LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046903.D
Acq On : 14 Oct 2020 21:49
Operator : CG/JU
Sample : L4209-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLWT0

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	3.423	10	14	21	rVV	75329	113934	4.75%	0.411%
2	3.517	25	30	35	rVB2	17702	22656	0.94%	0.082%
3	4.739	232	238	239	rBV2	7539	10128	0.42%	0.037%
4	4.774	239	244	251	rVV	463015	710446	29.61%	2.561%
5	5.074	291	295	303	rVB2	22889	37920	1.58%	0.137%
6	5.197	312	316	318	rBV3	4043	7232	0.30%	0.026%
7	5.279	325	330	337	rBV2	30873	48430	2.02%	0.175%
8	5.961	442	446	452	rBV3	5100	9366	0.39%	0.034%
9	6.126	467	474	479	rBV	16132	27070	1.13%	0.098%
10	7.248	657	665	674	rVB	134763	250249	10.43%	0.902%
11	7.418	688	694	703	rVV	260884	429905	17.92%	1.550%
12	7.500	703	708	714	rVB4	7104	14133	0.59%	0.051%
13	7.624	721	729	737	rBV	258626	464731	19.37%	1.675%
14	8.100	802	810	816	rBV	233438	393329	16.39%	1.418%
15	8.153	816	819	825	rVV6	6787	10416	0.43%	0.038%
16	8.793	921	928	935	rBV	185557	315109	13.13%	1.136%
17	8.963	950	957	966	rVB	45730	75814	3.16%	0.273%
18	9.257	996	1007	1015	rBV	350077	645697	26.91%	2.328%
19	9.369	1017	1026	1033	rBV	105580	182442	7.60%	0.658%
20	9.674	1071	1078	1085	rVB2	52620	80204	3.34%	0.289%
21	9.980	1123	1130	1137	rBV	300210	527538	21.99%	1.902%
22	10.520	1214	1222	1231	rBV	391438	697366	29.06%	2.514%
23	10.656	1239	1245	1247	rVV3	31443	56086	2.34%	0.202%
24	10.685	1247	1250	1257	rVV2	69434	122450	5.10%	0.441%
25	10.761	1257	1263	1269	rVV2	39029	68582	2.86%	0.247%
26	10.814	1269	1272	1278	rVV2	12304	20063	0.84%	0.072%
27	10.908	1280	1288	1295	rVB	308111	547118	22.80%	1.972%
28	11.032	1302	1309	1318	rBV	136442	264685	11.03%	0.954%
29	11.936	1457	1463	1473	rVB2	52467	95674	3.99%	0.345%
30	12.113	1488	1493	1498	rVV3	46393	86340	3.60%	0.311%
31	12.166	1498	1502	1508	rVB2	26743	36994	1.54%	0.133%
32	12.354	1525	1534	1541	rBV	86646	152959	6.37%	0.551%
33	12.589	1567	1574	1578	rVB3	6324	12302	0.51%	0.044%
34	12.876	1619	1623	1626	rVV4	11249	14372	0.60%	0.052%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046903.D
Acq On : 14 Oct 2020 21:49
Operator : CG/JU
Sample : L4209-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLWT0

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	13.129	1655	1666	1674	rBV5	70372	153325	6.39%	0.553%
36	13.394	1706	1711	1717	rVB4	16573	26229	1.09%	0.095%
37	13.523	1727	1733	1739	rBV	73561	116675	4.86%	0.421%
38	13.699	1757	1763	1768	rBV4	16773	25719	1.07%	0.093%
39	13.987	1806	1812	1819	rVV5	19548	35553	1.48%	0.128%
40	14.075	1819	1827	1828	rVV3	12371	21673	0.90%	0.078%
41	14.122	1828	1835	1840	rVV	980857	1430508	59.62%	5.157%
42	14.163	1840	1842	1846	rVV	58067	75648	3.15%	0.273%
43	14.216	1846	1851	1858	rVV	173351	266603	11.11%	0.961%
44	14.281	1858	1862	1868	rVB2	7781	11432	0.48%	0.041%
45	14.416	1875	1885	1891	rBV	558907	856482	35.69%	3.087%
46	14.721	1930	1937	1946	rVB	696561	1073266	44.73%	3.869%
47	14.898	1961	1967	1979	rVV	227925	381605	15.90%	1.376%
48	15.045	1984	1992	2001	rBV6	41163	87677	3.65%	0.316%
49	15.209	2015	2020	2024	rBV4	15951	25221	1.05%	0.091%
50	15.262	2024	2029	2037	rVV2	213789	325761	13.58%	1.174%
51	15.344	2037	2043	2048	rVB3	9774	20695	0.86%	0.075%
52	15.708	2094	2105	2115	rBV	1267872	2006464	83.62%	7.233%
53	15.820	2115	2124	2134	rBV	539698	810661	33.78%	2.922%
54	15.949	2140	2146	2152	rVB3	10428	18470	0.77%	0.067%
55	16.190	2180	2187	2199	rVB2	198529	309043	12.88%	1.114%
56	16.396	2215	2222	2232	rVV6	26185	48640	2.03%	0.175%
57	16.490	2232	2238	2244	rVB7	6850	10579	0.44%	0.038%
58	16.848	2295	2299	2303	rVV3	4759	7766	0.32%	0.028%
59	17.119	2338	2345	2354	rVB	54947	81198	3.38%	0.293%
60	17.330	2378	2381	2386	rVB5	15109	20774	0.87%	0.075%
61	17.465	2396	2404	2410	rBV	777398	1168940	48.72%	4.214%
62	17.565	2413	2421	2428	rVV	1150071	1721666	71.75%	6.206%
63	17.647	2428	2435	2438	rVV2	68848	111954	4.67%	0.404%
64	17.694	2438	2443	2453	rVV	340491	520640	21.70%	1.877%
65	17.782	2453	2458	2461	rVV6	13214	25508	1.06%	0.092%
66	17.835	2461	2467	2469	rVV5	4753	8922	0.37%	0.032%
67	18.276	2538	2542	2549	rVB3	26194	40714	1.70%	0.147%
68	18.341	2549	2553	2559	rBV2	111975	161880	6.75%	0.584%
69	18.405	2559	2564	2570	rVV2	43933	83596	3.48%	0.301%
70	18.681	2605	2611	2614	rBV7	8737	15777	0.66%	0.057%
71	18.834	2632	2637	2643	rBV3	34712	57260	2.39%	0.206%

LSC Area Percent Report

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Acq On : 14 Oct 2020 21:49
Operator : CG/JU
Sample : L4209-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLWT0

