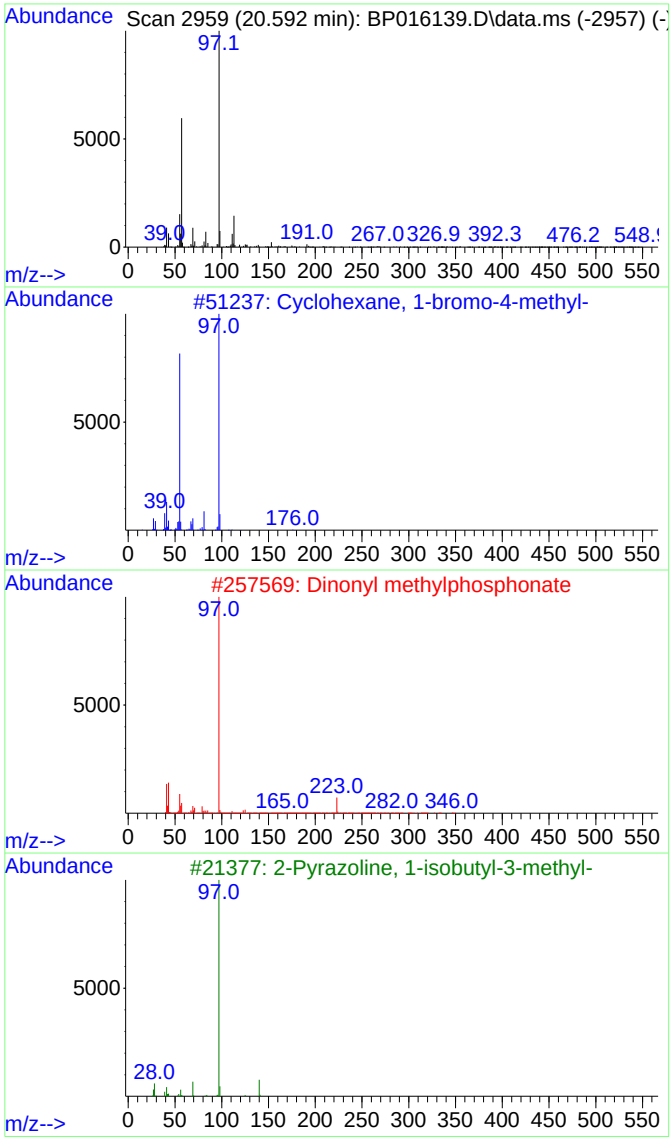
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

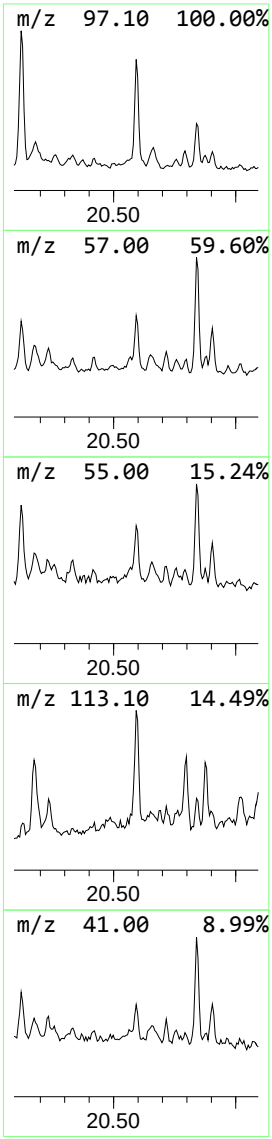
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclohexane, 1-bromo-4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.592	2.42 ng/ul	366194	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	53
2	Dinonyl methylphosphonate	348	C19H41O3P	095428-88-9	42
3	2-Pyrazoline, 1-isobutyl-3-methyl-	140	C8H16N2	026964-53-4	42
4	2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	38
5	1H-Pyrazole, 4,5-dihydro-3-methy...	126	C7H14N2	026964-49-8	36





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Operator : MA/JU
Sample : 03356-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW34

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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

