LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071620\
Data File : BN011193.D
Acq On : 16 Jul 2020 17:10
Operator : CG/JU
Sample : L3295-01RX
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG098RX

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\SOM-EPA-BN071520MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.046	5	10	24	rBV	1110479	1608706	38.47%	2.989%
2	3.146	24	27	38	rVV	34739	50180	1.20%	0.093%
3	3.228	38	41	46	rVB5	10750	15011	0.36%	0.028%
4	3.305	52	54	59	rVB5	13853	16681	0.40%	0.031%
5	3.411	65	72	75	rBV5	16199	26233	0.63%	0.049%
6	3.611	102	106	115	rVB4	17947	32149	0.77%	0.060%
7	3.740	126	128	134	rVB4	10252	13487	0.32%	0.025%
8	3.793	134	137	139	rVV2	13433	15667	0.37%	0.029%
9	3.828	139	143	149	rVB2	20620	31616	0.76%	0.059%
10	3.899	152	155	160	rVB2	28718	36025	0.86%	0.067%
11	4.258	212	216	218	rBV	55112	69156	1.65%	0.129%
12	4.299	218	223	240	rVB	3004025	4181698	100.00%	7.771%
13	4.575	265	270	281	rVB	414325	608143	14.54%	1.130%
14	4.775	299	304	316	rVB	200142	299079	7.15%	0.556%
15	5.422	410	414	421	rVB2	38815	56984	1.36%	0.106%
16	5.593	435	443	452	rBV2	184424	376180	9.00%	0.699%
17	5.758	466	471	482	rBV4	27631	64504	1.54%	0.120%
18	5.934	495	501	510	rBV5	8793	22224	0.53%	0.041%
19	6.846	650	656	664	rBV	495935	790513	18.90%	1.469%
20	6.905	664	666	671	rVV3	17563	26238	0.63%	0.049%
21	7.028	681	687	698	rBV	492457	788620	18.86%	1.466%
22	7.205	713	717	721	rBV4	11389	16146	0.39%	0.030%
23	7.487	759	765	772	rBV	585344	912460	21.82%	1.696%
24	7.546	772	775	783	rVB2	19139	30947	0.74%	0.058%
25	8.199	880	886	894	rBV	123914	203492	4.87%	0.378%
26	8.334	903	909	923	rBV	366541	594301	14.21%	1.104%
27	8.622	948	958	968	rBV	761322	1265386	30.26%	2.351%
28	8.740	972	978	985	rVB	89481	138480	3.31%	0.257%
29	9.340	1073	1080	1088	rBV	551849	908080	21.72%	1.688%
30	9.869	1164	1170	1182	rBV	865406	1410497	33.73%	2.621%
31	10.028	1188	1197	1210	rVV	898983	1498158	35.83%	2.784%
32	10.146	1212	1217	1224	rVB	16592	30334	0.73%	0.056%
33	10.234	1224	1232	1241	rBV	799261	1321477	31.60%	2.456%
34	10.769	1318	1323	1329	rBV5	10977	19045	0.46%	0.035%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071620\
Data File : BN011193.D
Acq On : 16 Jul 2020 17:10
Operator : CG/JU
Sample : L3295-01RX
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG098RX

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\SOM-EPA-BN071520MA.M
Title : SVOA CALIBRATION

35	11.275	1401	1409	1421	rVV	95859	166216	3.97%	0.309%
36	11.475	1437	1443	1456	rBV	444535	796052	19.04%	1.479%
37	11.704	1476	1482	1491	rVB	64789	104017	2.49%	0.193%
38	12.498	1610	1617	1625	rBV3	106167	195737	4.68%	0.364%
39	12.734	1652	1657	1661	rBV3	9737	15332	0.37%	0.028%
40	12.787	1661	1666	1671	rVB3	10544	17033	0.41%	0.032%
41	12.904	1680	1686	1691	rBV3	30059	43843	1.05%	0.081%
42	13.092	1714	1718	1723	rVB3	15288	21760	0.52%	0.040%
43	13.298	1745	1753	1761	rBV2	19547	40823	0.98%	0.076%
44	13.381	1764	1767	1773	rVV5	13704	22270	0.53%	0.041%
45	13.492	1780	1786	1789	rBV3	19480	32472	0.78%	0.060%
46	13.540	1789	1794	1799	rVV	2104593	2840600	67.93%	5.279%
47	13.587	1799	1802	1805	rVV	110914	166321	3.98%	0.309%
48	13.622	1805	1808	1816	rVB	125693	176921	4.23%	0.329%
49	13.804	1834	1839	1849	rVB	63280	99604	2.38%	0.185%
50	14.122	1886	1893	1901	rBV	1551587	2338274	55.92%	4.345%
51	14.345	1925	1931	1943	rBV	109988	209764	5.02%	0.390%
52	14.469	1947	1952	1956	rBV6	16790	27002	0.65%	0.050%
53	14.681	1982	1988	1993	rVB	141769	195131	4.67%	0.363%
54	14.775	1999	2004	2015	rVB3	21669	44989	1.08%	0.084%
55	15.122	2057	2063	2070	rBV	2793023	3764444	90.02%	6.996%
56	15.251	2079	2085	2097	rVV	869499	1179652	28.21%	2.192%
57	15.604	2140	2145	2151	rVV2	85467	118559	2.84%	0.220%
58	15.810	2173	2180	2190	rBV2	284840	452969	10.83%	0.842%
59	15.904	2194	2196	2202	rVB4	9753	14957	0.36%	0.028%
60	16.533	2298	2303	2309	rVB	122083	157452	3.77%	0.293%
61	16.657	2319	2324	2332	rVB6	13596	24615	0.59%	0.046%
62	16.875	2354	2361	2370	rBV	1704720	2296911	54.93%	4.268%
63	16.969	2372	2377	2387	rBV	504069	746037	17.84%	1.386%
64	17.063	2387	2393	2397	rBV2	110699	177996	4.26%	0.331%
65	17.116	2397	2402	2413	rVV	501127	764809	18.29%	1.421%
66	17.275	2425	2429	2437	rVB	159028	219429	5.25%	0.408%
67	17.357	2439	2443	2447	rVB4	11051	14670	0.35%	0.027%
68	17.692	2494	2500	2504	rBV	123491	165878	3.97%	0.308%
69	17.822	2513	2522	2529	rBV2	710480	1419691	33.95%	2.638%
70	18.104	2564	2570	2579	rBV2	142809	247606	5.92%	0.460%
71	18.263	2591	2597	2603	rVV3	66790	116190	2.78%	0.216%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071620\
Data File : BN011193.D
Acq On : 16 Jul 2020 17:10
Operator : CG/JU
Sample : L3295-01RX
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG098RX

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\SOM-EPA-BN071520MA.M
Title : SVOA CALIBRATION

72	18.422	2618	2624	2629	rBV6	21737	38522	0.92%	0.072%
73	18.692	2665	2670	2673	rBV6	15828	23307	0.56%	0.043%
74	18.745	2673	2679	2683	rVB9	14150	30330	0.73%	0.056%
75	18.910	2703	2707	2713	rBV2	76625	119635	2.86%	0.222%
76	19.098	2736	2739	2742	rBV3	35398	47208	1.13%	0.088%
77	19.169	2748	2751	2753	rVB3	13469	15862	0.38%	0.029%
78	19.280	2760	2770	2777	rBV	1067534	1454975	34.79%	2.704%
79	19.339	2777	2780	2783	rVV4	19730	30781	0.74%	0.057%
80	19.369	2783	2785	2789	rVB5	26899	30626	0.73%	0.057%
81	19.533	2809	2813	2815	rBV5	10943	16706	0.40%	0.031%
82	19.874	2868	2871	2876	rBV5	32359	39737	0.95%	0.074%
83	20.333	2946	2949	2952	rBV4	20341	26995	0.65%	0.050%
84	20.374	2954	2956	2961	rVB3	64333	70998	1.70%	0.132%
85	20.474	2970	2973	2974	rBV3	32780	36655	0.88%	0.068%
86	20.504	2974	2978	2985	rVB2	305566	417216	9.98%	0.775%
87	20.845	3033	3036	3040	rBV	119212	134658	3.22%	0.250%
88	21.092	3072	3078	3081	rBV	2538227	3211685	76.80%	5.968%
89	21.121	3081	3083	3091	rVB2	1735053	2110753	50.48%	3.922%
90	21.286	3108	3111	3115	rVB2	146294	153019	3.66%	0.284%
91	21.710	3180	3183	3186	rBV2	167583	163746	3.92%	0.304%
92	21.951	3221	3224	3230	rVB2	141747	161830	3.87%	0.301%
93	22.151	3254	3258	3269	rBV4	296313	523478	12.52%	0.973%
94	22.633	3336	3340	3344	rBV2	242039	327377	7.83%	0.608%
95	22.833	3370	3374	3377	rBV2	216071	380694	9.10%	0.707%
96	23.086	3412	3417	3425	rVB	951329	1586232	37.93%	2.948%
97	23.163	3427	3430	3434	rVV	210636	297507	7.11%	0.553%
98	23.227	3434	3441	3453	rVB2	1737143	3048165	72.89%	5.664%
99	23.762	3529	3532	3540	rVB4	172611	285200	6.82%	0.530%
100	24.698	3685	3691	3702	rVB	937744	2114059	50.56%	3.929%

Sum of corrected areas: 53811879

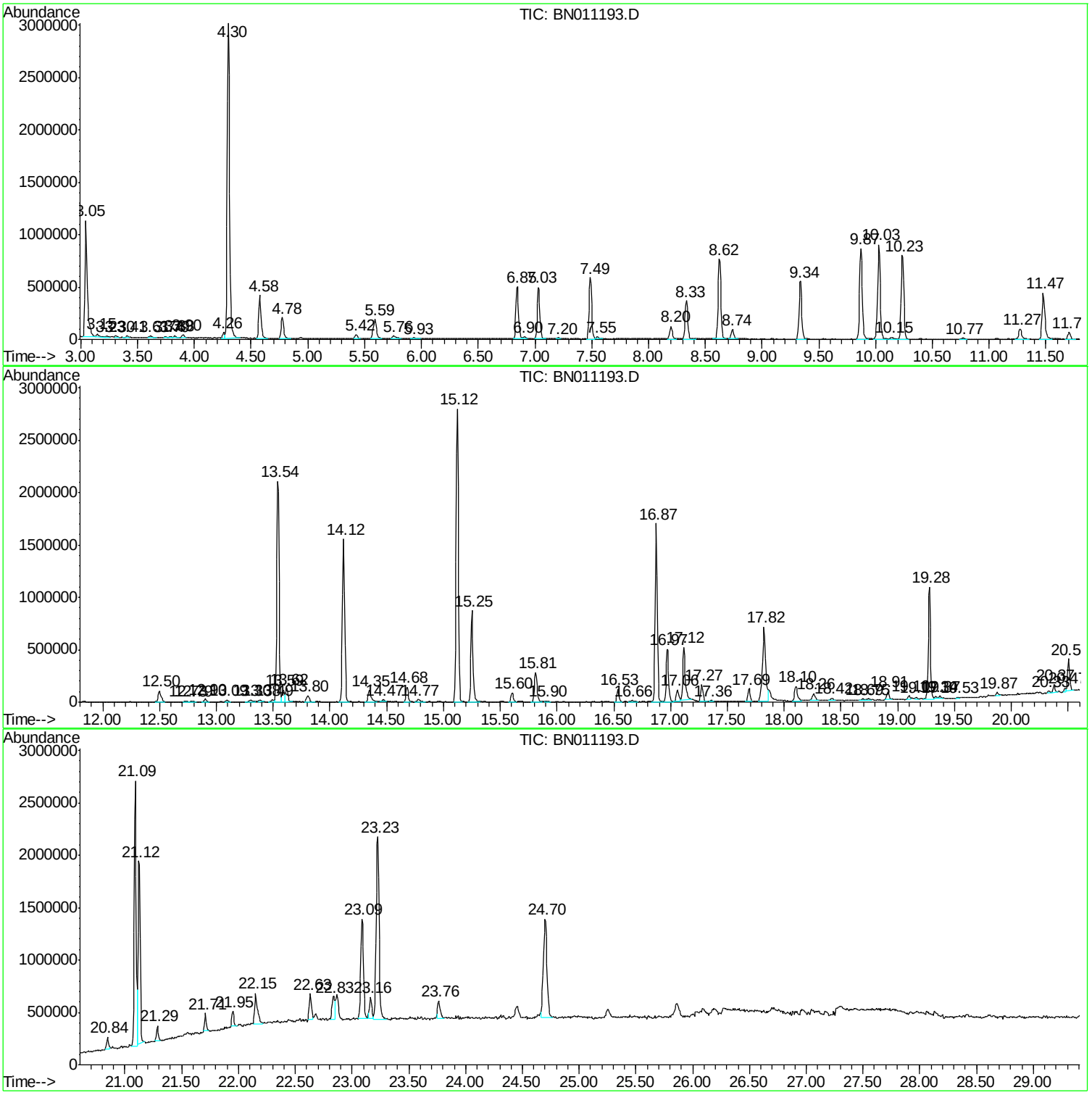
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071620\
Data File : BN011193.D
Acq On : 16 Jul 2020 17:10
Operator : CG/JU
Sample : L3295-01RX
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG098RX