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	19.328	2718	2721	2727	rBV8	7195	12693	0.53%	0.046%
73	19.469	2741	2745	2750	rBV4	39718	64679	2.70%	0.233%
74	19.604	2765	2768	2772	rBV4	21418	30417	1.27%	0.110%
75	19.733	2784	2790	2794	rBV2	17523	32627	1.36%	0.118%
76	19.845	2802	2809	2817	rBV	1679907	2399518	100.00%	8.649%
77	20.274	2879	2882	2884	rBV4	7637	7985	0.33%	0.029%
78	20.338	2890	2893	2894	rBV2	8605	7555	0.31%	0.027%
79	20.844	2976	2979	2980	rBV3	8194	7790	0.32%	0.028%
80	20.920	2991	2992	2996	rBV4	7097	8546	0.36%	0.031%
81	21.026	3007	3010	3011	rBV3	18777	17854	0.74%	0.064%
82	21.061	3011	3016	3022	rVB	173421	258646	10.78%	0.932%
83	21.367	3063	3068	3080	rBV2	185222	309611	12.90%	1.116%
84	21.737	3124	3131	3137	rBV2	832114	1368649	57.04%	4.934%
85	21.784	3137	3139	3145	rVB7	30497	41929	1.75%	0.151%
86	21.925	3161	3163	3168	rBV6	18410	17696	0.74%	0.064%
87	22.342	3228	3234	3236	rBV4	35638	69525	2.90%	0.251%
88	22.459	3252	3254	3258	rBV5	6681	7637	0.32%	0.028%
89	22.553	3265	3270	3278	rBV8	17356	50053	2.09%	0.180%
90	22.765	3304	3306	3307	rBV2	9265	7828	0.33%	0.028%
91	23.247	3383	3388	3393	rBV6	37216	68828	2.87%	0.248%
92	23.623	3450	3452	3455	rBV4	6166	8292	0.35%	0.030%
93	24.069	3523	3528	3535	rVB4	41004	80575	3.36%	0.290%
94	24.780	3638	3649	3662	rVB2	810568	2301500	95.92%	8.296%
95	25.003	3676	3687	3700	rVB2	441082	1411133	58.81%	5.087%
96	25.644	3794	3796	3800	rVB4	7045	9675	0.40%	0.035%
97	26.179	3881	3887	3889	rBV6	38402	69551	2.90%	0.251%
98	27.577	4114	4125	4140	rBV7	78326	301059	12.55%	1.085%
99	29.222	4397	4405	4406	rBV8	24573	45349	1.89%	0.163%
100	31.214	4742	4744	4745	rBV2	12085	8306	0.35%	0.030%

Sum of corrected areas: 27741770

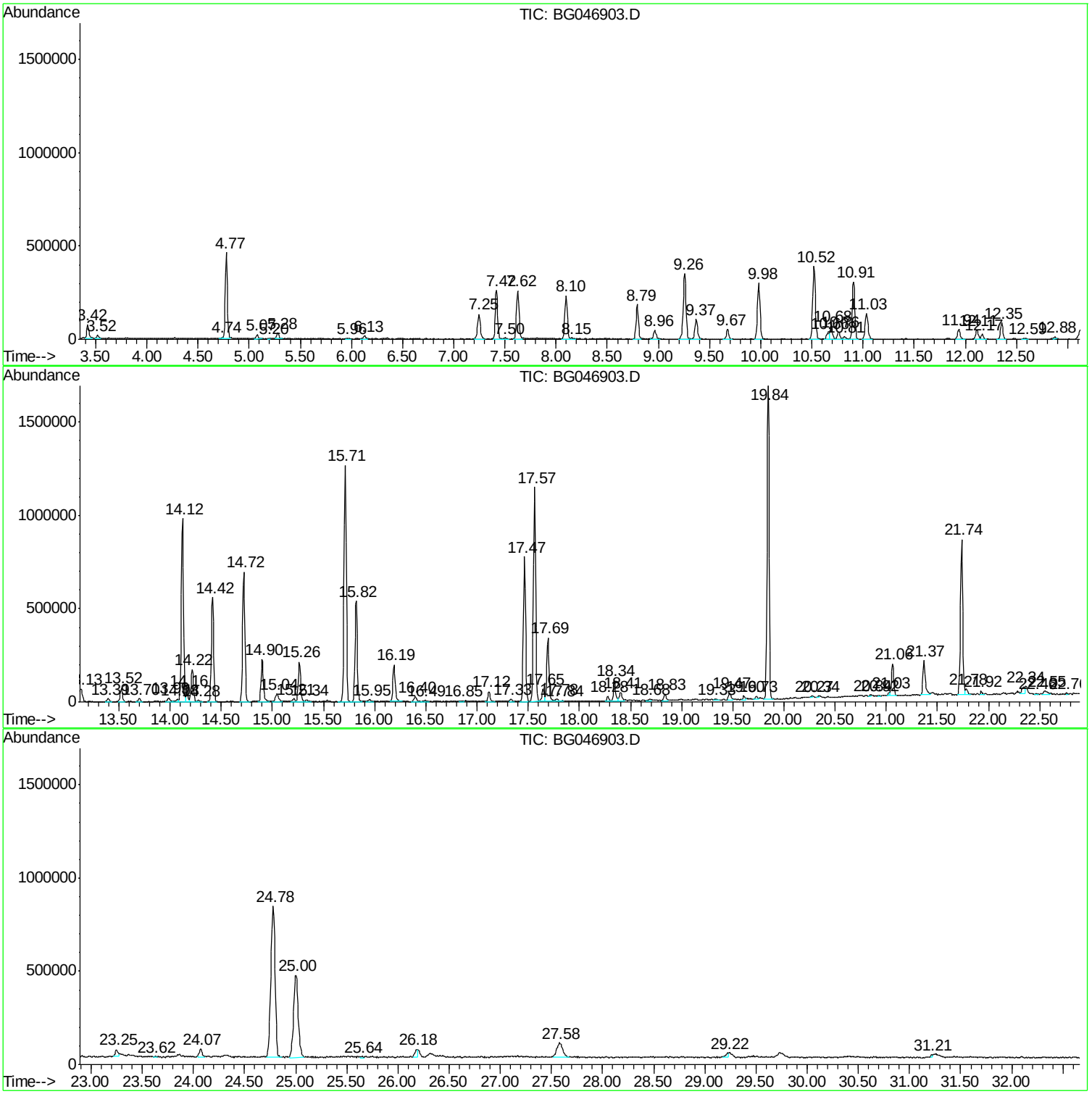
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046903.D
Acq On : 14 Oct 2020 21:49
Operator : CG/JU
Sample : L4209-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLWT0

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046903.D
Acq On : 14 Oct 2020 21:49
Operator : CG/JU
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Misc :
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Instrument : BNA_G
ClientSampleId : JLWT0