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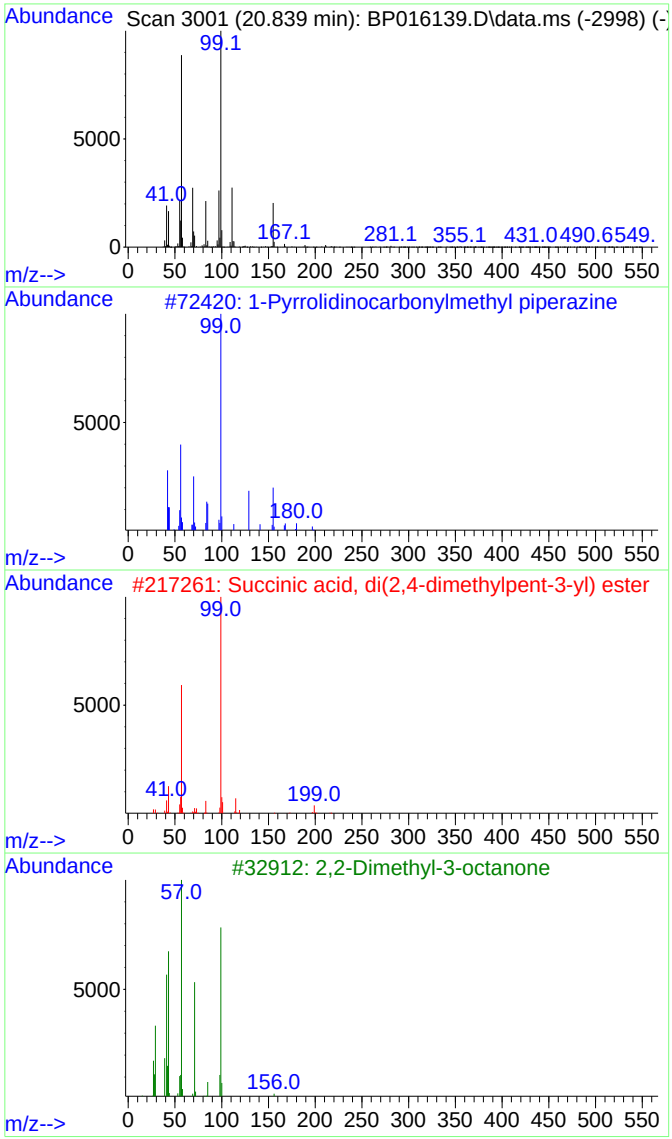
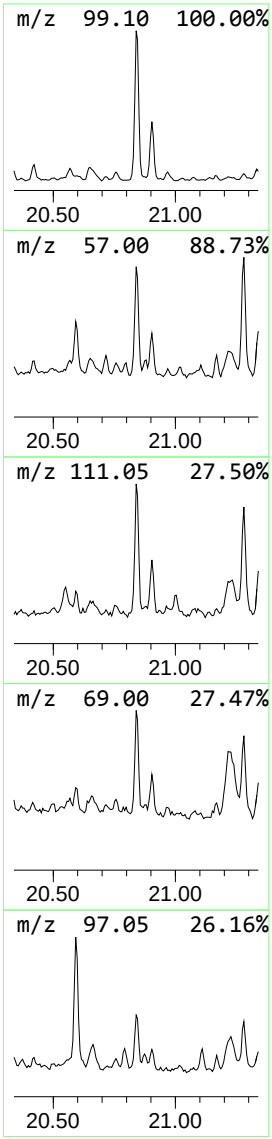
Peak Number 13 unknown-04 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.839	5.84 ng/ul	885939	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pyrrolidinocarbonylmethyl pipe...	197	C10H19N3O	039890-45-4	47
2	Succinic acid, di(2,4-dimethylpe...	314	C18H34O4	1000349-36-7	38
3	2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	38
4	Formaldehyde, dipropylhydrazone	128	C7H16N2	054253-56-4	37
5	Formaldehyde, dipropylhydrazone	128	C7H16N2	054253-56-4	37





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Sample : 03356-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW34

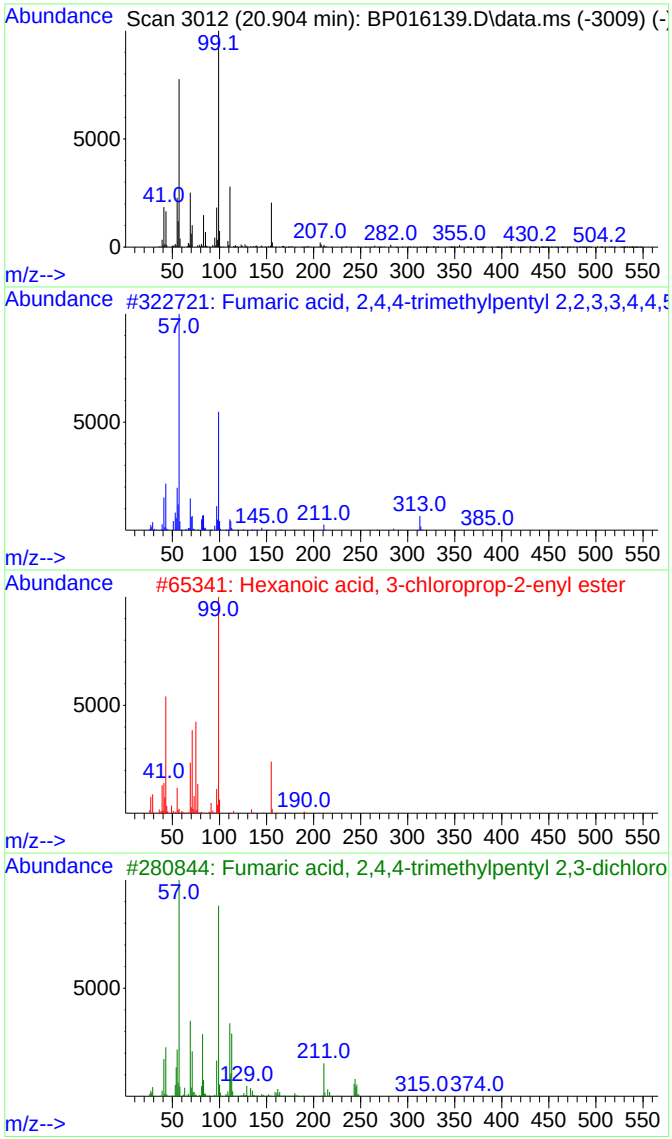
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

