LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100220\
Data File : BG046732.D
Acq On : 2 Oct 2020 11:20
Operator : CG/JU
Sample : L4188-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BG0Q8

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_G\METHODS\SOM-EPA-BG092920MA.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	3.437	11	17	29	rBV	238814	363035	17.50%	1.721%
2	3.531	29	33	40	rVB4	14900	24406	1.18%	0.116%
3	3.637	46	51	57	rBV2	40647	74482	3.59%	0.353%
4	3.690	58	60	64	rVB4	5897	7220	0.35%	0.034%
5	3.801	75	79	80	rBV3	4330	4559	0.22%	0.022%
6	3.831	83	84	89	rVB4	8184	7663	0.37%	0.036%
7	3.942	100	103	105	rBV4	3676	3786	0.18%	0.018%
8	4.054	118	122	127	rVB6	9239	13421	0.65%	0.064%
9	4.195	143	146	150	rVB4	3267	3989	0.19%	0.019%
10	4.248	153	155	158	rVV4	5819	5746	0.28%	0.027%
11	4.289	158	162	168	rVB3	13074	20245	0.98%	0.096%
12	4.407	180	182	185	rVB4	2700	2735	0.13%	0.013%
13	4.753	235	241	242	rBV3	27415	35519	1.71%	0.168%
14	4.794	242	248	254	rVB	831360	1277736	61.60%	6.056%
15	4.947	269	274	278	rBV5	6246	9118	0.44%	0.043%
16	5.094	293	299	308	rVB2	58876	94637	4.56%	0.449%
17	5.194	313	316	321	rVB4	8487	10692	0.52%	0.051%
18	5.294	327	333	339	rBV2	64133	101360	4.89%	0.480%
19	6.146	472	478	488	rVB	206226	344918	16.63%	1.635%
20	6.263	496	498	503	rVB2	2093	2852	0.14%	0.014%
21	6.369	512	516	519	rBV3	2765	3303	0.16%	0.016%
22	6.475	531	534	535	rBV	3445	2817	0.14%	0.013%
23	6.657	561	565	568	rBV3	3691	4443	0.21%	0.021%
24	7.062	630	634	636	rBV	1966	3201	0.15%	0.015%
25	7.256	657	667	677	rVB3	29547	61471	2.96%	0.291%
26	7.432	690	697	705	rBV	176998	283392	13.66%	1.343%
27	7.515	708	711	717	rVV6	5938	9692	0.47%	0.046%
28	7.638	724	732	738	rBV	231552	421937	20.34%	2.000%
29	7.697	738	742	748	rVB4	12337	19524	0.94%	0.093%
30	7.791	753	758	760	rBV4	3379	4248	0.20%	0.020%
31	7.820	760	763	768	rVB6	4347	7095	0.34%	0.034%
32	8.114	805	813	819	rBV2	215751	369843	17.83%	1.753%
33	8.167	819	822	831	rVB4	10619	17871	0.86%	0.085%
34	8.655	902	905	908	rBV4	1854	2954	0.14%	0.014%

LSC Area Percent Report

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Operator : CG/JU
Sample : L4188-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BG0Q8

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_G\METHODS\SOM-EPA-BG092920MA.M
Title : SVOA CALIBRATION

35	8.743	918	920	923	rBV2	2659	3147	0.15%	0.015%
36	8.801	923	930	937	rBV3	40950	72039	3.47%	0.341%
37	9.183	992	995	997	rBV2	3388	3716	0.18%	0.018%
38	9.271	1000	1010	1018	rVB	228156	445379	21.47%	2.111%
39	9.383	1020	1029	1037	rBV	147990	255033	12.29%	1.209%
40	9.706	1080	1084	1088	rVB2	5322	7930	0.38%	0.038%
41	9.994	1126	1133	1140	rBV3	178825	317573	15.31%	1.505%
42	10.106	1148	1152	1155	rBV4	1978	3067	0.15%	0.015%
43	10.535	1217	1225	1237	rVB	278499	513346	24.75%	2.433%
44	10.670	1241	1248	1258	rVB3	39101	78873	3.80%	0.374%
45	10.770	1258	1265	1272	rBV	57538	106343	5.13%	0.504%
46	10.922	1284	1291	1299	rVB	280756	511570	24.66%	2.425%
47	11.422	1371	1376	1381	rBV5	11835	23641	1.14%	0.112%
48	11.804	1437	1441	1444	rVB2	1941	3028	0.15%	0.014%
49	12.197	1504	1508	1512	rVB2	3240	4665	0.22%	0.022%
50	12.385	1538	1540	1546	rVB4	3541	4719	0.23%	0.022%
51	12.497	1555	1559	1565	rVB3	5378	9544	0.46%	0.045%
52	12.544	1565	1567	1572	rBV3	2134	2862	0.14%	0.014%
53	12.597	1572	1576	1581	rVB4	4821	6739	0.32%	0.032%
54	13.108	1658	1663	1669	rBV4	23523	45721	2.20%	0.217%
55	13.860	1786	1791	1798	rBV4	13331	26043	1.26%	0.123%
56	14.136	1831	1838	1842	rBV	704801	1001389	48.27%	4.746%
57	14.183	1842	1846	1851	rVB	78581	110227	5.31%	0.522%
58	14.430	1880	1888	1895	rVB	241665	392076	18.90%	1.858%
59	14.736	1931	1940	1948	rVB2	489712	786812	37.93%	3.729%
60	14.900	1963	1968	1974	rBV2	78716	121577	5.86%	0.576%
61	14.947	1974	1976	1981	rVB	6434	7783	0.38%	0.037%
62	15.129	2004	2007	2010	rBV4	5665	6600	0.32%	0.031%
63	15.535	2072	2076	2082	rVB3	4492	6852	0.33%	0.032%
64	15.723	2097	2108	2117	rBV	922763	1427327	68.81%	6.765%
65	15.823	2119	2125	2134	rVV	295915	449797	21.68%	2.132%
66	15.934	2141	2144	2146	rBV2	2735	3700	0.18%	0.018%
67	15.964	2146	2149	2157	rVB6	10115	16582	0.80%	0.079%
68	16.404	2216	2224	2229	rBV6	8559	16449	0.79%	0.078%
69	16.504	2234	2241	2243	rBV7	5723	9739	0.47%	0.046%
70	17.133	2342	2348	2354	rVB	74553	112495	5.42%	0.533%
71	17.227	2357	2364	2365	rBV5	3445	4919	0.24%	0.023%

LSC Area Percent Report

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Sample : L4188-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BG0Q8

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Title : SVOA CALIBRATION

72	17.262	2368	2370	2375	rVB4	6240	7484	0.36%	0.035%
73	17.309	2375	2378	2380	rBV3	2267	3035	0.15%	0.014%
74	17.350	2380	2385	2390	rBV2	38250	51685	2.49%	0.245%
75	17.479	2400	2407	2414	rBV	688548	1059928	51.10%	5.023%
76	17.579	2417	2424	2431	rVB2	682490	1077373	51.94%	5.106%
77	17.662	2432	2438	2441	rVV	100728	157144	7.58%	0.745%
78	17.709	2441	2446	2451	rVV	426681	667205	32.16%	3.162%
79	17.756	2451	2454	2460	rVB2	24706	36367	1.75%	0.172%
80	18.102	2510	2513	2514	rBV2	3461	3966	0.19%	0.019%
81	18.290	2539	2545	2551	rBV2	58321	100886	4.86%	0.478%
82	18.361	2552	2557	2565	rVV	191997	275030	13.26%	1.303%
83	18.437	2567	2570	2574	rVB	18274	24521	1.18%	0.116%
84	18.555	2587	2590	2591	rVB2	4220	3296	0.16%	0.016%
85	18.666	2604	2609	2612	rBV5	6340	13160	0.63%	0.062%
86	18.696	2612	2614	2615	rBV	6293	6321	0.30%	0.030%
87	18.848	2634	2640	2649	rVB3	40170	68879	3.32%	0.326%
88	18.907	2649	2650	2651	rBV	4001	2807	0.14%	0.013%
89	19.072	2676	2678	2681	rBV4	4087	3726	0.18%	0.018%
90	19.125	2684	2687	2690	rVV4	5497	8282	0.40%	0.039%
91	19.336	2721	2723	2727	rBV4	5286	4908	0.24%	0.023%
92	19.477	2742	2747	2753	rBV3	41376	87612	4.22%	0.415%
93	19.630	2768	2773	2779	rBV2	101729	149066	7.19%	0.706%
94	19.859	2805	2812	2817	rBV	1394467	2074400	100.00%	9.831%
95	21.075	3015	3019	3025	rVB2	127920	195407	9.42%	0.926%
96	21.398	3069	3074	3085	rBV2	148864	278528	13.43%	1.320%
97	21.645	3112	3116	3124	rVB	100903	148661	7.17%	0.705%
98	21.751	3128	3134	3145	rVB	810276	1355627	65.35%	6.425%
99	24.800	3644	3653	3666	rVB	508686	1454690	70.13%	6.894%
100	25.029	3682	3692	3701	rBV3	429728	1240751	59.81%	5.880%