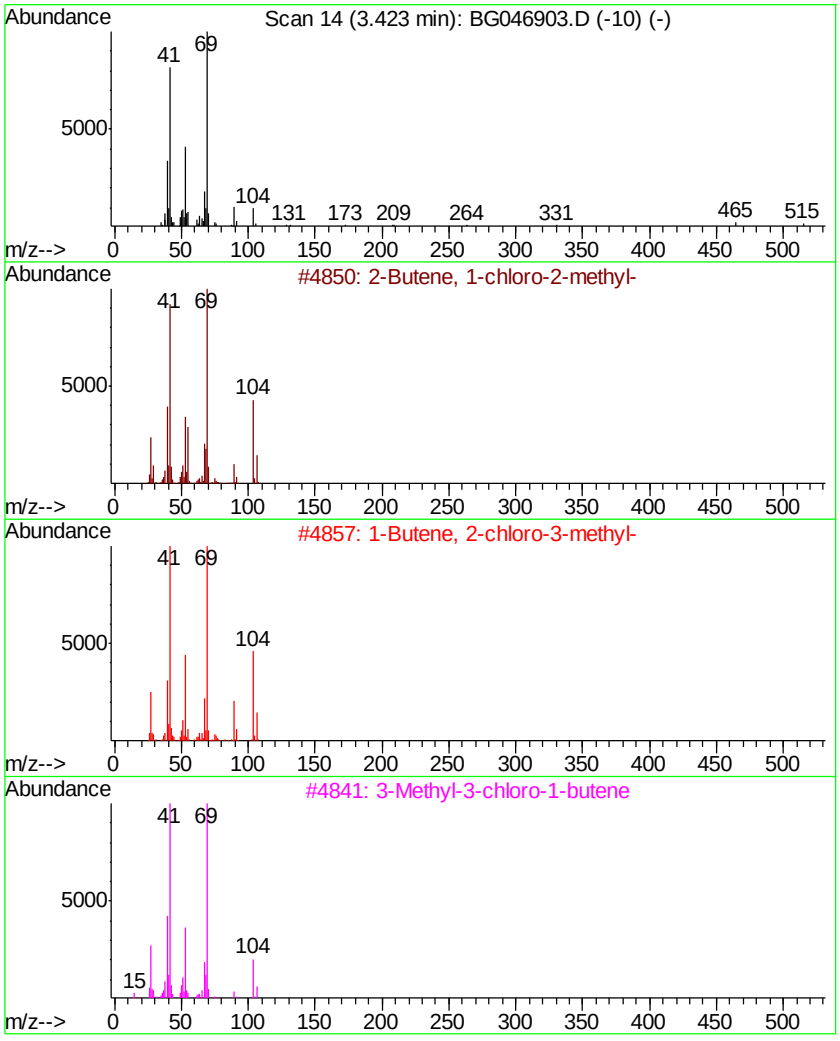
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

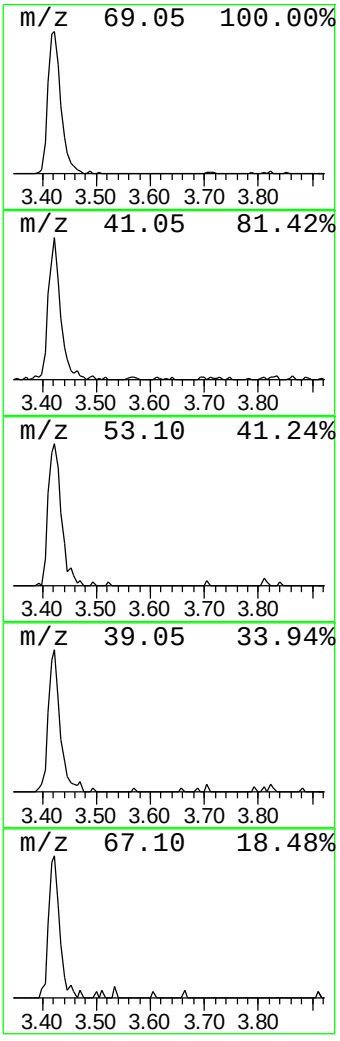
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Butene, 1-chloro-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.42	5.79 ng/ul	113934	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 1-chloro-2-methyl-	104	C5H9Cl	013417-43-1	90
2	1-Butene, 2-chloro-3-methyl-	104	C5H9Cl	017773-64-7	87
3	3-Methyl-3-chloro-1-butene	104	C5H9Cl	002190-48-9	87
4	2-Butene, 1-chloro-2-methyl-	104	C5H9Cl	013417-43-1	86
5	3-Methyl-3-chloro-1-butene	104	C5H9Cl	002190-48-9	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
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Acq On : 14 Oct 2020 21:49
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Sample : L4209-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLWT0

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

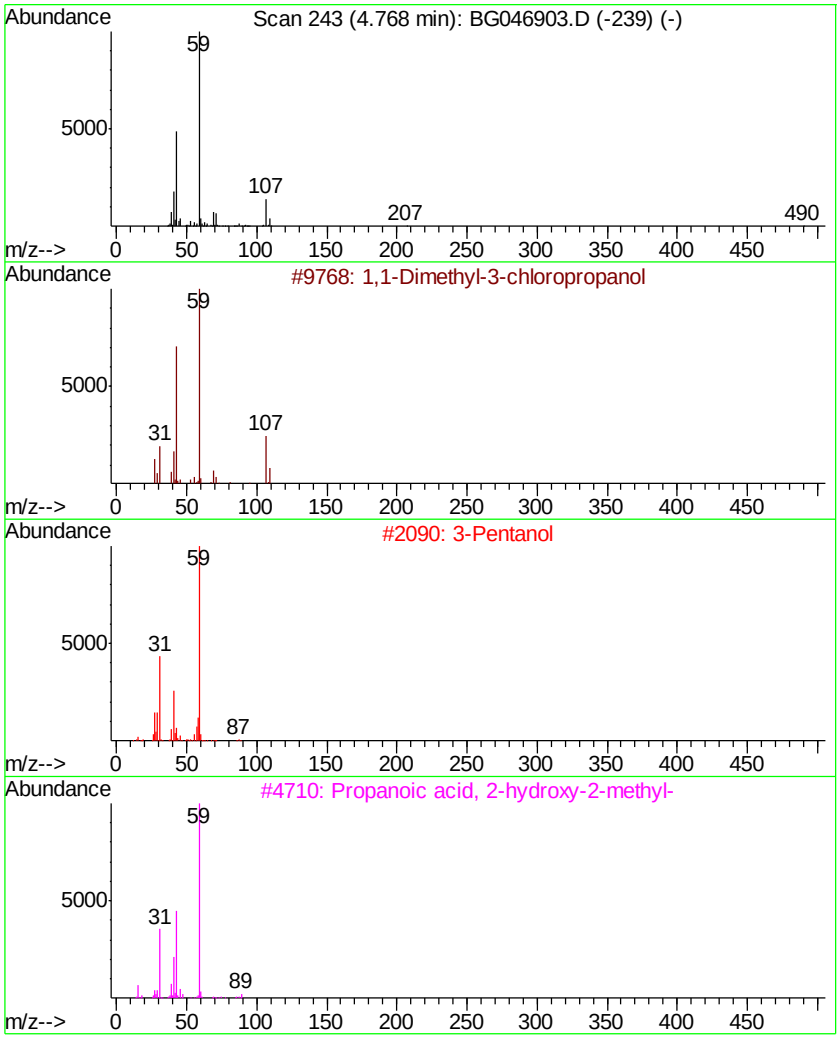
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

