LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023938.D
Acq On : 03 Feb 2023 12:06
Operator : CG/JU
Sample : 01316-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A44G8

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_N\Methods\SFAM-EPA-BN020123.M
Title : SVOA CALIBRATION

Signal : TIC: BN023938.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.275	26	32	53	rVB	4061865	5579603	100.00%	8.768%
2	3.664	95	98	105	rBV	202160	284958	5.11%	0.448%
3	3.834	123	127	133	rBV	64775	82947	1.49%	0.130%
4	4.793	282	290	297	rVV	92482	152876	2.74%	0.240%
5	5.140	342	349	355	rBV	59986	90701	1.63%	0.143%
6	5.405	385	394	401	rVB2	40180	82418	1.48%	0.130%
7	5.716	442	447	452	rBV	50877	73278	1.31%	0.115%
8	6.116	509	515	521	rVB	220506	326716	5.86%	0.513%
9	6.322	545	550	556	rBV3	62008	99878	1.79%	0.157%
10	6.505	574	581	586	rBV	47264	78538	1.41%	0.123%
11	7.016	659	668	679	rBV	131871	256730	4.60%	0.403%
12	7.181	688	696	702	rBV	406638	620179	11.12%	0.975%
13	7.375	723	729	736	rVB	386524	602499	10.80%	0.947%
14	7.846	798	809	815	rBV	684015	1118710	20.05%	1.758%
15	7.928	819	823	830	rVV	174531	303245	5.43%	0.477%
16	8.005	831	836	842	rVV	85568	137403	2.46%	0.216%
17	8.216	864	872	882	rVV4	45006	120936	2.17%	0.190%
18	8.569	926	932	939	rVB	372620	575455	10.31%	0.904%
19	8.657	939	947	956	rBV	878836	1301871	23.33%	2.046%
20	8.763	959	965	972	rVB3	50257	103649	1.86%	0.163%
21	8.840	972	978	987	rBV	737905	1191569	21.36%	1.873%
22	8.957	994	998	1002	rBV	63511	86889	1.56%	0.137%
23	9.016	1002	1008	1015	rVV	485028	802873	14.39%	1.262%
24	9.216	1037	1042	1049	rVB2	90374	147456	2.64%	0.232%
25	9.352	1060	1065	1072	rBV5	36511	80553	1.44%	0.127%
26	9.481	1081	1087	1096	rVB	136846	243009	4.36%	0.382%
27	9.563	1096	1101	1111	rVB6	37675	104773	1.88%	0.165%
28	9.675	1112	1120	1125	rBV2	42028	91574	1.64%	0.144%
29	9.740	1125	1131	1142	rVB	371102	629553	11.28%	0.989%
30	9.840	1142	1148	1151	rBV3	45315	87182	1.56%	0.137%
31	9.922	1157	1162	1172	rVB3	112257	234638	4.21%	0.369%
32	10.063	1181	1186	1194	rVB4	55908	115319	2.07%	0.181%
33	10.134	1194	1198	1202	rBV2	56544	81559	1.46%	0.128%
34	10.204	1202	1210	1216	rVB4	108308	248531	4.45%	0.391%
35	10.281	1216	1223	1233	rBV	681932	1260017	22.58%	1.980%
36	10.657	1281	1287	1292	rVV	953547	1522073	27.28%	2.392%

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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A44G8

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_N\Methods\SFAM-EPA-BN020123.M
Title : SVOA CALIBRATION

37	10.716	1292	1297	1302	rVB	160814	258086	4.63%	0.406%
38	10.799	1303	1311	1317	rBV	719316	1269499	22.75%	1.995%
39	10.846	1317	1319	1326	rVB3	106009	144202	2.58%	0.227%
40	10.916	1326	1331	1336	rBV4	46256	96513	1.73%	0.152%
41	11.257	1379	1389	1396	rBV9	40320	133206	2.39%	0.209%
42	11.469	1414	1425	1431	rBV5	92083	325365	5.83%	0.511%
43	11.646	1449	1455	1460	rBV3	111590	211992	3.80%	0.333%
44	11.863	1487	1492	1499	rVB5	44030	108817	1.95%	0.171%
45	12.010	1505	1517	1526	rBV	488037	856058	15.34%	1.345%
46	12.116	1529	1535	1538	rVV2	133934	227748	4.08%	0.358%
47	12.163	1538	1543	1549	rVV3	257821	456993	8.19%	0.718%
48	12.240	1552	1556	1557	rVV2	58300	84009	1.51%	0.132%
49	12.269	1557	1561	1574	rVB2	168215	323334	5.79%	0.508%
50	12.387	1574	1581	1585	rBV4	56970	125895	2.26%	0.198%
51	12.657	1621	1627	1633	rVB3	135998	230526	4.13%	0.362%
52	12.763	1640	1645	1651	rVB3	61444	104844	1.88%	0.165%
53	12.887	1662	1666	1671	rVB2	115814	167747	3.01%	0.264%
54	13.157	1708	1712	1720	rVB2	68698	114413	2.05%	0.180%
55	13.310	1733	1738	1742	rBV4	45994	93797	1.68%	0.147%
56	13.393	1747	1752	1760	rVB2	134682	292337	5.24%	0.459%
57	13.557	1775	1780	1788	rBV9	42508	85320	1.53%	0.134%
58	13.851	1825	1830	1836	rBV2	85709	221800	3.98%	0.349%
59	13.916	1836	1841	1846	rVB	1427730	1847065	33.10%	2.903%
60	14.063	1862	1866	1870	rBV3	58334	89495	1.60%	0.141%
61	14.192	1883	1888	1894	rVV	1308552	1852718	33.21%	2.912%
62	14.328	1904	1911	1917	rBV	443296	762154	13.66%	1.198%
63	14.428	1923	1928	1933	rVB	661687	877461	15.73%	1.379%
64	14.498	1934	1940	1948	rVB	1395584	2144099	38.43%	3.370%
65	14.722	1975	1978	1983	rVB2	118473	166647	2.99%	0.262%
66	14.822	1990	1995	2001	rBV4	106676	191802	3.44%	0.301%
67	15.051	2027	2034	2038	rBV2	164789	284763	5.10%	0.448%
68	15.245	2063	2067	2071	rBV	356874	445834	7.99%	0.701%
69	15.410	2093	2095	2103	rVB3	64486	104215	1.87%	0.164%
70	15.492	2104	2109	2115	rVB	1730329	2477835	44.41%	3.894%
71	15.616	2125	2130	2135	rBV	563465	769933	13.80%	1.210%
72	15.722	2145	2148	2150	rBV	77811	90860	1.63%	0.143%
73	15.757	2150	2154	2163	rVB2	536694	904660	16.21%	1.422%
74	15.863	2167	2172	2178	rBV	517681	694490	12.45%	1.091%
75	15.916	2178	2181	2184	rBV	71221	73675	1.32%	0.116%
76	16.022	2193	2199	2207	rBV	1011691	1390148	24.91%	2.185%

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Misc :
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Instrument :
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ClientSampleId :
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Title : SVOA CALIBRATION

77	16.198	2223	2229	2233	rBV	541363	882608	15.82%	1.387%
78	16.386	2257	2261	2265	rVB	142293	193401	3.47%	0.304%
79	16.528	2280	2285	2293	rVB	782012	1051204	18.84%	1.652%
80	17.028	2367	2370	2372	rBV	94092	124849	2.24%	0.196%
81	17.057	2372	2375	2381	rVB	384567	499084	8.94%	0.784%
82	17.251	2402	2408	2418	rVB	1700425	2377775	42.62%	3.737%
83	17.351	2419	2425	2431	rBV	1748858	2497577	44.76%	3.925%
84	17.516	2450	2453	2459	rBV2	85144	111684	2.00%	0.176%
85	18.151	2556	2561	2571	rBV	1112420	1537408	27.55%	2.416%
86	18.363	2594	2597	2608	rVB	153643	225184	4.04%	0.354%
87	18.569	2630	2632	2637	rVB	67825	72040	1.29%	0.113%
88	18.928	2690	2693	2702	rVB	181888	265585	4.76%	0.417%
89	19.363	2763	2767	2772	rVB	1174062	1298610	23.27%	2.041%
90	19.428	2774	2778	2789	rVB	307766	435396	7.80%	0.684%
91	19.645	2809	2815	2820	rBV	2112772	2713268	48.63%	4.264%
92	19.698	2820	2824	2833	rVB	953497	1216990	21.81%	1.913%
93	19.833	2843	2847	2851	rBV	149061	189677	3.40%	0.298%
94	20.363	2935	2937	2944	rBV5	48062	73960	1.33%	0.116%
95	20.669	2986	2989	2995	rVB2	162791	174806	3.13%	0.275%
96	21.145	3066	3070	3079	rBV	1131728	1376110	24.66%	2.163%
97	21.439	3115	3120	3126	rBV	1571463	2013739	36.09%	3.165%
98	22.680	3327	3331	3338	rBV	227817	298317	5.35%	0.469%
99	23.668	3492	3499	3510	rVB2	1097619	2151050	38.55%	3.380%
100	23.827	3519	3526	3535	rVB	913595	1831650	32.83%	2.878%

Sum of corrected areas: 63632485

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BNA_N
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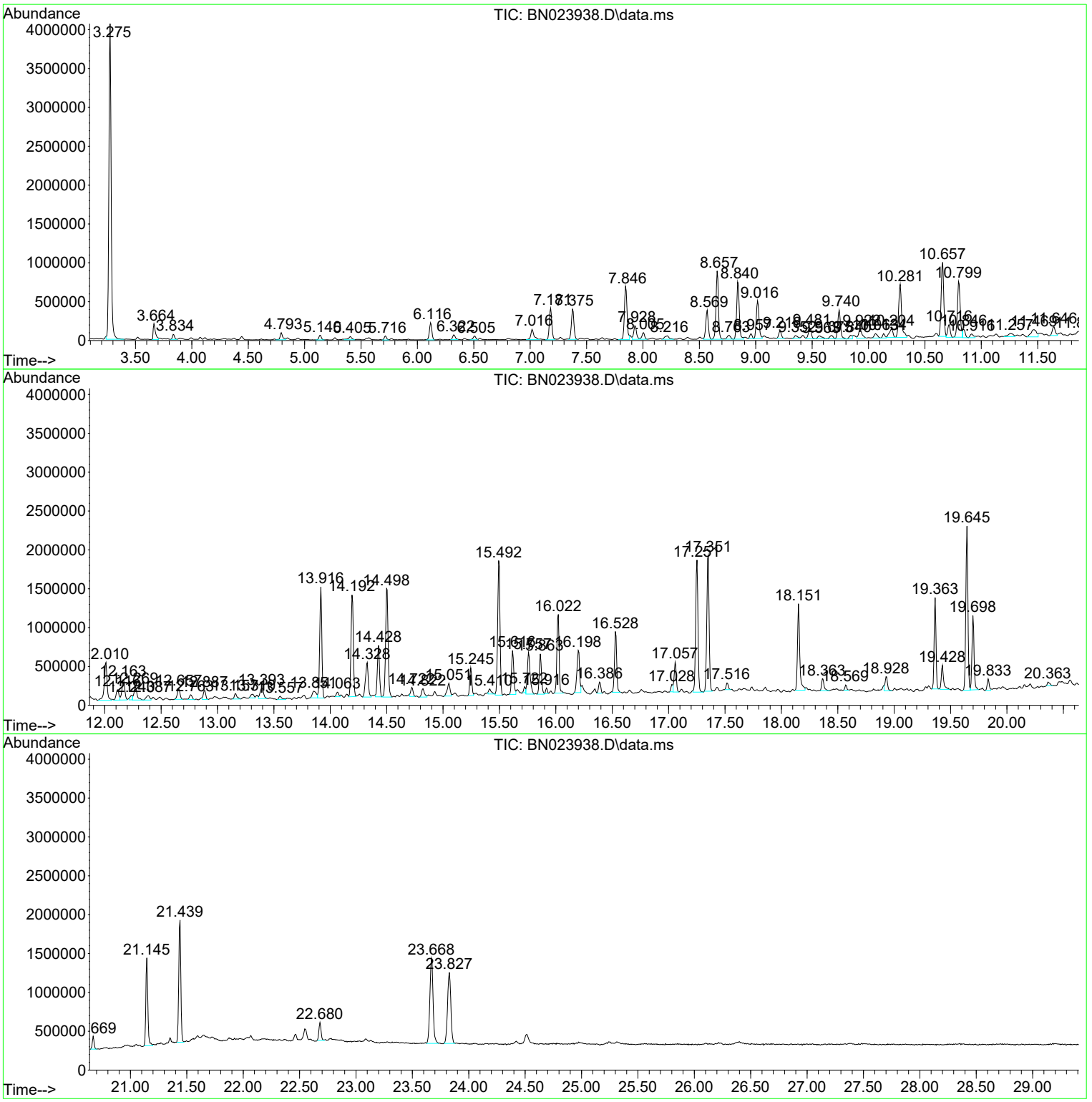
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023938.D
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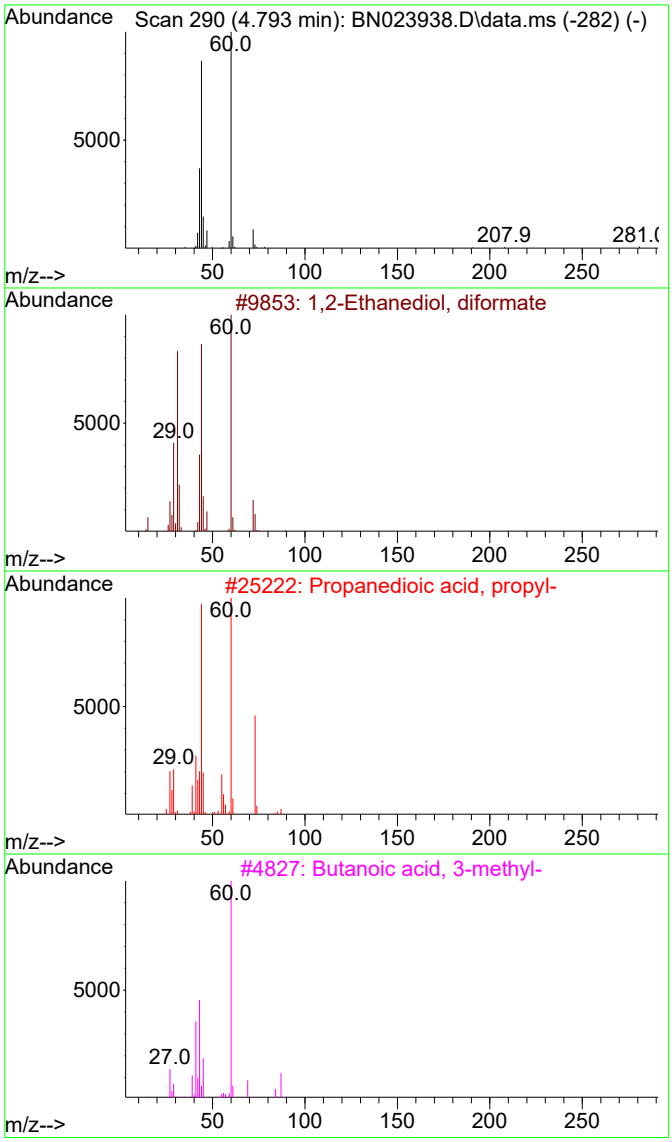
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

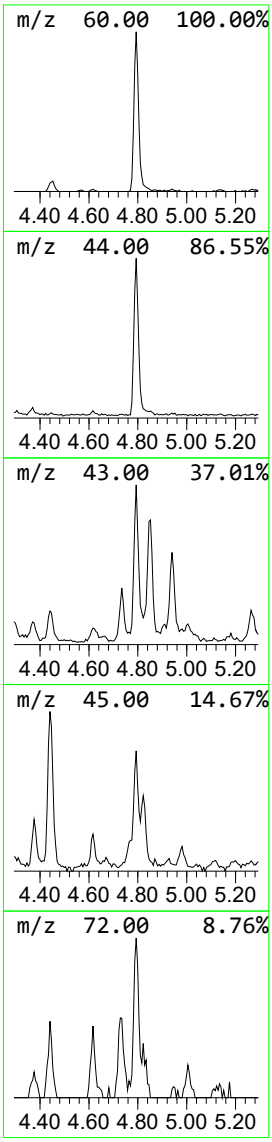
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1,2-Ethanediol, diformate Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.793	2.73 ng/ul	152876	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Ethanediol, diformate	118	C4H6O4	000629-15-2	83
2	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	43
3	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	32
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	25
5	Thiophene-3-ol, tetrahydro-, 1,1...	136	C4H8O3S	013031-76-0	23





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ALS Vial : 44 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