Sum of corrected areas: 21099957

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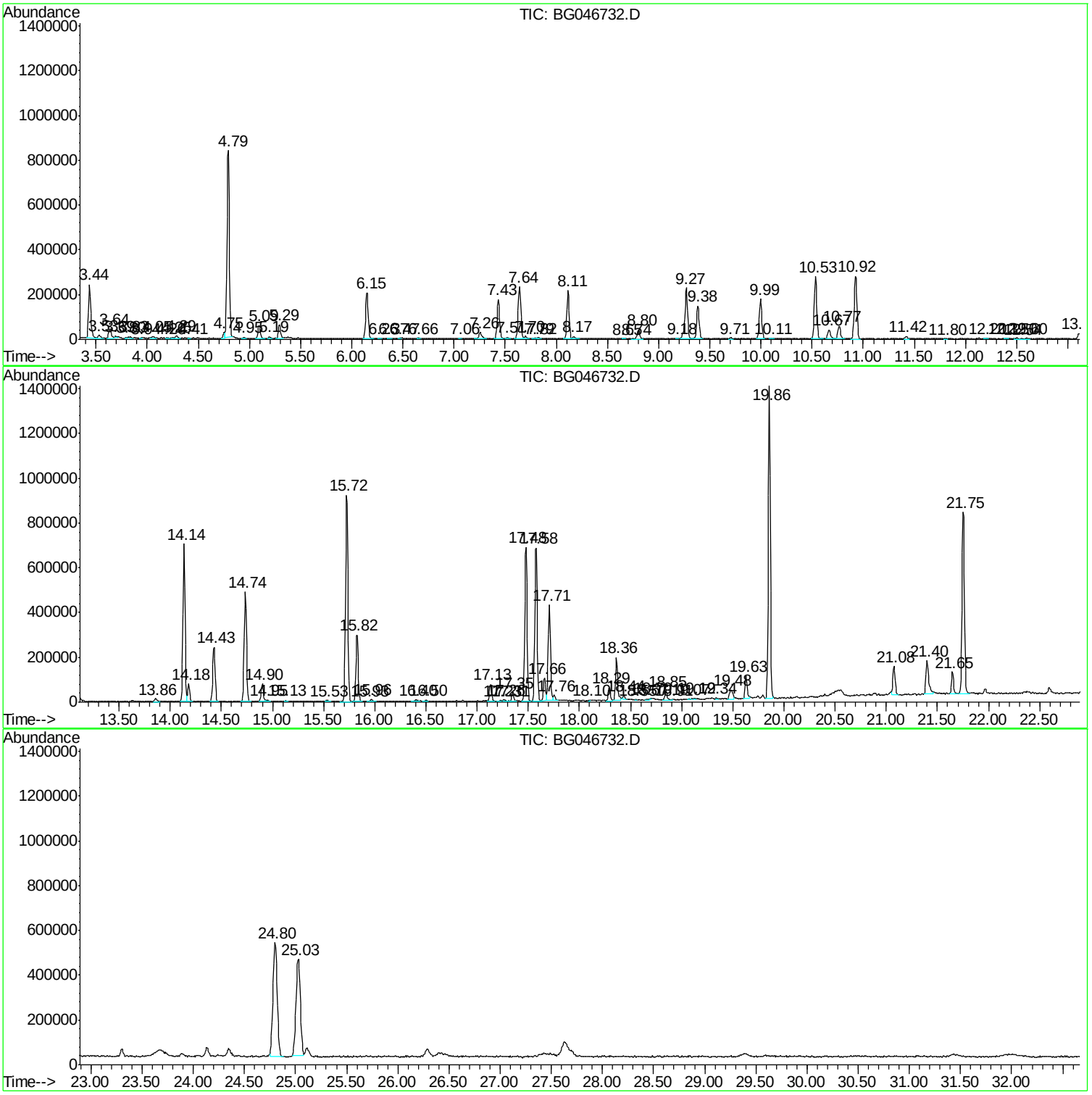
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BG0Q8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100220\
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Quant Title : SVOA CALIBRATION

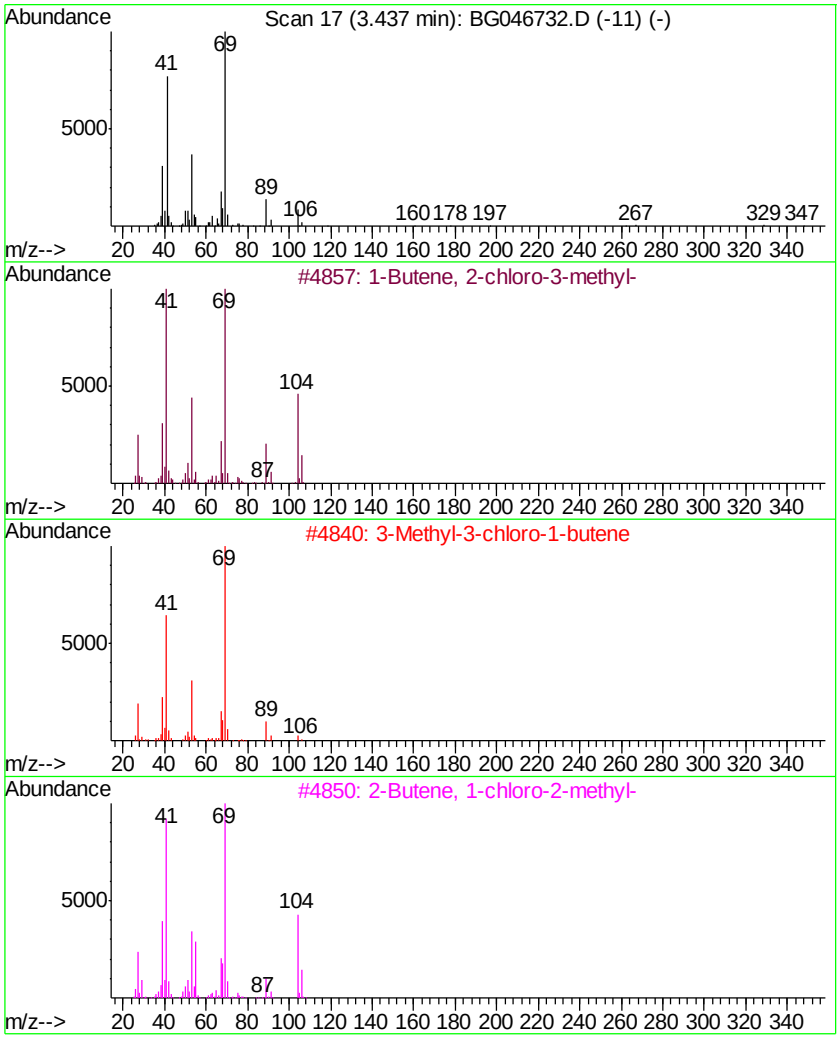
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

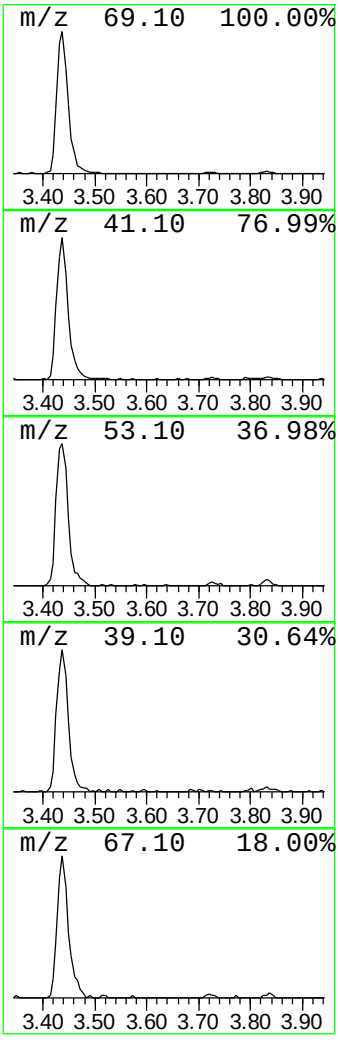
****

Peak Number 1 1-Butene, 2-chloro-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.44	19.63 ng/ul	363035	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 2-chloro-3-methyl-	104	C5H9Cl	017773-64-7	90
2	3-Methyl-3-chloro-1-butene	104	C5H9Cl	002190-48-9	90
3	2-Butene, 1-chloro-2-methyl-	104	C5H9Cl	013417-43-1	87
4	2-Butene, 1-chloro-3-methyl-	104	C5H9Cl	000503-60-6	78
5	2-Butene, 1-chloro-3-methyl-	104	C5H9Cl	000503-60-6	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100220\
Data File : BG046732.D
Acq On : 2 Oct 2020 11:20
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Sample : L4188-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BG0Q8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

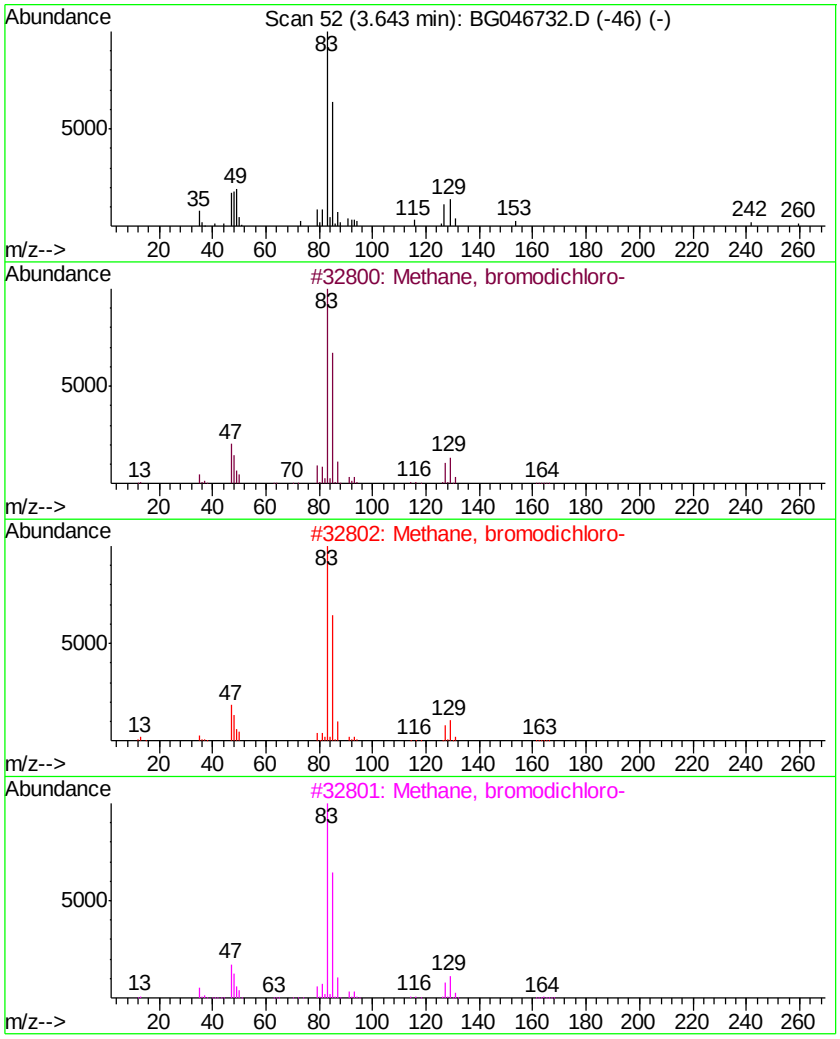
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