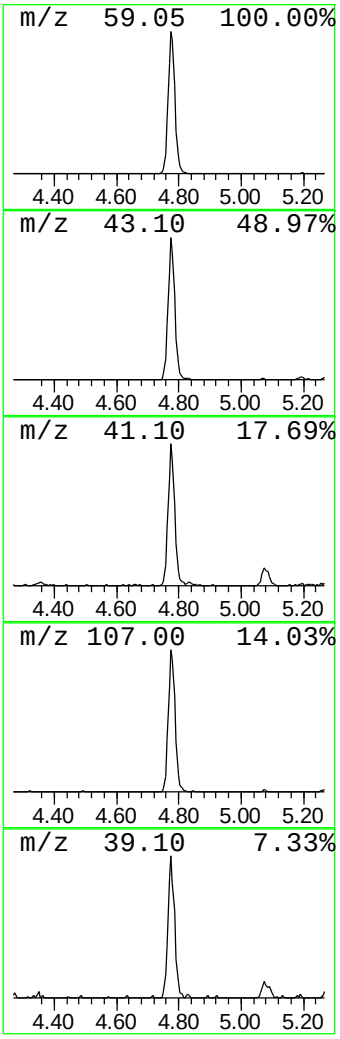
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	36.12 ng/ul	710446	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Dimethyl-3-chloropropanol	122	C5H11ClO	001985-88-2	64
2	3-Pentanol	88	C5H12O	000584-02-1	42
3	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	42
4	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	42
5	1,2-Butanediol	90	C4H10O2	000584-03-2	36





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : JLWT0

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

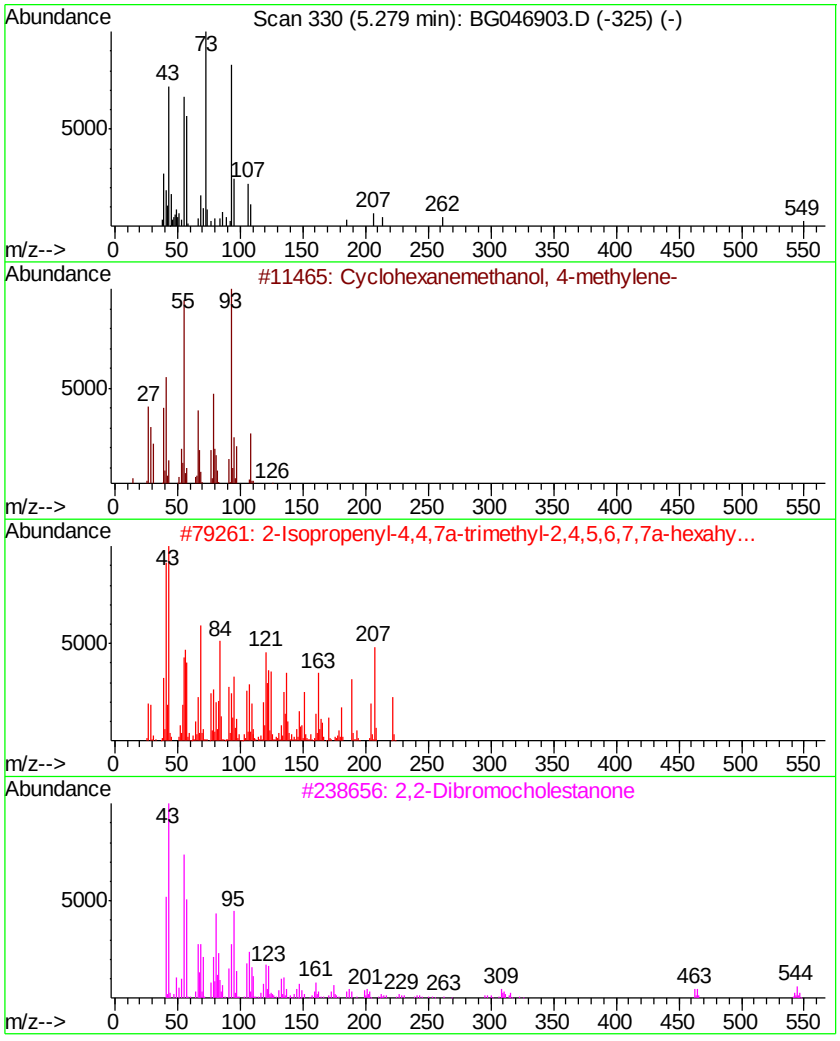
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

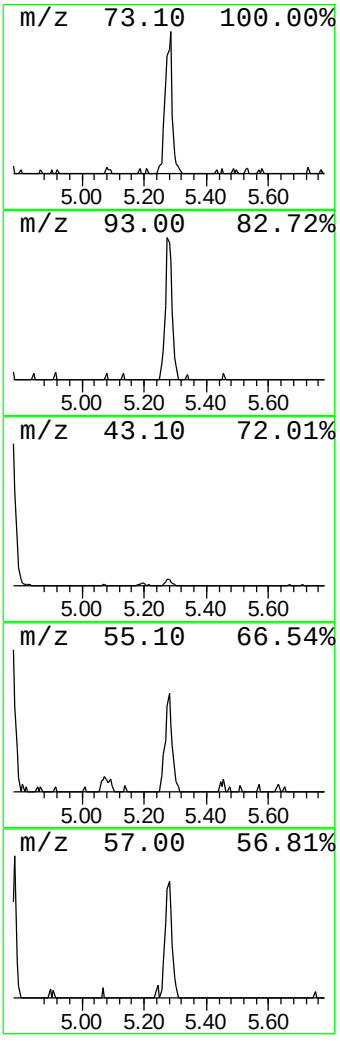
****

Peak Number 3 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.28	2.46 ng/ul	48430	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, 4-methylene-	126	C8H14O	001004-24-6	9
2	2-Isopropenyl-4,4,7a-trimethyl-2...	222	C14H22O2	1000189-13-5	9
3	2,2-Dibromocholestanone	542	C27H44Br2O	097370-79-1	9
4	Ethanol, 2-((2-chloroethyl)ethyl...	151	C6H14ClNO	004669-20-9	9
5	7-Oxabicyclo[4.1.0]heptane, 1-me...	168	C10H16O2	000096-08-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046903.D
Acq On : 14 Oct 2020 21:49
Operator : CG/JU
Sample : L4209-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLWT0