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071620\
Data File : BN011193.D
Acq On : 16 Jul 2020 17:10
Operator : CG/JU
Sample : L3295-01RX
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG098RX

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

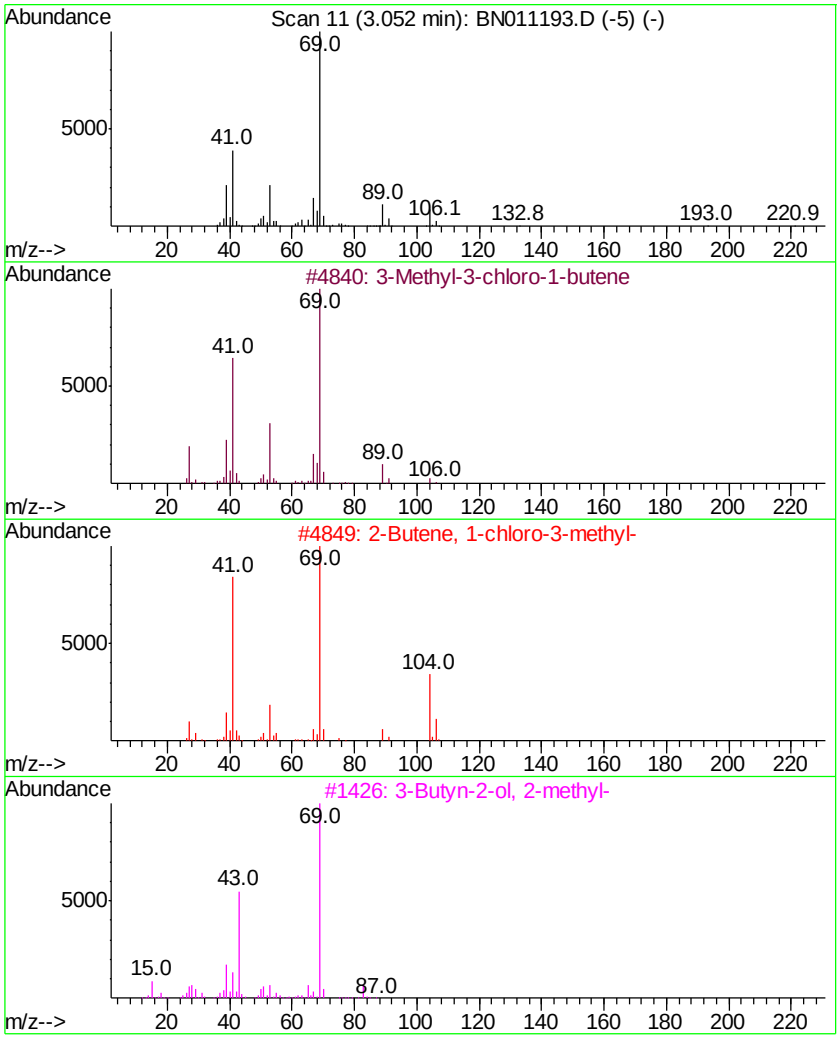
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

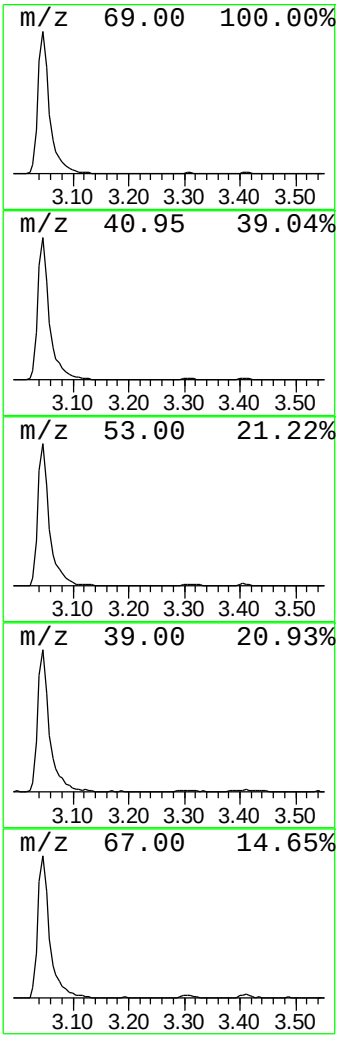
****

Peak Number 1 3-Methyl-3-chloro-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	35.26 ng/ul	1608710	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-3-chloro-1-butene	104	C5H9Cl	002190-48-9	78
2	2-Butene, 1-chloro-3-methyl-	104	C5H9Cl	000503-60-6	64
3	3-Butyn-2-ol, 2-methyl-	84	C5H8O	000115-19-5	50
4	Cyclopentane, bromo-	148	C5H9Br	000137-43-9	42
5	3-Butyn-2-ol, 2-methyl-	84	C5H8O	000115-19-5	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071620\
Data File : BN011193.D
Acq On : 16 Jul 2020 17:10
Operator : CG/JU
Sample : L3295-01RX
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG098RX

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

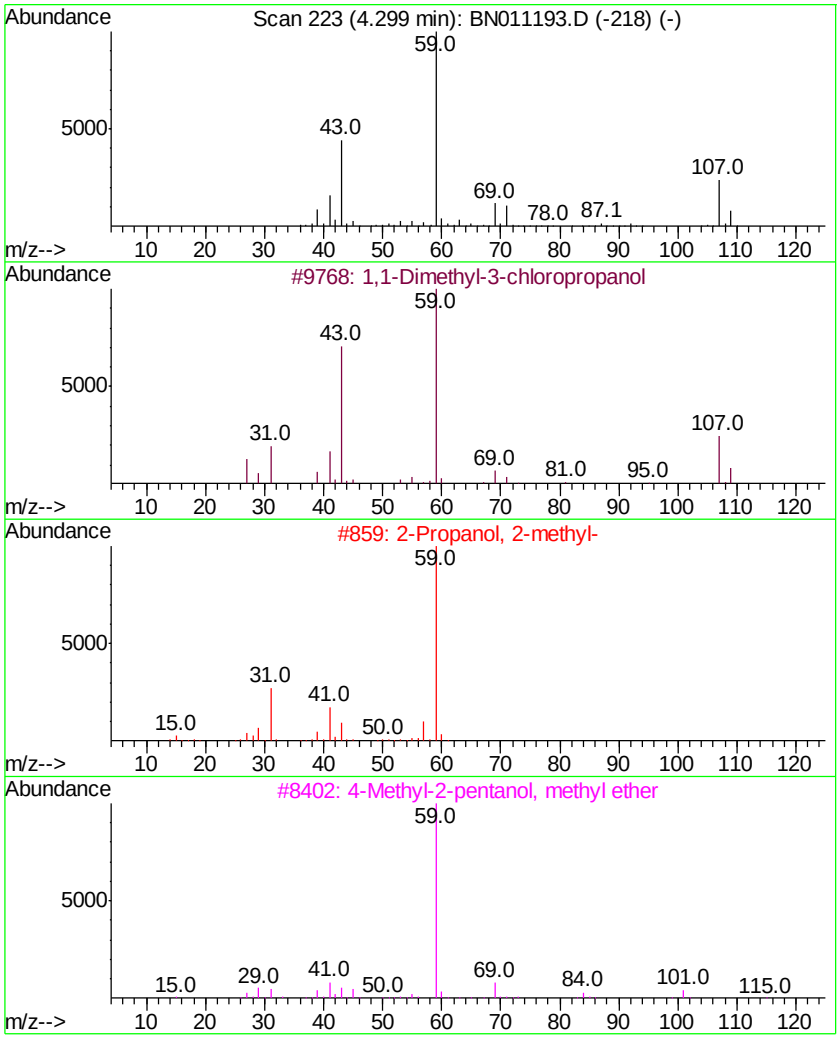
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

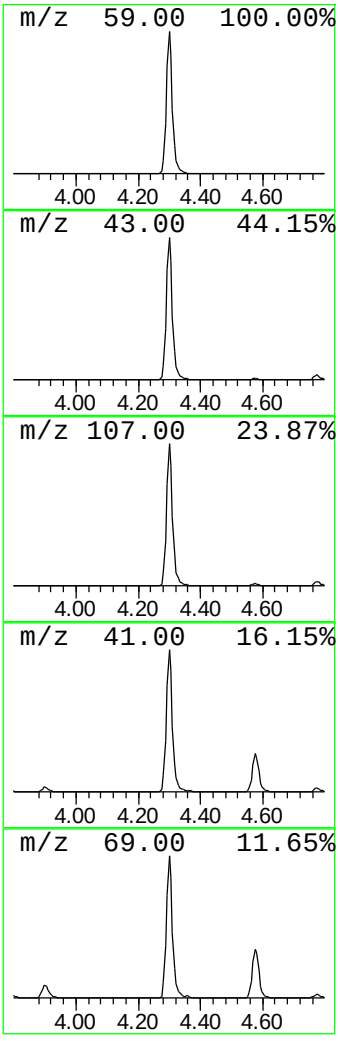
****

Peak Number 2 1,1-Dimethyl-3-chloropropanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.30	91.66 ng/ul	4181700	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Dimethyl-3-chloropropanol	122	C5H11ClO	001985-88-2	78
2	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	38
3	4-Methyl-2-pentanol, methyl ether	116	C7H16O	1000333-93-5	33
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	28
5	4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	28





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071620\
Data File : BN011193.D
Acq On : 16 Jul 2020 17:10
Operator : CG/JU
Sample : L3295-01RX
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG098RX

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

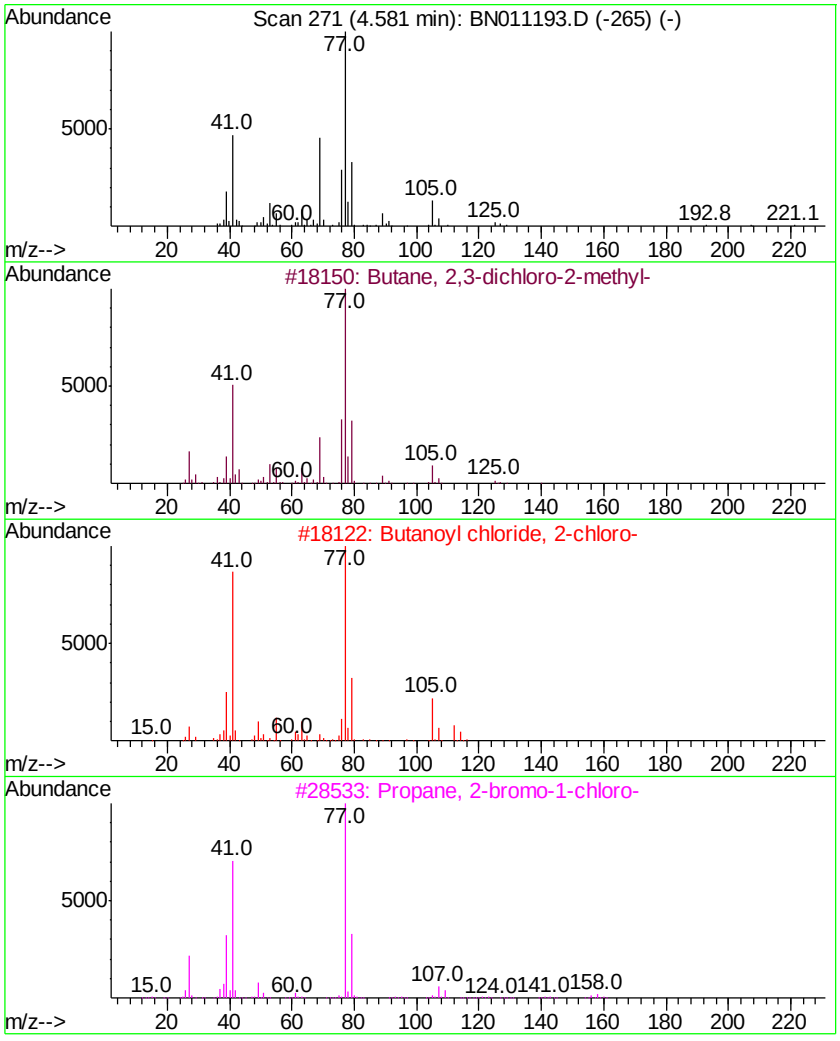
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