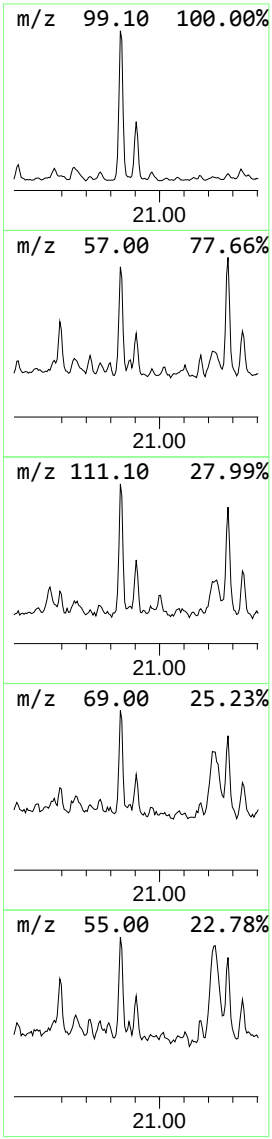
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 unknown-05 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.904	2.08 ng/ul	315381	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, 2,4,4-trimethylpen...	442	C17H22F8O4	1000405-59-9	42
2	Hexanoic acid, 3-chloroprop-2-en...	190	C9H15ClO2	1000299-36-1	42
3	Fumaric acid, 2,4,4-trimethylpen...	372	C18H22Cl2O4	1000405-61-1	39
4	5-Hexyl-5-methyloxolan-2-one	184	C11H20O2	007011-83-8	38
5	2(3H)-Furanone, 5-butyldihydro-4...	156	C9H16O2	055013-32-6	38





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Sample : 03356-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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

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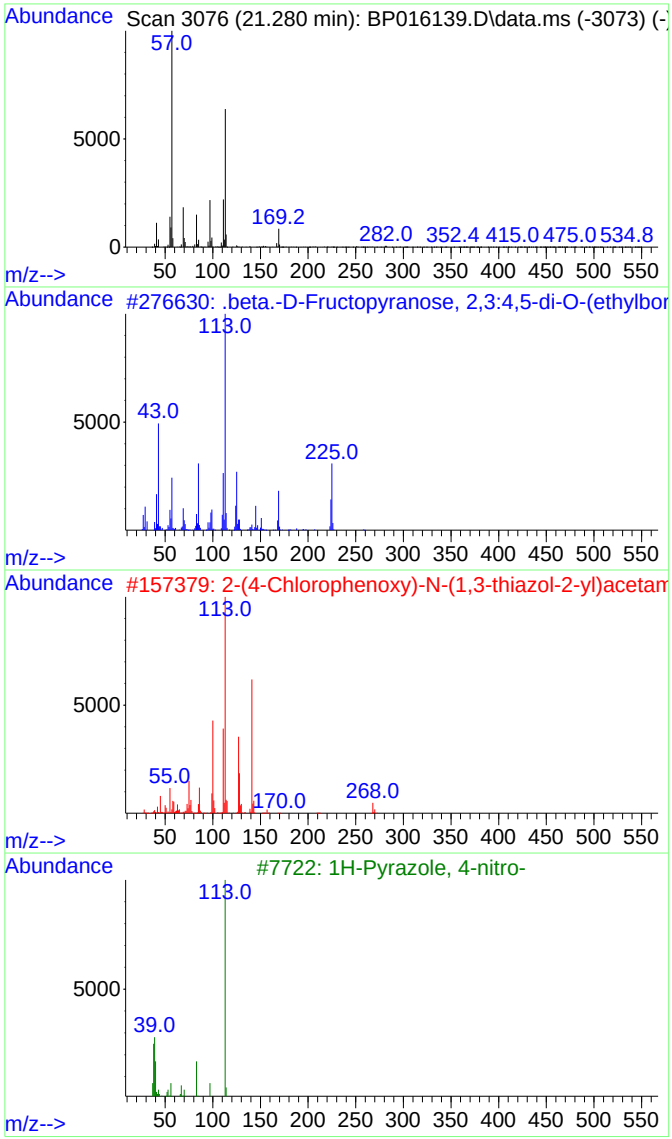
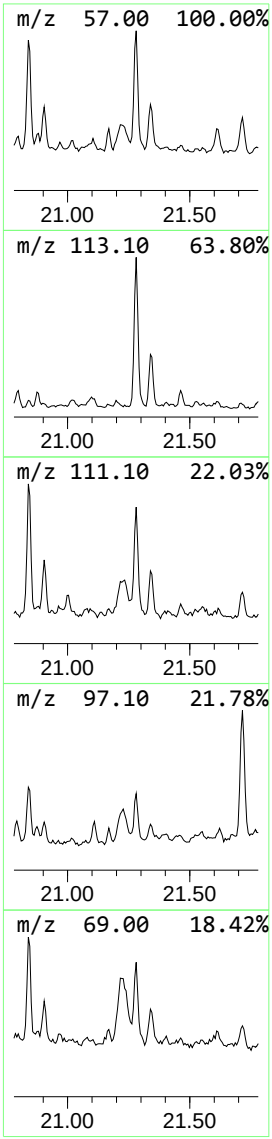
Peak Number 15 unknown-06 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.280	5.10 ng/ul	773169	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-D-Fructopyranose, 2,3:4,5...	368	C17H30B2O7	1000156-76-8	38
2	2-(4-Chlorophenoxy)-N-(1,3-thiaz...	268	C11H9ClN2O2S	037666-22-1	37
3	1H-Pyrazole, 4-nitro-	113	C3H3N3O2	002075-46-9	35
4	7-Ethyl-4,6-undecandione	212	C13H24O2	1000374-11-8	32
5	2,4,4-trimethylpentyl ethylphosp...	224	C10H22FO2P	333416-13-0	25