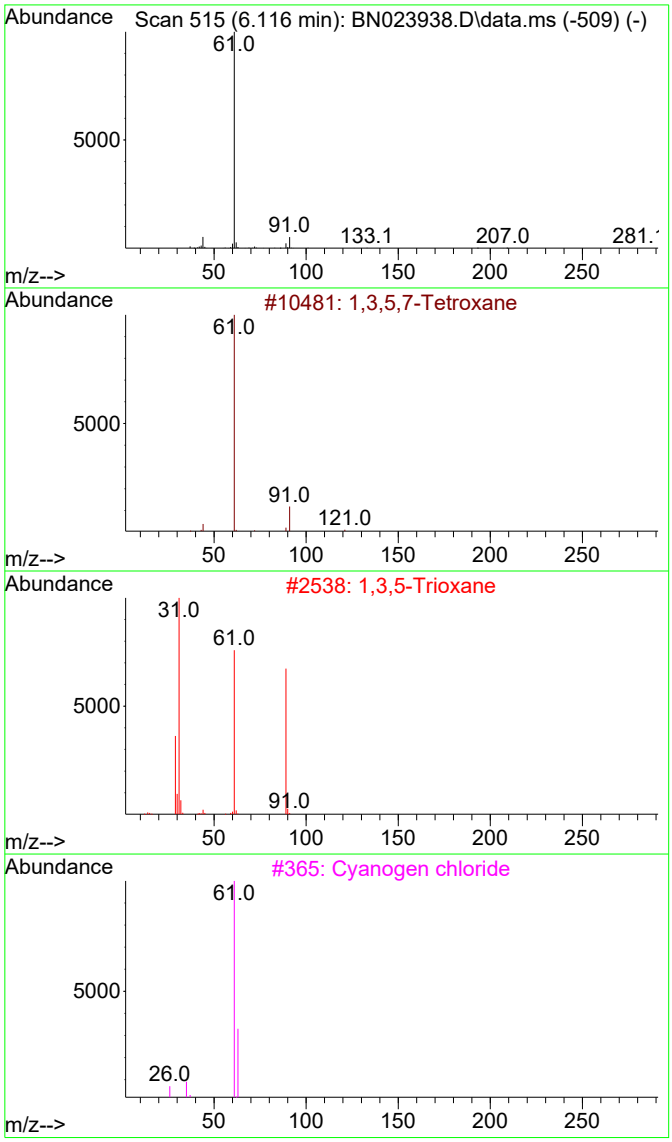
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

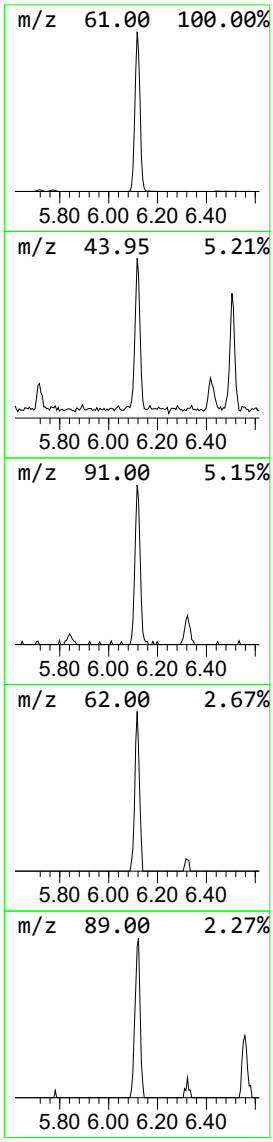
****

Peak Number 2 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.116	5.84 ng/ul	326716	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5,7-Tetroxane	120	C4H8O4	000293-30-1	9
2	1,3,5-Trioxane	90	C3H6O3	000110-88-3	9
3	Cyanogen chloride	61	CClN	000506-77-4	4
4	p-Dioxane-2,3-diol	120	C4H8O4	004845-50-5	4
5	Methyl 2-hydroxy-2-methoxyacetate	120	C4H8O4	019757-97-2	4





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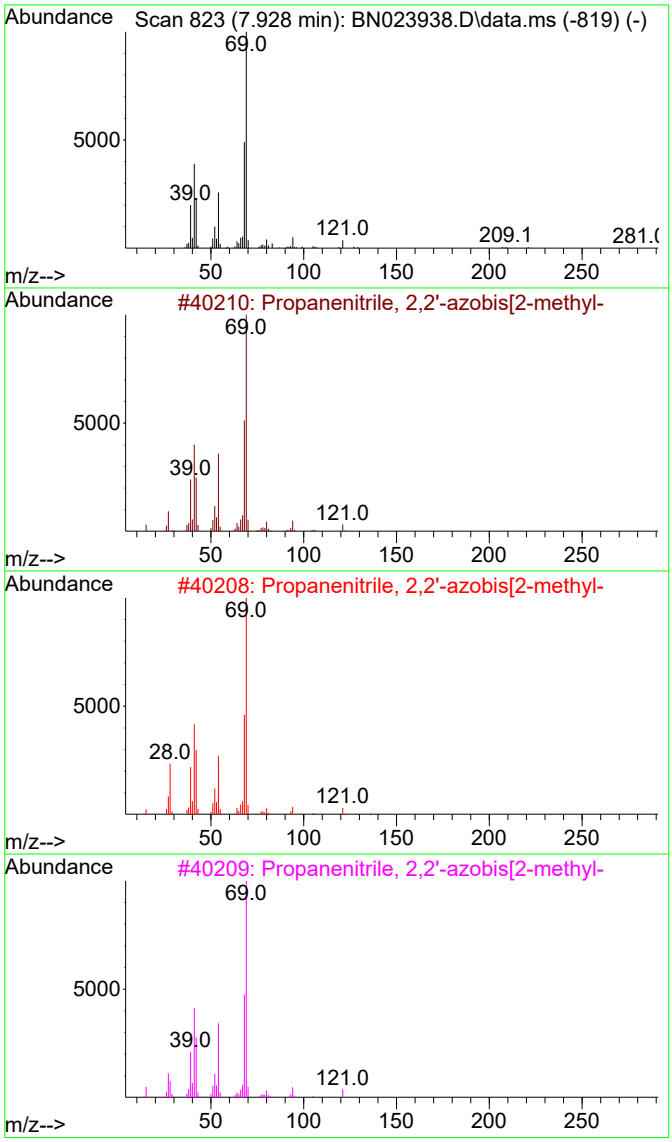
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

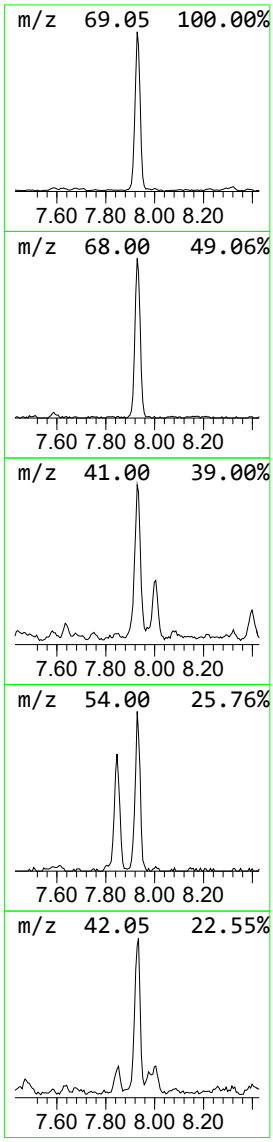
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Propanenitrile, 2,2'-azobis... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.928	5.42 ng/ul	303245	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanenitrile, 2,2'-azobis[2-me...	164	C8H12N4	000078-67-1	90
2	Propanenitrile, 2,2'-azobis[2-me...	164	C8H12N4	000078-67-1	90
3	Propanenitrile, 2,2'-azobis[2-me...	164	C8H12N4	000078-67-1	90
4	Tetramethylbutanedinitrile	136	C8H12N2	003333-52-6	90
5	Propanenitrile, 2,2'-azobis[2-me...	164	C8H12N4	000078-67-1	83





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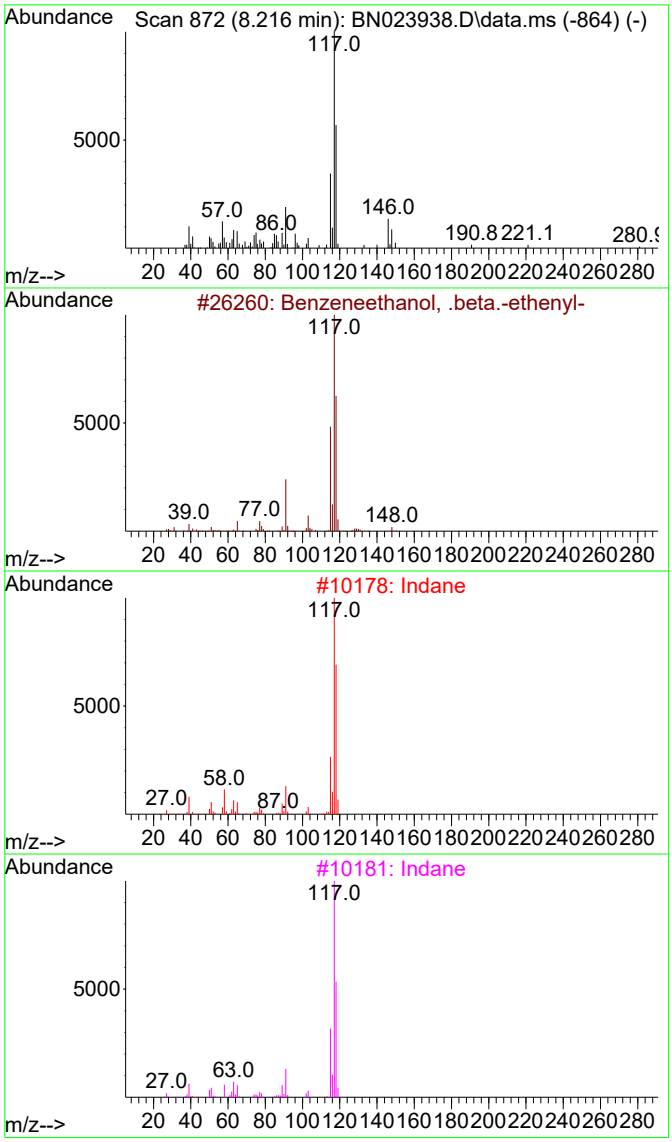
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

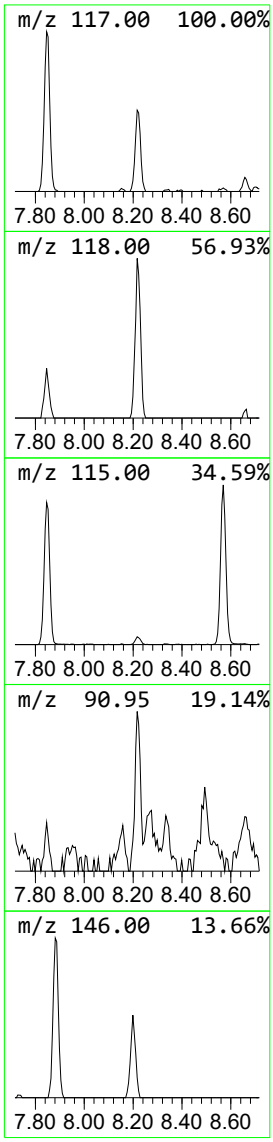
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzeneethanol, .beta.-ethe... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.216	2.16 ng/ul	120936	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	83
2	Indane	118	C9H10	000496-11-7	76
3	Indane	118	C9H10	000496-11-7	76
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
5	Indane	118	C9H10	000496-11-7	68





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Data File : BN023938.D
Acq On : 03 Feb 2023 12:06
Operator : CG/JU
Sample : 01316-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A44G8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

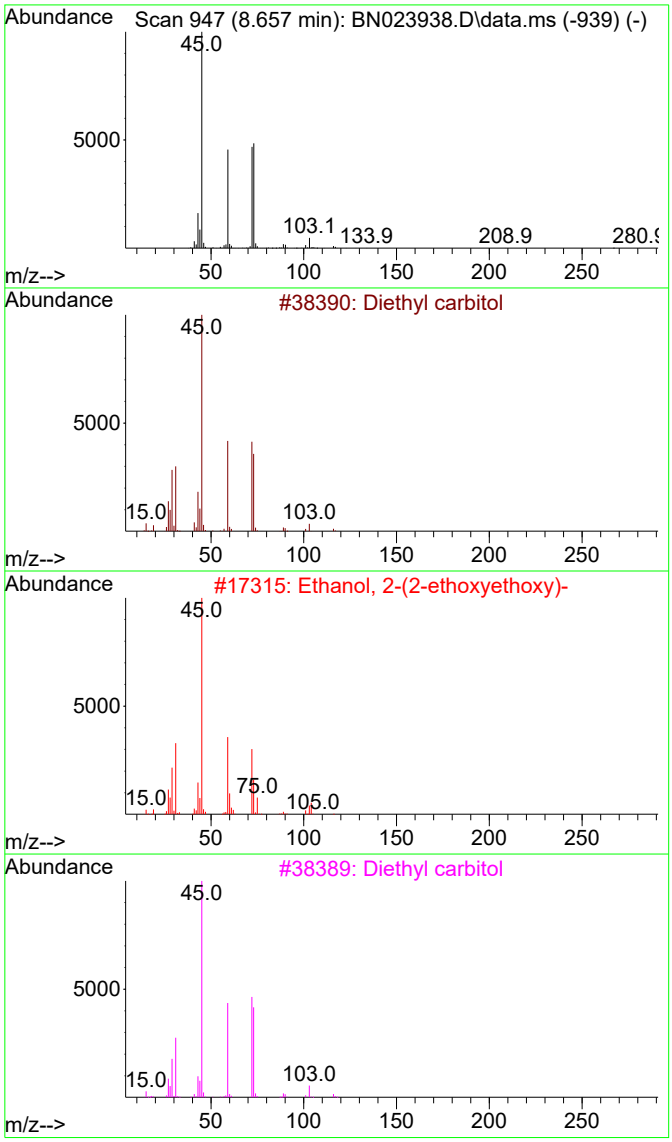
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

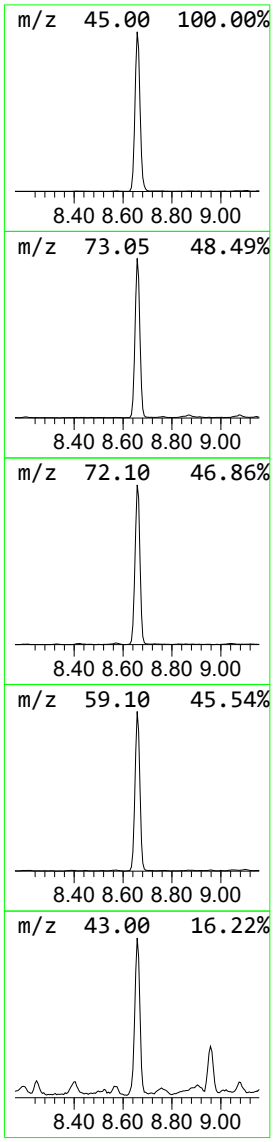
****

Peak Number 6 Diethyl carbitol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.657	23.27 ng/ul	1301870	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl carbitol	162	C8H18O3	000112-36-7	90
2	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
3	Diethyl carbitol	162	C8H18O3	000112-36-7	83
4	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	74





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Operator : CG/JU
Sample : 01316-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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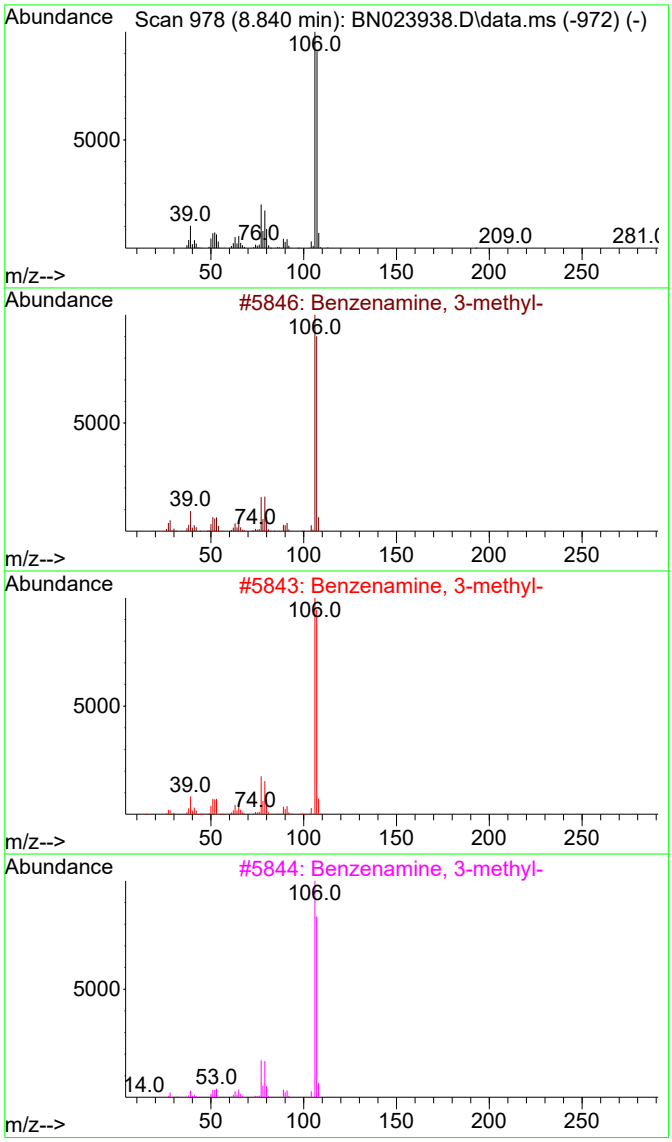
Quant Title : SVOA CALIBRATION