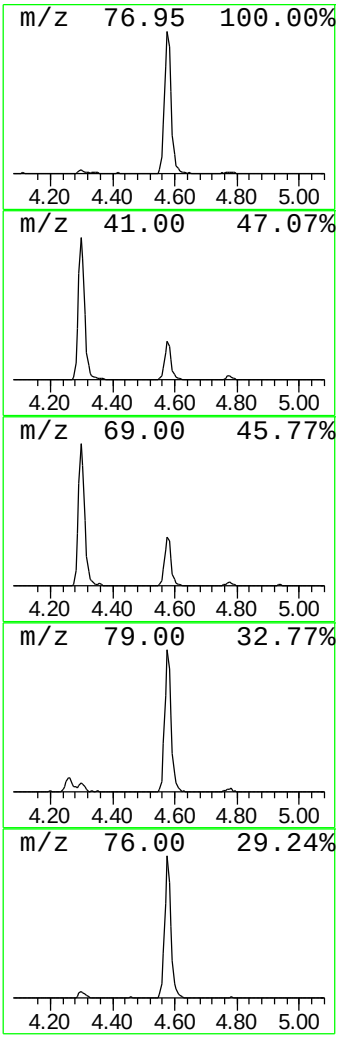
****

Peak Number 3 Butane, 2,3-dichloro-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.58	13.33 ng/ul	608143	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dichloro-2-methyl-	140	C5H10Cl2	000507-45-9	78
2	Butanoyl chloride, 2-chloro-	140	C4H6Cl2O	007623-11-2	53
3	Propane, 2-bromo-1-chloro-	156	C3H6BrCl	003017-95-6	47
4	Propane, 1,1,2-trichloro-2-methyl-	160	C4H7Cl3	029559-52-2	36
5	Propane, 1,1-dichloro-	112	C3H6Cl2	000078-99-9	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071620\
Data File : BN011193.D
Acq On : 16 Jul 2020 17:10
Operator : CG/JU
Sample : L3295-01RX
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG098RX

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

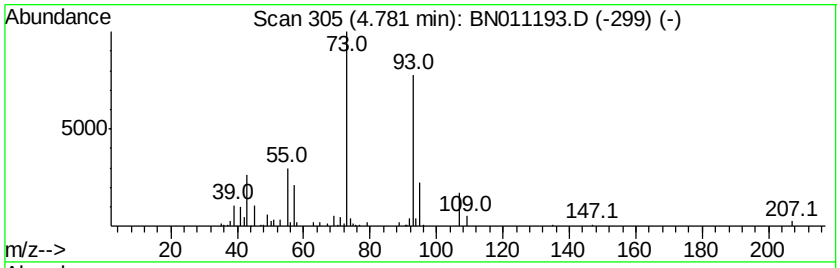
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

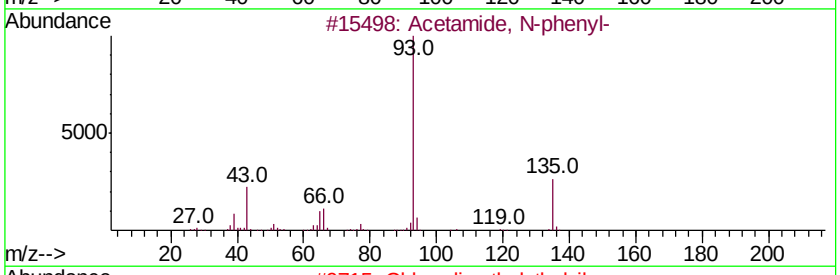
****

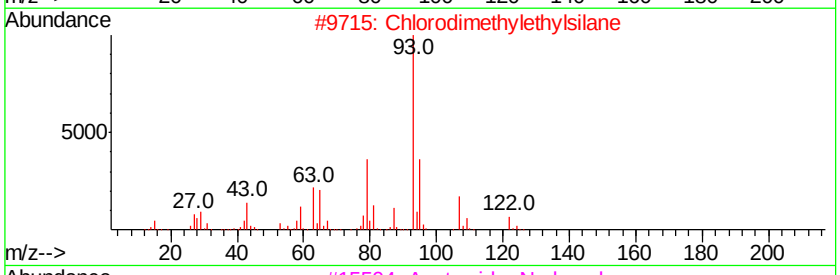
Peak Number 4 unknown-01 Concentration Rank 11

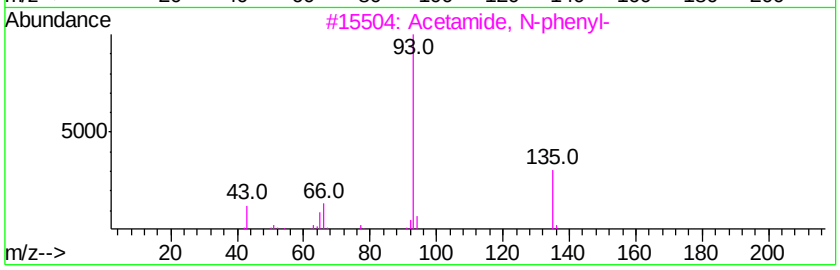
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	6.56 ng/ul	299079	1,4-Dichlorobenzene-d4	7.49

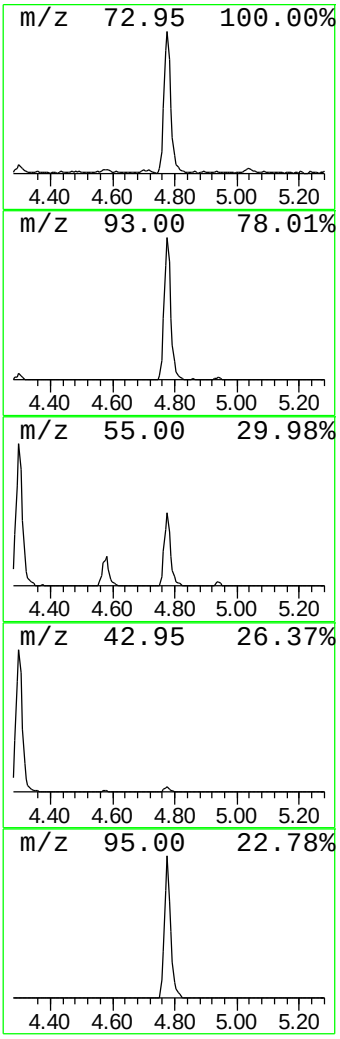
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-phenyl-	135	C8H9NO	000103-84-4	37
2	Chlorodimethylethylsilane	122	C4H11ClSi	006917-76-6	36
3	Acetamide, N-phenyl-	135	C8H9NO	000103-84-4	25
4	Pyridine, 3-(2-methylpropyl)-	135	C9H13N	014159-61-6	23
5	Chlorodimethylethylsilane	122	C4H11ClSi	006917-76-6	9











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071620\
Data File : BN011193.D
Acq On : 16 Jul 2020 17:10
Operator : CG/JU
Sample : L3295-01RX
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG098RX

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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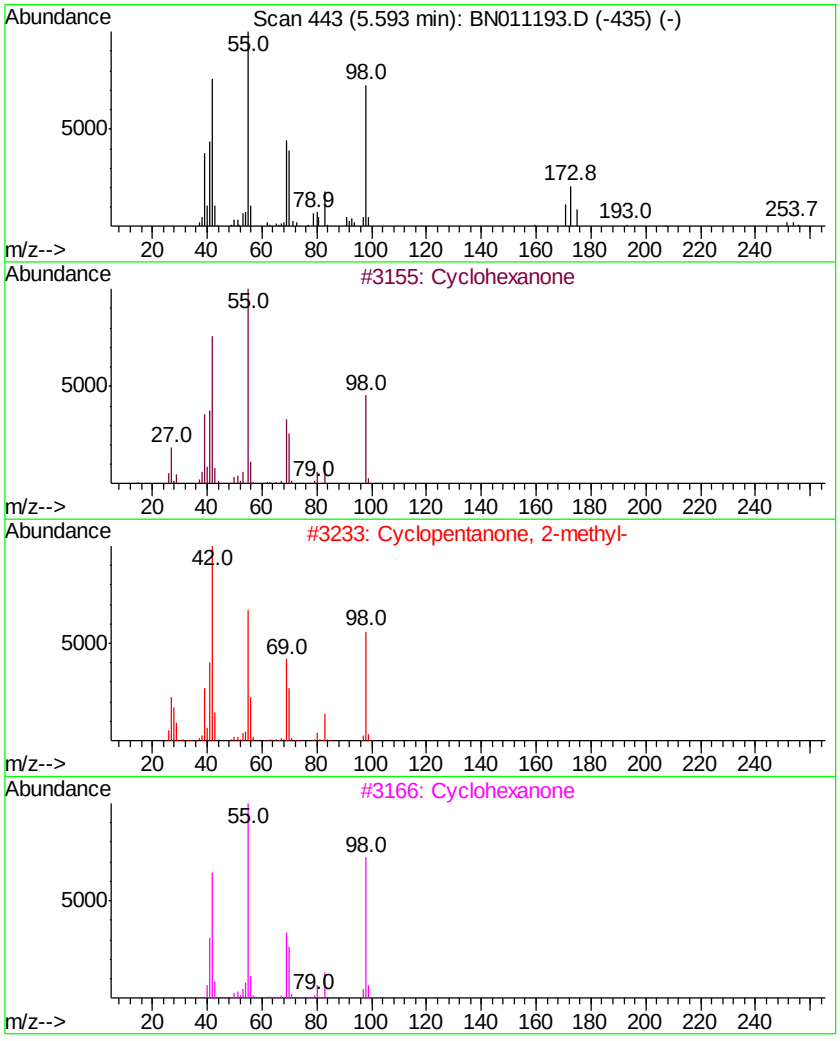
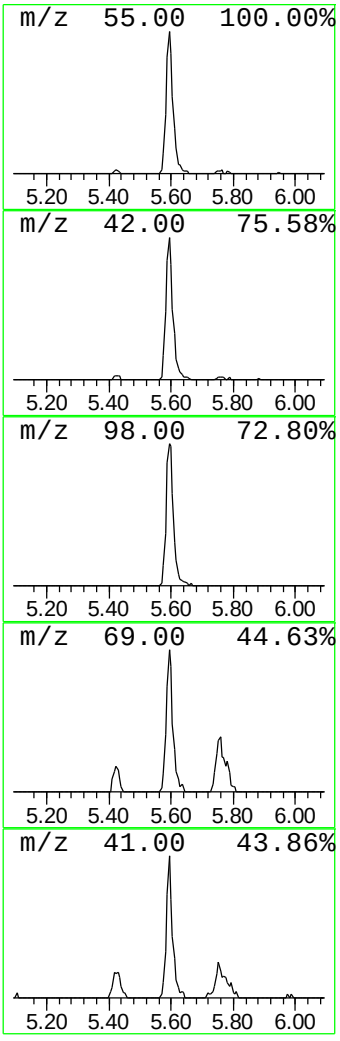
Peak Number 5 Cyclohexanone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	8.25 ng/ul	376180	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone	98	C6H10O	000108-94-1	90
2	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	76
3	Cyclohexanone	98	C6H10O	000108-94-1	70
4	Cyclohexanone	98	C6H10O	000108-94-1	64
5	Cyclohexanone	98	C6H10O	000108-94-1	58





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Acq On : 16 Jul 2020 17:10
Operator : CG/JU
Sample : L3295-01RX
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG098RX