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ALS Vial : 64 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

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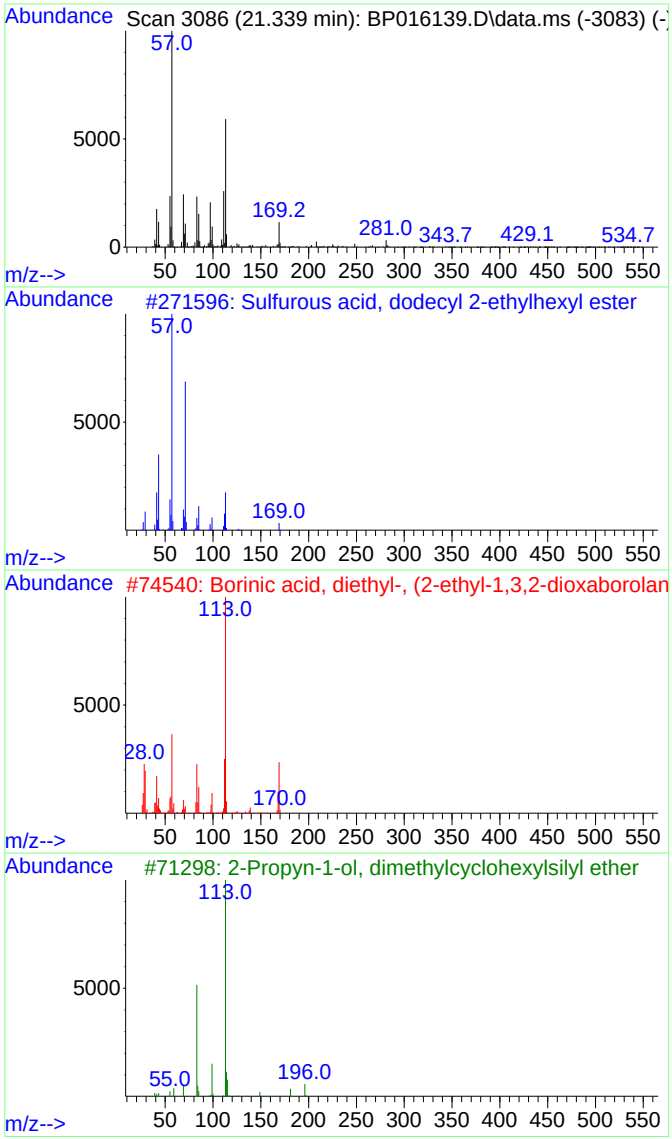
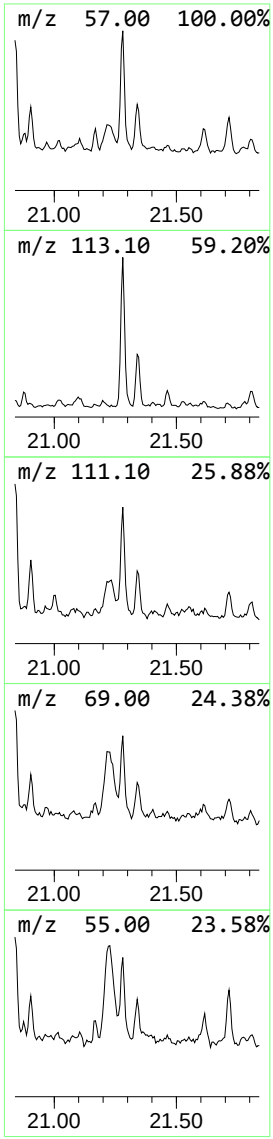
Peak Number 16 unknown-07 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.339	2.49 ng/ul	377754	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	47
2	Borinic acid, diethyl-, (2-ethyl...	198	C9H20B2O3	058163-56-7	43
3	2-Propyn-1-ol, dimethylcyclohexy...	196	C11H20OSi	1000325-61-6	38
4	5-Oxohexanethioic acid, S-t-buty...	202	C10H18O2S	1000194-60-8	35
5	3-Fluoro-5-hydroxypyridine	113	C5H4FNO	209328-55-2	35