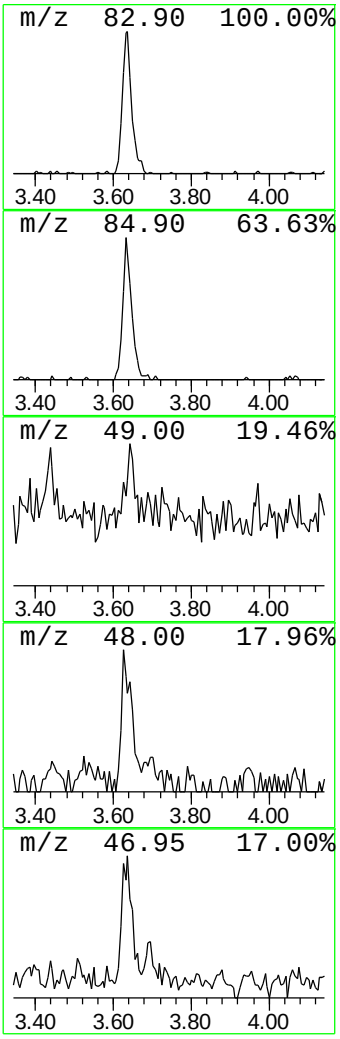
****

Peak Number 2 Dichloroacetic anhydride Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.64	4.03 ng/ul	74482	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	90
2	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	90
3	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	90
4	Trichloromethane	118	CHCl3	000067-66-3	60
5	Dichloroacetic anhydride	238	C4H2Cl4O3	004124-30-5	59





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : BG0Q8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

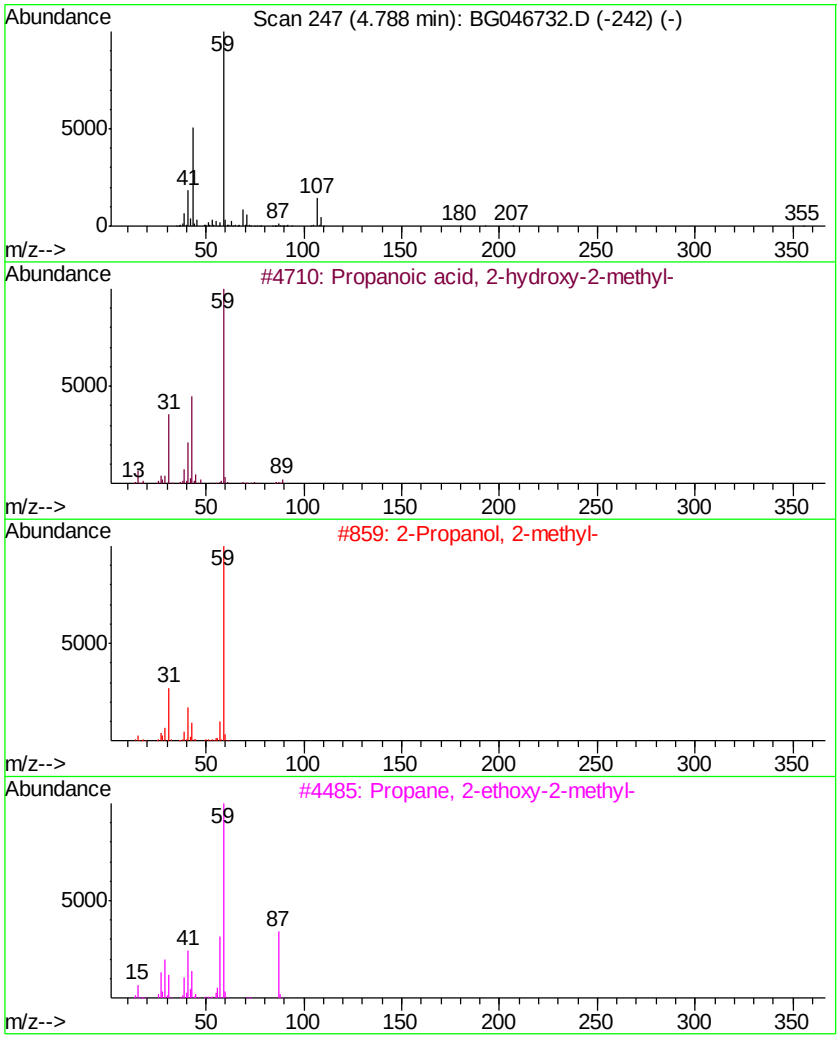
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

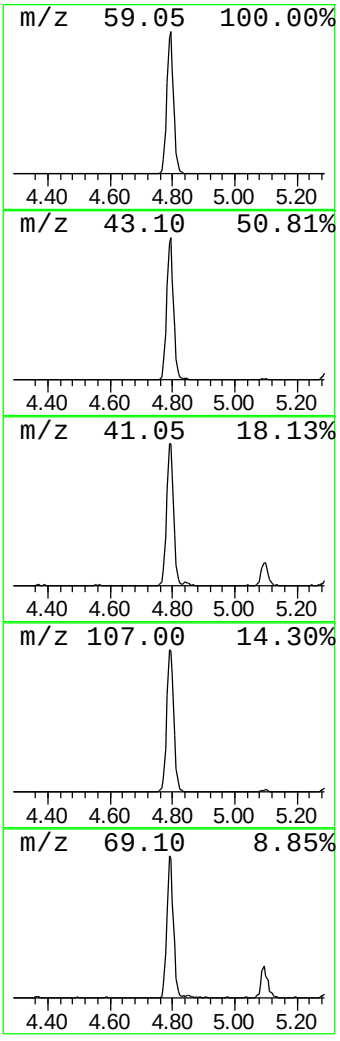
****

Peak Number 3 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	69.10 ng/ul	1277740	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	42
2	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	42
3	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	36
4	4-Methyl-2-pentanol, methyl ether	116	C7H16O	1000333-93-5	36
5	4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	36





Library Search Compound Report

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BG0Q8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

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

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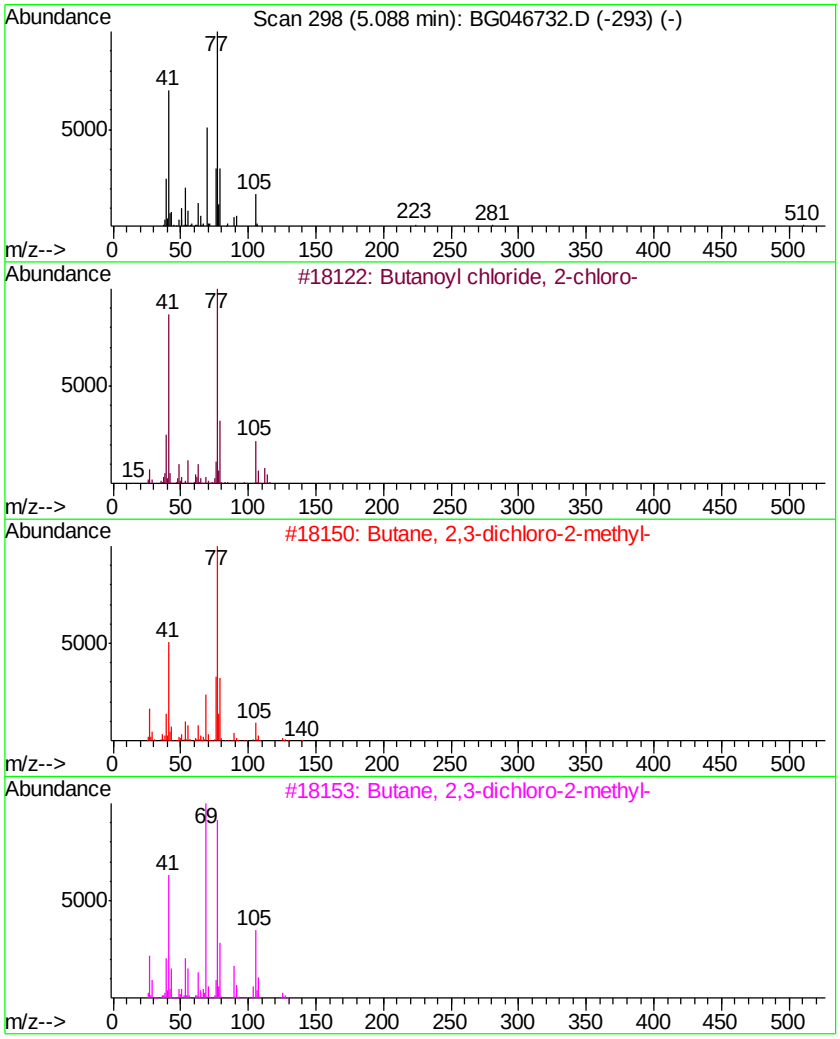
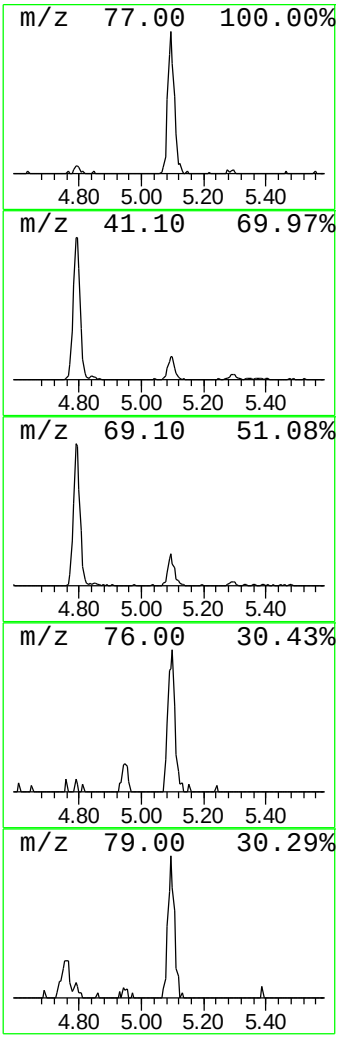
Peak Number 4 Butanoyl chloride, 2-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	5.12 ng/ul	94637	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoyl chloride, 2-chloro-	140	C4H6Cl2O	007623-11-2	53
2	Butane, 2,3-dichloro-2-methyl-	140	C5H10Cl2	000507-45-9	45
3	Butane, 2,3-dichloro-2-methyl-	140	C5H10Cl2	000507-45-9	38
4	Propane, 2-bromo-1-chloro-	156	C3H6BrCl	003017-95-6	28
5	Benzenesulfonic acid, 2-nitro-, ...	217	C6H7N3O4S	005906-99-0	28





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100220\
Data File : BG046732.D
Acq On : 2 Oct 2020 11:20
Operator : CG/JU
Sample : L4188-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BG0Q8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