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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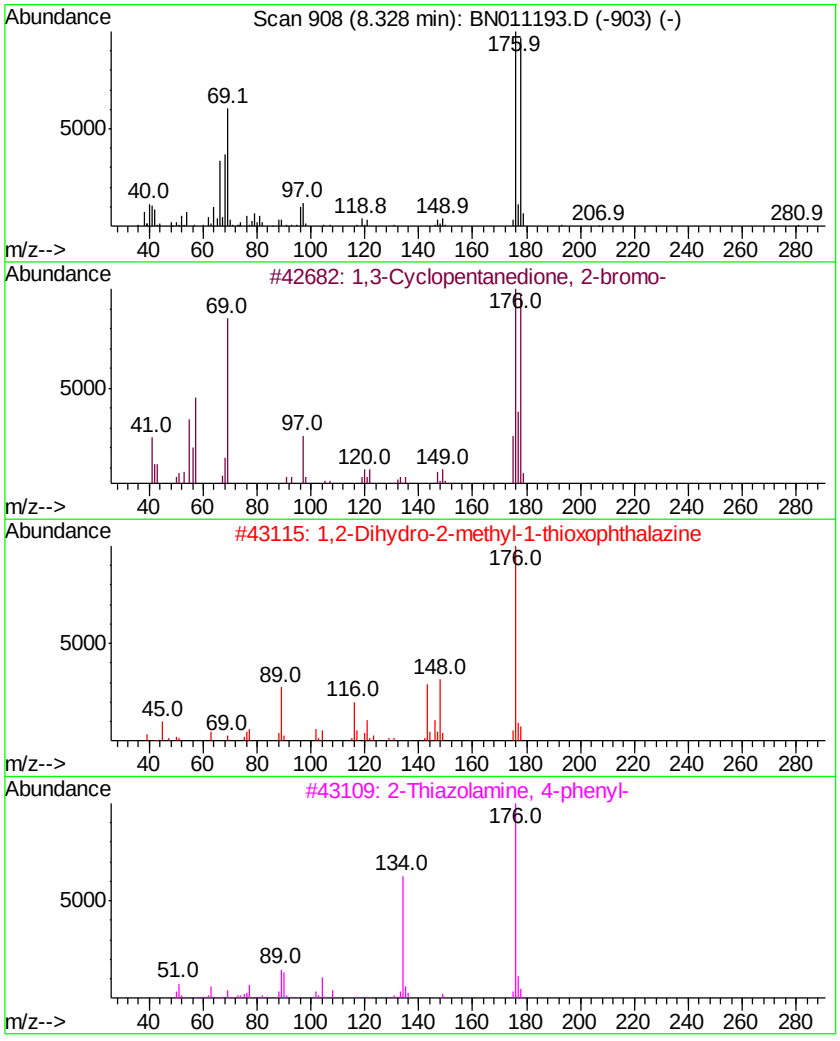
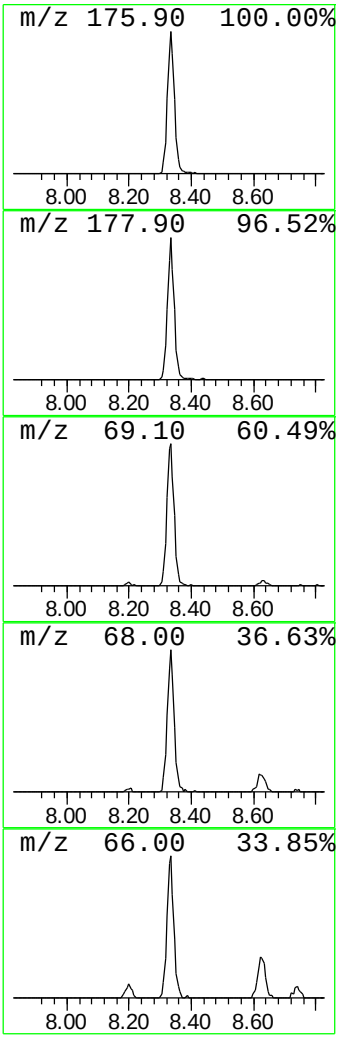
Peak Number 6 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	13.03 ng/ul	594301	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-bromo-	176	C5H5BrO2	014203-24-8	37
2	1,2-Dihydro-2-methyl-1-thioxopht...	176	C9H8N2S	020988-87-8	14
3	2-Thiazolamine, 4-phenyl-	176	C9H8N2S	002010-06-2	14
4	Benz[a]azulene	178	C14H10	000246-02-6	14
5	6-Nitro-2-methylindole	176	C9H8N2O2	003484-23-9	10





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Misc :
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Instrument : BNA_N
ClientSampleId : BG098RX

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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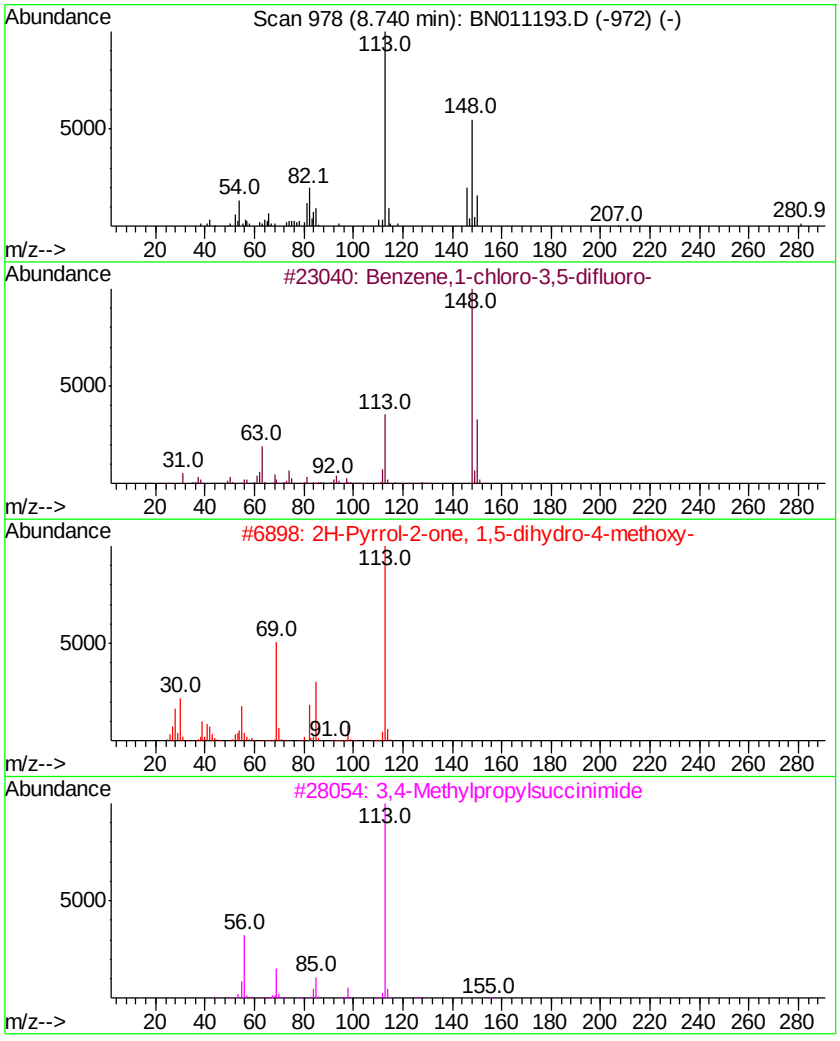
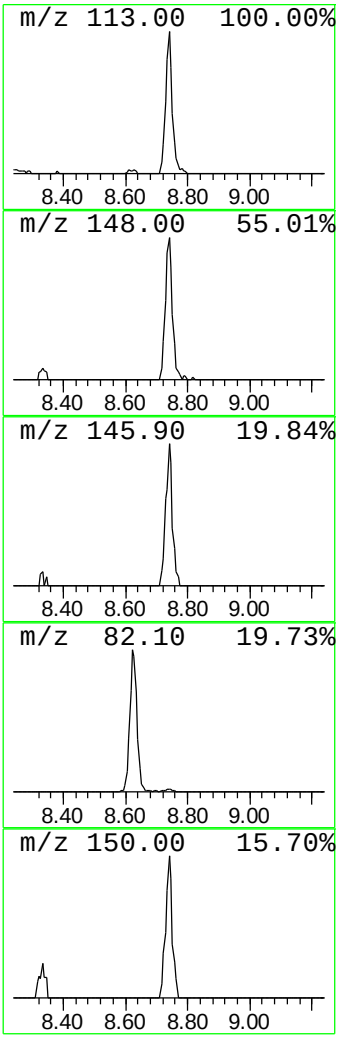
Peak Number 7 Benzene,1-chloro-3,5-difluoro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	3.04 ng/ul	138480	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,1-chloro-3,5-difluoro-	148	C6H3ClF2	001435-43-4	53
2	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	43
3	3,4-Methylpropylsuccinimide	155	C8H13NO2	1000248-78-0	25
4	Imidazolidin-4-one, 2-t-butyl-3,...	170	C9H18N2O	1000185-71-4	23
5	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	23





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Misc :
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ClientSampleId : BG098RX

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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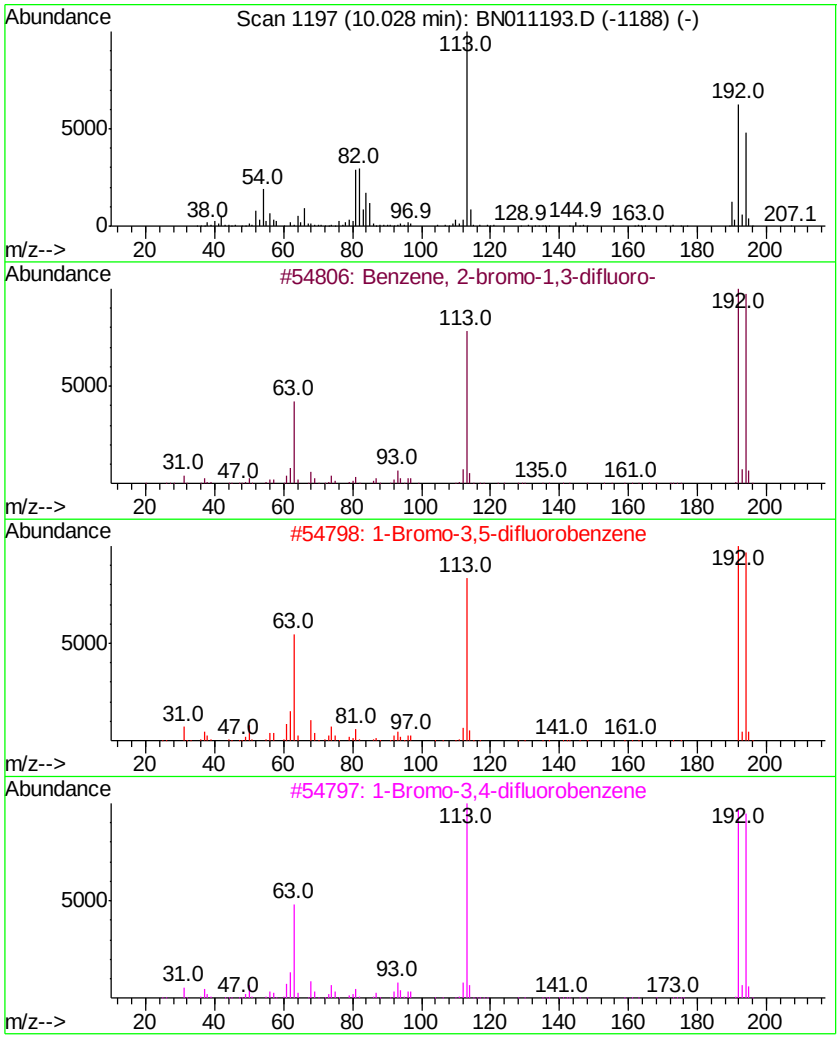
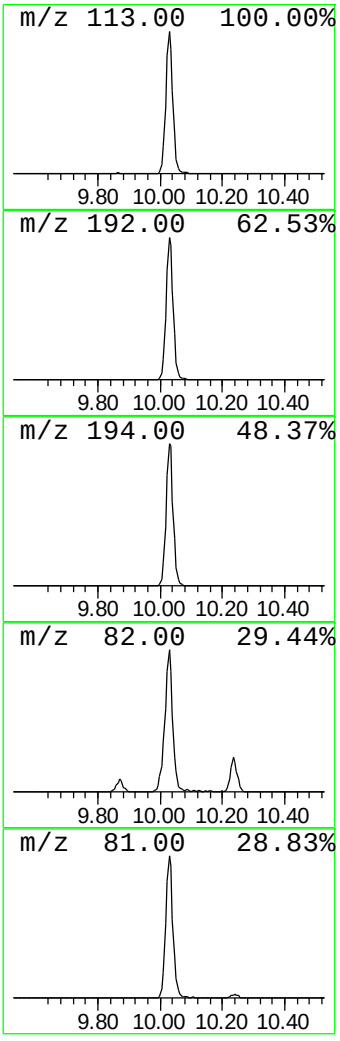
Peak Number 8 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	22.67 ng/ul	1498160	Naphthalene-d8	10.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-bromo-1,3-difluoro-	192	C6H3BrF2	064248-56-2	42
2	1-Bromo-3,5-difluorobenzene	192	C6H3BrF2	000461-96-1	42
3	1-Bromo-3,4-difluorobenzene	192	C6H3BrF2	000348-61-8	37
4	Benzene, 1-bromo-2,4-difluoro-	192	C6H3BrF2	000348-57-2	25
5	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	16