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

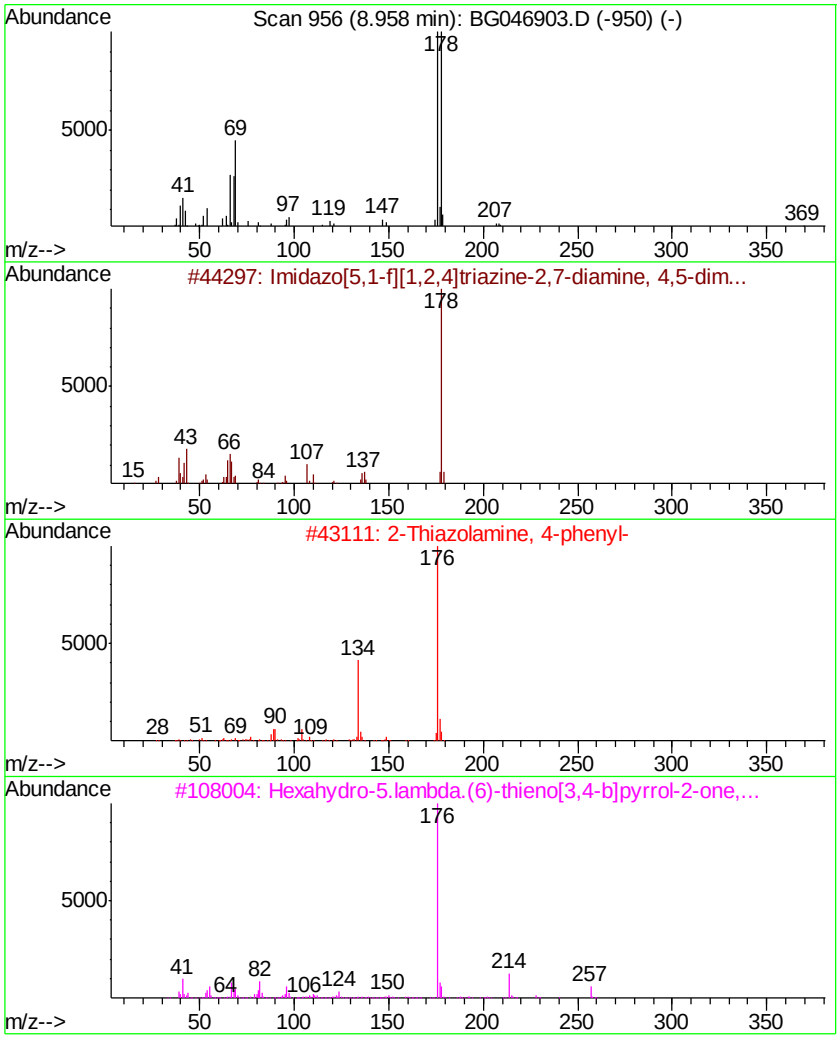
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

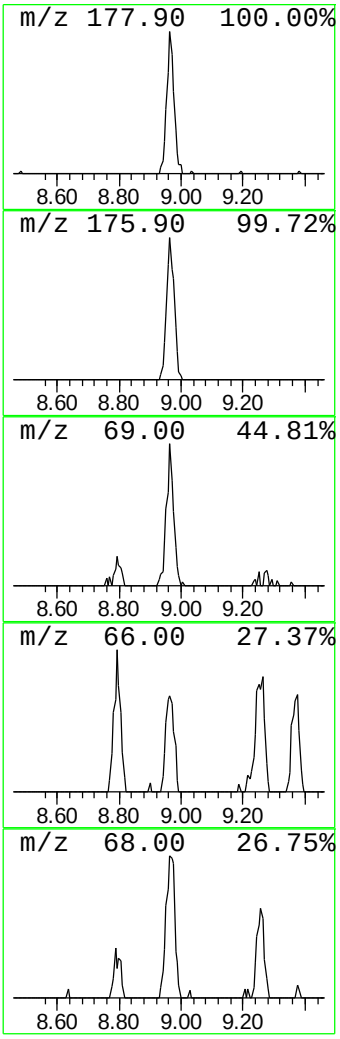
****

Peak Number 4 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	3.85 ng/ul	75814	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazo[5,1-f][1,2,4]triazine-2,...	178	C7H10N6	050473-86-4	25
2	2-Thiazolamine, 4-phenyl-	176	C9H8N2S	002010-06-2	14
3	Hexahydro-5.lambda.(6)-thieno[3,...	257	C12H19NO3S	1000303-88-8	10
4	[1,2,4]Triazolo[1,5-a]pyridine, ...	178	C7H6N4O2	007169-91-7	10
5	(Decahydro-isoquinolin-3-ylidene...	176	C11H16N2	1000185-70-0	9





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Data File : BG046903.D
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Operator : CG/JU
Sample : L4209-05
Misc :
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Instrument : BNA_G
ClientSampleId : JLWT0

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

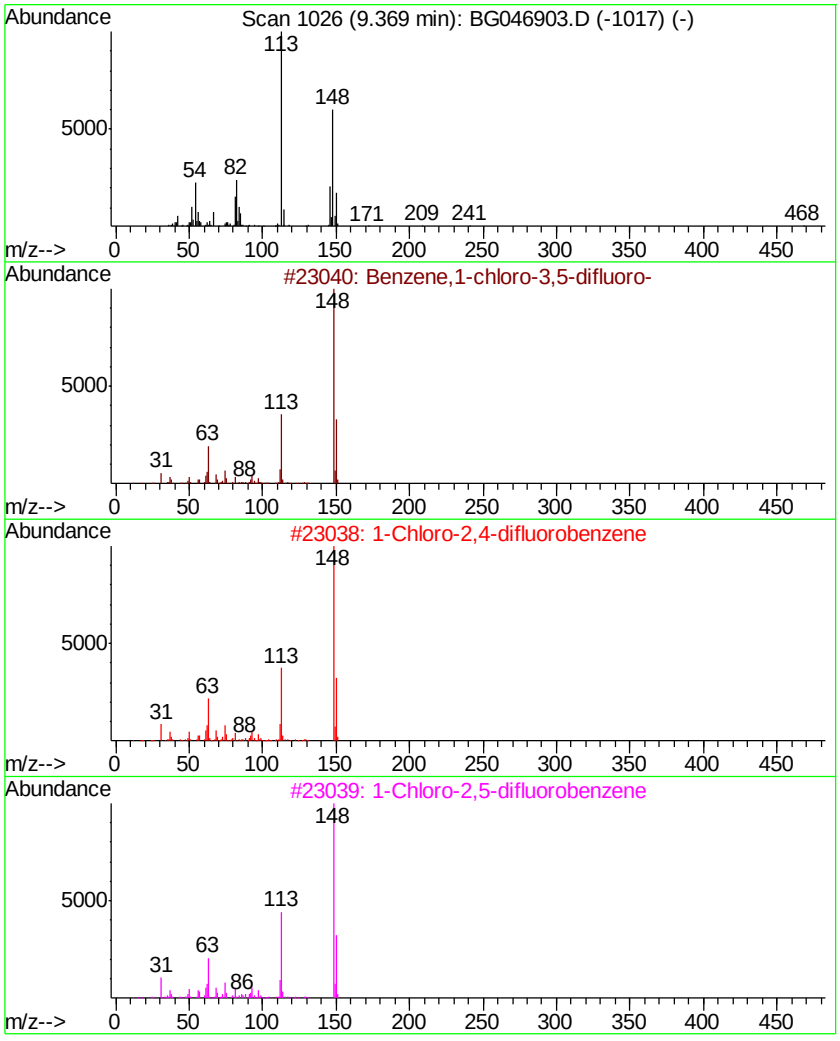
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