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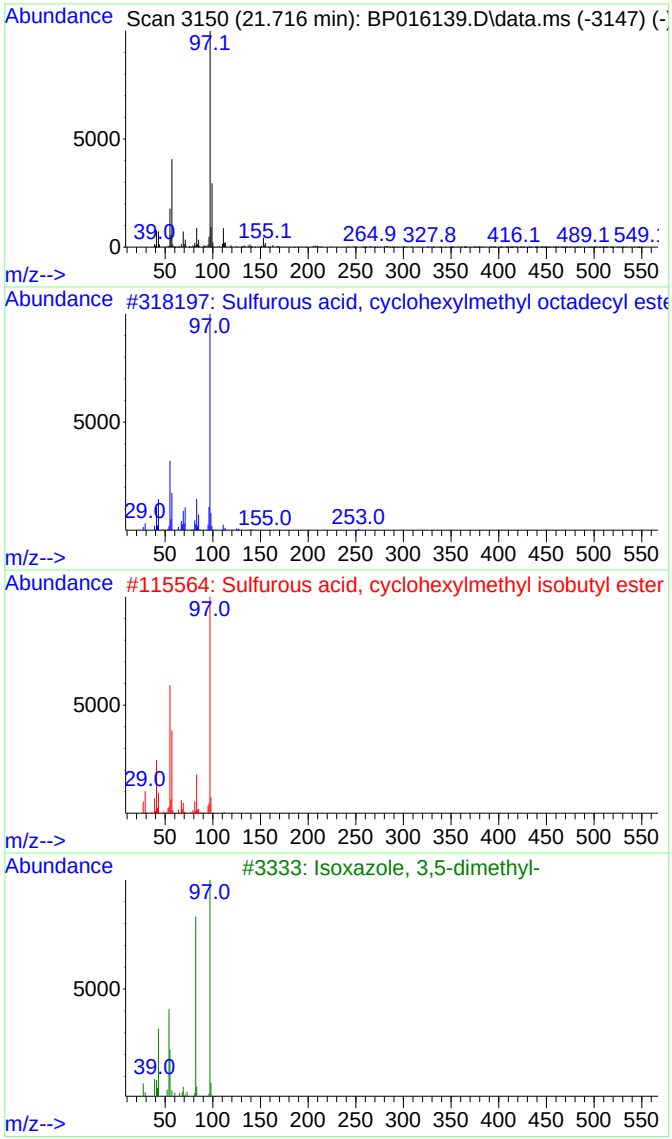
Quant Title : SVOA CALIBRATION

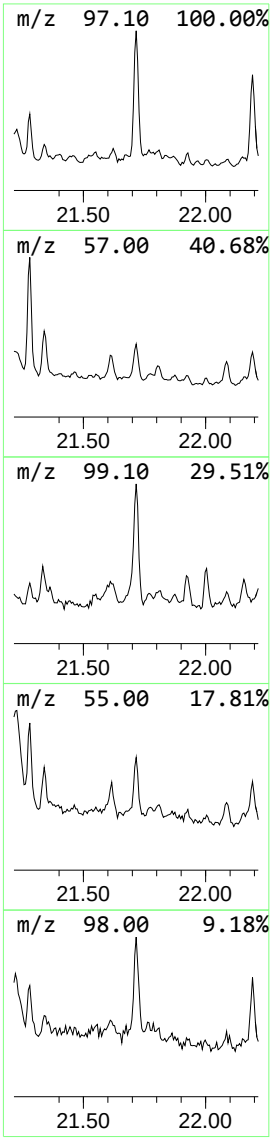
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Sulfurous acid, cyclohexylm... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.716	2.97 ng/ul	449992	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	59
2	Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	53
3	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	50
4	4-Methyl-2,3-hexadien-1-ol	112	C7H12O	1000196-09-6	49
5	Dinonyl methylphosphonate	348	C19H41O3P	095428-88-9	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016139.D
Acq On : 09 Jul 2023 19:03
Operator : MA/JU
Sample : 03356-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW34