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ClientSampleId : BG098RX

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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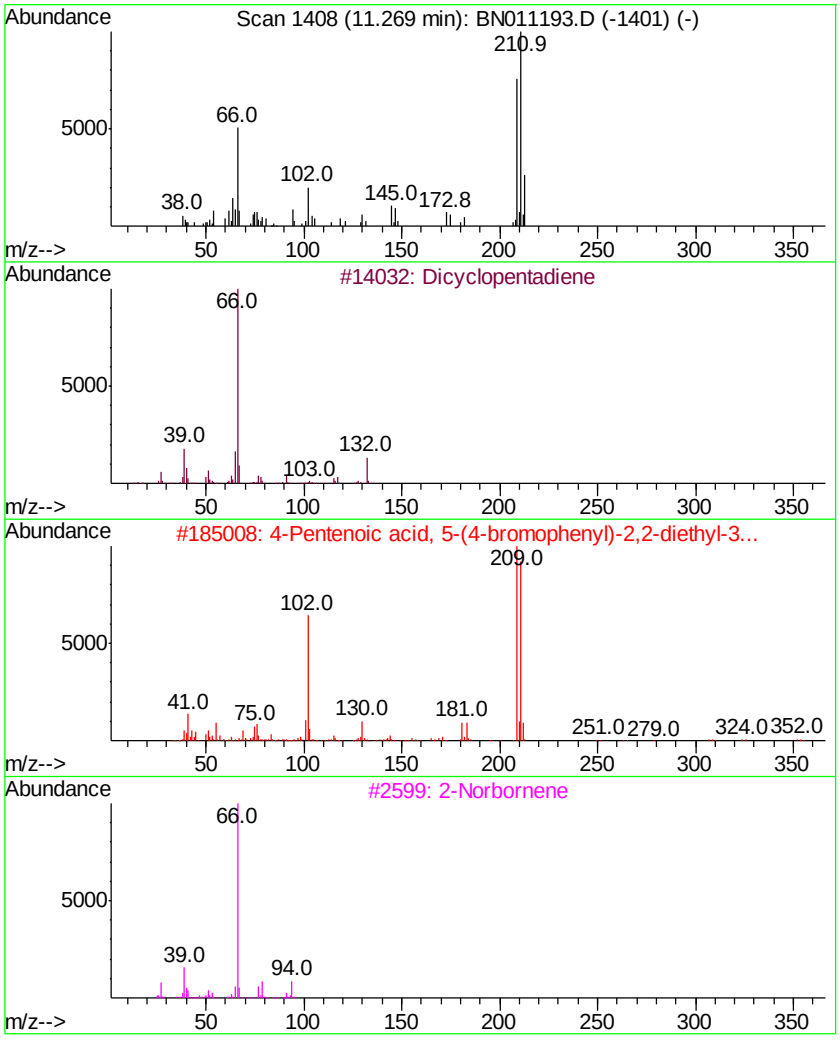
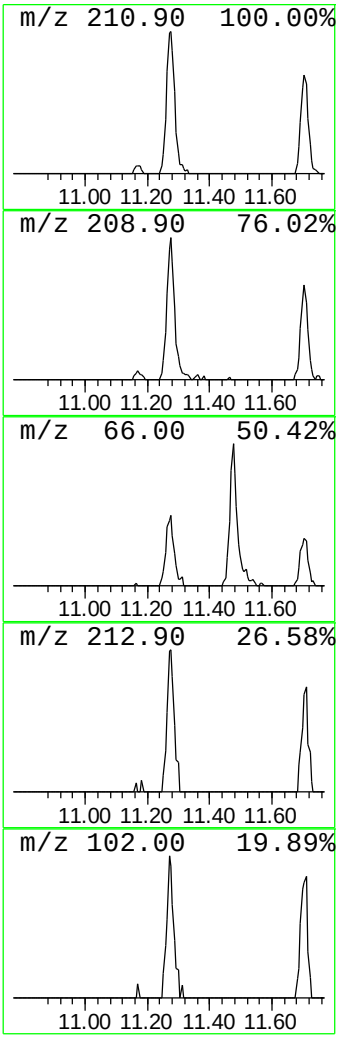
Peak Number 9 unknown-04 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	2.52 ng/ul	166216	Naphthalene-d8	10.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dicyclopentadiene	132	C10H12	000077-73-6	27
2	4-Pentenoic acid, 5-(4-bromophen...	352	C17H21BrO3	302941-31-7	25
3	2-Norbornene	94	C7H10	000498-66-8	16
4	2-Norbornene	94	C7H10	000498-66-8	16
5	Pentanedinitrile, 2-methylene-	106	C6H6N2	001572-52-7	16





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Operator : CG/JU
Sample : L3295-01RX
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG098RX

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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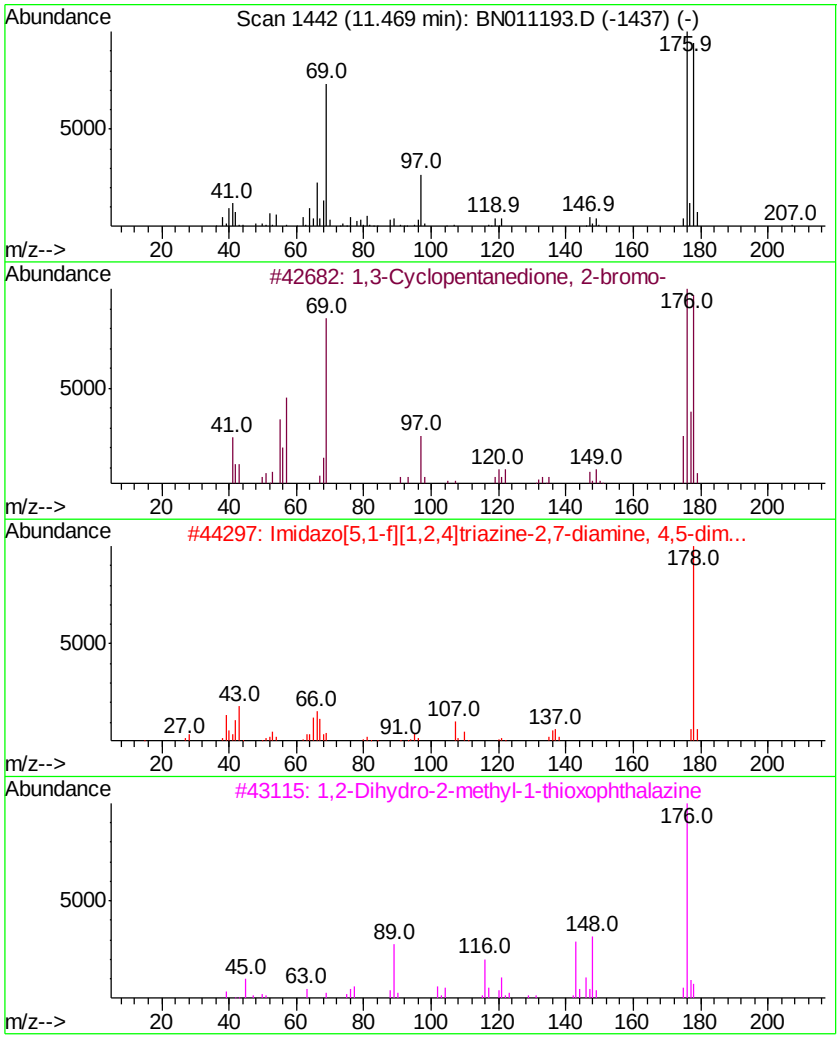
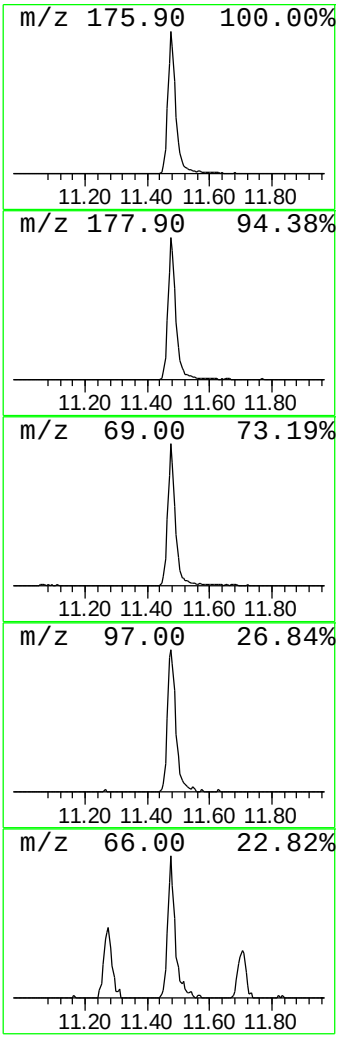
Peak Number 10 unknown-05 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	12.05 ng/ul	796052	Naphthalene-d8	10.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-bromo-	176	C5H5BrO2	014203-24-8	49
2	Imidazo[5,1-f][1,2,4]triazine-2,...	178	C7H10N6	050473-86-4	28
3	1,2-Dihydro-2-methyl-1-thioxopht...	176	C9H8N2S	020988-87-8	22
4	2,4(1H,3H)-Quinazolinedione, 3-m...	176	C9H8N2O2	000607-19-2	18
5	Phenanthrene	178	C14H10	000085-01-8	14





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Instrument : BNA_N
ClientSampleId : BG098RX

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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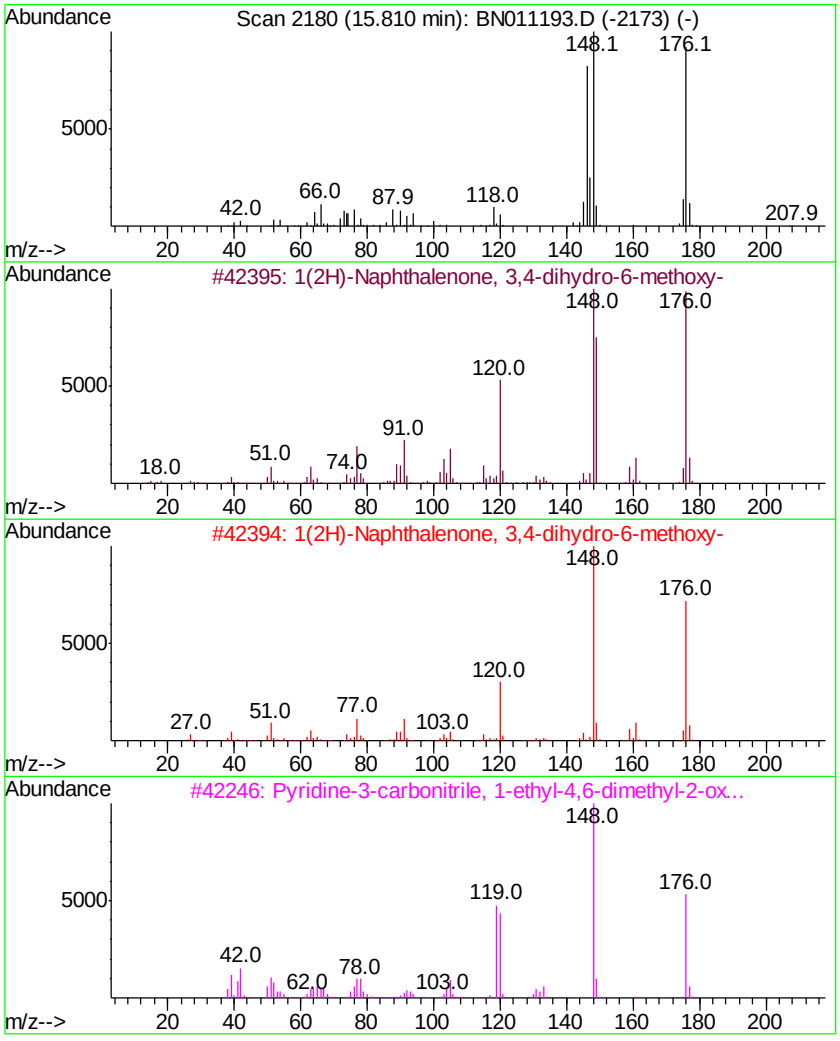
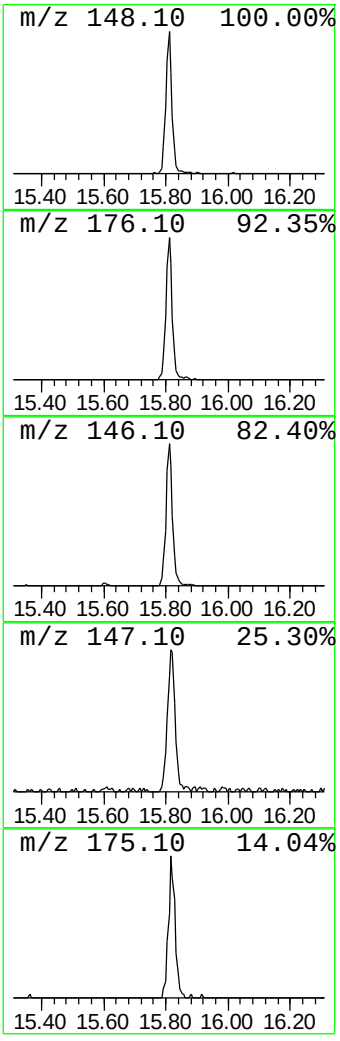
Peak Number 11 unknown-06 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	3.94 ng/ul	452969	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	176	C11H12O2	001078-19-9	47
2	1(2H)-Naphthalenone, 3,4-dihydro...	176	C11H12O2	001078-19-9	47
3	Pyridine-3-carbonitrile, 1-ethyl...	176	C10H12N2O	1000316-81-3	37
4	2-Propenal, 3-(1,3-benzodioxol-5...	176	C10H8O3	014756-00-4	35
5	Trifluoromethylbenzene, 3,4-diam...	176	C7H7F3N2	000368-71-8	22





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Misc :
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Instrument : BNA_N
ClientSampleId : BG098RX