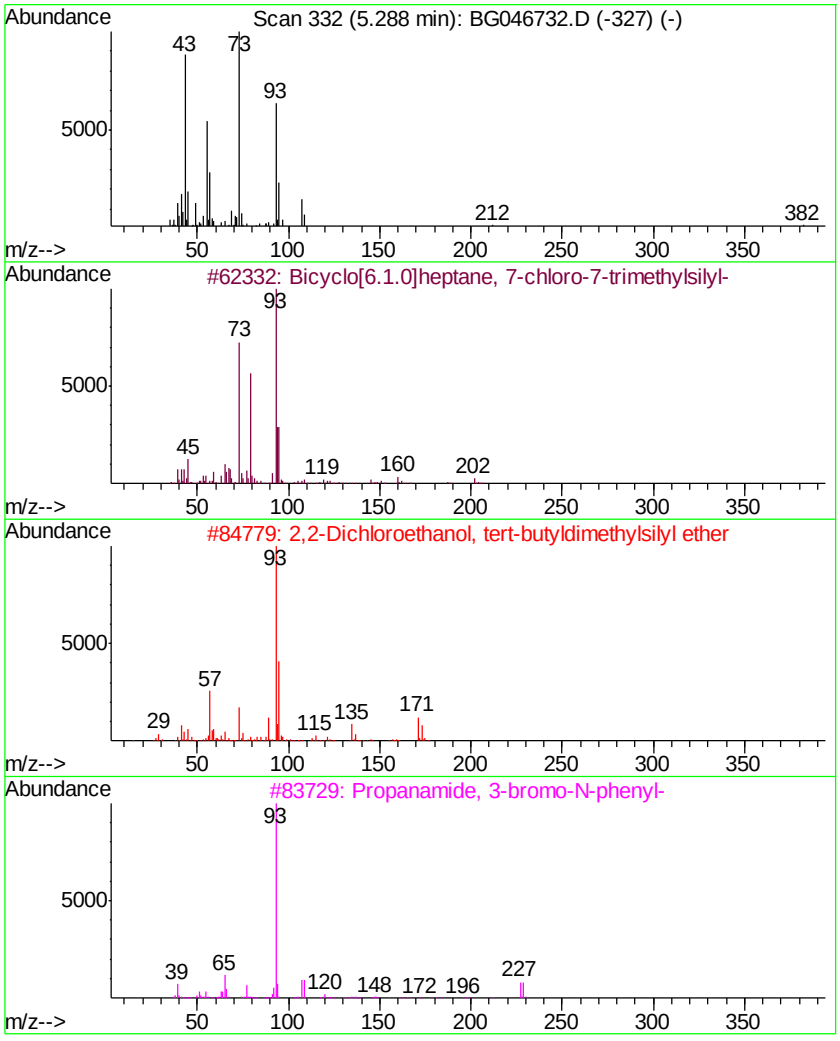
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

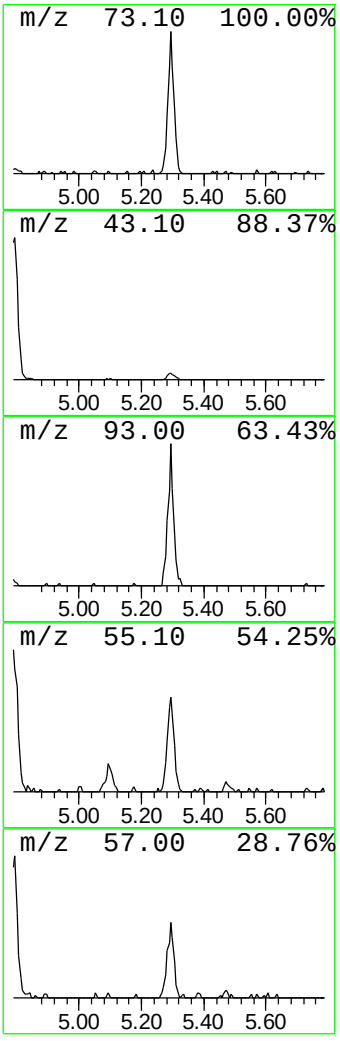
****

Peak Number 5 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	5.48 ng/ul	101360	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[6.1.0]heptane, 7-chloro-...	202	C10H19ClSi	084472-99-1	28
2	2,2-Dichloroethanol, tert-butyld...	228	C8H18Cl2OSi	1000333-06-5	25
3	Propanamide, 3-bromo-N-phenyl-	227	C9H10BrNO	007661-07-6	17
4	Bis[bicyclo[3.2.0]hept-2-en-4-yl...	202	C14H18O	1000153-89-5	12
5	Acetamide, N-phenyl-	135	C8H9NO	000103-84-4	10





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Acq On : 2 Oct 2020 11:20
Operator : CG/JU
Sample : L4188-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BG0Q8

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Quant Title : SVOA CALIBRATION

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

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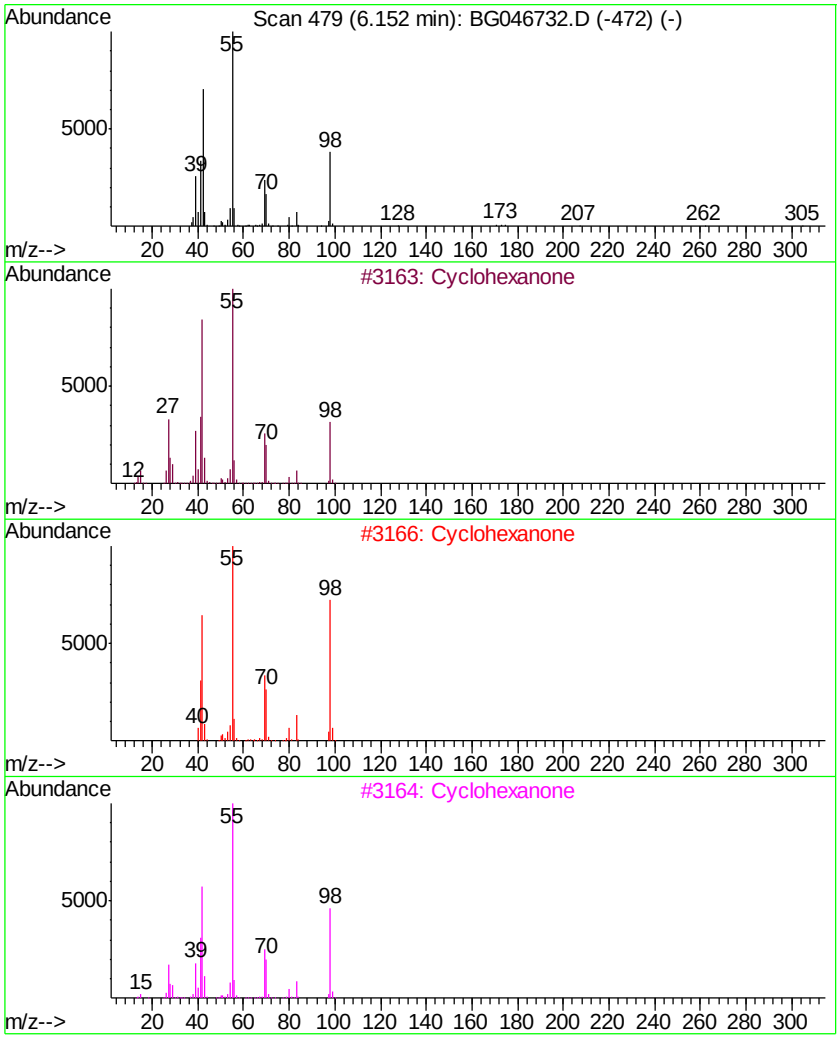
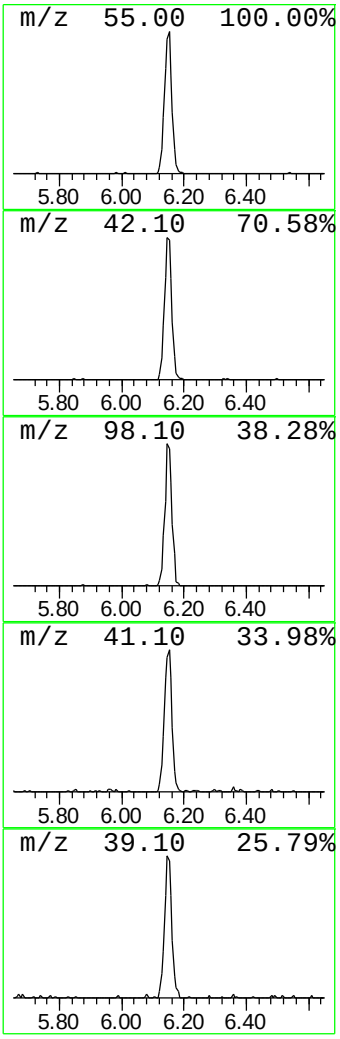
Peak Number 6 Cyclohexanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	18.65 ng/ul	344918	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone	98	C6H10O	000108-94-1	94
2	Cyclohexanone	98	C6H10O	000108-94-1	91
3	Cyclohexanone	98	C6H10O	000108-94-1	91
4	Cyclohexanone	98	C6H10O	000108-94-1	83
5	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	83





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Operator : CG/JU
Sample : L4188-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BG0Q8

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Quant Title : SVOA CALIBRATION