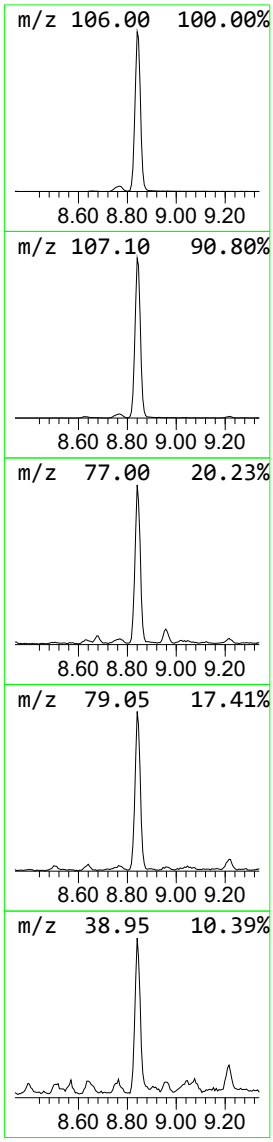
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzenamine, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.840	21.30 ng/ul	1191570	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
2	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
3	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
4	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	96
5	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	95





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ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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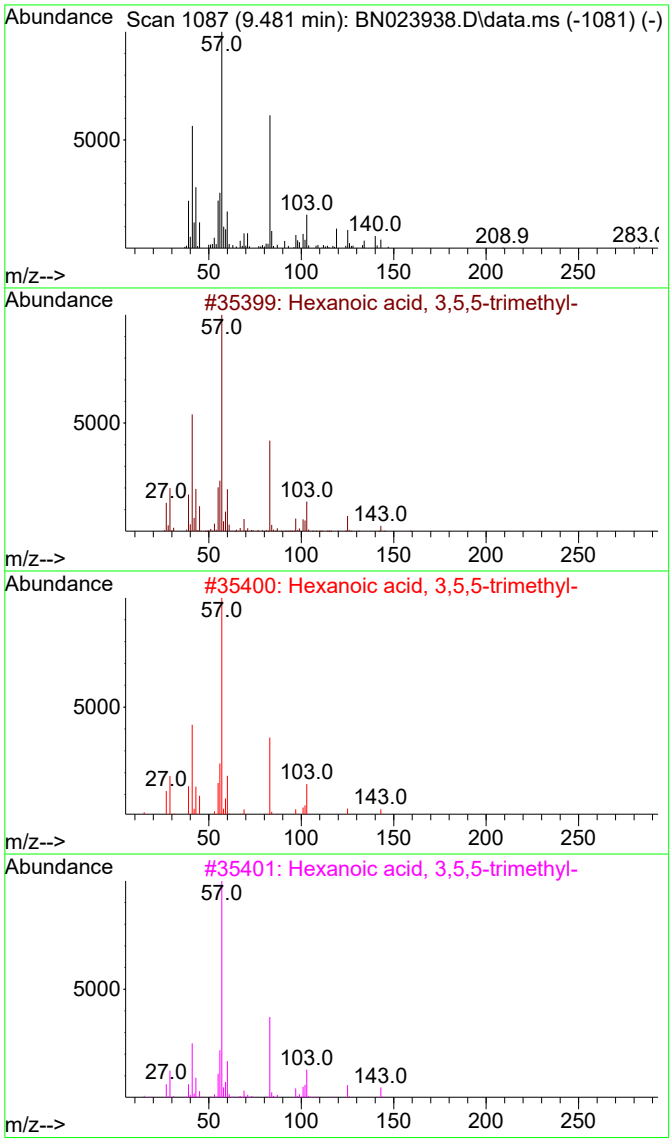
Quant Title : SVOA CALIBRATION

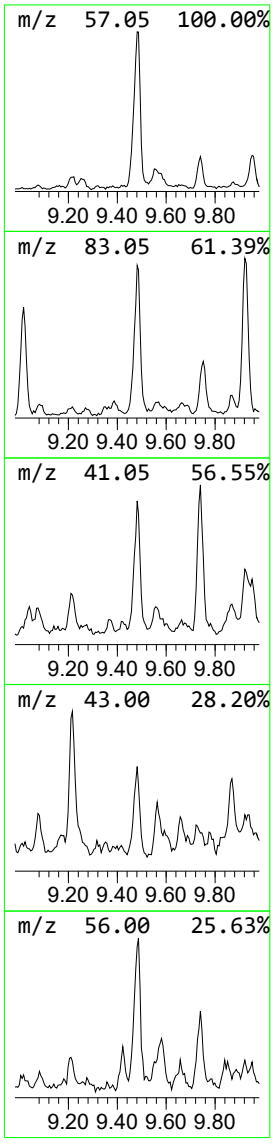
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Hexanoic acid, 3,5,5-trimet... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.481	3.19 ng/ul	243009	Naphthalene-d8	10.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	58
2	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	50
3	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	47
4	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	45
5	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	38





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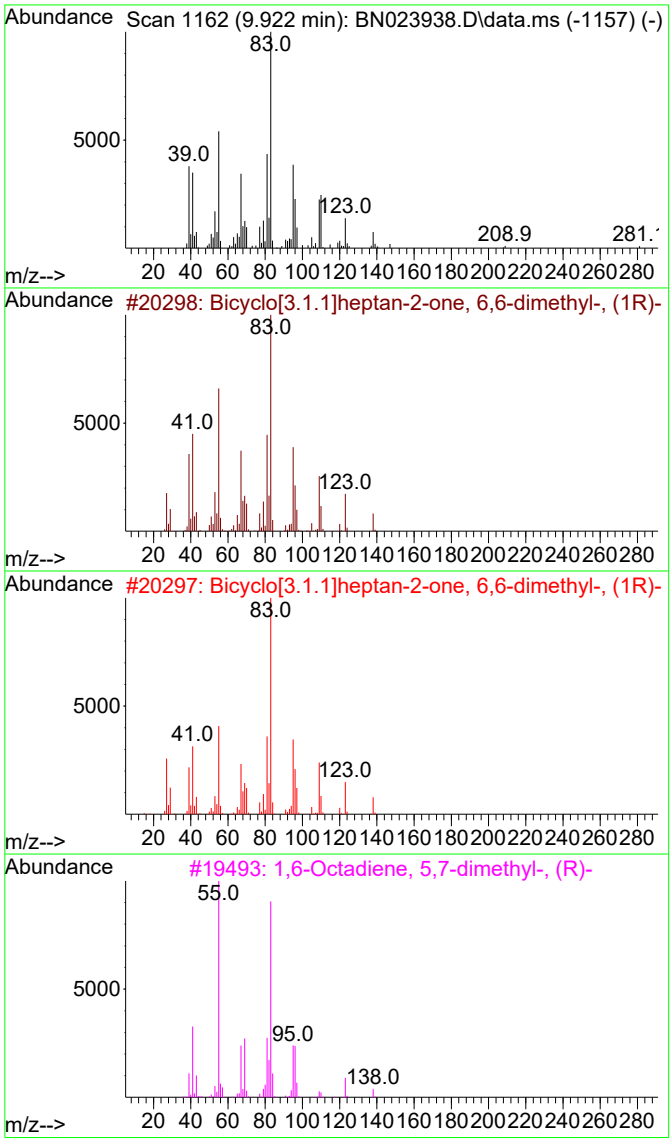
Quant Title : SVOA CALIBRATION

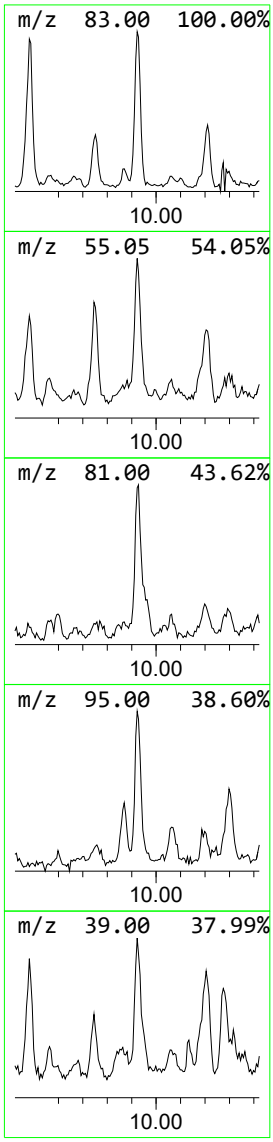
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Bicyclo[3.1.1]heptan-2-one,... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.922	3.08 ng/ul	234638	Naphthalene-d8	10.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	038651-65-9	96
2	Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	038651-65-9	74
3	1,6-Octadiene, 5,7-dimethyl-, (R)-	138	C10H18	085006-04-8	64
4	1,6-Octadiene, 5,7-dimethyl-, (R)-	138	C10H18	085006-04-8	53
5	N-Methoxy-2-carbomenthyloxyaziri...	255	C14H25NO3	060999-67-9	50





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ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

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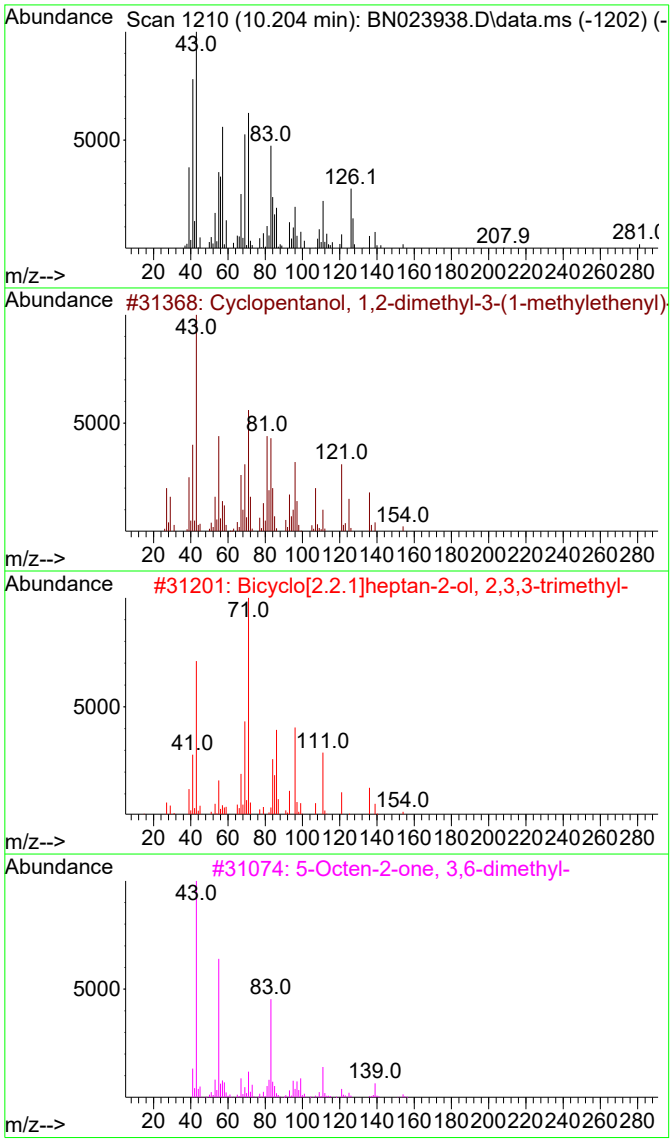
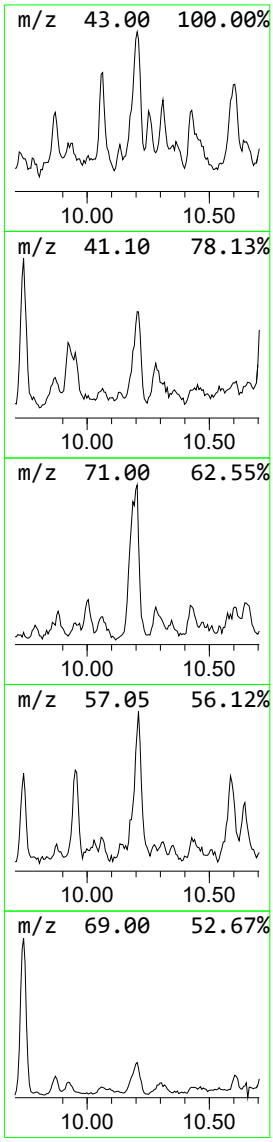
Peak Number 11 unknown-02 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.204	3.27 ng/ul	248531	Naphthalene-d8	10.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanol, 1,2-dimethyl-3-(1...	154	C10H18O	004028-60-8	43
2	Bicyclo[2.2.1]heptan-2-ol, 2,3,3...	154	C10H18O	000465-31-6	38
3	5-Octen-2-one, 3,6-dimethyl-	154	C10H18O	064165-21-5	30
4	1-Butanone, 1-cyclohexyl-	154	C10H18O	001462-27-7	27
5	2-Heptenal, (E)-	112	C7H12O	018829-55-5	25





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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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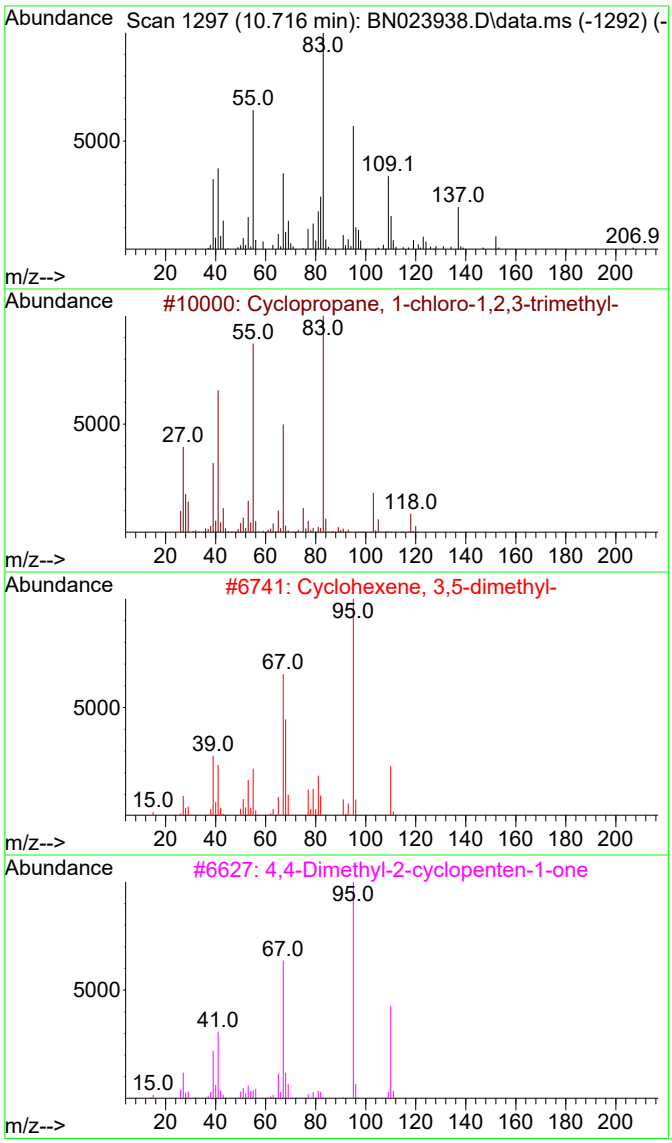
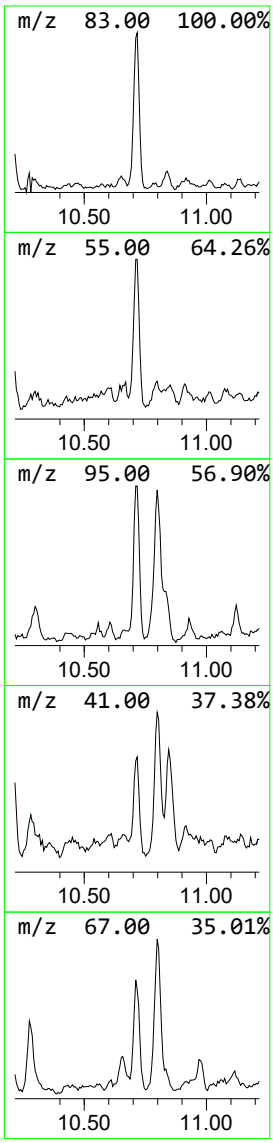
Peak Number 12 unknown-03 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.716	3.39 ng/ul	258086	Naphthalene-d8	10.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-chloro-1,2,3-tri...	118	C6H11Cl	061177-20-6	27
2	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	25
3	4,4-Dimethyl-2-cyclopenten-1-one	110	C7H10O	022748-16-9	18
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	18
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	18