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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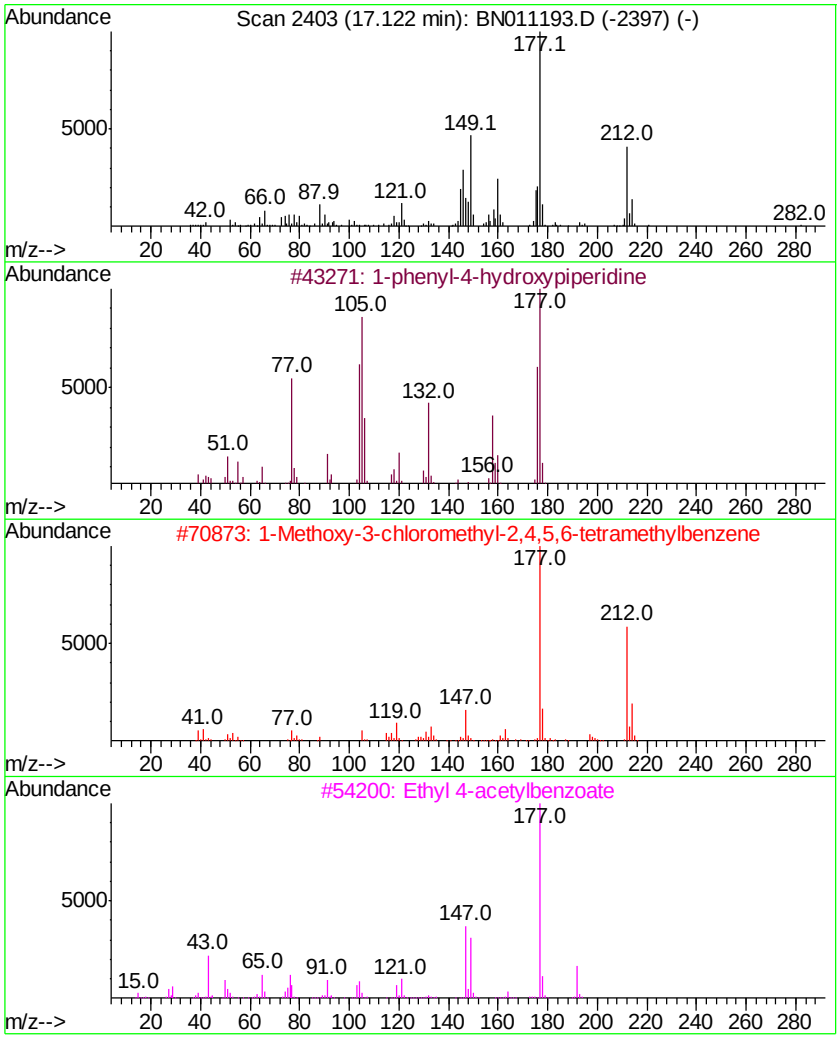
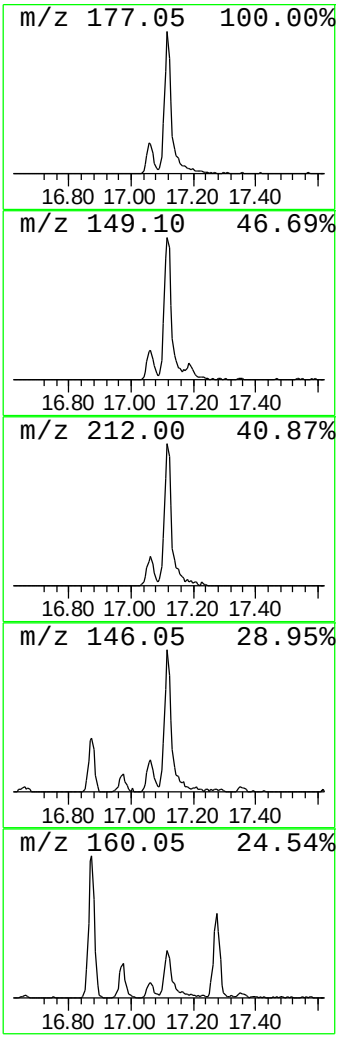
Peak Number 12 unknown-07 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	6.66 ng/ul	764809	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-phenyl-4-hydroxypiperidine	177	C11H15NO	1000380-04-6	46
2	1-Methoxy-3-chloromethyl-2,4,5,6...	212	C12H17ClO	073942-80-0	38
3	Ethyl 4-acetylbenzoate	192	C11H12O3	038430-55-6	37
4	8H-[1,2,3]Triazolo[4',5':3,4]ben...	177	C6H3N5S	1000306-38-7	37
5	Ethyl 4-acetylbenzoate	192	C11H12O3	038430-55-6	37





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ClientSampleId : BG098RX

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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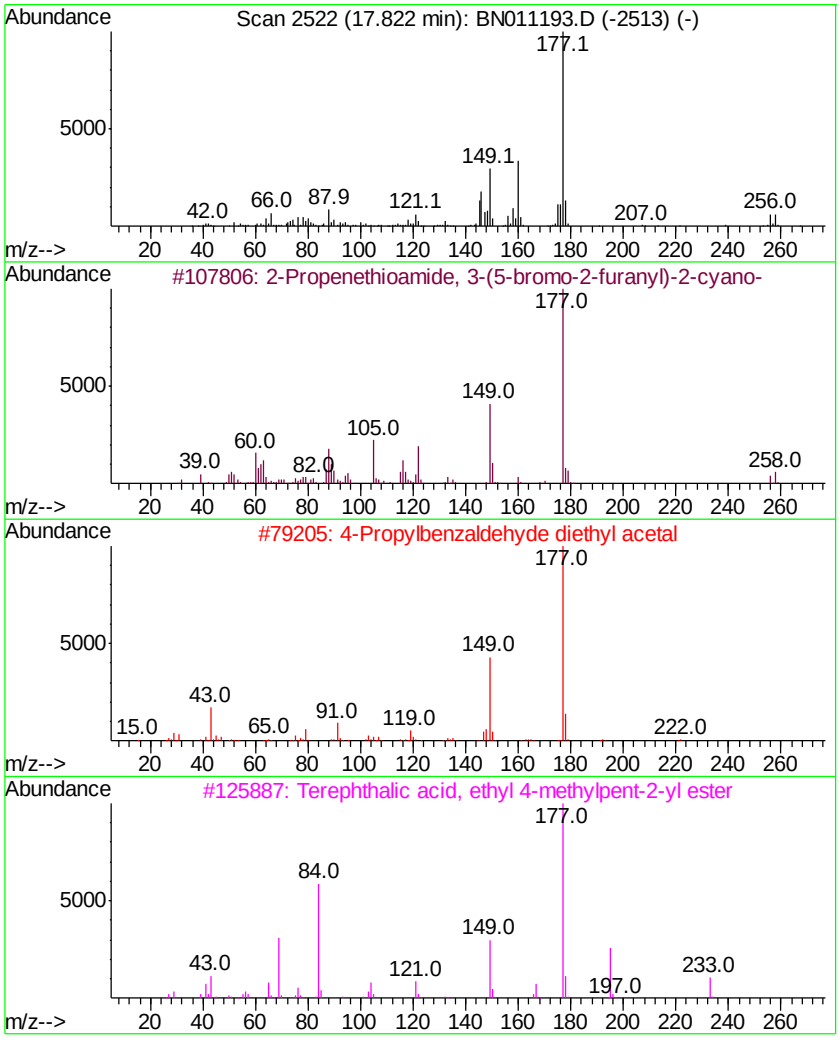
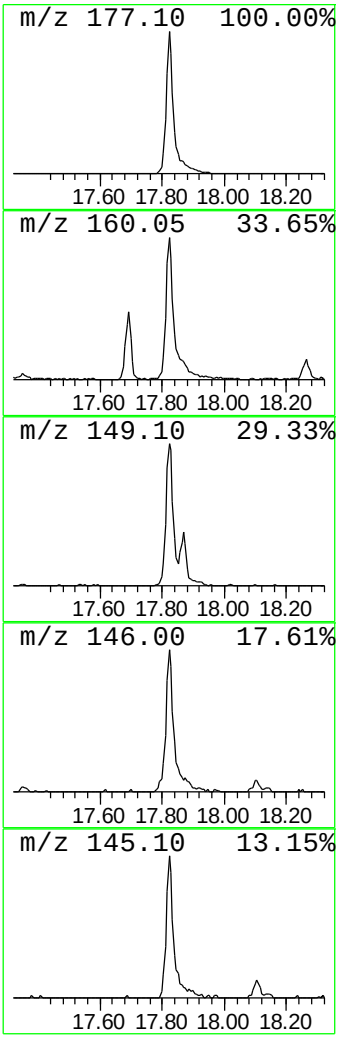
Peak Number 13 2-Propenethioamide, 3-(5-br... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	12.36 ng/ul	1419690	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenethioamide, 3-(5-bromo-2...	256	C8H5BrN2OS	1000319-19-5	50
2	4-Propylbenzaldehyde diethyl acetal	222	C14H22O2	089557-35-7	47
3	Terephthalic acid, ethyl 4-methy...	278	C16H22O4	1000356-25-4	47
4	8H-[1,2,3]Triazolo[4',5':3,4]ben...	177	C6H3N5S	1000306-38-7	47
5	Isophthalic acid, ethyl 2-methyl...	248	C14H16O4	1000343-94-4	47





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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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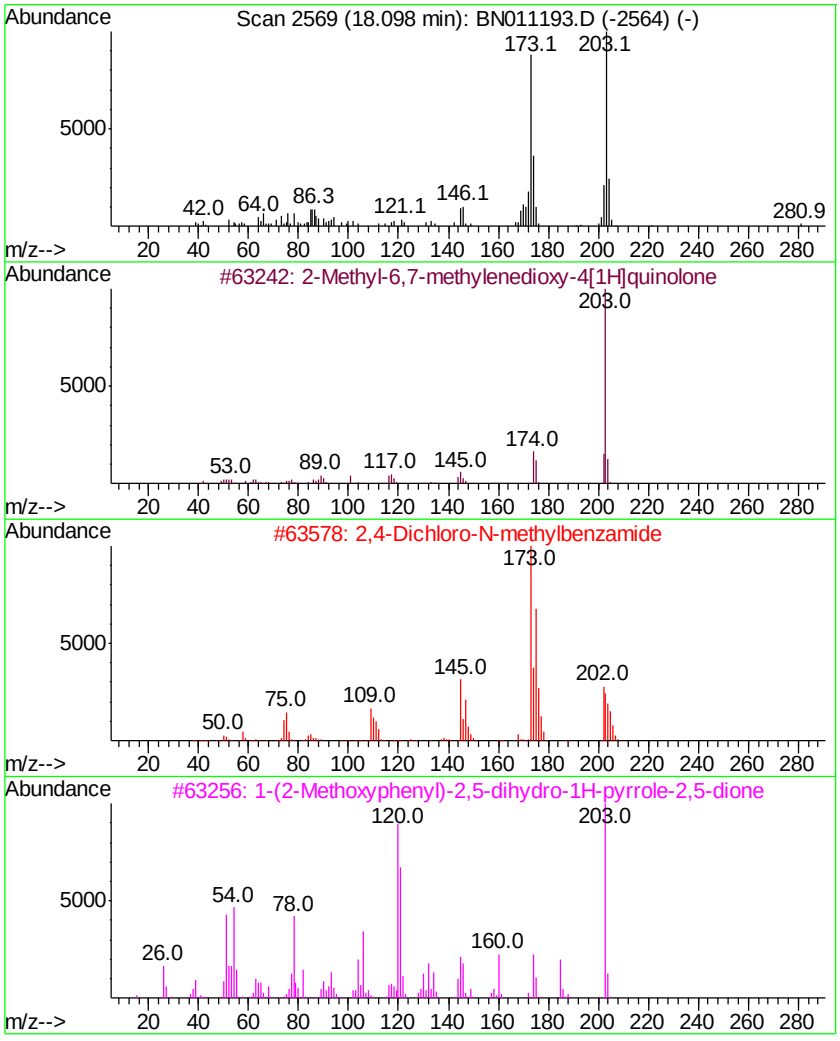
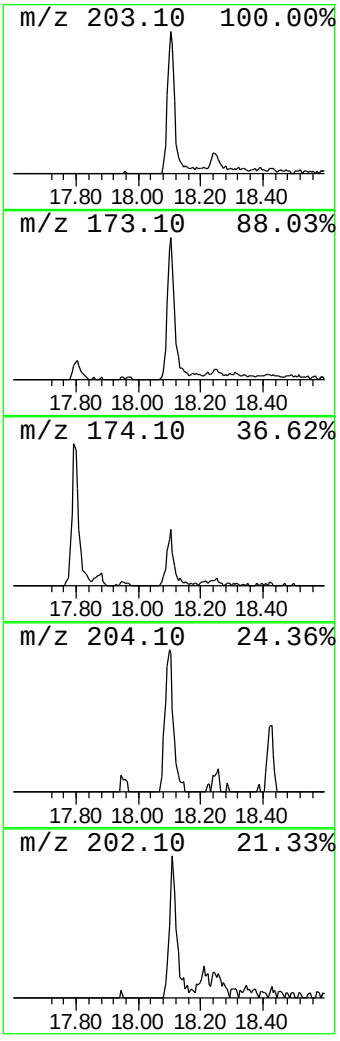
Peak Number 14 unknown-08 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	2.16 ng/ul	247606	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-6,7-methylenedioxy-4[1H...	203	C11H9NO3	1000227-48-2	38
2	2,4-Dichloro-N-methylbenzamide	203	C8H7Cl2NO	066896-64-8	38
3	1-(2-Methoxyphenyl)-2,5-dihydro-...	203	C11H9NO3	017392-68-6	35
4	9-Cyanophenanthrene	203	C15H9N	002510-55-6	30
5	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	27