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

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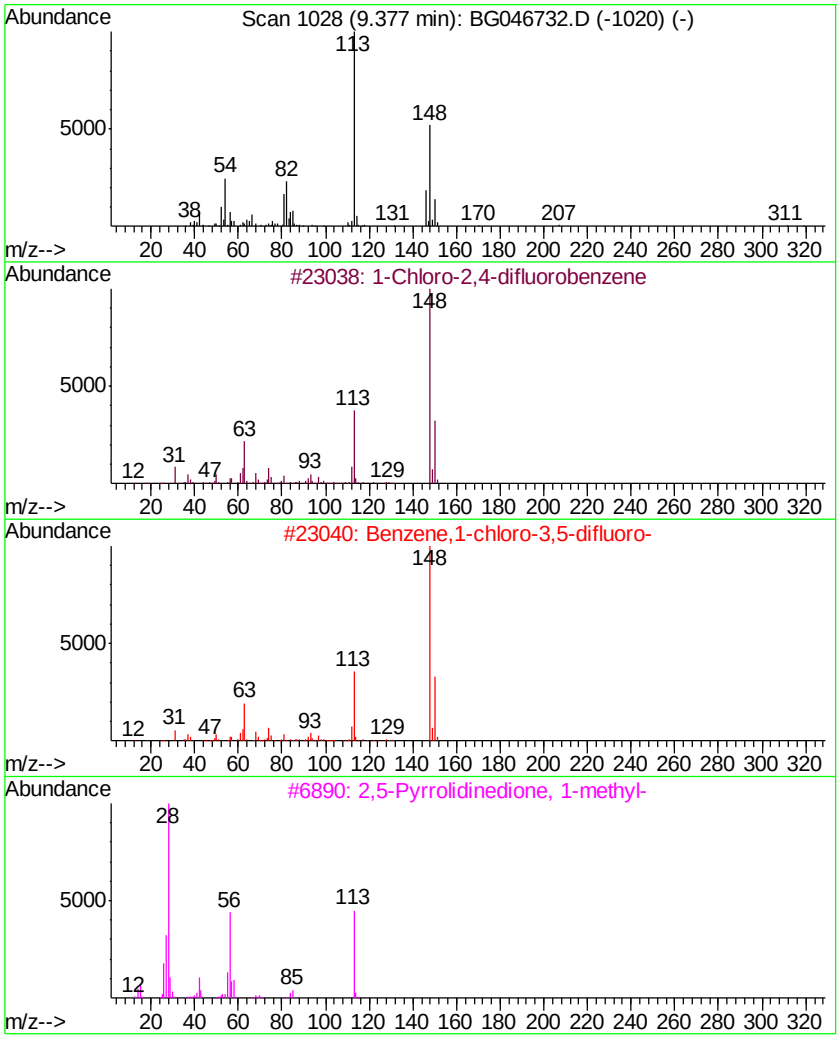
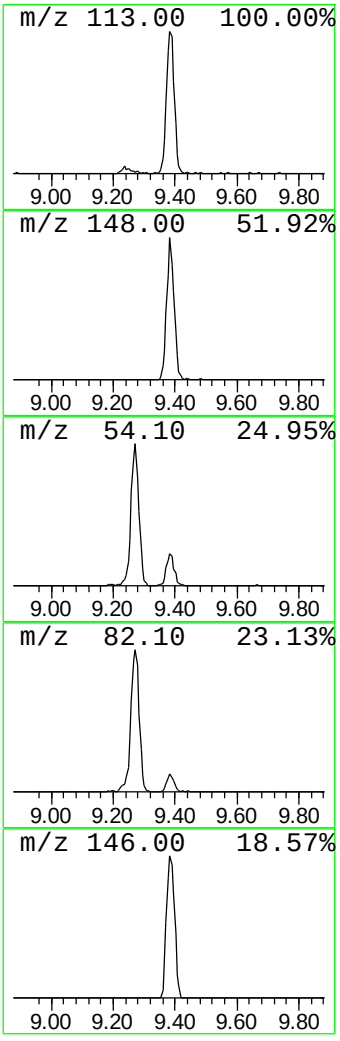
Peak Number 7 1-Chloro-2,4-difluorobenzene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	13.79 ng/ul	255033	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Chloro-2,4-difluorobenzene	148	C6H3ClF2	001435-44-5	53
2	Benzene,1-chloro-3,5-difluoro-	148	C6H3ClF2	001435-43-4	53
3	2,5-Pyrrolidinedione, 1-methyl-	113	C5H7NO2	001121-07-9	27
4	4-Fluoro-6-aminopyrimidine	113	C4H4FN3	051421-96-6	25
5	1H-Pyrazole, 4-nitro-	113	C3H3N3O2	002075-46-9	25





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Instrument : BNA_G
ClientSampleId : BG0Q8

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Quant Title : SVOA CALIBRATION

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

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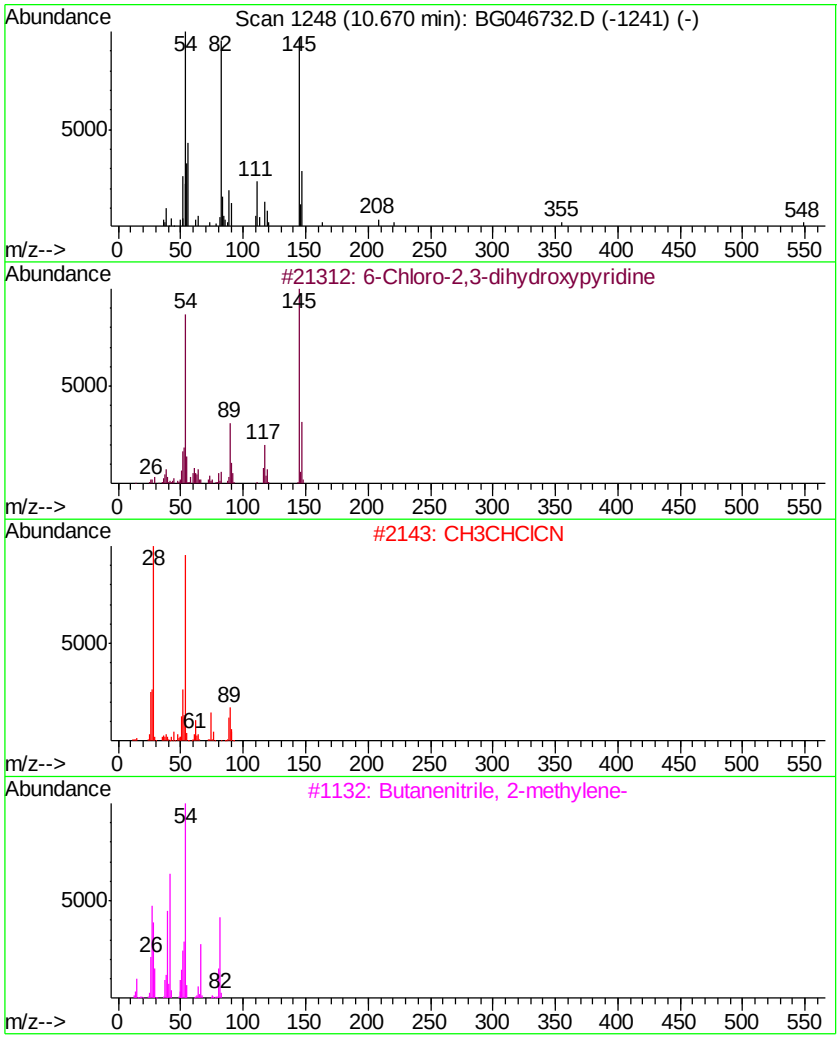
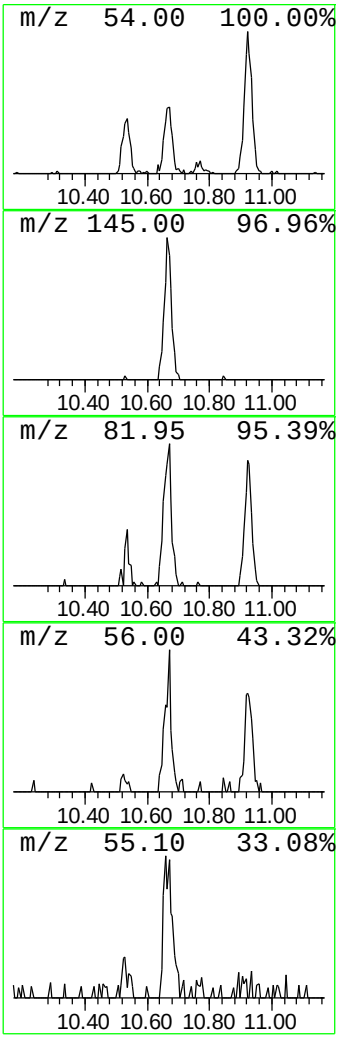
Peak Number 8 6-Chloro-2,3-dihydroxypyridine Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	3.08 ng/ul	78873	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Chloro-2,3-dihydroxypyridine	145	C5H4ClNO2	1000341-18-9	58
2	CH3CHClCN	89	C3H4ClN	001617-17-0	38
3	Butanenitrile, 2-methylene-	81	C5H7N	001647-11-6	38
4	1,5-Cyclododecadiene, (E,E)-	164	C12H20	001684-05-5	35
5	1-Propene, 3-azido-	83	C3H5N3	000821-13-6	32





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Misc :
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Instrument : BNA_G
ClientSampleId : BG0Q8

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Quant Title : SVOA CALIBRATION

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

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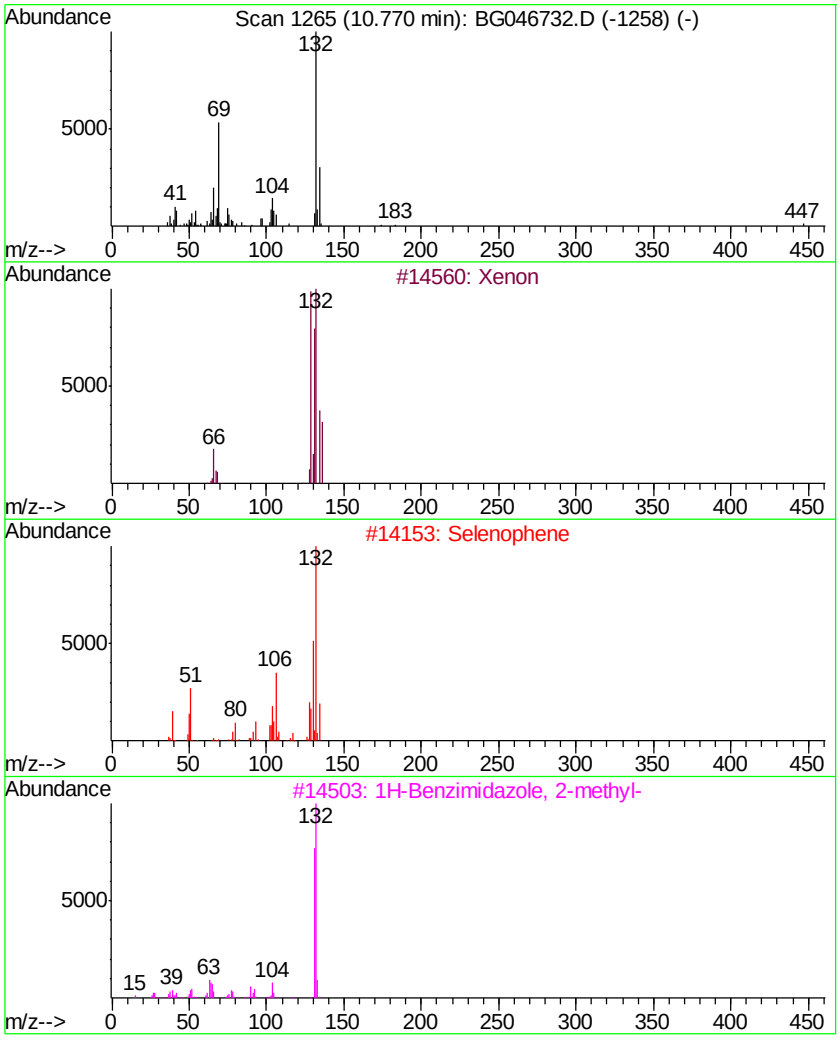
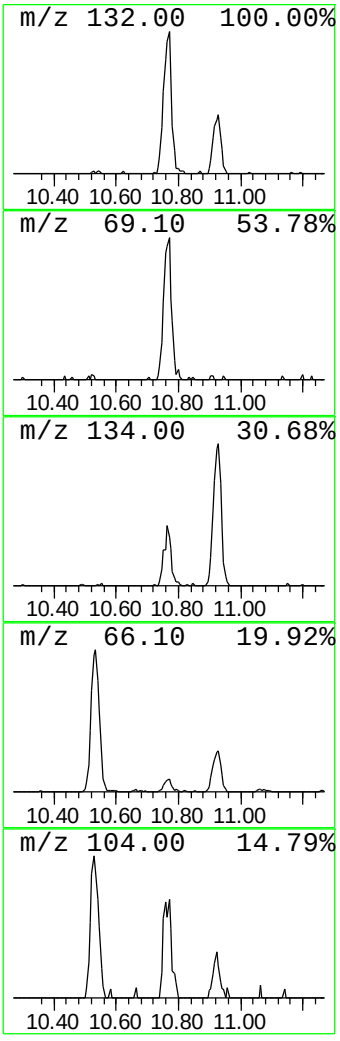
Peak Number 9 Xenon Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	4.16 ng/ul	106343	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Xenon	132	Xe	007440-63-3	72
2	Selenophene	132	C4H4Se	000288-05-1	43
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	35
4	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	35
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	30