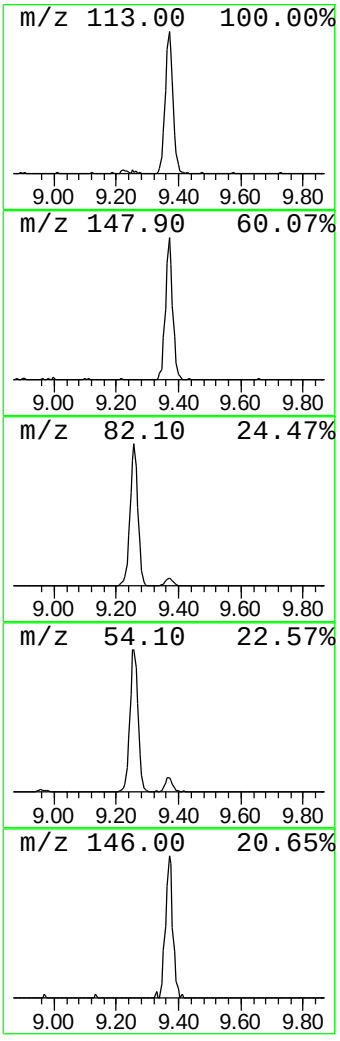
****

Peak Number 5 Benzene,1-chloro-3,5-difluoro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	9.28 ng/ul	182442	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,1-chloro-3,5-difluoro-	148	C6H3ClF2	001435-43-4	50
2	1-Chloro-2,4-difluorobenzene	148	C6H3ClF2	001435-44-5	50
3	1-Chloro-2,5-difluorobenzene	148	C6H3ClF2	002367-91-1	40
4	Pyrimidine, 2-fluoro-4-amino-	113	C4H4FN3	096548-91-3	27
5	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	25





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Acq On : 14 Oct 2020 21:49
Operator : CG/JU
Sample : L4209-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLWT0

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Quant Title : SVOA CALIBRATION

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

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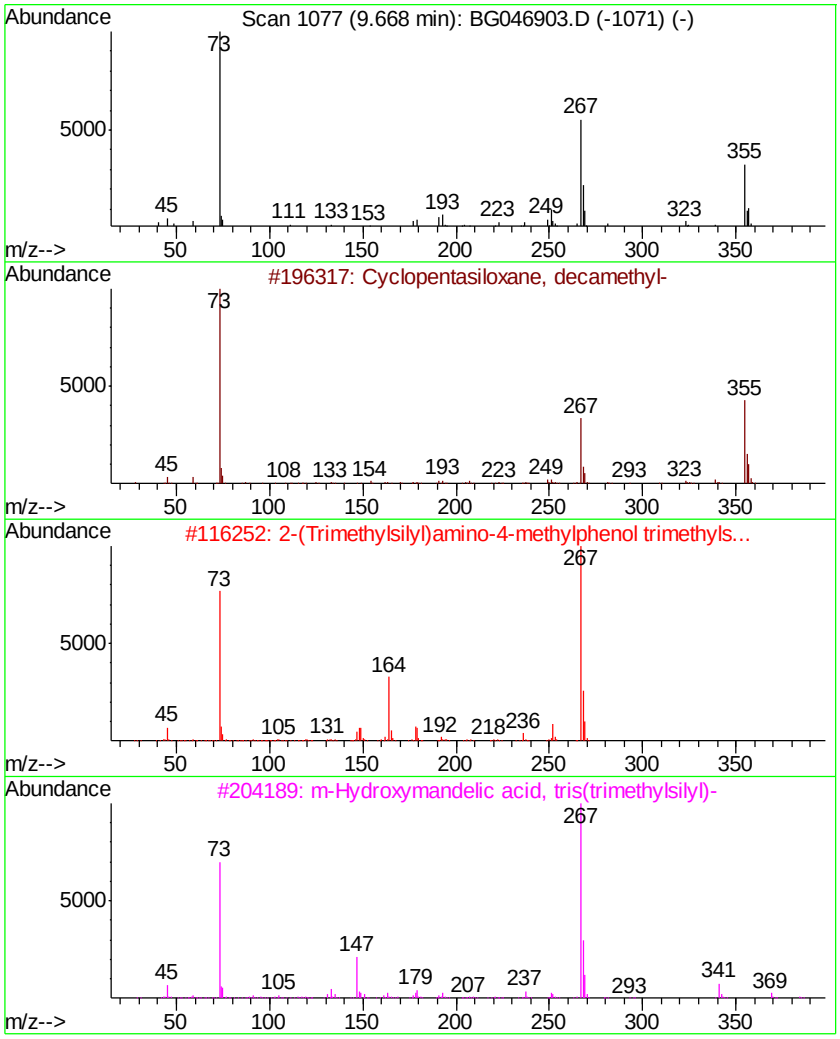
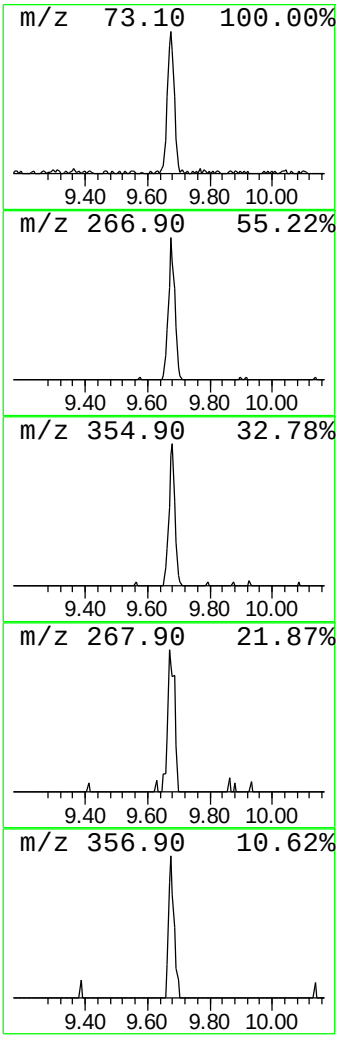
Peak Number 6 unknown-03 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	2.93 ng/ul	80204	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	49
2	2-(Trimethylsilyl)amino-4-methyl...	267	C13H25NOSi2	1000373-28-1	47
3	m-Hydroxymandelic acid, tris(tri...	384	C17H32O4Si3	068595-69-7	47
4	3-Amino-2-phenazinol ditms	355	C18H25N3OSi2	1000332-15-5	43
5	3-Hydroxymandelic acid, ethyl es...	340	C16H28O4Si2	1000071-88-9	38





Library Search Compound Report

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ClientSampleId : JLWT0

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Quant Title : SVOA CALIBRATION