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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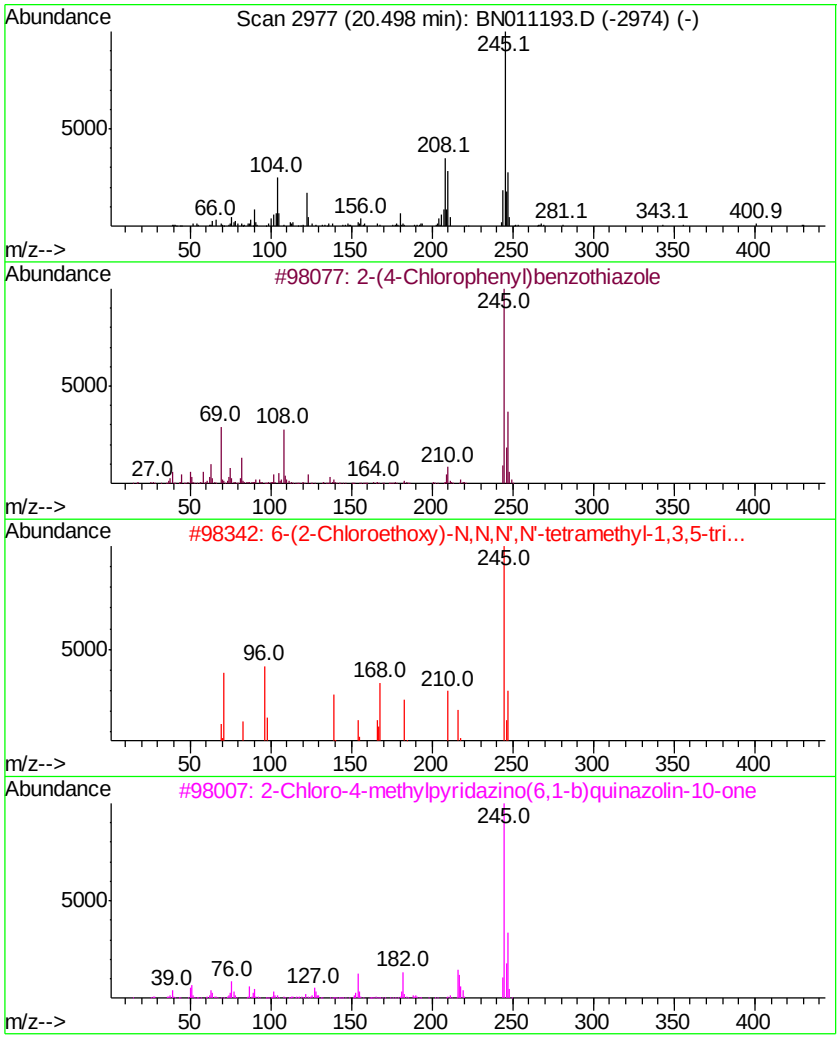
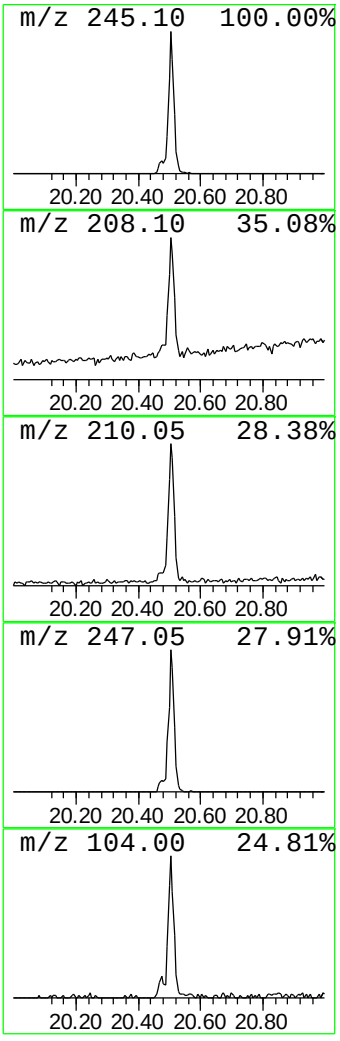
Peak Number 15 unknown-09 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.50	2.60 ng/ul	417216	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4-Chlorophenyl)benzothiazole	245	C13H8ClNS	006265-91-4	49
2	6-(2-Chloroethoxy)-N,N,N',N'-tet...	245	C9H16ClN5O	062915-30-4	47
3	2-Chloro-4-methylpyridazino(6,1-...	245	C12H8ClN3O	001703-04-4	47
4	2-Chloro-3-methylpyridazino(6,1-...	245	C12H8ClN3O	001703-03-3	47
5	1,3,5-Triazin-2-amine, 4-(2-fury...	245	C12H15N5O	148403-53-6	38





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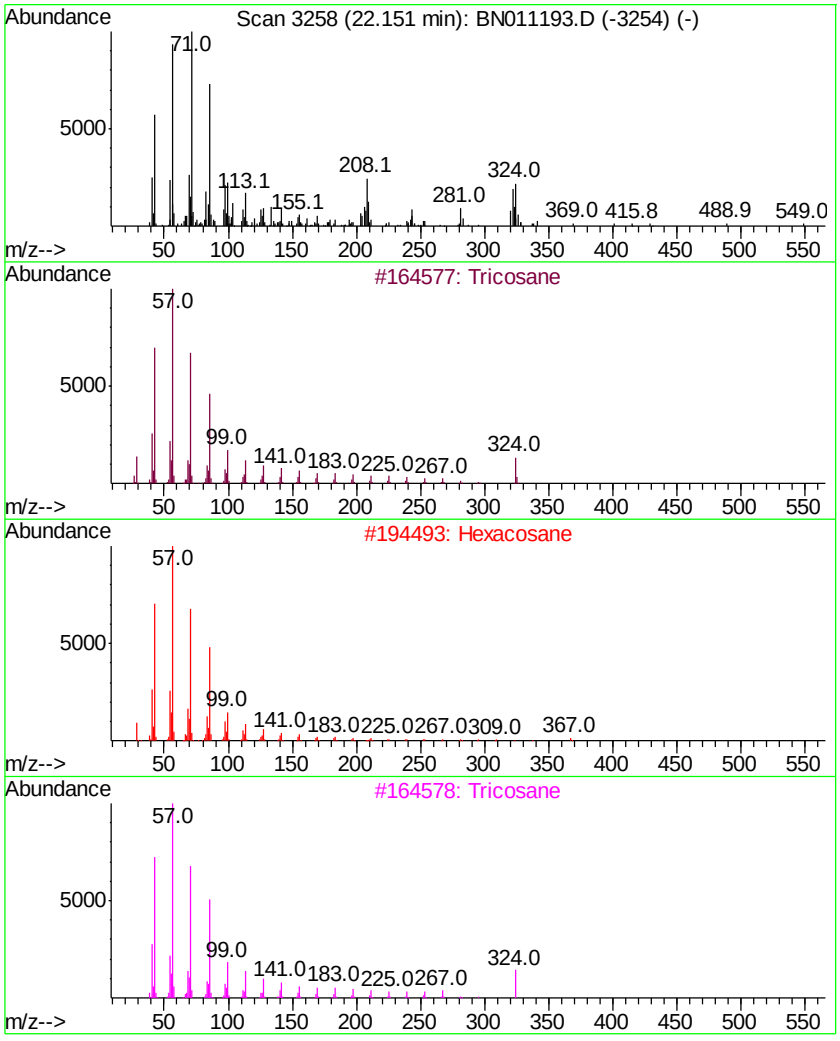
Quant Title : SVOA CALIBRATION

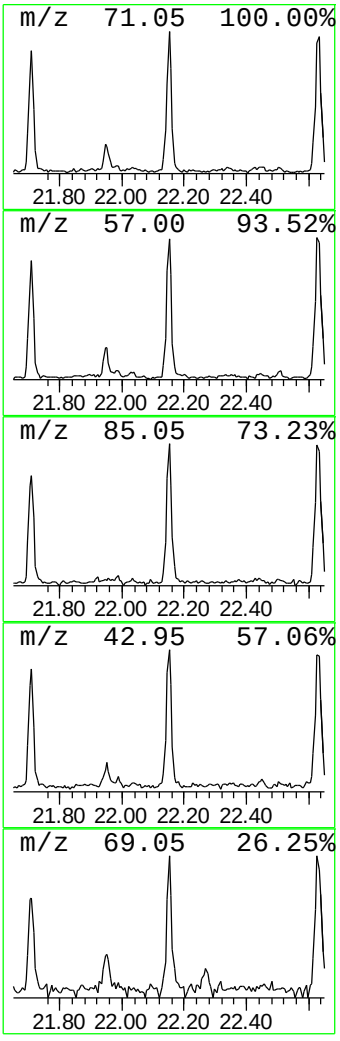
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.15	3.26 ng/ul	523478	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	64
2	Hexacosane	366	C26H54	000630-01-3	64
3	Tricosane	324	C23H48	000638-67-5	62
4	Tetracosane	338	C24H50	000646-31-1	58
5	Hexacosane	366	C26H54	000630-01-3	58





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Data File : BN011193.D
Acq On : 16 Jul 2020 17:10
Operator : CG/JU
Sample : L3295-01RX
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG098RX

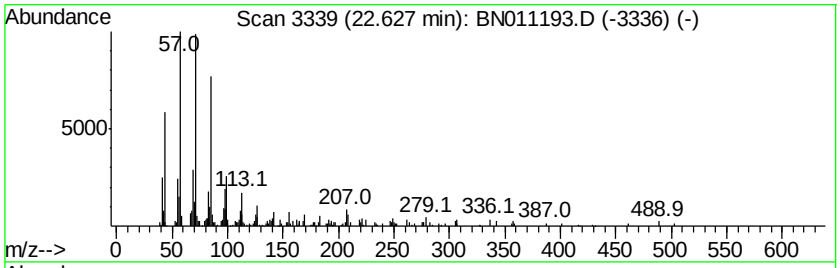
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

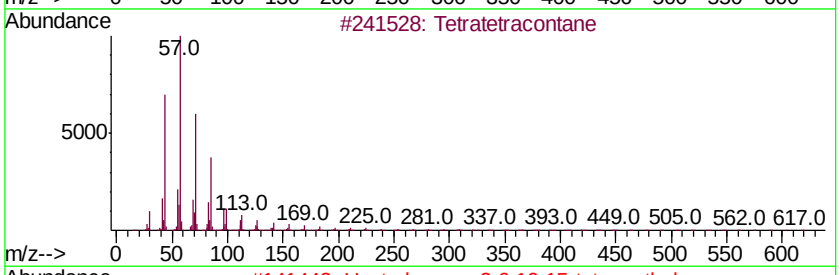
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

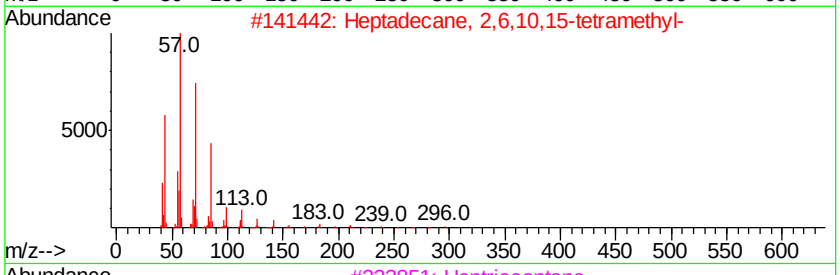
****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 19

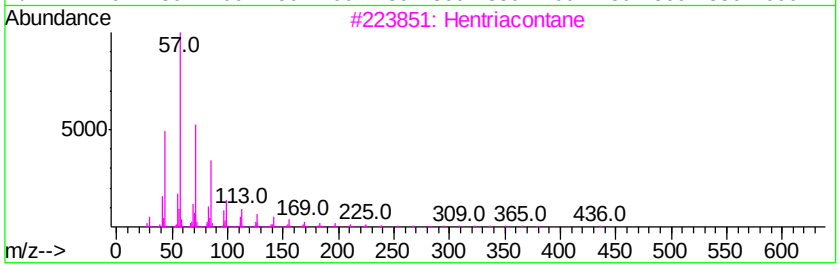
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	2.15 ng/ul	327377	Perylene-d12	23.23