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Operator : CG/JU
Sample : L4188-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BG0Q8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

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

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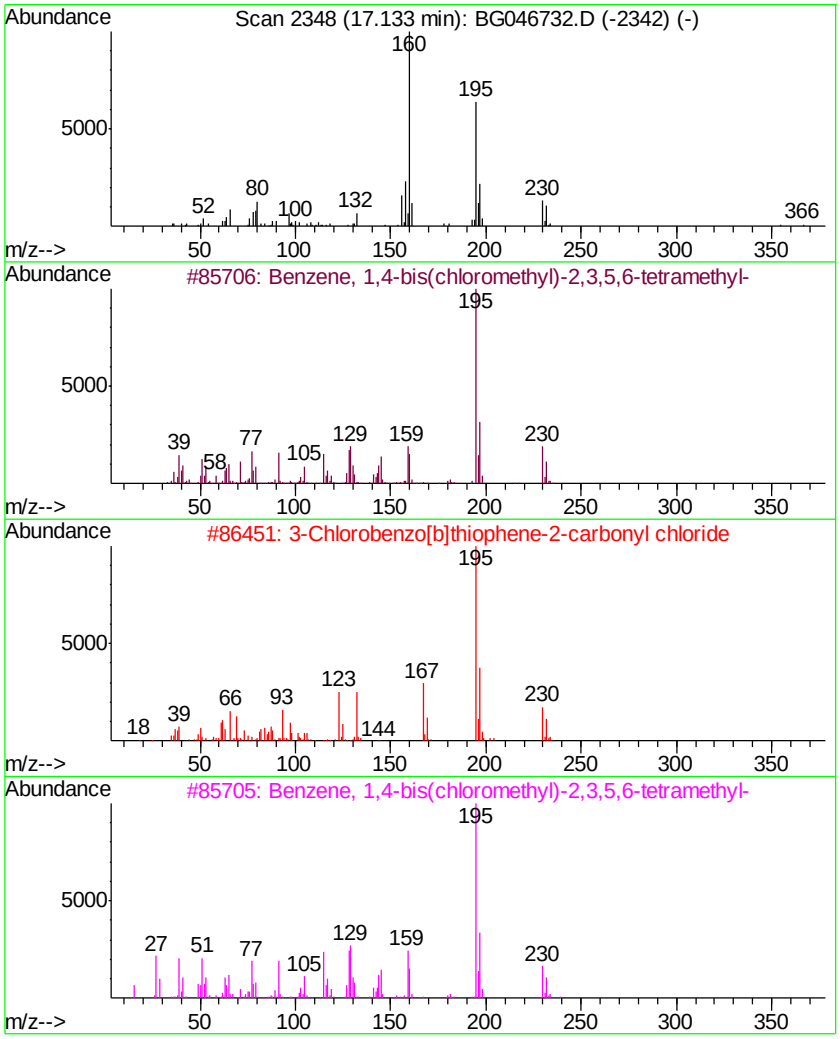
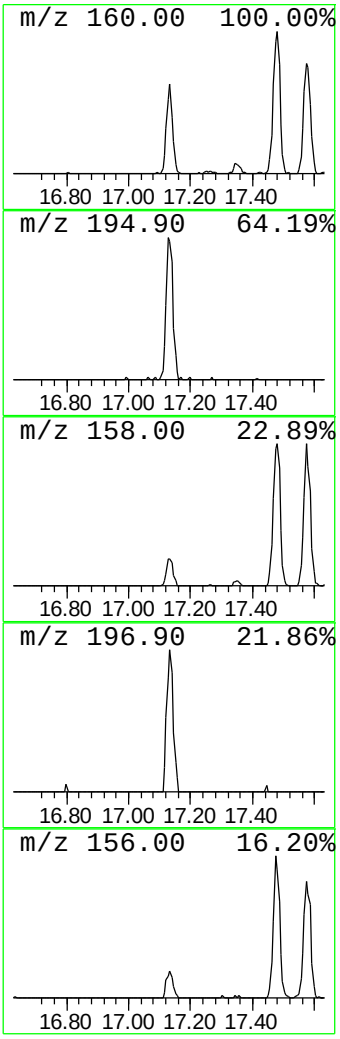
Peak Number 10 unknown-03 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	2.12 ng/ul	112495	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-bis(chloromethyl)-2...	230	C12H16Cl2	003022-16-0	46
2	3-Chlorobenzo[b]thiophene-2-carb...	230	C9H4Cl2OS	021815-91-8	41
3	Benzene, 1,4-bis(chloromethyl)-2...	230	C12H16Cl2	003022-16-0	38
4	8-Quinolinol, 5-amino-	160	C9H8N2O	013207-66-4	30
5	2-Methyl-3H-quinazolin-4-one	160	C9H8N2O	1000318-16-2	27





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Misc :
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Instrument : BNA_G
ClientSampleId : BG0Q8

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Quant Title : SVOA CALIBRATION

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

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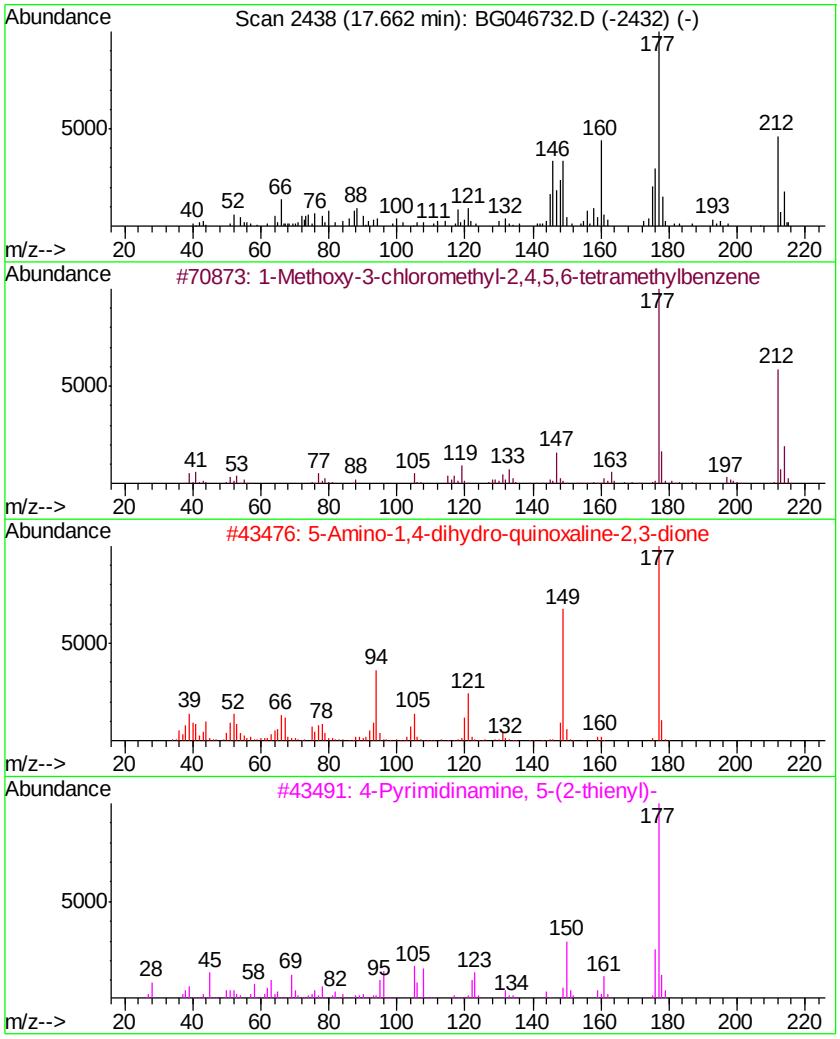
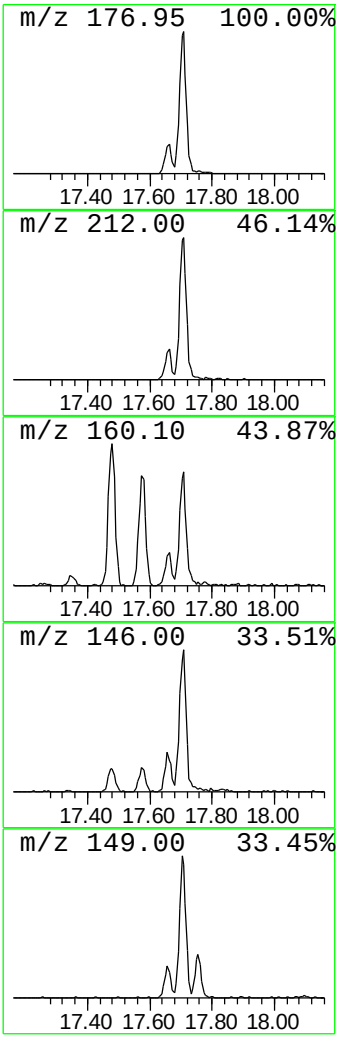
Peak Number 11 unknown-04 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	2.97 ng/ul	157144	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methoxy-3-chloromethyl-2,4,5,6...	212	C12H17ClO	073942-80-0	43
2	5-Amino-1,4-dihydro-quinoxaline-...	177	C8H7N3O2	076097-87-5	27
3	4-Pyrimidinamine, 5-(2-thienyl)-	177	C8H7N3S	058758-95-5	27
4	Benzofuran-2-one, 4-amino-2,3-di...	177	C10H11NO2	1000129-51-7	27
5	Terephthalic acid, but-3-enyl et...	248	C14H16O4	1000356-33-3	27