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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

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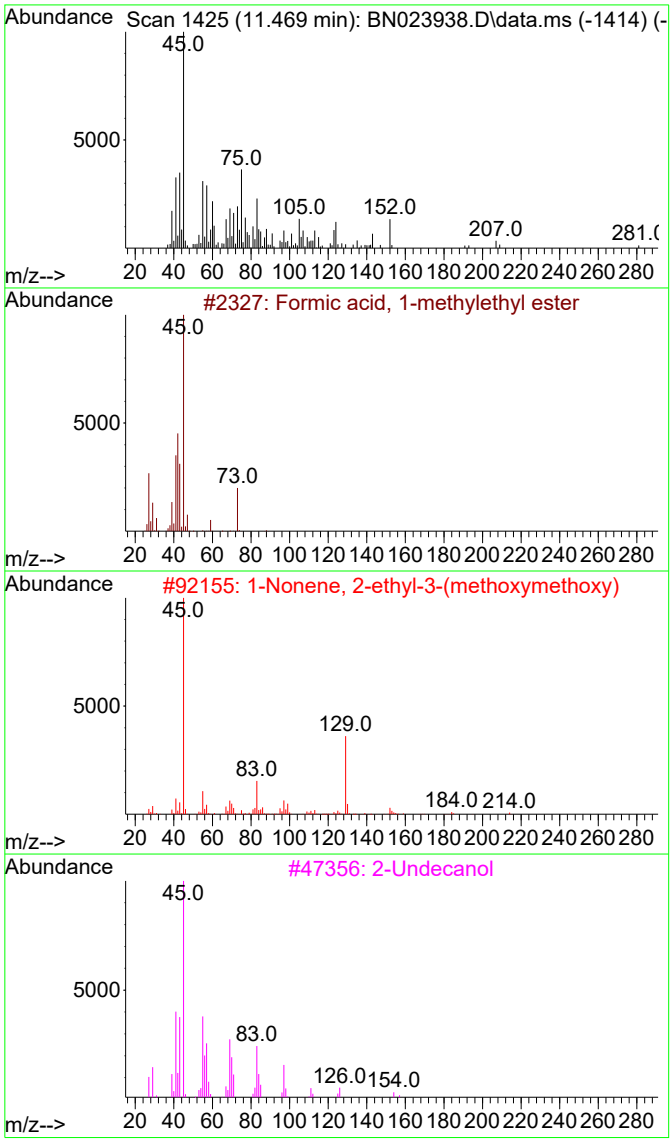
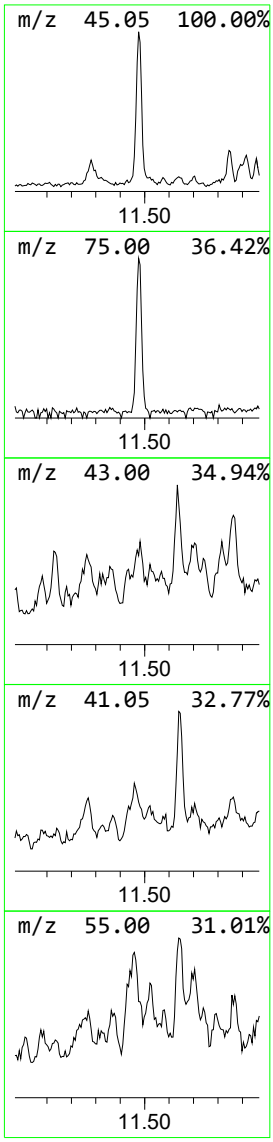
Peak Number 13 unknown-04 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.469	4.28 ng/ul	325365	Naphthalene-d8	10.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	38
2	1-Nonene, 2-ethyl-3-(methoxymeth...	214	C13H26O2	1000197-21-7	38
3	2-Undecanol	172	C11H24O	001653-30-1	38
4	2-Decanol	158	C10H22O	001120-06-5	38
5	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	35





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Sample : 01316-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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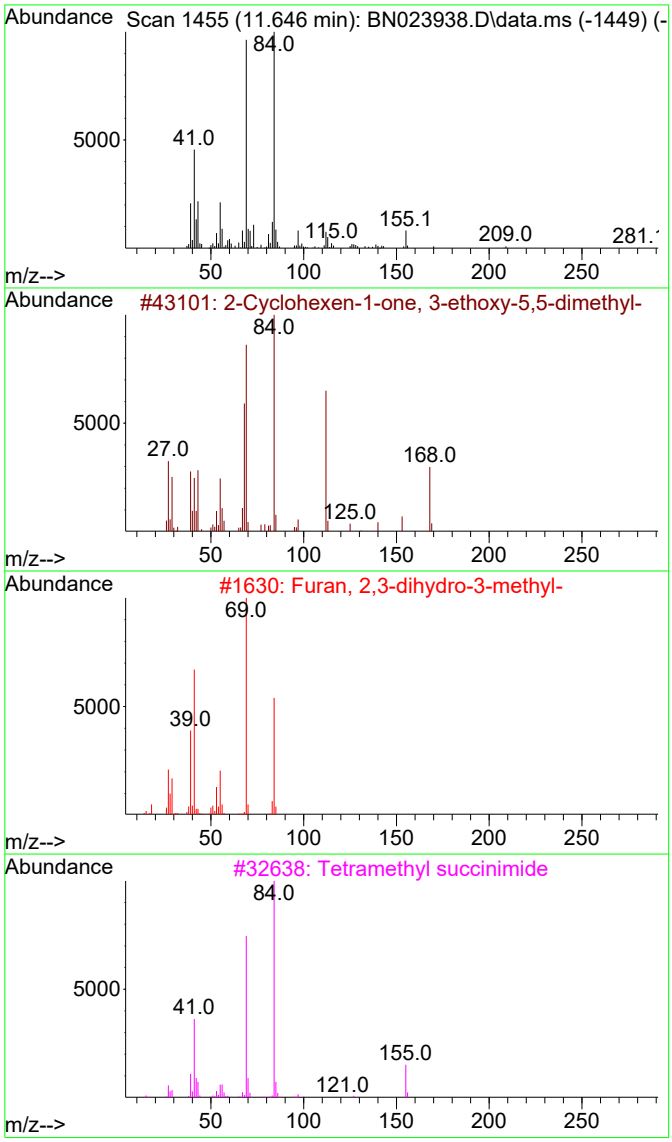
Quant Title : SVOA CALIBRATION

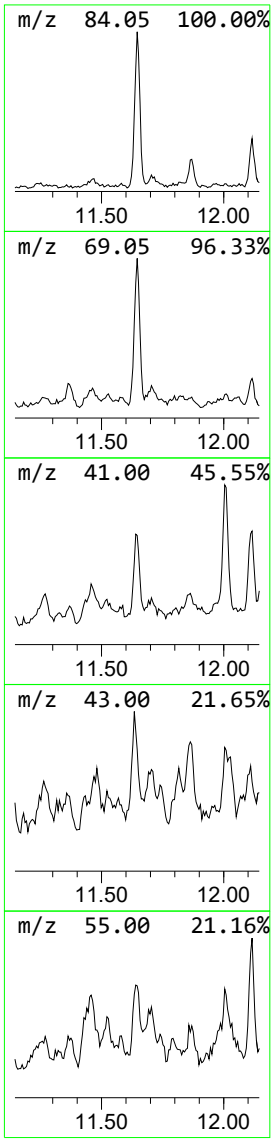
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 2-Cyclohexen-1-one, 3-ethox... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.646	2.79 ng/ul	211992	Naphthalene-d8	10.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 3-ethoxy-5,5...	168	C10H16O2	006267-39-6	72
2	Furan, 2,3-dihydro-3-methyl-	84	C5H8O	001708-27-6	72
3	Tetramethyl succinimide	155	C8H13NO2	003566-61-8	64
4	2-Azetidinone, 3,3,4,4-tetramethyl-	127	C7H13NO	013423-22-8	64
5	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	64





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Sample : 01316-04
Misc :
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Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

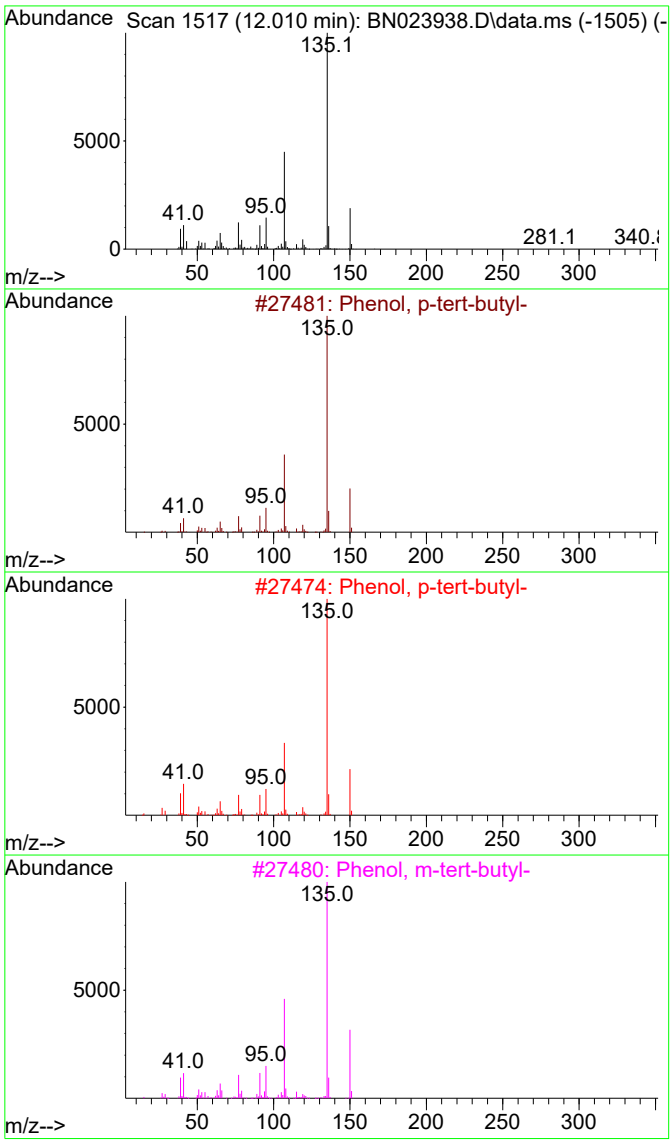
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

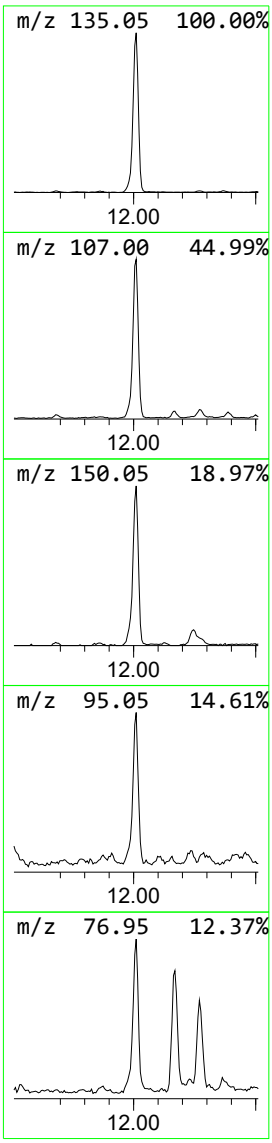
****

Peak Number 15 Phenol, p-tert-butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	11.25 ng/ul	856058	Naphthalene-d8	10.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	96
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	94
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
5	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	91





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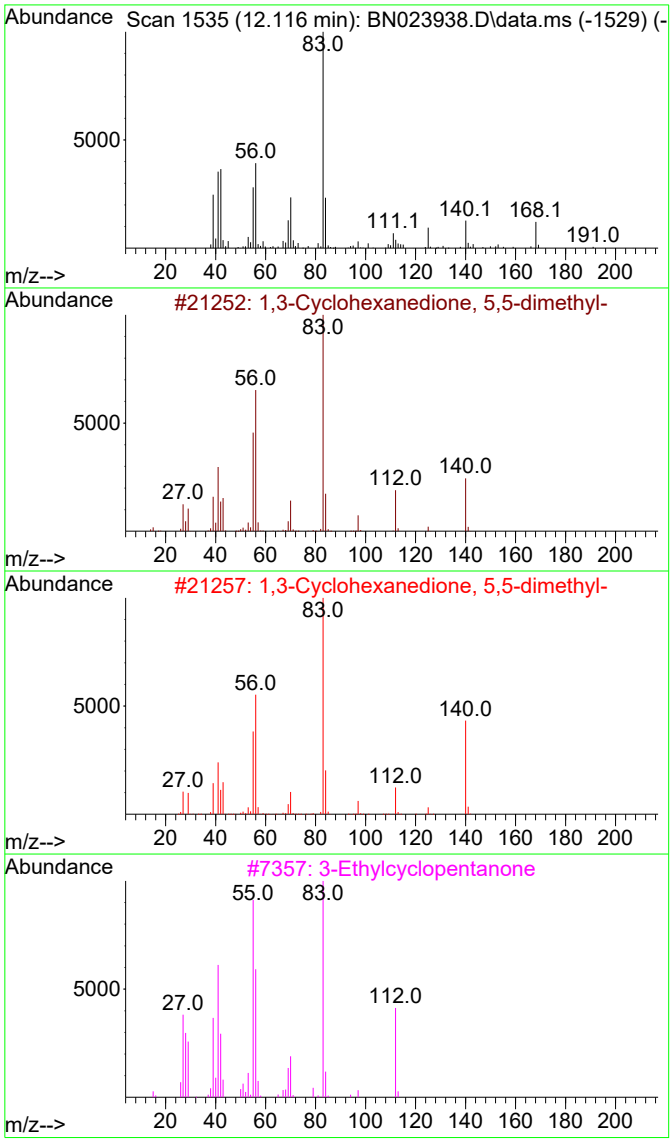
Quant Title : SVOA CALIBRATION

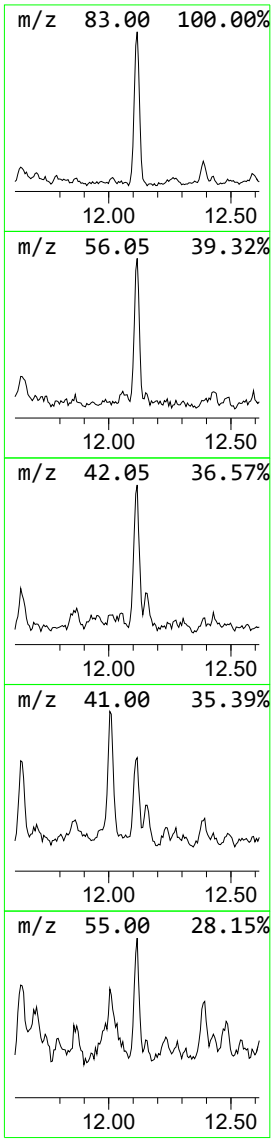
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,3-Cyclohexanedione, 5,5-d... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.116	2.99 ng/ul	227748	Naphthalene-d8	10.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	59
2	1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	59
3	3-Ethylcyclopentanone	112	C7H12O	010264-55-8	53
4	2-Pyrazoline, 4-ethyl-1-methyl-	112	C6H12N2	022581-42-6	49
5	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	46