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

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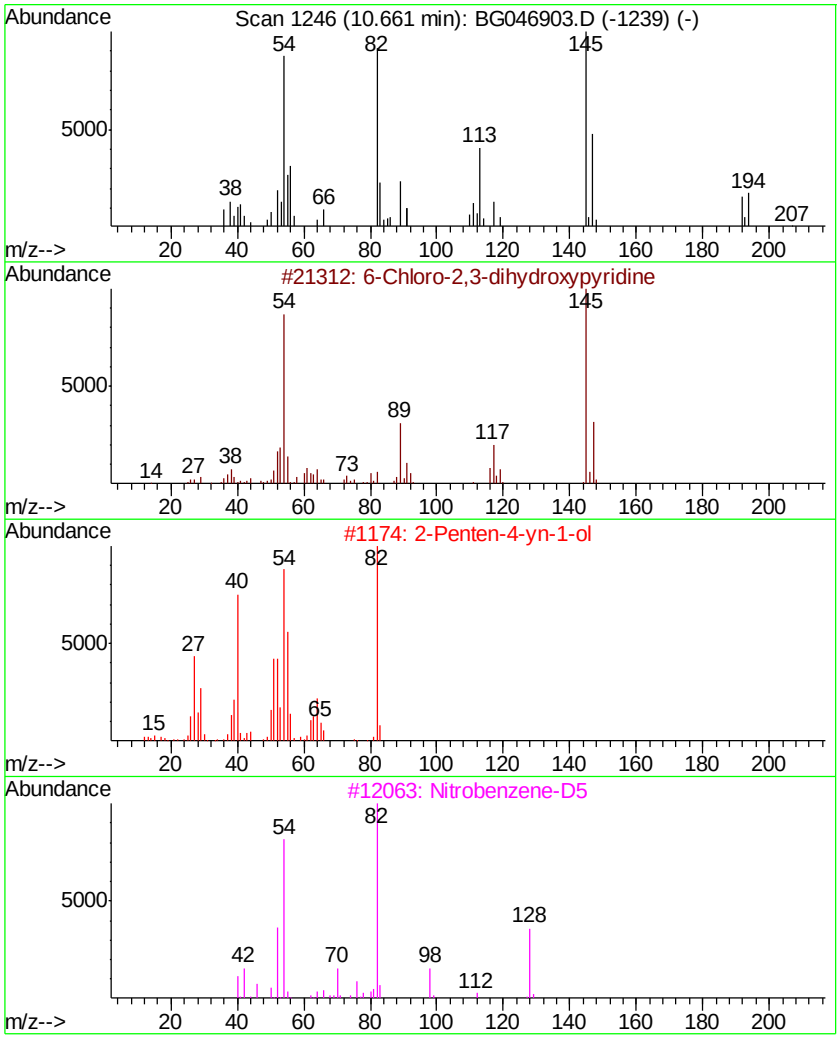
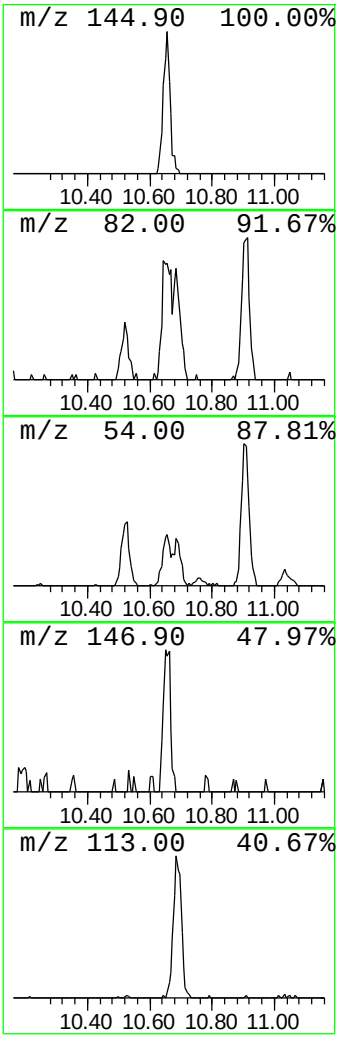
Peak Number 7 6-Chloro-2,3-dihydroxypyridine Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	2.05 ng/ul	56086	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Chloro-2,3-dihydroxypyridine	145	C5H4ClNO2	1000341-18-9	64
2	2-Penten-4-yn-1-ol	82	C5H6O	005557-88-0	59
3	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	45
4	1,5-Cyclododecadiene, (E,E)-	164	C12H20	001684-05-5	43
5	CH3CHClCN	89	C3H4ClN	001617-17-0	37





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLWT0

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Quant Title : SVOA CALIBRATION