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Operator : CG/JU
Sample : L4188-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BG0Q8

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Quant Title : SVOA CALIBRATION

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

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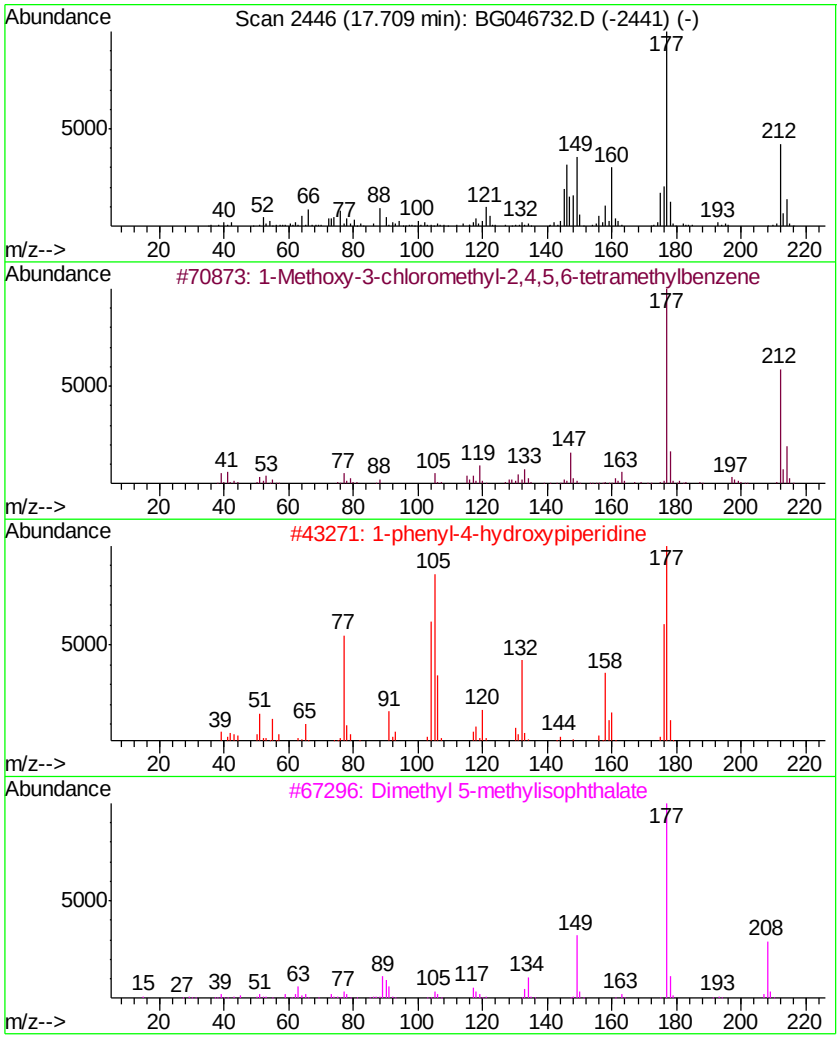
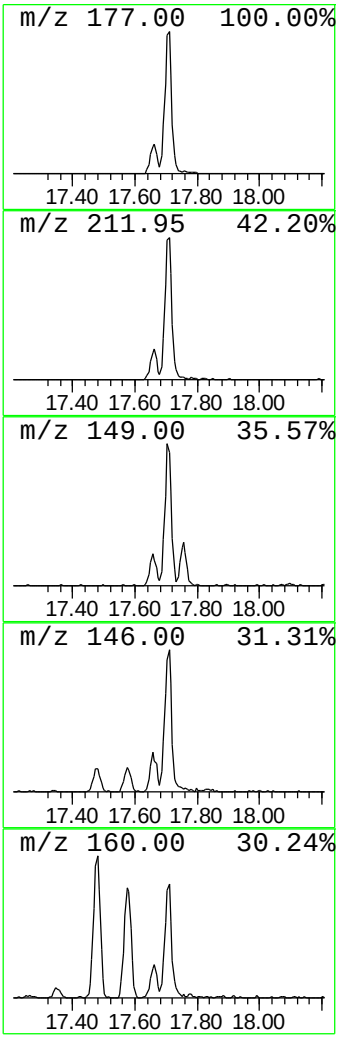
Peak Number 12 unknown-05 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	12.59 ng/ul	667205	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methoxy-3-chloromethyl-2,4,5,6...	212	C12H17ClO	073942-80-0	49
2	1-phenyl-4-hydroxypiperidine	177	C11H15NO	1000380-04-6	46
3	Dimethyl 5-methylisophthalate	208	C11H12O4	017649-58-0	35
4	Spiro[cyclopenta[d]-1,3,2-dioxab...	206	C12H19BO2	062238-26-0	35
5	Terephthalic acid, but-3-enyl et...	248	C14H16O4	1000356-33-3	35





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Sample : L4188-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BG0Q8

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Quant Title : SVOA CALIBRATION

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

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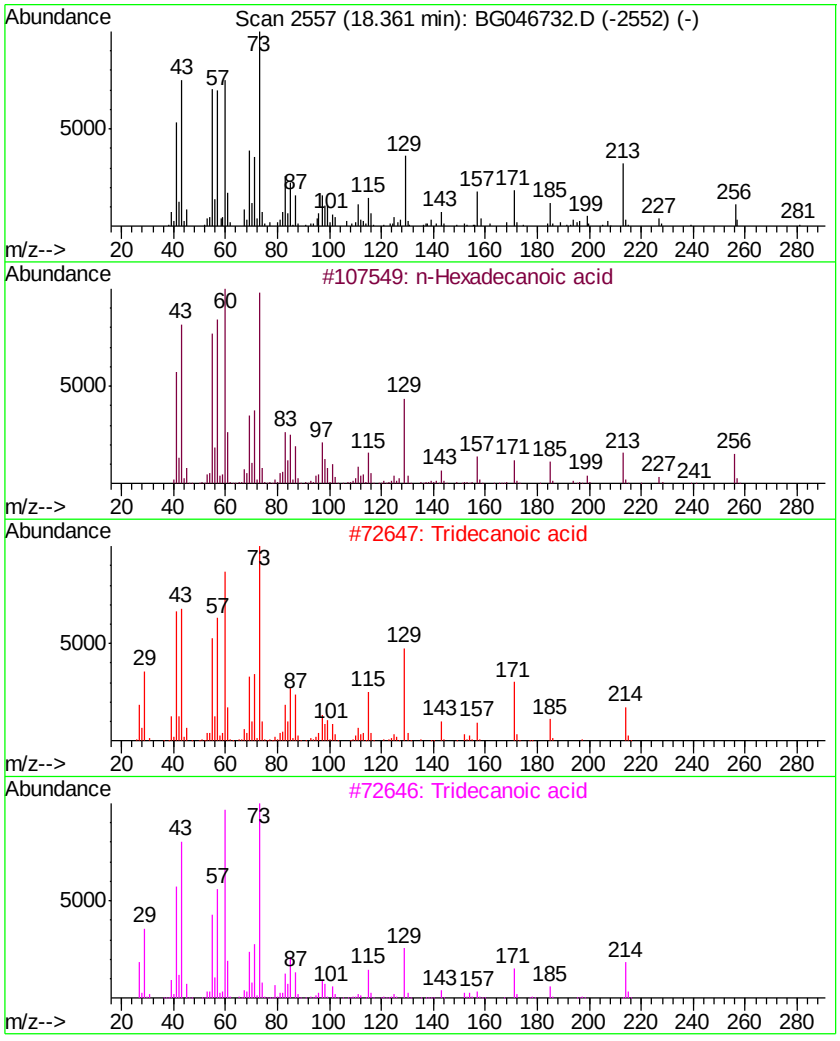
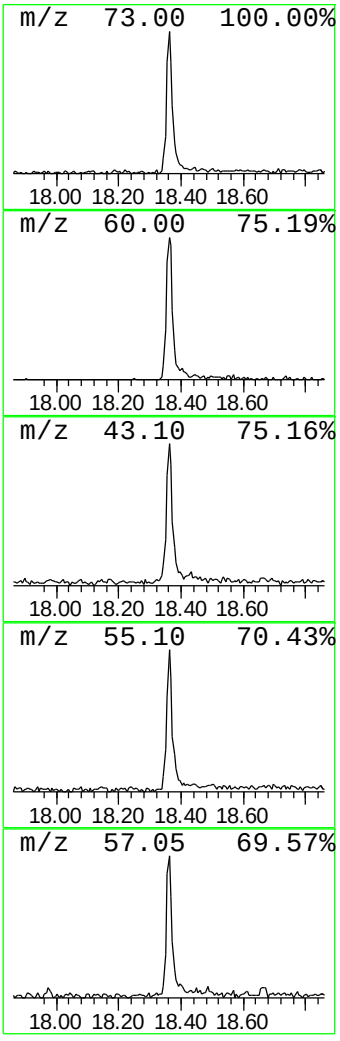
Peak Number 13 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	5.19 ng/ul	275030	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64





Library Search Compound Report

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Acq On : 2 Oct 2020 11:20
Operator : CG/JU
Sample : L4188-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BG0Q8

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Quant Title : SVOA CALIBRATION

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

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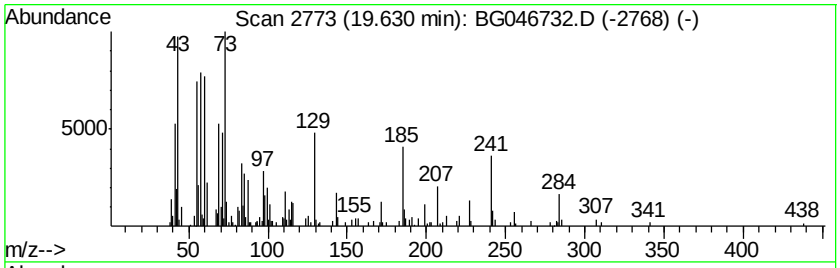
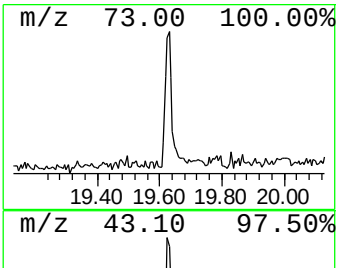
Peak Number 14 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	2.20 ng/ul	149066	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Octadecanoic acid	284	C18H36O2	000057-11-4	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	70
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	52





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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BG0Q8

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Quant Title : SVOA CALIBRATION