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

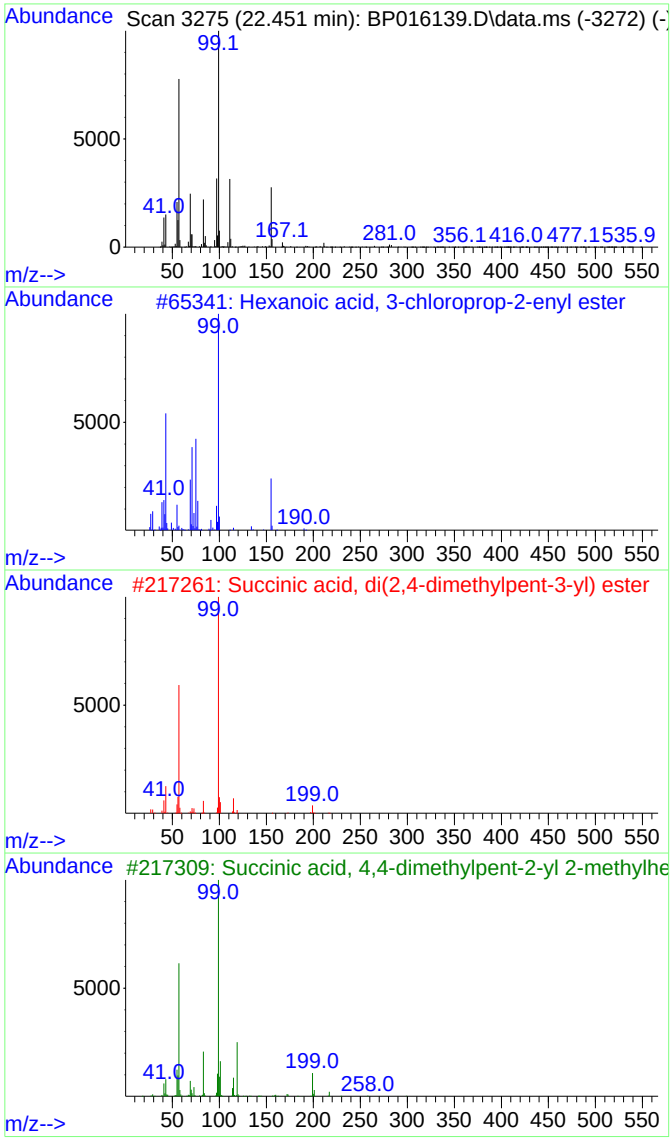
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

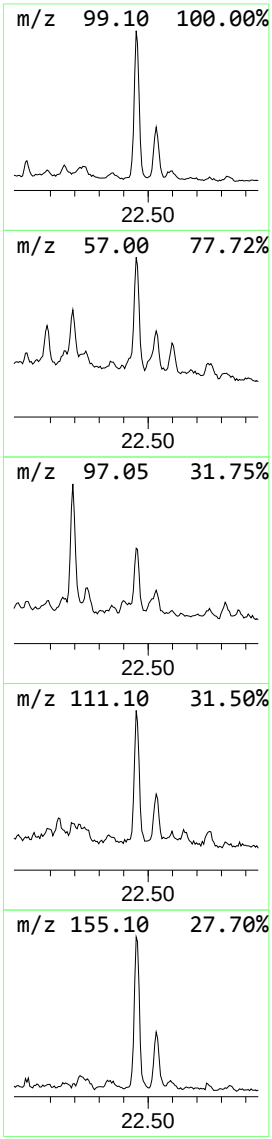
****

Peak Number 18 unknown-08 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.451	5.47 ng/ul	828694	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3-chloroprop-2-en...	190	C9H15ClO2	1000299-36-1	43
2	Succinic acid, di(2,4-dimethylpe...	314	C18H34O4	1000349-36-7	43
3	Succinic acid, 4,4-dimethylpent-...	314	C18H34O4	1000381-71-8	40
4	Fumaric acid, 2,4,4-trimethylpen...	356	C18H22ClFO4	1000405-60-9	40
5	2,4,4-Trimethyl-1-pentyl methylp...	210	C9H20FO2P	333416-06-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016139.D
Acq On : 09 Jul 2023 19:03
Operator : MA/JU
Sample : 03356-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW34