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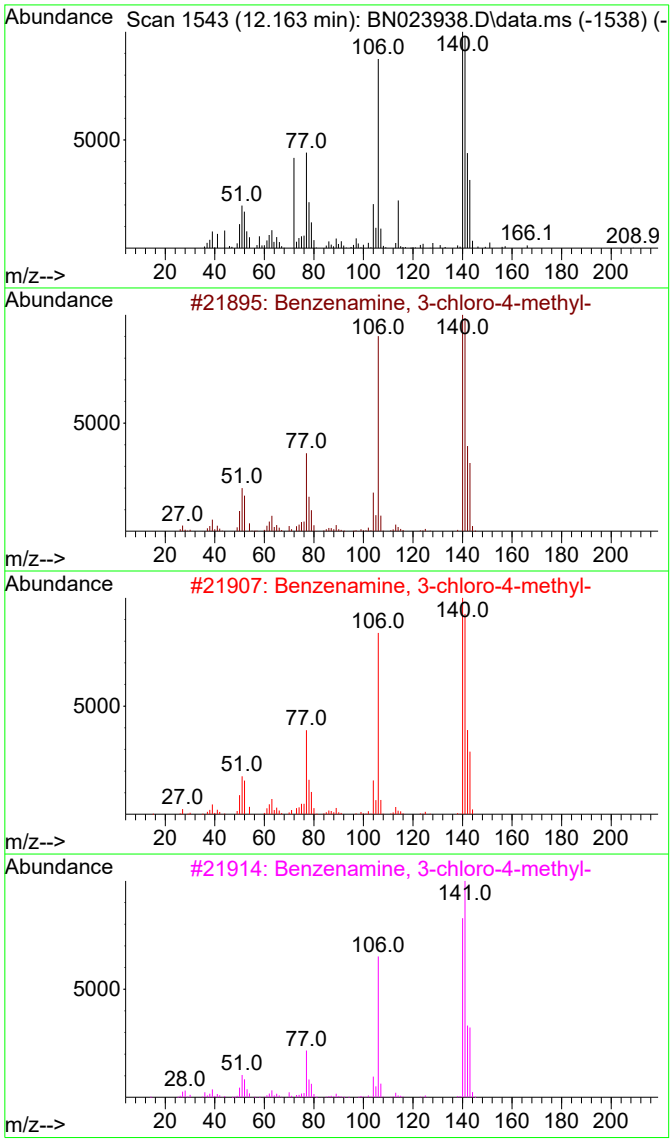
Quant Title : SVOA CALIBRATION

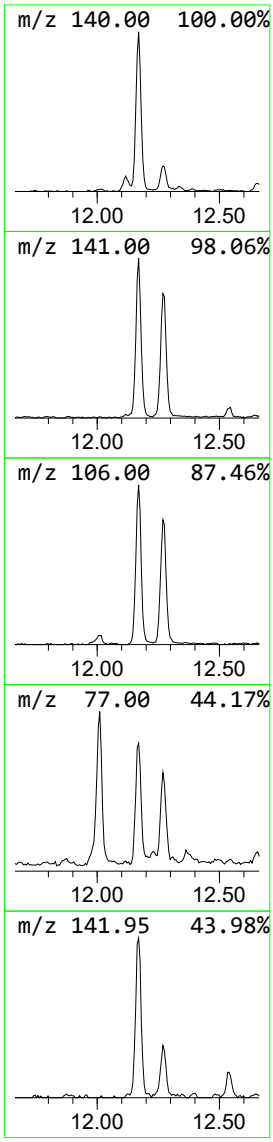
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzenamine, 3-chloro-4-met... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.163	6.00 ng/ul	456993	Naphthalene-d8	10.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	98
2	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	98
3	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	93
4	Benzenamine, 2-chloro-4-methyl-	141	C7H8ClN	000615-65-6	90
5	Benzenamine, 2-chloro-4-methyl-	141	C7H8ClN	000615-65-6	83





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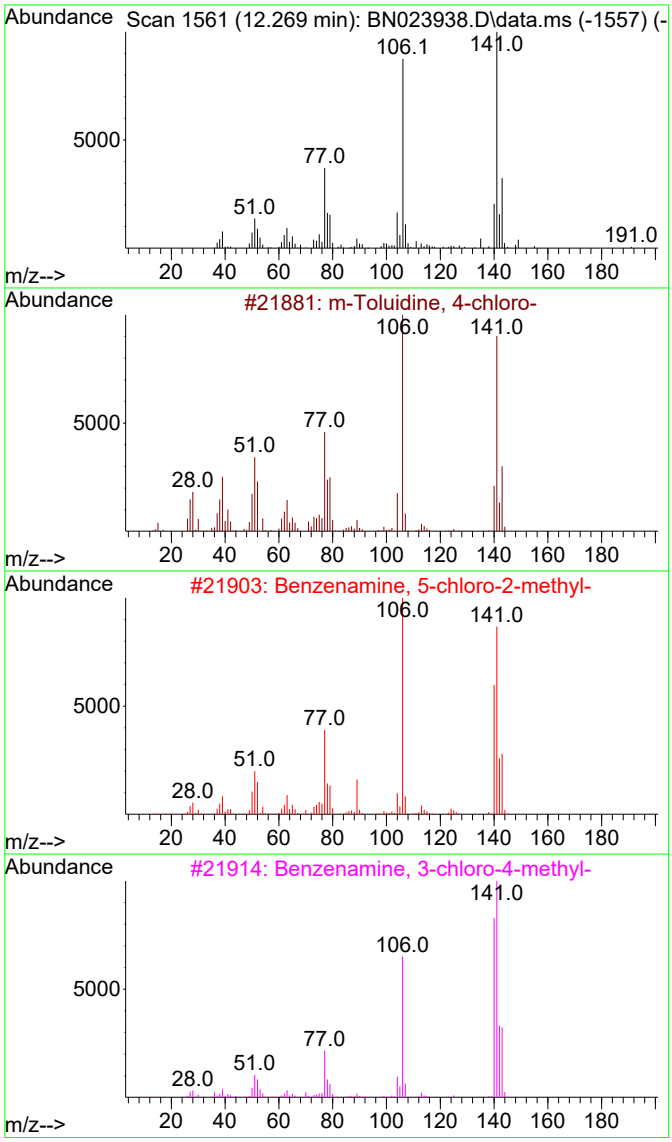
Quant Title : SVOA CALIBRATION

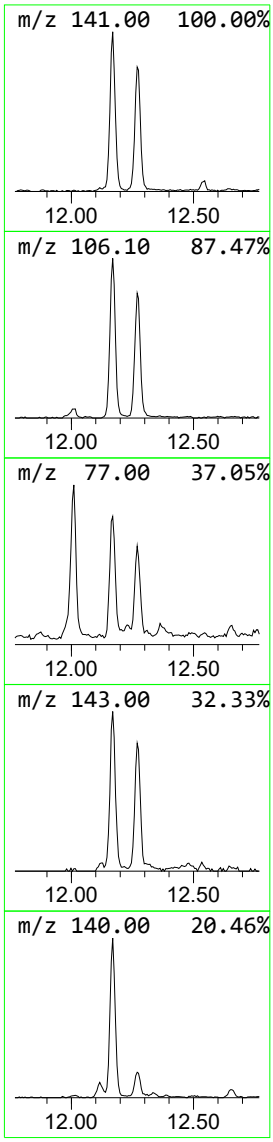
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 m-Toluidine, 4-chloro- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.269	4.25 ng/ul	323334	Naphthalene-d8	10.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Toluidine, 4-chloro-	141	C7H8ClN	007149-75-9	93
2	Benzenamine, 5-chloro-2-methyl-	141	C7H8ClN	000095-79-4	87
3	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	87
4	Benzenamine, 2-chloro-4-methyl-	141	C7H8ClN	000615-65-6	87
5	Benzenamine, 3-chloro-2-methyl-	141	C7H8ClN	000087-60-5	83





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Acq On : 03 Feb 2023 12:06
Operator : CG/JU
Sample : 01316-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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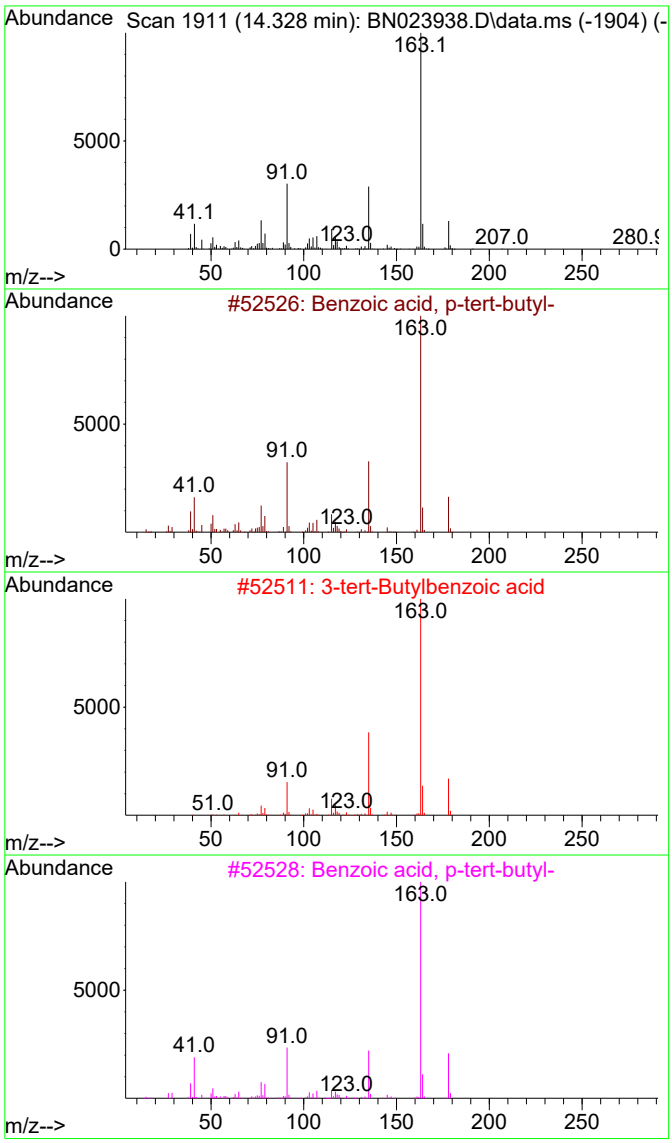
Quant Title : SVOA CALIBRATION

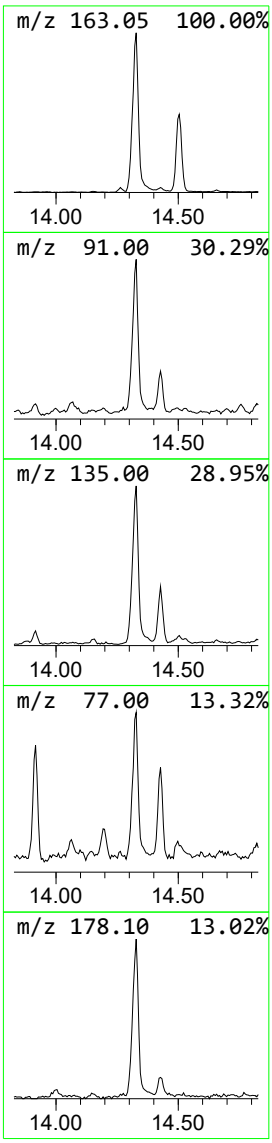
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzoic acid, p-tert-butyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.328	7.11 ng/ul	762154	Acenaphthene-d10	14.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	96
2	3-tert-Butylbenzoic acid	178	C11H14O2	007498-54-6	94
3	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	93
4	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	76
5	Benzaldehyde, 5-(1,1-dimethyleth...	178	C11H14O2	002725-53-3	64





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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

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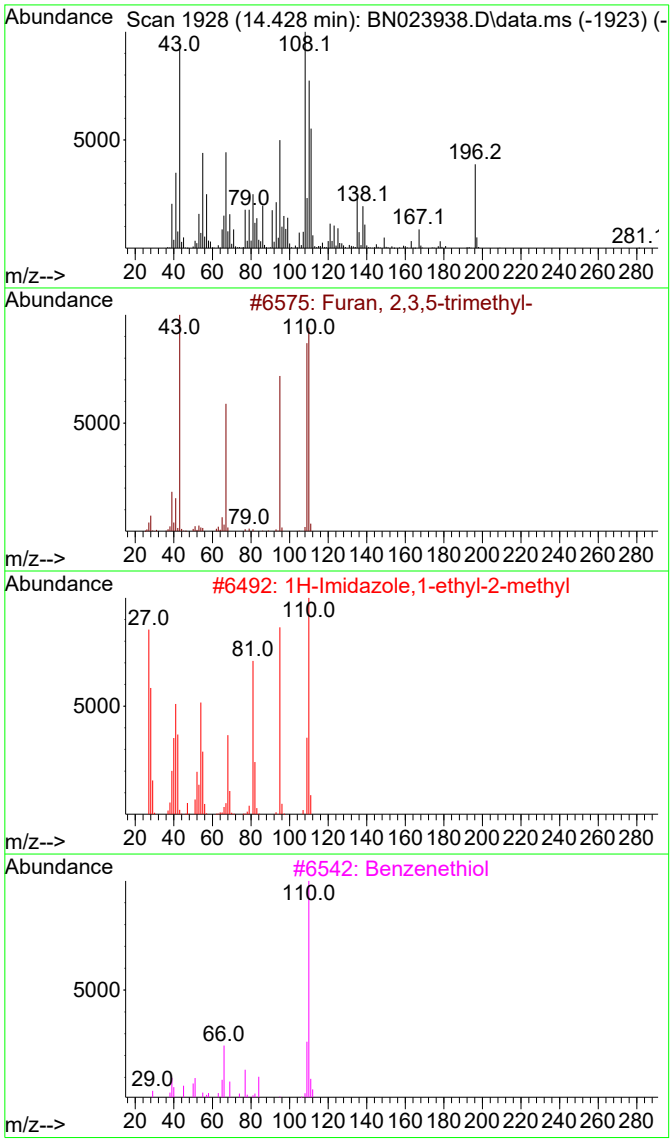
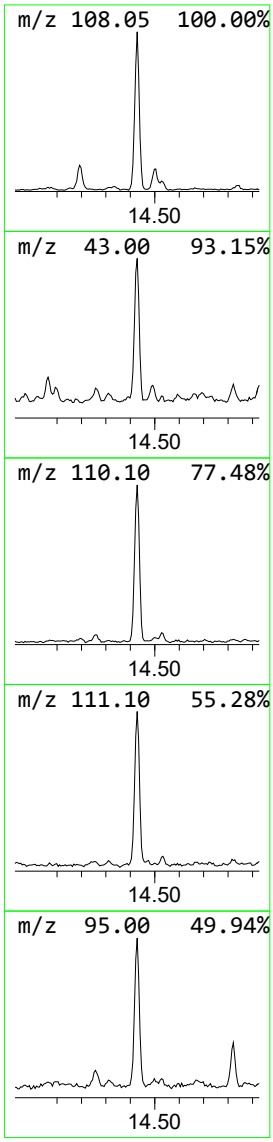
Peak Number 23 unknown-05 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.428	8.18 ng/ul	877461	Acenaphthene-d10	14.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2,3,5-trimethyl-	110	C7H10O	010504-04-8	27
2	1H-Imidazole,1-ethyl-2-methyl	110	C6H10N2	021202-52-8	22
3	Benzenethiol	110	C6H6S	000108-98-5	11
4	2-(2-Hydroxyethylamino)pyrimidine	139	C6H9N3O	001742-25-2	11
5	2-Pyridinamine, 3-methyl-	108	C6H8N2	001603-40-3	11





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

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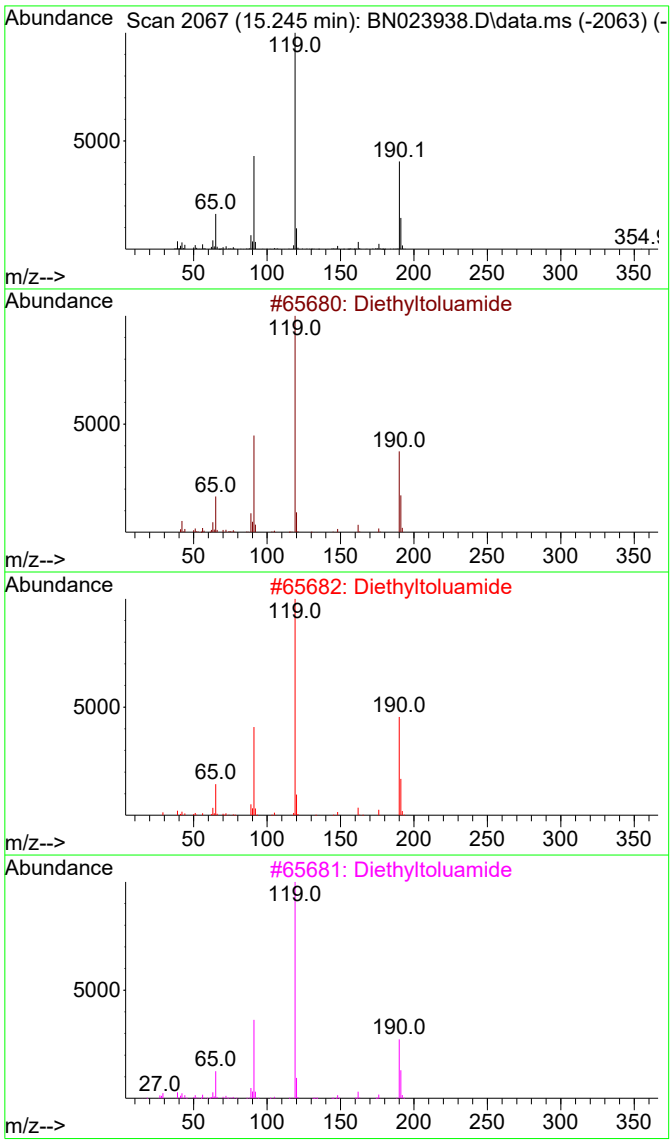
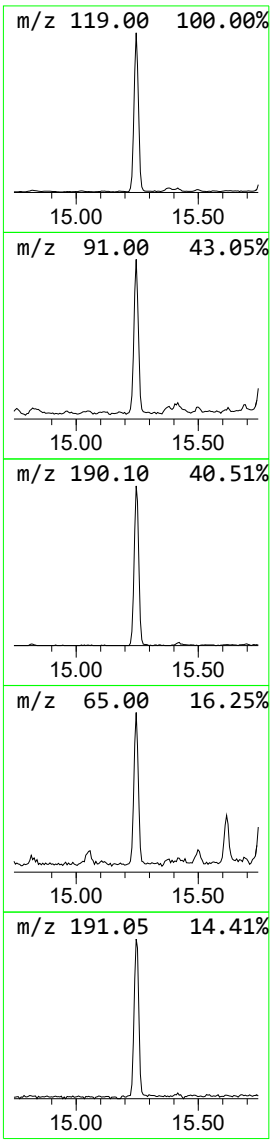
Peak Number 25 Diethyltoluamide Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.245	4.16 ng/ul	445834	Acenaphthene-d10	14.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2	Diethyltoluamide	191	C12H17NO	000134-62-3	96
3	Diethyltoluamide	191	C12H17NO	000134-62-3	96
4	Diethyltoluamide	191	C12H17NO	000134-62-3	95
5	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	87