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

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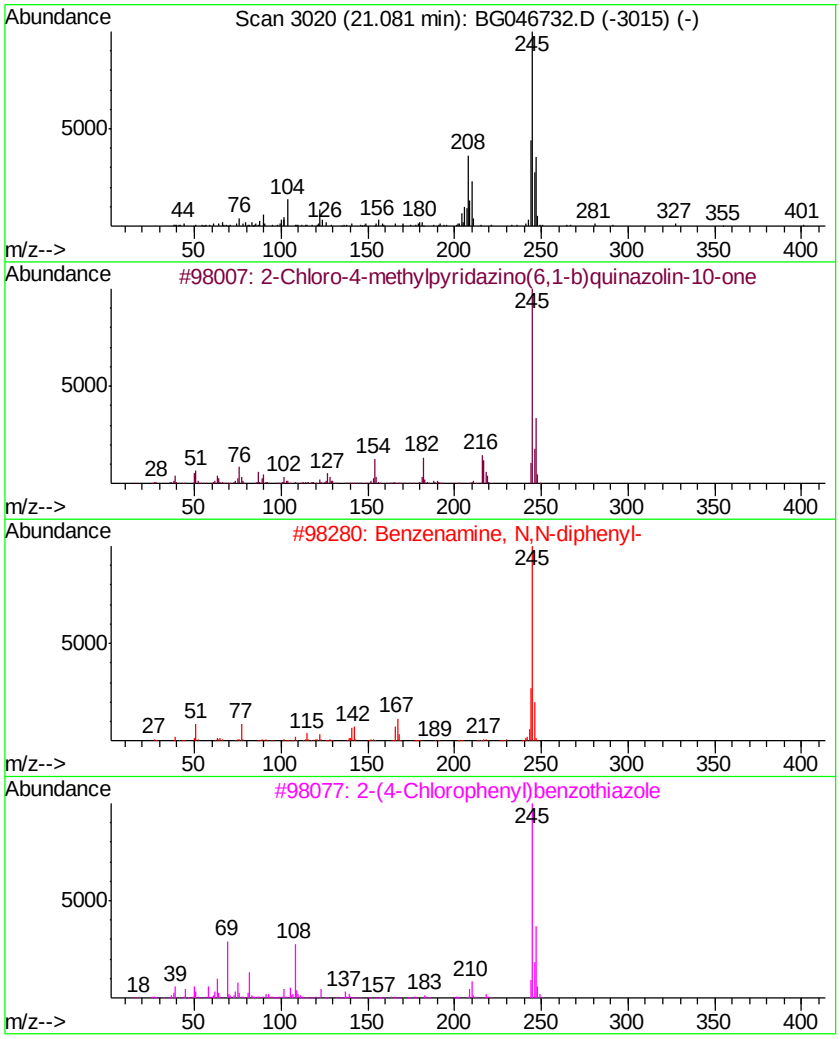
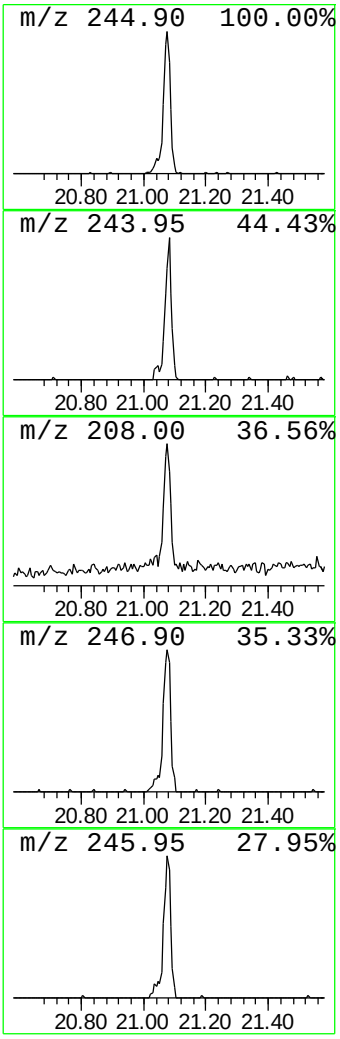
Peak Number 15 unknown-06 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	2.88 ng/ul	195407	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloro-4-methylpyridazino(6,1-...	245	C12H8ClN3O	001703-04-4	47
2	Benzenamine, N,N-diphenyl-	245	C18H15N	000603-34-9	43
3	2-(4-Chlorophenyl)benzothiazole	245	C13H8ClNS	006265-91-4	38
4	Naphth[2,3-b]azet-2(1H)-one, 1-p...	245	C17H11NO	019275-01-5	38
5	11H-Indeno[1,2-b]quinoline, 2,6-...	245	C18H15N	1000316-04-9	37





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Quant Title : SVOA CALIBRATION

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

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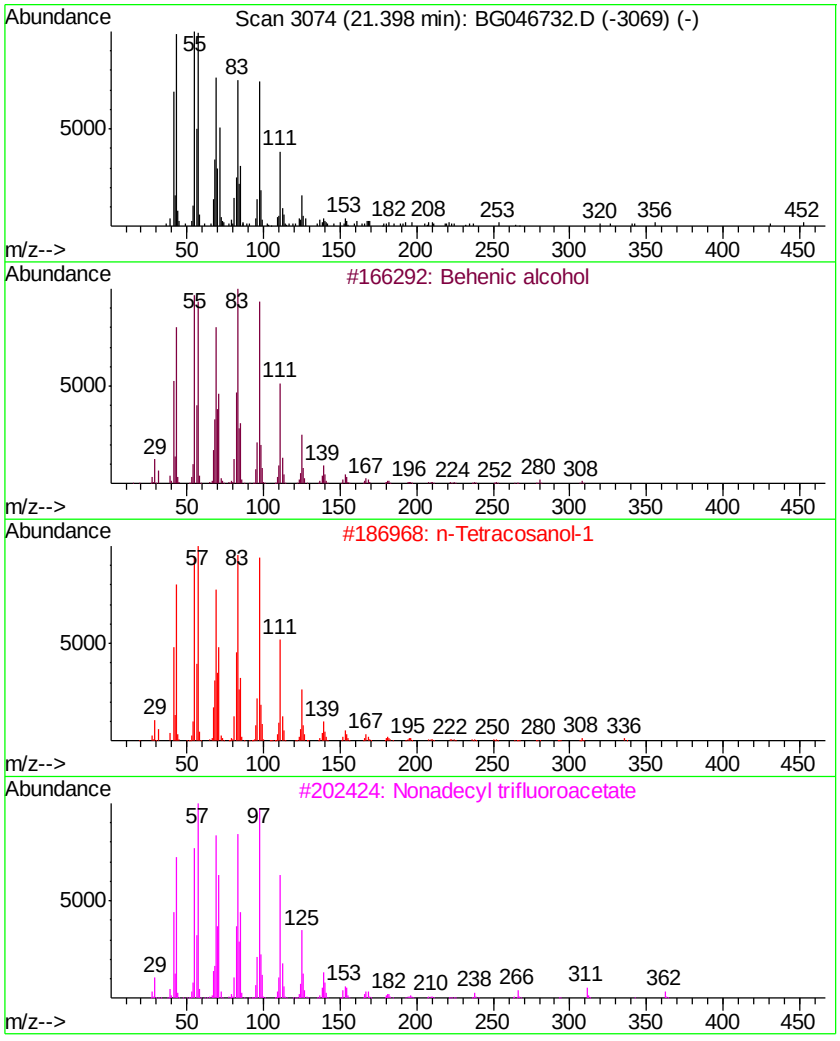
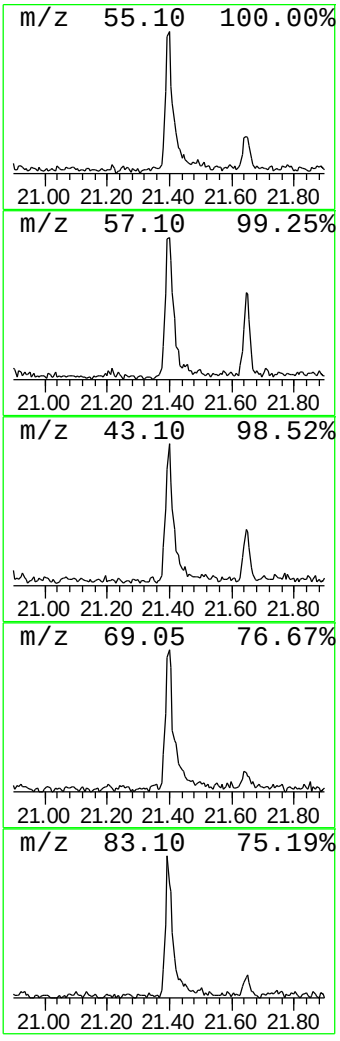
Peak Number 16 Behenic alcohol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	4.11 ng/ul	278528	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	91
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	87





Tentatively Identified Compound (LSC) summary

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Data File : BG046732.D
Acq On : 2 Oct 2020 11:20
Operator : CG/JU
Sample : L4188-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BG0Q8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.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
1-Butene, 2-chlor...	3.44	19.6	ng/ul	363035	1	8.11	369843	20.0
Dichloroacetic an...	3.64	4.0	ng/ul	74482	1	8.11	369843	20.0
unknown-01	4.79	69.1	ng/ul	1277740	1	8.11	369843	20.0
Butanoyl chloride...	5.09	5.1	ng/ul	94637	1	8.11	369843	20.0
unknown-02	5.29	5.5	ng/ul	101360	1	8.11	369843	20.0
Cyclohexanone	6.15	18.6	ng/ul	344918	1	8.11	369843	20.0
1-Chloro-2,4-difl...	9.38	13.8	ng/ul	255033	1	8.11	369843	20.0
6-Chloro-2,3-dihy...	10.67	3.1	ng/ul	78873	2	10.92	511570	20.0
Xenon	10.77	4.2	ng/ul	106343	2	10.92	511570	20.0
unknown-03	17.13	2.1	ng/ul	112495	4	17.48	1059930	20.0
unknown-04	17.66	3.0	ng/ul	157144	4	17.48	1059930	20.0
unknown-05	17.71	12.6	ng/ul	667205	4	17.48	1059930	20.0
n-Hexadecanoic acid	18.36	5.2	ng/ul	275030	4	17.48	1059930	20.0
Octadecanoic acid	19.63	2.2	ng/ul	149066	5	21.75	1355630	20.0
unknown-06	21.08	2.9	ng/ul	195407	5	21.75	1355630	20.0
Behenic alcohol	21.40	4.1	ng/ul	278528	5	21.75	1355630	20.0