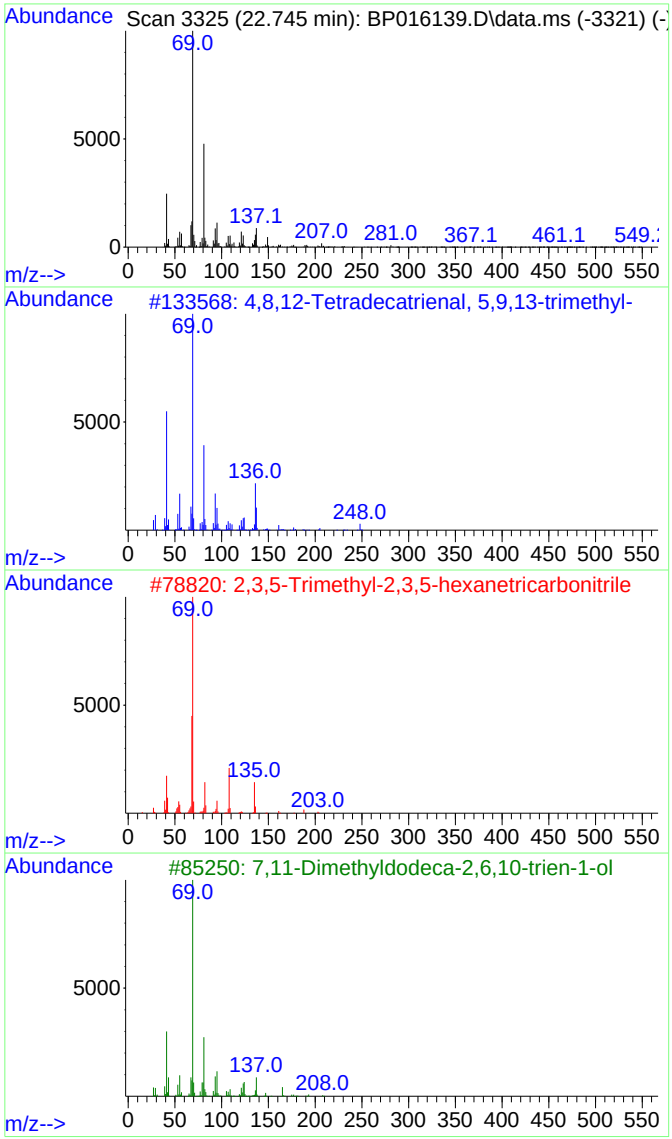
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

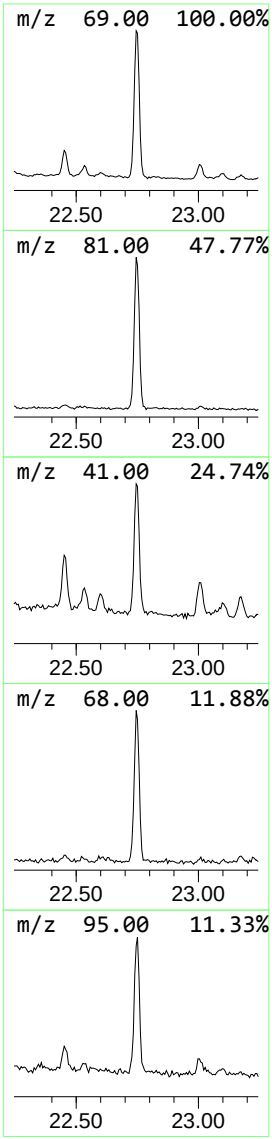
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 4,8,12-Tetradecatrienal, 5,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.745	6.98 ng/ul	1058420	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72
2	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	64
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
4	Furan, 3-(4,8-dimethyl-3,7-nonad...	218	C15H22O	023262-34-2	64
5	Bis(3-methylbut-3-enyl) phthalate	302	C18H22O4	022711-53-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016139.D
Acq On : 09 Jul 2023 19:03
Operator : MA/JU
Sample : 03356-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW34

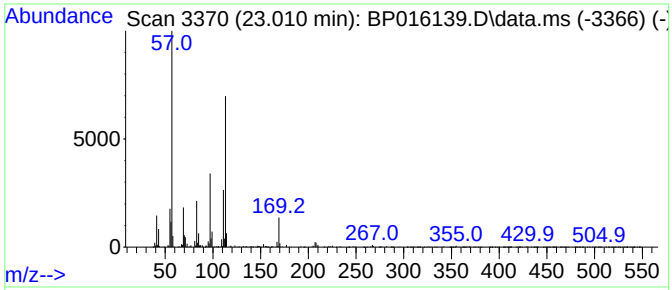
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

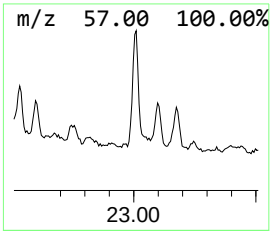
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

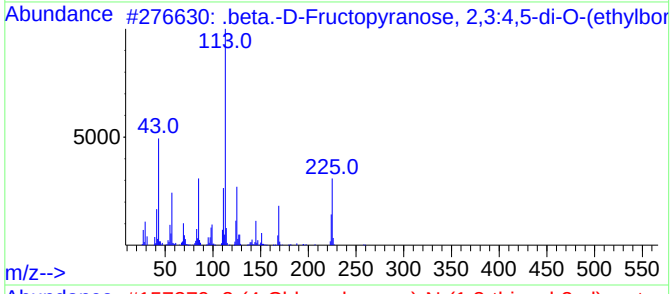
****
Peak Number 20 unknown-09 Concentration Rank 14