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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

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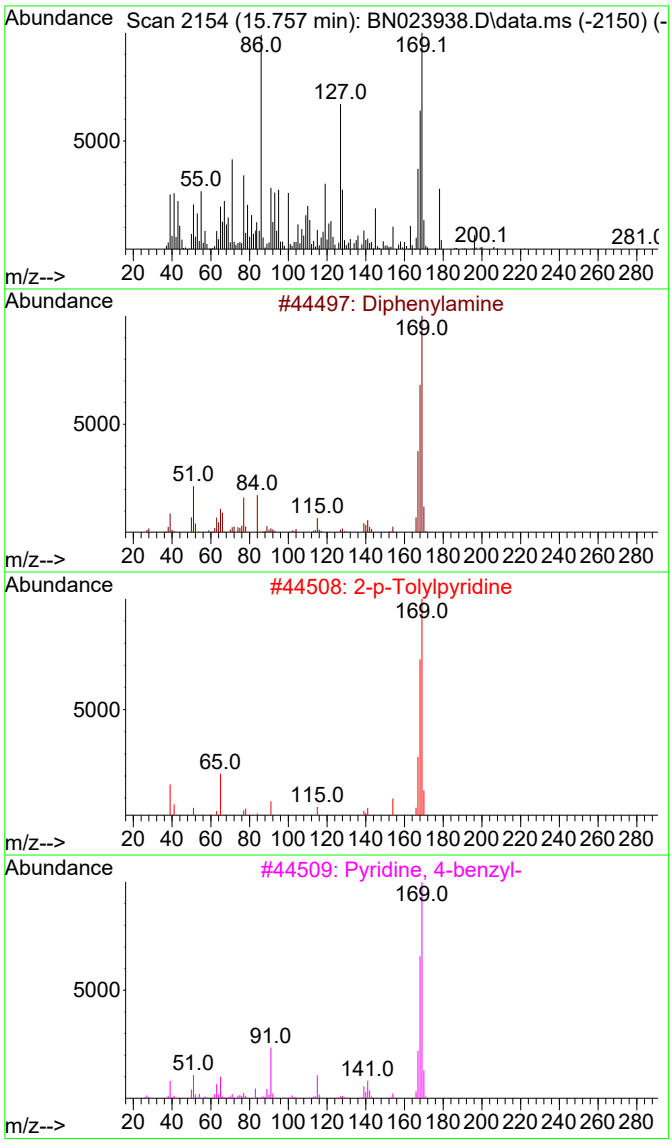
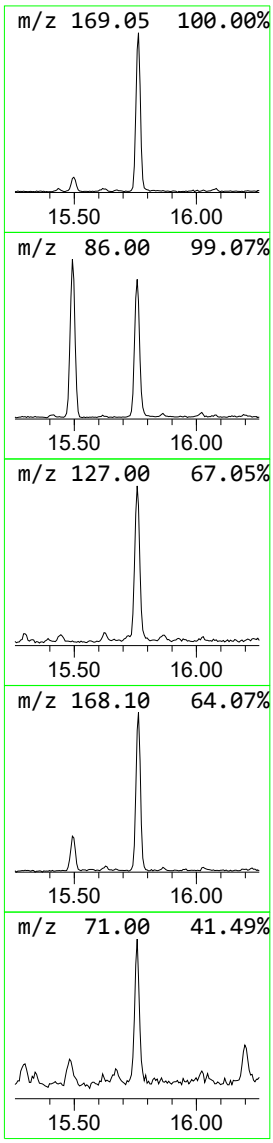
Peak Number 26 Diphenylamine Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.757	8.44 ng/ul	904660	Acenaphthene-d10	14.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylamine	169	C12H11N	000122-39-4	70
2	2-p-Tolylpyridine	169	C12H11N	004467-06-5	38
3	Pyridine, 4-benzyl-	169	C12H11N	002116-65-6	38
4	2-Aminobiphenyl	169	C12H11N	000090-41-5	38
5	Diphenylamine	169	C12H11N	000122-39-4	38





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Quant Title : SVOA CALIBRATION

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

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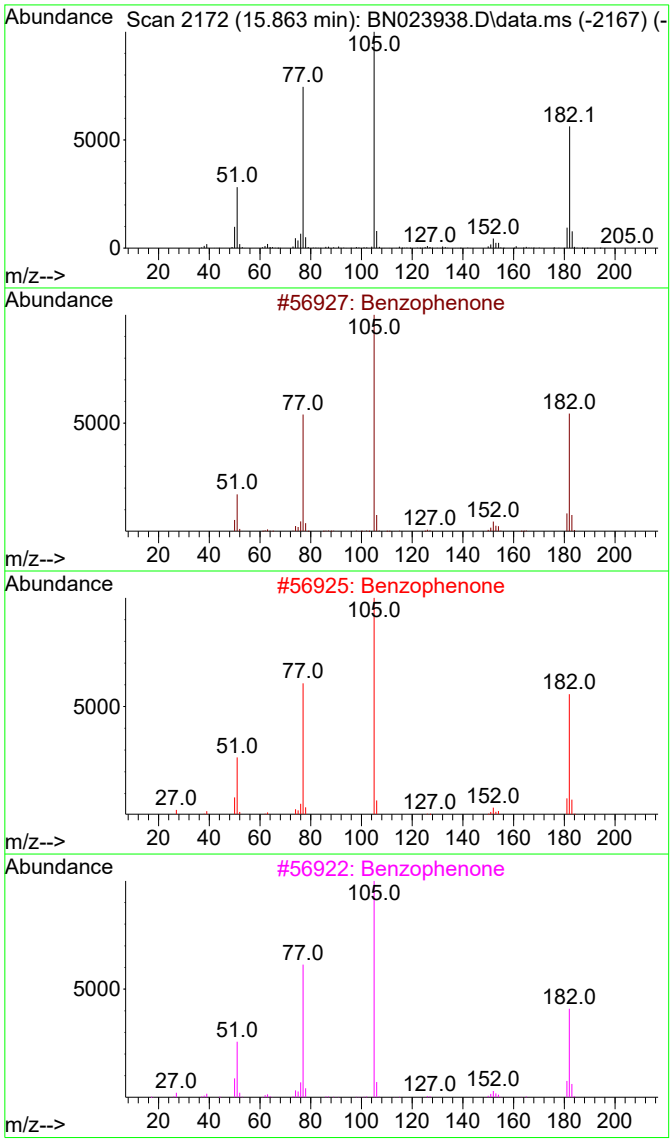
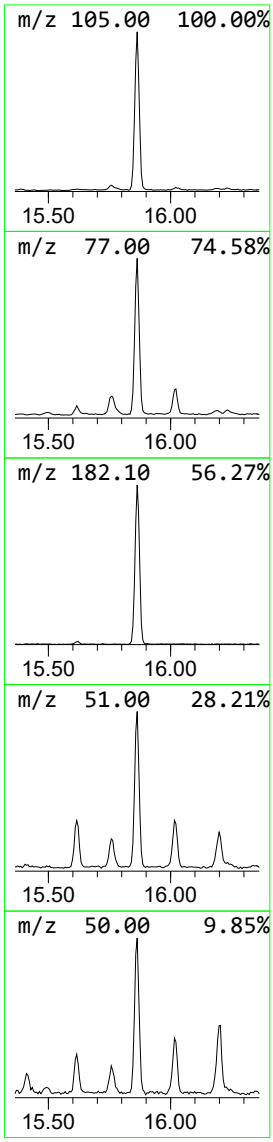
Peak Number 27 Benzophenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.863	6.48 ng/ul	694490	Acenaphthene-d10	14.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	96
4	Benzophenone	182	C13H10O	000119-61-9	94
5	Benzophenone	182	C13H10O	000119-61-9	91





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ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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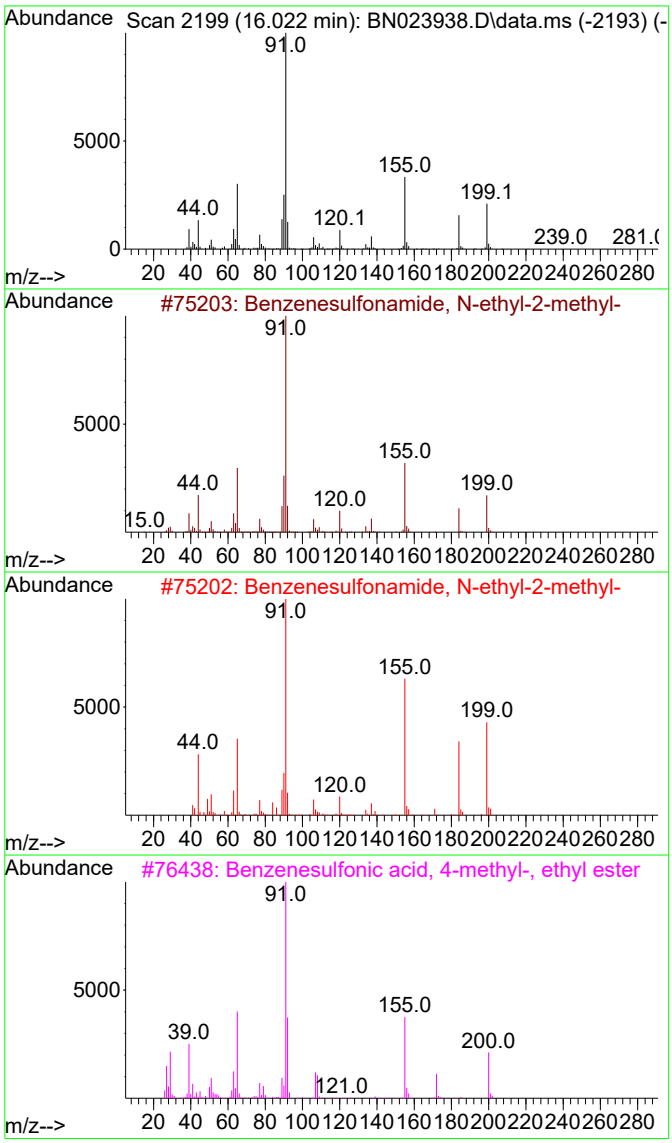
Quant Title : SVOA CALIBRATION

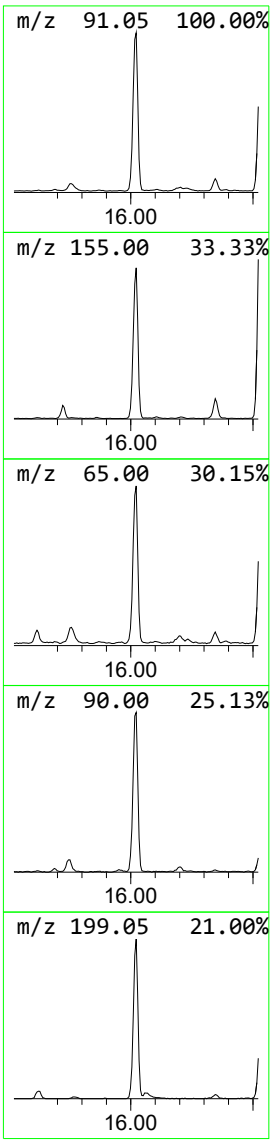
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzenesulfonamide, N-ethyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.022	11.69 ng/ul	1390150	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	97
2	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	58
3	Benzenesulfonic acid, 4-methyl-,...	200	C9H12O3S	000080-40-0	49
4	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	49
5	1-Hydroxytricyclo[4.3.0.0(4,9)]n...	308	C16H20O4S	201992-83-8	47





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Sample : 01316-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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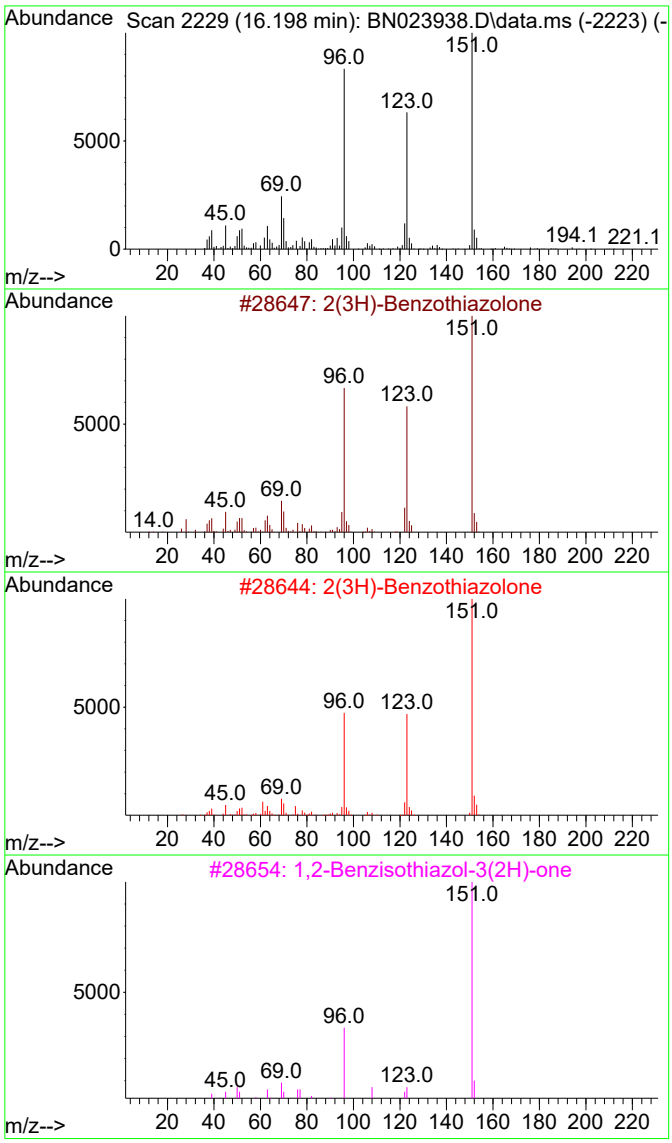
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

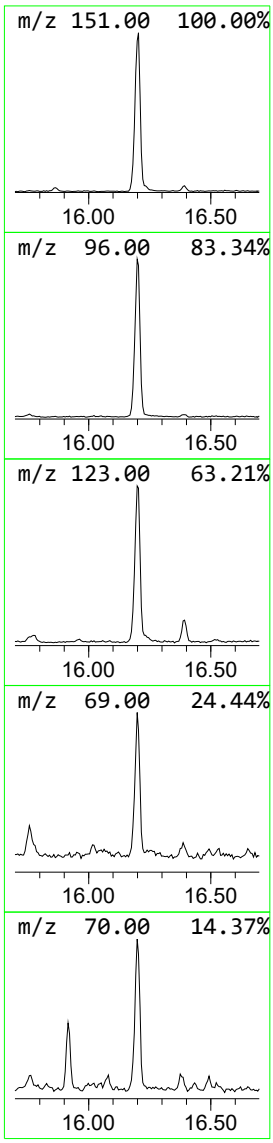
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 2(3H)-Benzothiazolone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.198	7.42 ng/ul	882608	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	95
2	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	94
3	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	64
4	Thieno[3,2-b]pyridin-7-ol	151	C7H5NOS	107818-20-2	52
5	t-Butylhydroquinone	166	C10H14O2	001948-33-0	43