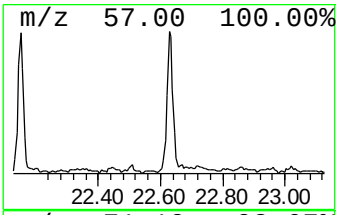
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	81
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	76
3	Hentriacontane	437	C31H64	000630-04-6	74
4	Hexacosane	366	C26H54	000630-01-3	74
5	Octadecane	254	C18H38	000593-45-3	74

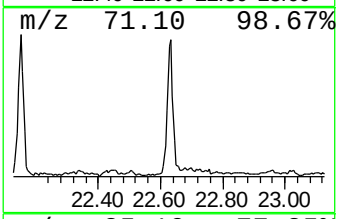


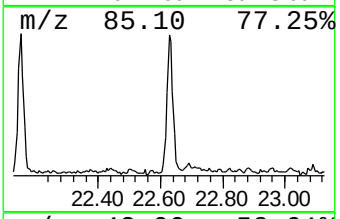


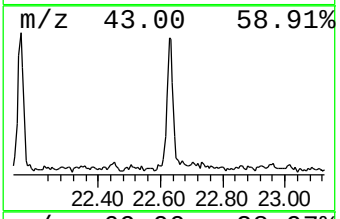


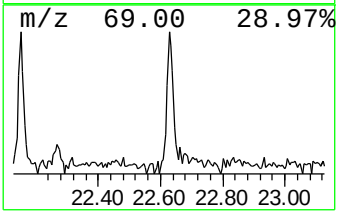












Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071620\
Data File : BN011193.D
Acq On : 16 Jul 2020 17:10
Operator : CG/JU
Sample : L3295-01RX
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG098RX

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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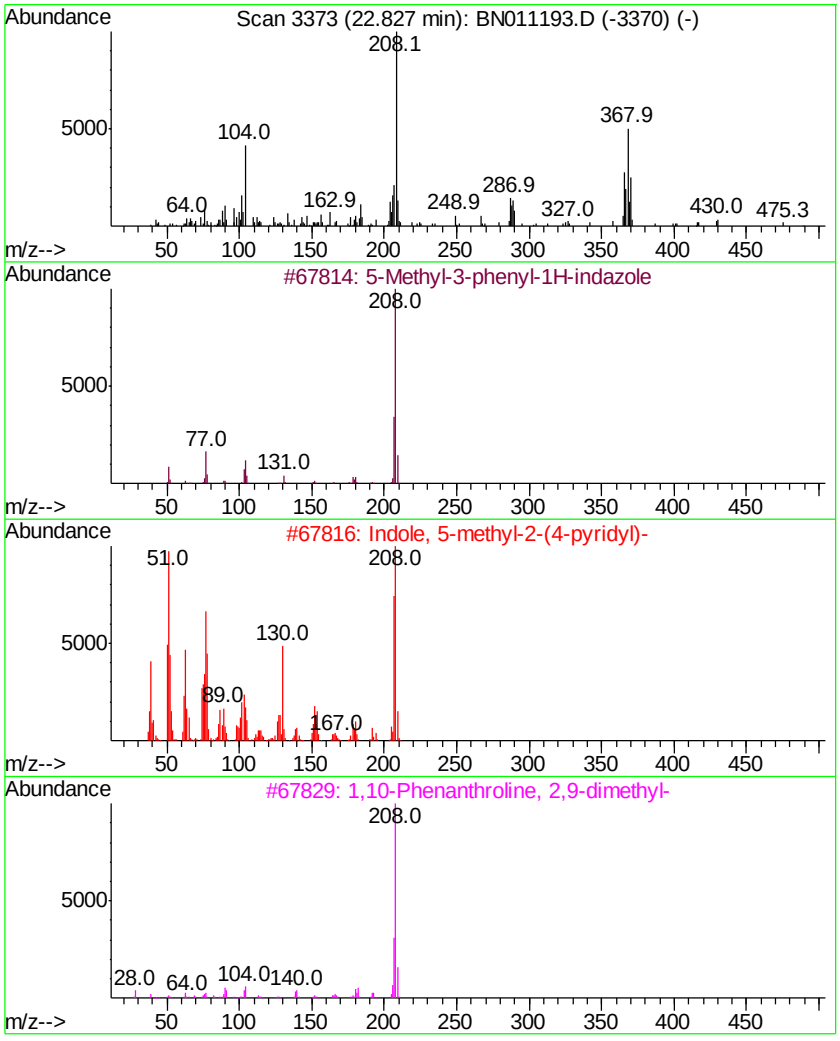
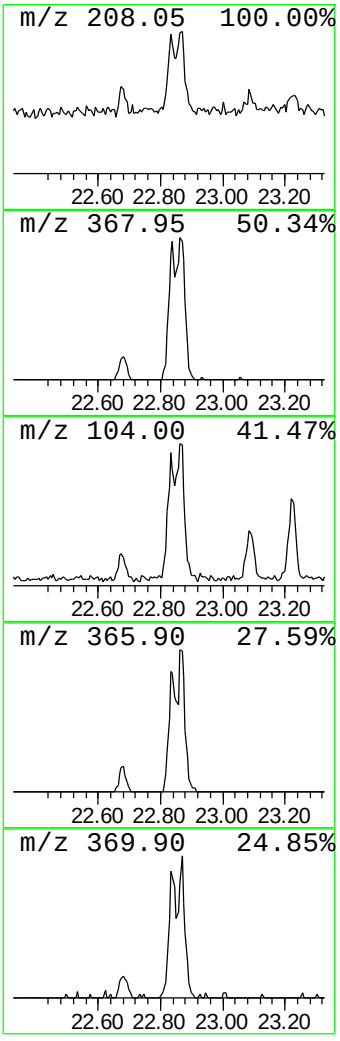
Peak Number 18 unknown-10 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	2.50 ng/ul	380694	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methyl-3-phenyl-1H-indazole	208	C14H12N2	057614-16-1	38
2	Indole, 5-methyl-2-(4-pyridyl)-	208	C14H12N2	107919-92-6	30
3	1,10-Phenanthroline, 2,9-dimethyl-	208	C14H12N2	000484-11-7	30
4	1,10-Phenanthroline, 2,9-dimethyl-	208	C14H12N2	000484-11-7	30
5	Benzeneacetonitrile, 4-amino-.al...	208	C14H12N2	004760-58-1	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071620\
Data File : BN011193.D
Acq On : 16 Jul 2020 17:10
Operator : CG/JU
Sample : L3295-01RX
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG098RX

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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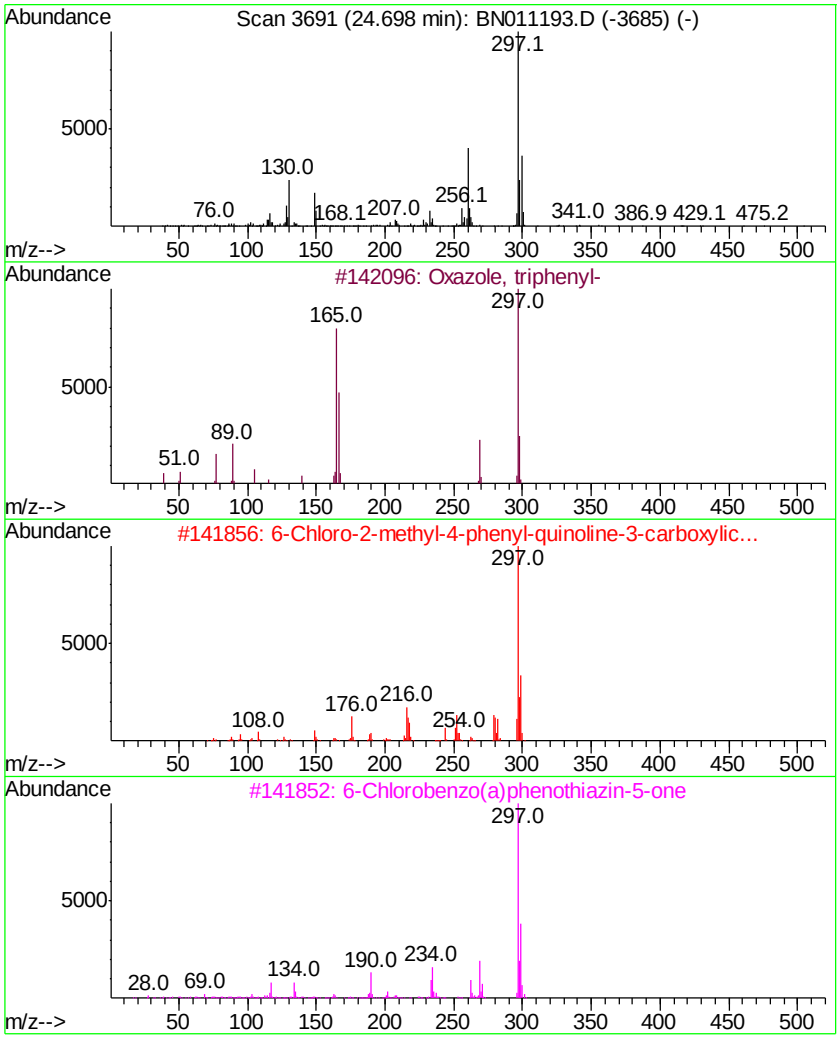
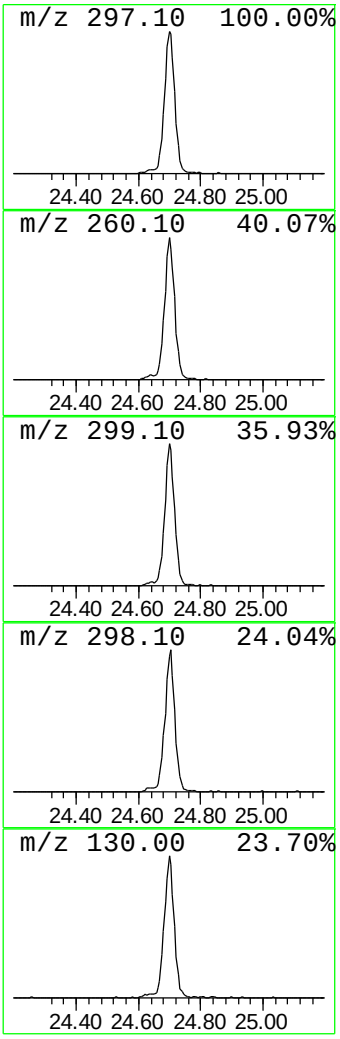
Peak Number 19 unknown-11 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.70	13.87 ng/ul	2114060	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxazole, triphenyl-	297	C21H15NO	000573-34-2	43
2	6-Chloro-2-methyl-4-phenyl-quino...	297	C17H12ClNO2	312758-85-3	38
3	6-Chlorobenzo(a)phenothiazin-5-one	297	C16H8ClNOS	025947-05-1	38
4	trans-4'-Dimethylamino-4-(methyl...	297	C18H19NOS	126443-24-1	38
5	Hydrazine, N-t-butyl-N-(3-chloro...	354	C21H23ClN2O	1000196-18-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN071620\
Data File : BN011193.D
Acq On : 16 Jul 2020 17:10
Operator : CG/JU
Sample : L3295-01RX
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG098RX

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Methyl-3-chloro...	3.05	35.3	ng/ul	1608710	1	7.49	912460	20.0
1,1-Dimethyl-3-ch...	4.30	91.7	ng/ul	4181700	1	7.49	912460	20.0
Butane, 2,3-dichl...	4.58	13.3	ng/ul	608143	1	7.49	912460	20.0
unknown-01	4.78	6.6	ng/ul	299079	1	7.49	912460	20.0
Cyclohexanone	5.59	8.3	ng/ul	376180	1	7.49	912460	20.0
unknown-02	8.33	13.0	ng/ul	594301	1	7.49	912460	20.0
Benzene,1-chloro-...	8.74	3.0	ng/ul	138480	1	7.49	912460	20.0
unknown-03	10.03	22.7	ng/ul	1498160	2	10.23	1321480	20.0
unknown-04	11.27	2.5	ng/ul	166216	2	10.23	1321480	20.0
unknown-05	11.47	12.1	ng/ul	796052	2	10.23	1321480	20.0
unknown-06	15.81	3.9	ng/ul	452969	4	16.87	2296910	20.0
unknown-07	17.12	6.7	ng/ul	764809	4	16.87	2296910	20.0
2-Propenethioamid...	17.82	12.4	ng/ul	1419690	4	16.87	2296910	20.0
unknown-08	18.10	2.2	ng/ul	247606	4	16.87	2296910	20.0
unknown-09	20.50	2.6	ng/ul	417216	5	21.09	3211690	20.0
(DEL) Alkane: Str...	22.15	3.3	ng/ul	523478	5	21.09	3211690	20.0
(DEL) Alkane: Str...	22.63	2.1	ng/ul	327377	6	23.23	3048170	20.0
unknown-10	22.83	2.5	ng/ul	380694	6	23.23	3048170	20.0
unknown-11	24.70	13.9	ng/ul	2114060	6	23.23	3048170	20.0