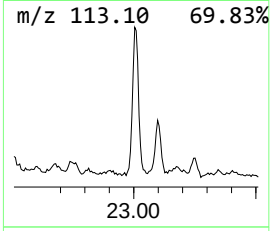
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.010	2.86 ng/ul	451472	Perylene-d12	24.080

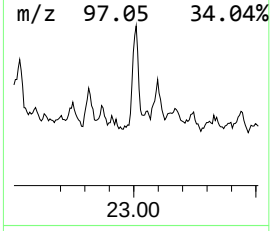
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-D-Fructopyranose, 2,3:4,5...	368	C17H30B2O7	1000156-76-8	25
2	2-(4-Chlorophenoxy)-N-(1,3-thiaz...	268	C11H9ClN2O2S	037666-22-1	25
3	Pyrazole, 3-nitro-	113	C3H3N3O2	026621-44-3	25
4	5-Nonanone, 2,2,8,8-tetramethyl-	198	C13H26O	005709-95-5	25
5	5-Methylthiophen-3-ylamine	113	C5H7NS	1000311-36-5	18

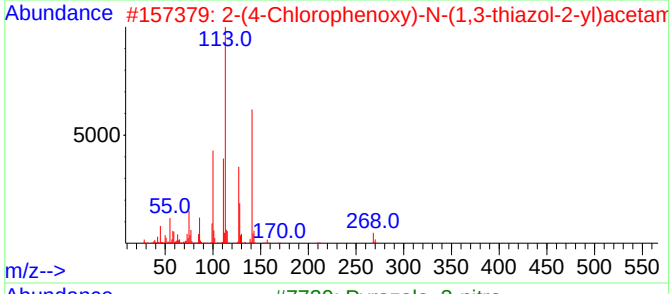


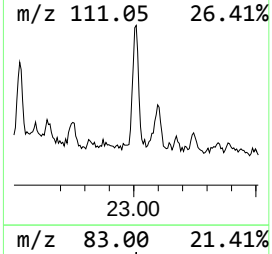


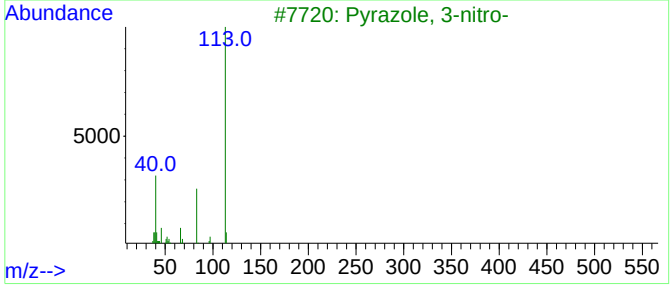


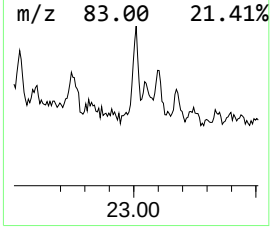












Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016139.D
Acq On : 09 Jul 2023 19:03
Operator : MA/JU
Sample : 03356-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW34

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	13.675	2.2	ng/ul	305089	3	14.669	2769500	20.0
Benzophenone	16.051	7.3	ng/ul	1017330	3	14.669	2769500	20.0
Methanone, (1-h...	16.604	2.7	ng/ul	511638	4	17.433	3766460	20.0
Diethylmalonic ...	16.763	4.7	ng/ul	883181	4	17.433	3766460	20.0
Isoxazole, 3,5-...	18.157	4.1	ng/ul	770676	4	17.433	3766460	20.0
n-Hexadecanoic ...	18.286	4.0	ng/ul	760896	4	17.433	3766460	20.0
Benzene, (1-met...	18.733	5.7	ng/ul	1064730	4	17.433	3766460	20.0
unknown-01	19.075	6.1	ng/ul	1145660	4	17.433	3766460	20.0
unknown-02	19.145	2.6	ng/ul	486178	4	17.433	3766460	20.0
unknown-03	19.604	4.7	ng/ul	719292	5	21.551	3032060	20.0
(DEL) Alkane: S...	20.122	3.3	ng/ul	493644	5	21.551	3032060	20.0
Cyclohexane, 1-...	20.592	2.4	ng/ul	366194	5	21.551	3032060	20.0
unknown-04	20.839	5.8	ng/ul	885939	5	21.551	3032060	20.0
unknown-05	20.904	2.1	ng/ul	315381	5	21.551	3032060	20.0
unknown-06	21.280	5.1	ng/ul	773169	5	21.551	3032060	20.0
unknown-07	21.339	2.5	ng/ul	377754	5	21.551	3032060	20.0
Sulfurous acid,...	21.716	3.0	ng/ul	449992	5	21.551	3032060	20.0
unknown-08	22.451	5.5	ng/ul	828694	5	21.551	3032060	20.0
4,8,12-Tetradec...	22.745	7.0	ng/ul	1058420	5	21.551	3032060	20.0
unknown-09	23.010	2.9	ng/ul	451472	6	24.080	3158980	20.0