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Misc :
ALS Vial : 44 Sample Multiplier: 1

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ClientSampleId :
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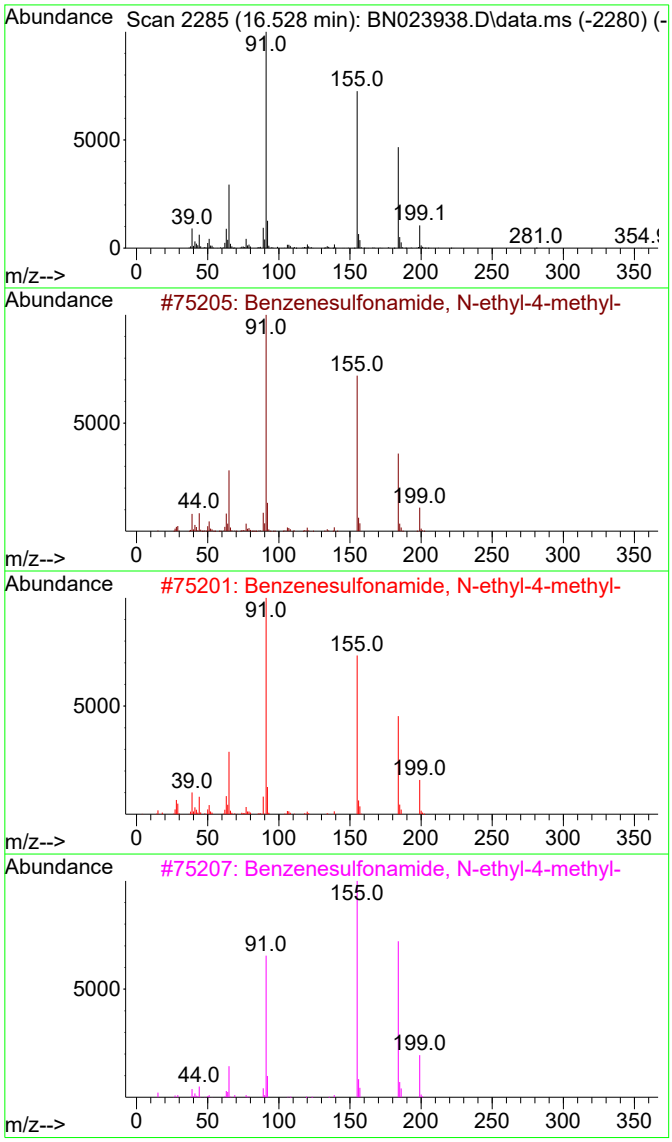
Quant Title : SVOA CALIBRATION

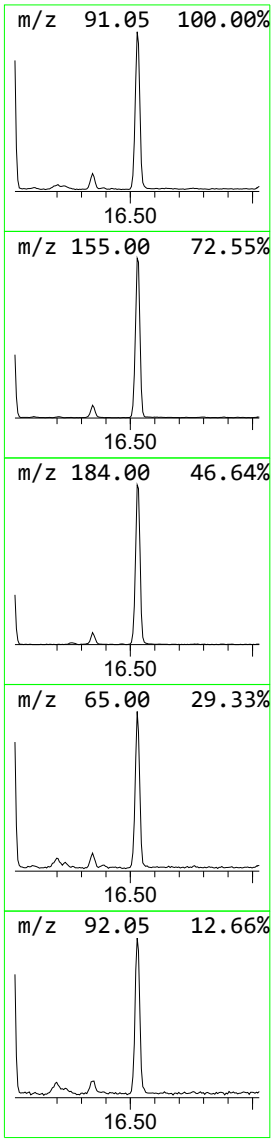
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzenesulfonamide, N-ethyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.528	8.84 ng/ul	1051200	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	98
2	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	95
3	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	94
4	4-Methyl-N-(2-oxobutyl)benzenesu...	241	C11H15NO3S	1000192-14-5	86
5	N-isobutyl-4-methylbenzenesulfon...	227	C11H17NO2S	023705-38-6	86





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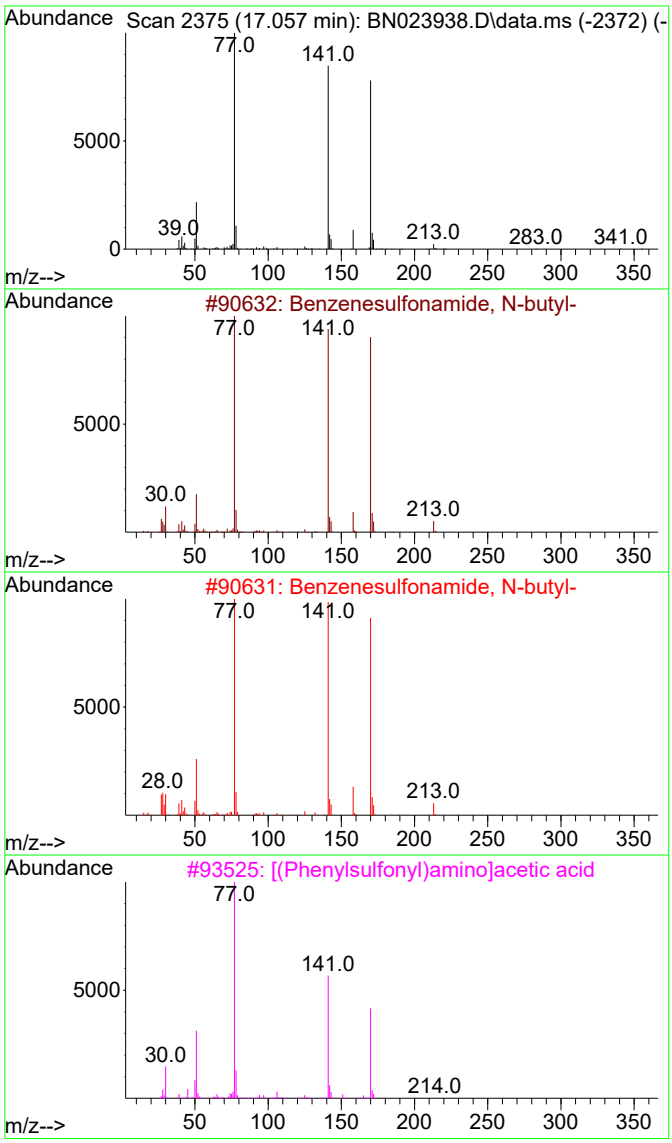
Quant Title : SVOA CALIBRATION

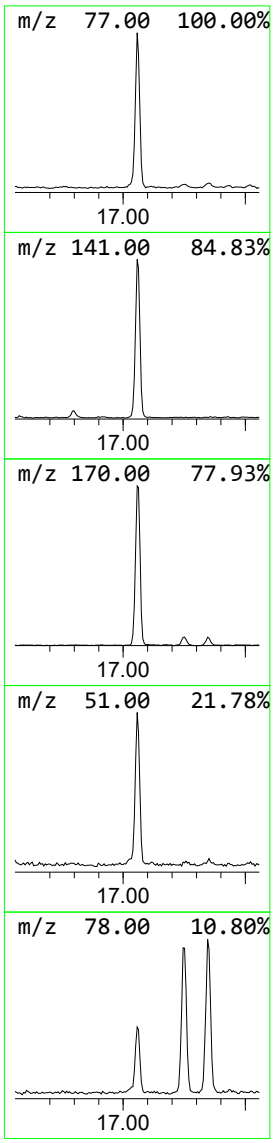
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzenesulfonamide, N-butyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.057	4.20 ng/ul	499084	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	90
2	Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	70
3	[(Phenylsulfonyl)amino]acetic acid	215	C8H9NO4S	005398-96-9	59
4	2-propenoic acid, 2-methyl-, 2-[...	269	C12H15NO4S	1000401-71-8	56
5	Malononitrile, 2-phenylazo-	170	C9H6N4	006017-21-6	50





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Quant Title : SVOA CALIBRATION

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

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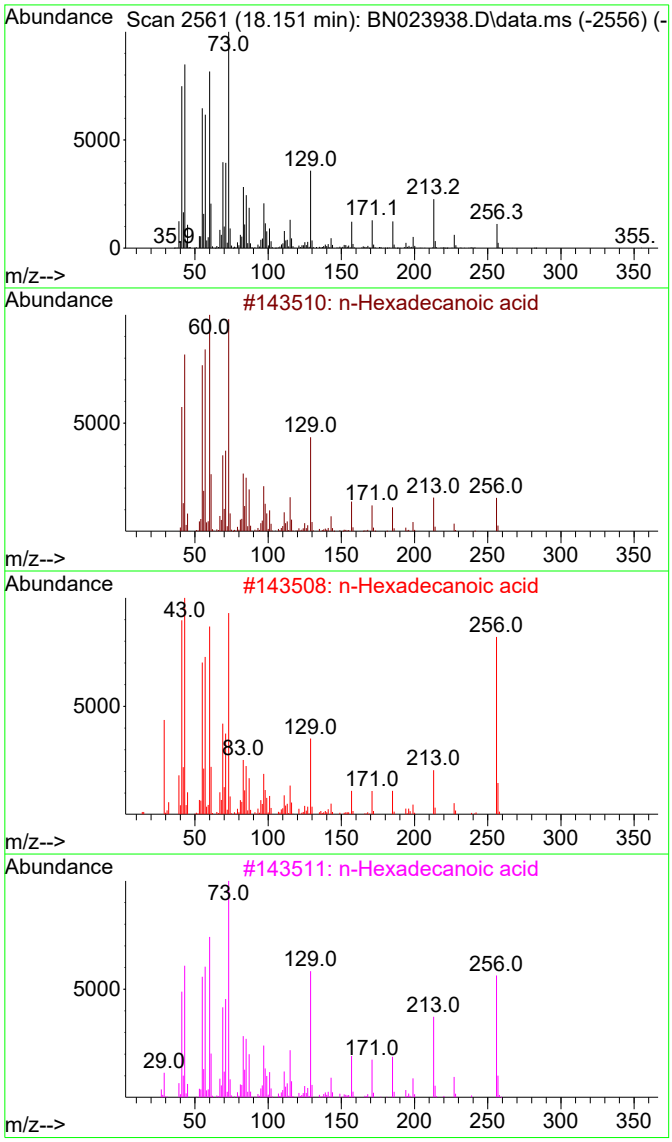
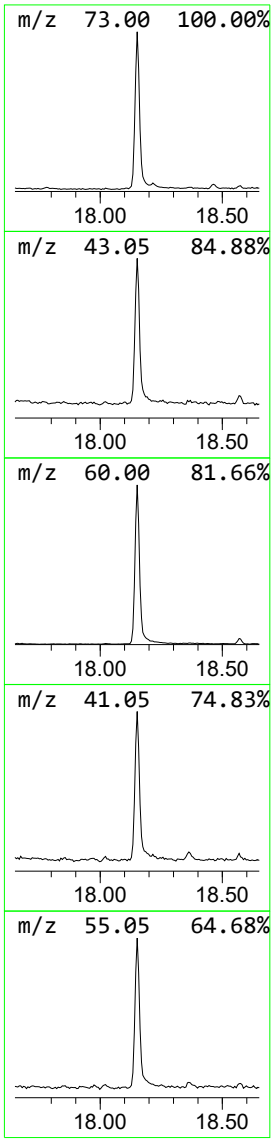
Peak Number 32 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	12.93 ng/ul	1537410	Phenanthrene-d10	17.251

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	91





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Quant Title : SVOA CALIBRATION

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

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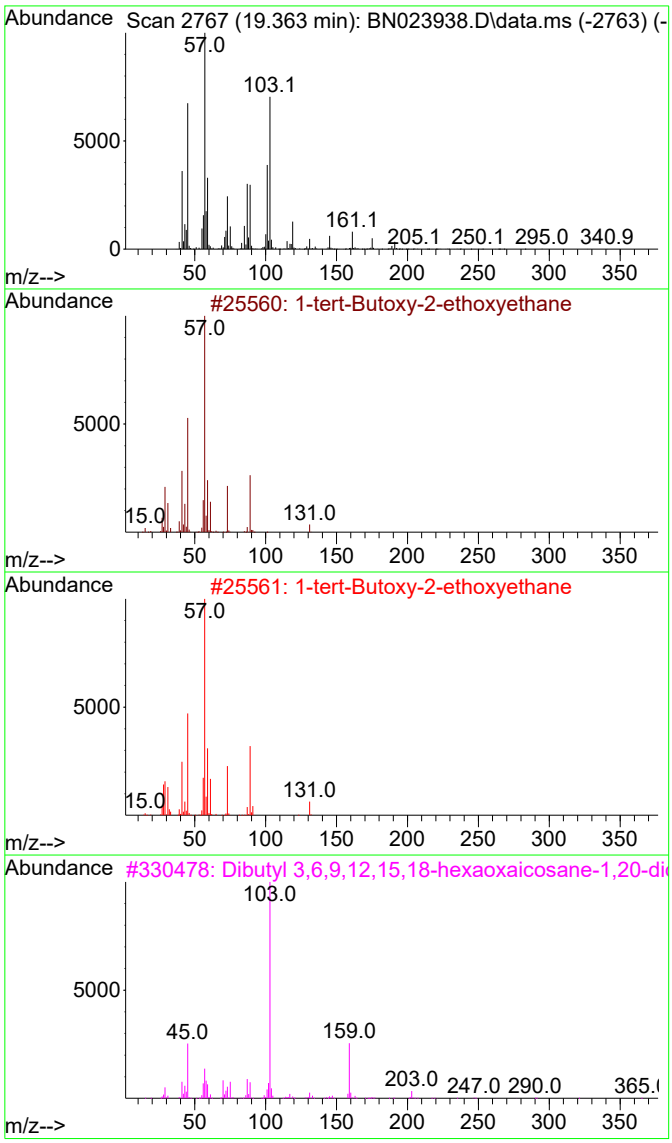
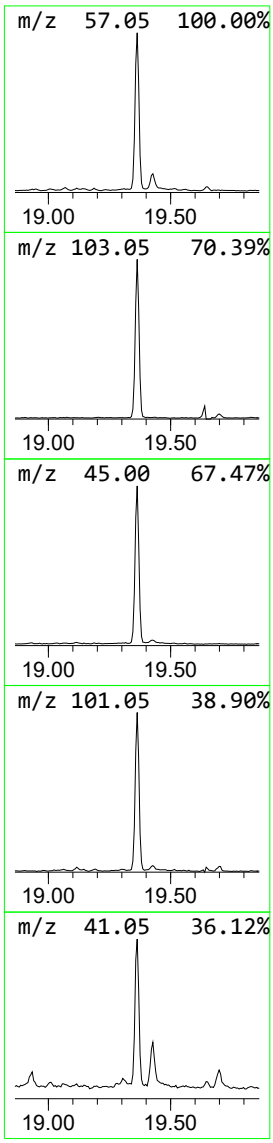
Peak Number 34 unknown-06 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.363	12.90 ng/ul	1298610	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-tert-Butoxy-2-ethoxyethane	146	C8H18O2	051422-54-9	38
2	1-tert-Butoxy-2-ethoxyethane	146	C8H18O2	051422-54-9	35
3	Dibutyl 3,6,9,12,15,18-hexaoxaic...	466	C22H42O10	1000366-80-0	35
4	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	27
5	Propane, 1,1'-[ethylidenebis(oxy...	174	C10H22O2	005669-09-0	27





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ClientSampleId :
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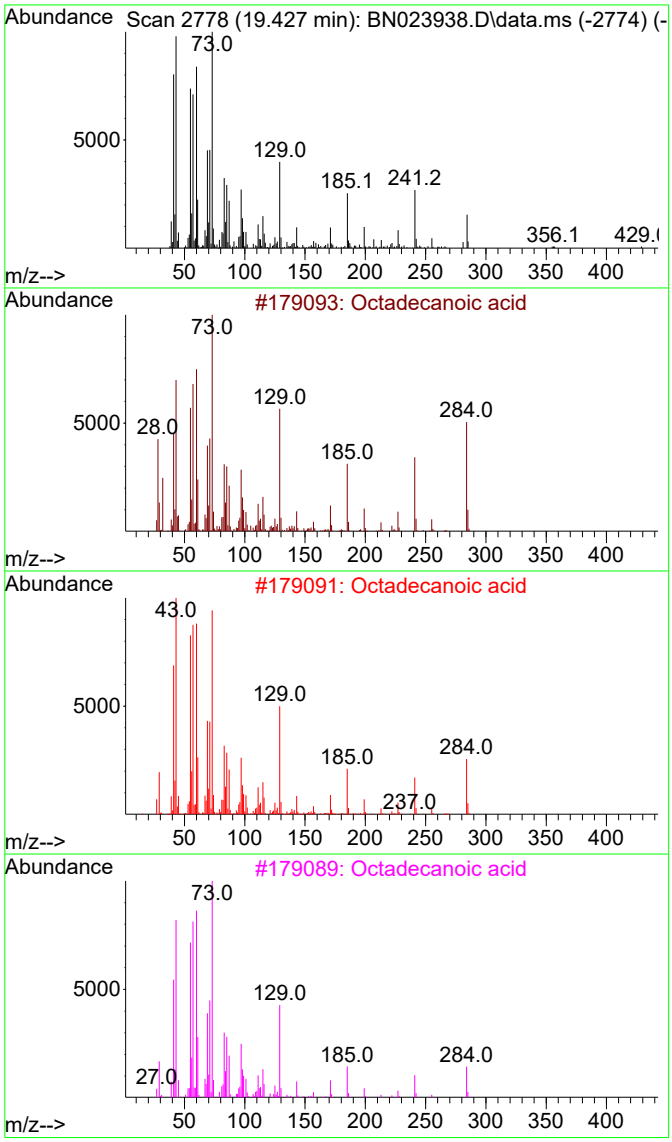
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

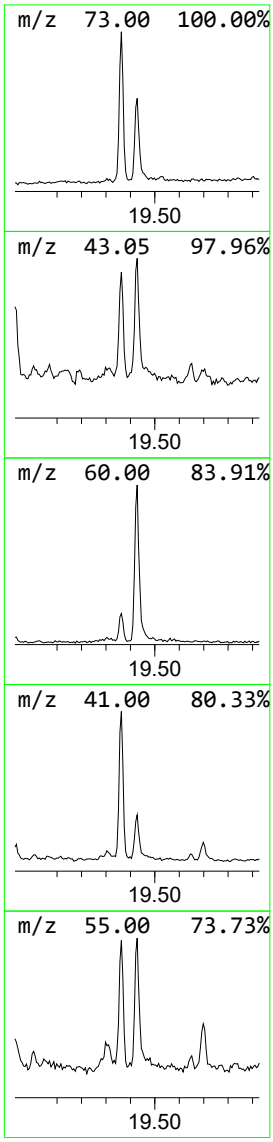
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.427	4.32 ng/ul	435396	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	97
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023938.D
Acq On : 03 Feb 2023 12:06
Operator : CG/JU
Sample : 01316-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A44G8

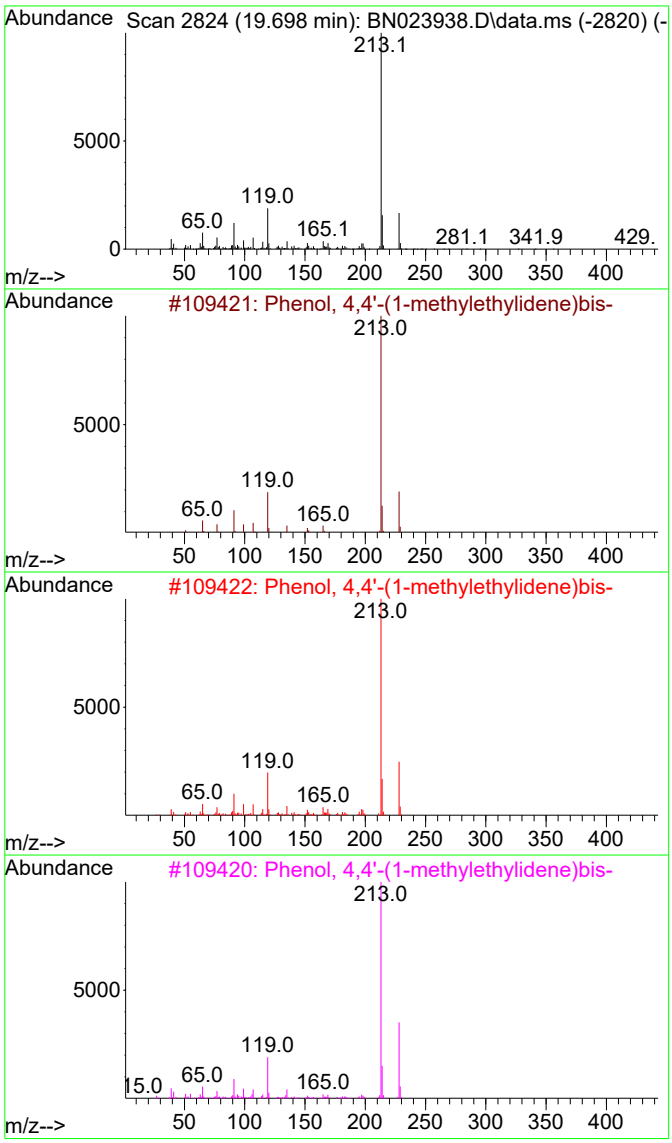
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

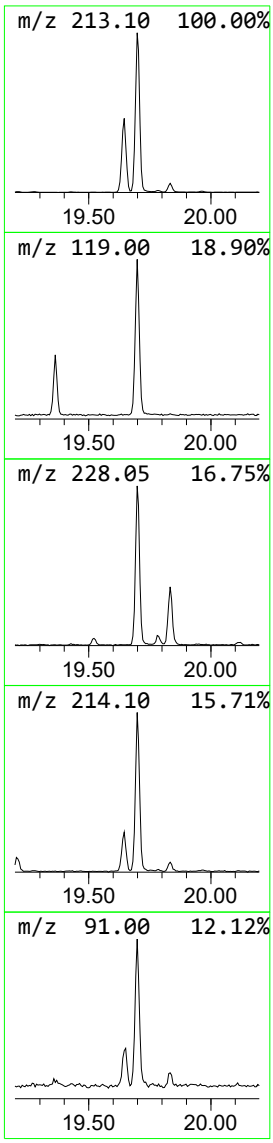
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Phenol, 4,4'-(1-methylethyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.698	12.09 ng/ul	1216990	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	98
2	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	93
3	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	91
4	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	91
5	5-Fluoro-2-nitrophenylamine, TMS...	228	C9H13FN2O2Si	1000484-54-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023938.D
Acq On : 03 Feb 2023 12:06
Operator : CG/JU
Sample : 01316-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A44G8

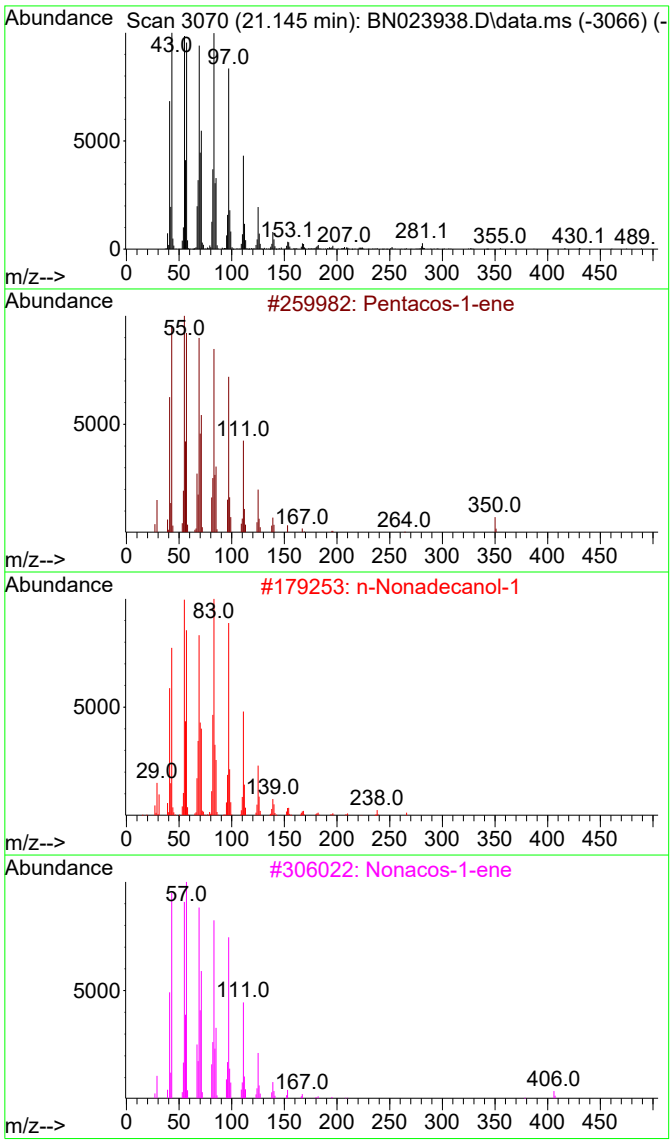
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

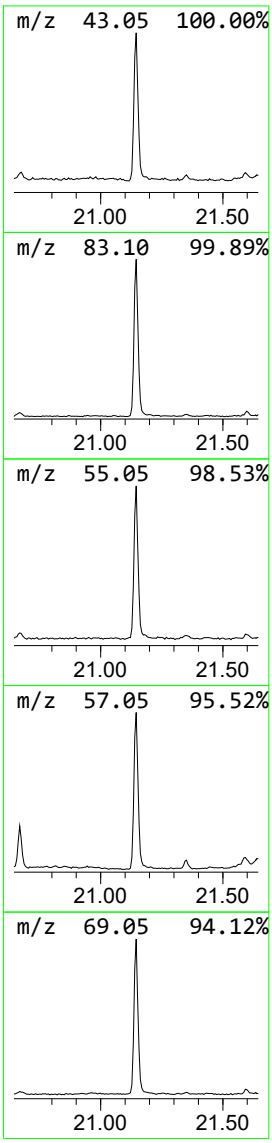
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.145	13.67 ng/ul	1376110	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacos-1-ene	350	C25H50	016980-85-1	94
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	Nonacos-1-ene	406	C29H58	018835-35-3	94
4	1-Tetracosene	336	C24H48	010192-32-2	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023938.D
Acq On : 03 Feb 2023 12:06
Operator : CG/JU
Sample : 01316-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A44G8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

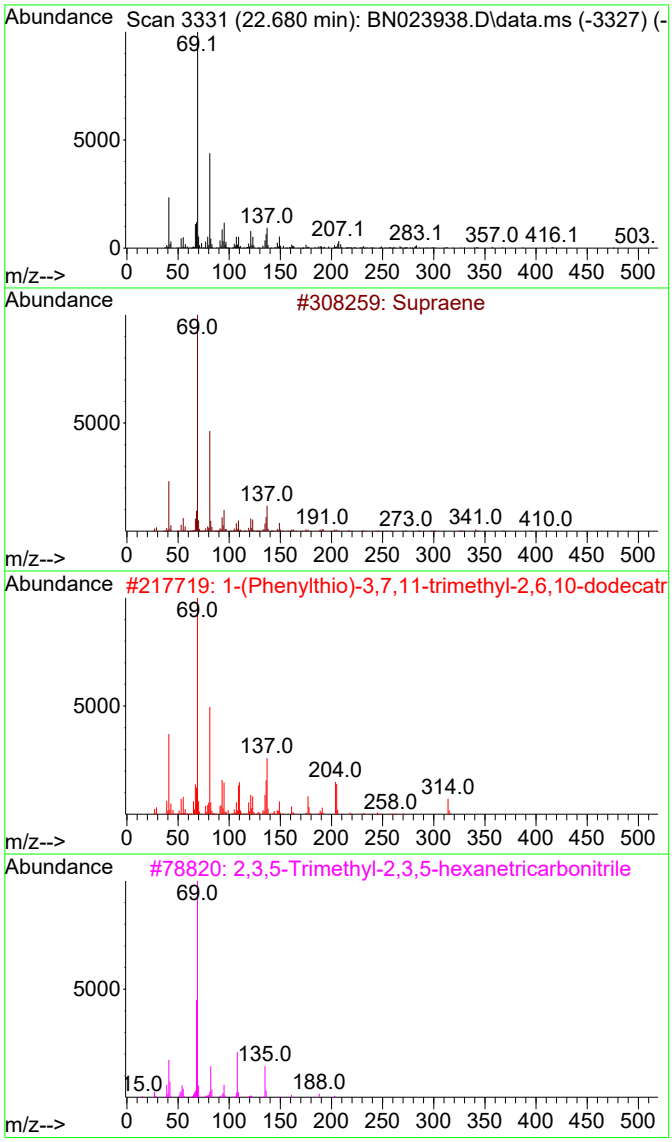
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

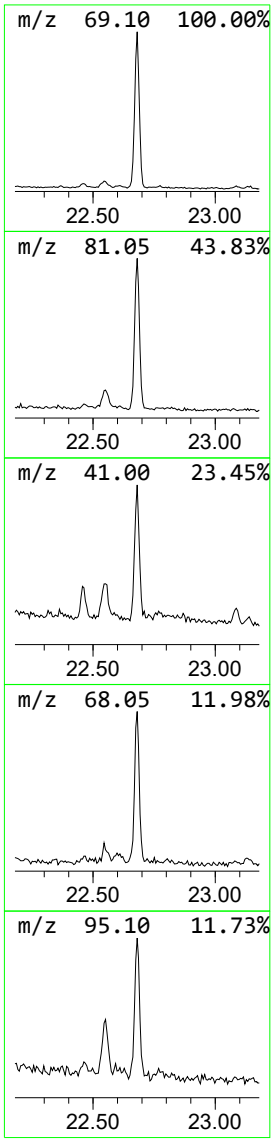
****

Peak Number 38 Supraene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.680	3.26 ng/ul	298317	Perylene-d12	23.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	1-(Phenylthio)-3,7,11-trimethyl-...	314	C21H30S	028413-57-2	78
3	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	64
4	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	64
5	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023938.D
Acq On : 03 Feb 2023 12:06
Operator : CG/JU
Sample : 01316-04
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ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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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
1,2-Ethanediol,...	4.793	2.7	ng/ul	152876	1	7.846	1118710	20.0
unknown-01	6.116	5.8	ng/ul	326716	1	7.846	1118710	20.0
Propanenitrile,...	7.928	5.4	ng/ul	303245	1	7.846	1118710	20.0
Benzeneethanol,...	8.216	2.2	ng/ul	120936	1	7.846	1118710	20.0
Diethyl carbitol	8.657	23.3	ng/ul	1301870	1	7.846	1118710	20.0
Benzenamine, 3-...	8.840	21.3	ng/ul	1191570	1	7.846	1118710	20.0
Hexanoic acid, ...	9.481	3.2	ng/ul	243009	2	10.657	1522070	20.0
Bicyclo[3.1.1]h...	9.922	3.1	ng/ul	234638	2	10.657	1522070	20.0
unknown-02	10.204	3.3	ng/ul	248531	2	10.657	1522070	20.0
unknown-03	10.716	3.4	ng/ul	258086	2	10.657	1522070	20.0
unknown-04	11.469	4.3	ng/ul	325365	2	10.657	1522070	20.0
2-Cyclohexen-1-...	11.646	2.8	ng/ul	211992	2	10.657	1522070	20.0
Phenol, p-tert-...	12.010	11.3	ng/ul	856058	2	10.657	1522070	20.0
1,3-Cyclohexane...	12.116	3.0	ng/ul	227748	2	10.657	1522070	20.0
Benzenamine, 3-...	12.163	6.0	ng/ul	456993	2	10.657	1522070	20.0
m-Toluidine, 4-...	12.269	4.3	ng/ul	323334	2	10.657	1522070	20.0
Benzoic acid, p...	14.328	7.1	ng/ul	762154	3	14.498	2144100	20.0
unknown-05	14.428	8.2	ng/ul	877461	3	14.498	2144100	20.0
Diethyltoluamide	15.245	4.2	ng/ul	445834	3	14.498	2144100	20.0
Diphenylamine	15.757	8.4	ng/ul	904660	3	14.498	2144100	20.0
Benzophenone	15.863	6.5	ng/ul	694490	3	14.498	2144100	20.0
Benzenesulfonam...	16.022	11.7	ng/ul	1390150	4	17.251	2377780	20.0
2(3H)-Benzothia...	16.198	7.4	ng/ul	882608	4	17.251	2377780	20.0
Benzenesulfonam...	16.528	8.8	ng/ul	1051200	4	17.251	2377780	20.0
Benzenesulfonam...	17.057	4.2	ng/ul	499084	4	17.251	2377780	20.0
n-Hexadecanoic ...	18.151	12.9	ng/ul	1537410	4	17.251	2377780	20.0
unknown-06	19.363	12.9	ng/ul	1298610	5	21.439	2013740	20.0
Octadecanoic acid	19.427	4.3	ng/ul	435396	5	21.439	2013740	20.0
Phenol, 4,4'-(1...	19.698	12.1	ng/ul	1216990	5	21.439	2013740	20.0
(DEL) Alkane: S...	21.145	13.7	ng/ul	1376110	5	21.439	2013740	20.0
Supraene	22.680	3.3	ng/ul	298317	6	23.827	1831650	20.0