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

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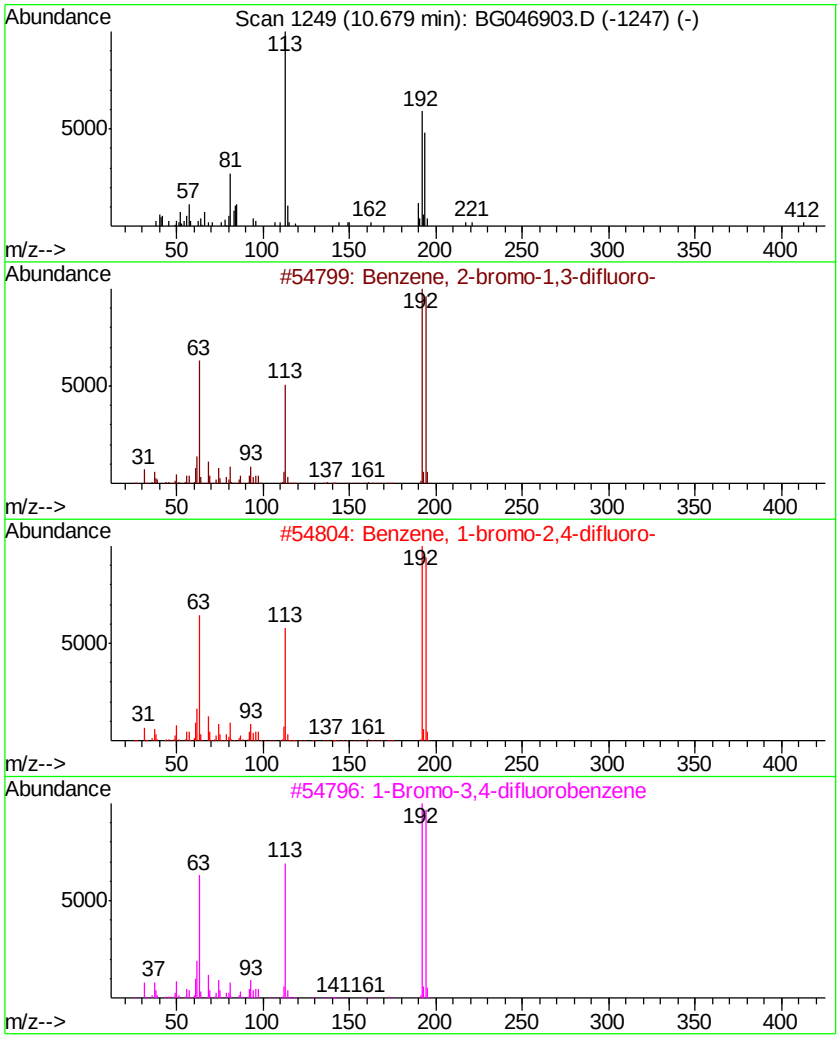
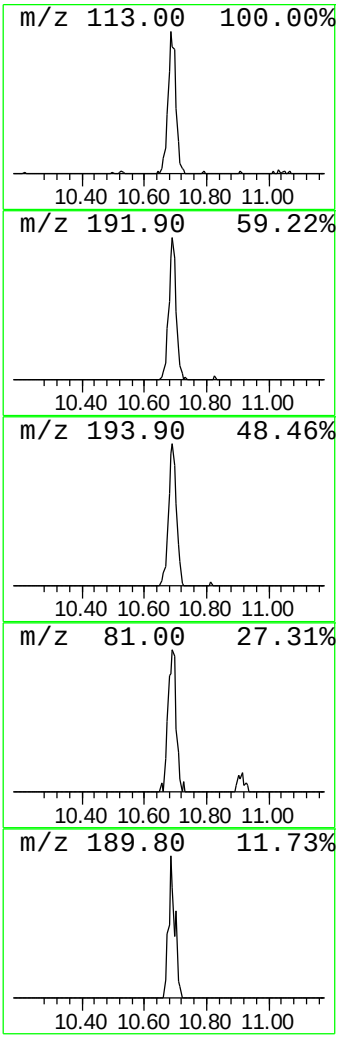
Peak Number 8 Benzene, 2-bromo-1,3-difluoro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	4.48 ng/ul	122450	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-bromo-1,3-difluoro-	192	C6H3BrF2	064248-56-2	72
2	Benzene, 1-bromo-2,4-difluoro-	192	C6H3BrF2	000348-57-2	64
3	1-Bromo-3,4-difluorobenzene	192	C6H3BrF2	000348-61-8	64
4	1-Bromo-3,4-difluorobenzene	192	C6H3BrF2	000348-61-8	56
5	Benzene, 1-bromo-2,4-difluoro-	192	C6H3BrF2	000348-57-2	50





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Operator : CG/JU
Sample : L4209-05
Misc :
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Instrument : BNA_G
ClientSampleId : JLWT0

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Quant Title : SVOA CALIBRATION

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

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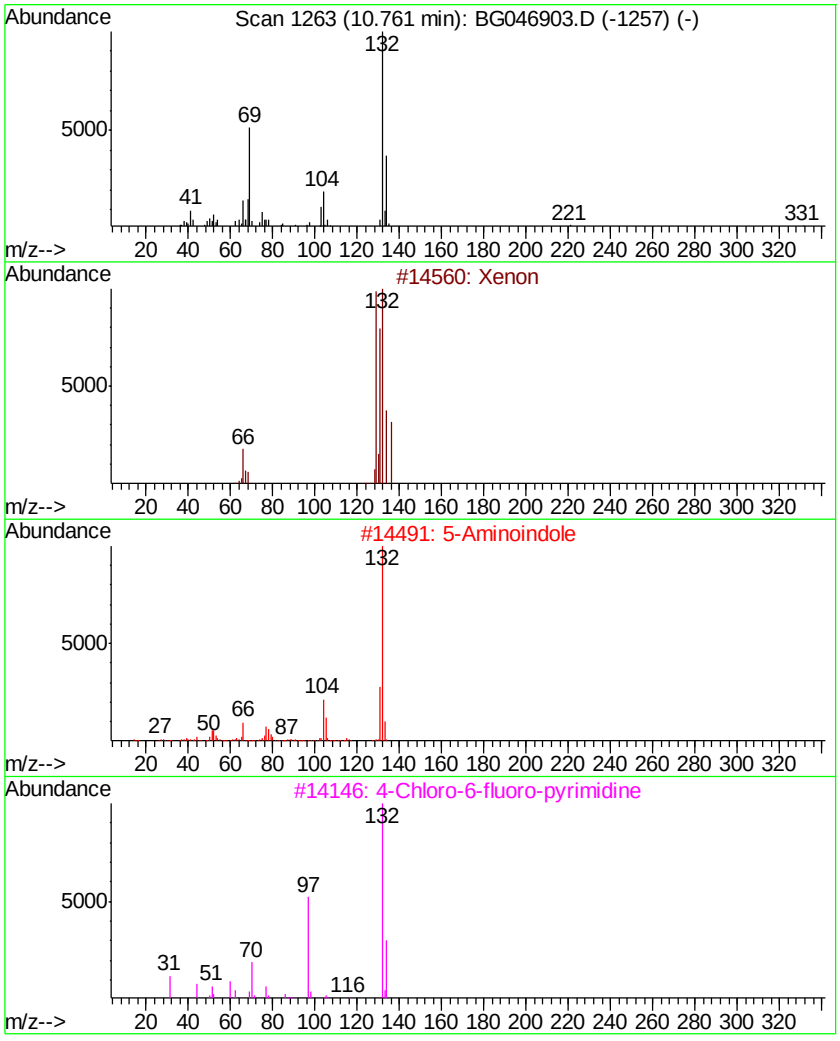
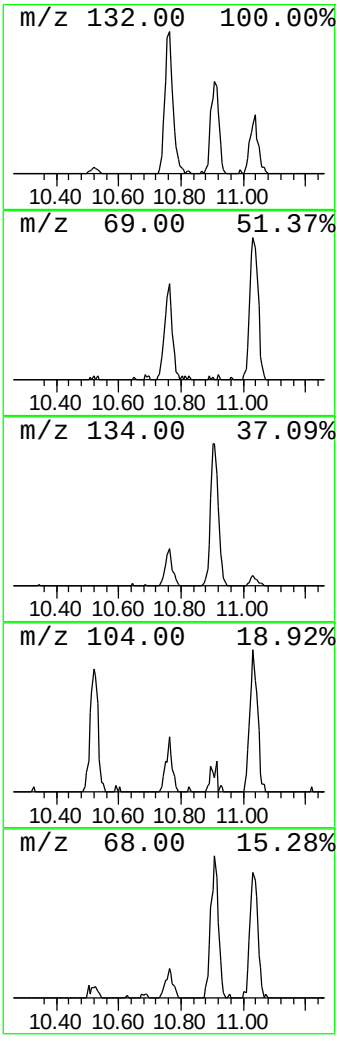
Peak Number 9 Xenon Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	2.51 ng/ul	68582	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Xenon	132	Xe	007440-63-3	59
2	5-Aminoindole	132	C8H8N2	005192-03-0	58
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	53
4	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	53
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	53





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Operator : CG/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLWT0

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Quant Title : SVOA CALIBRATION

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

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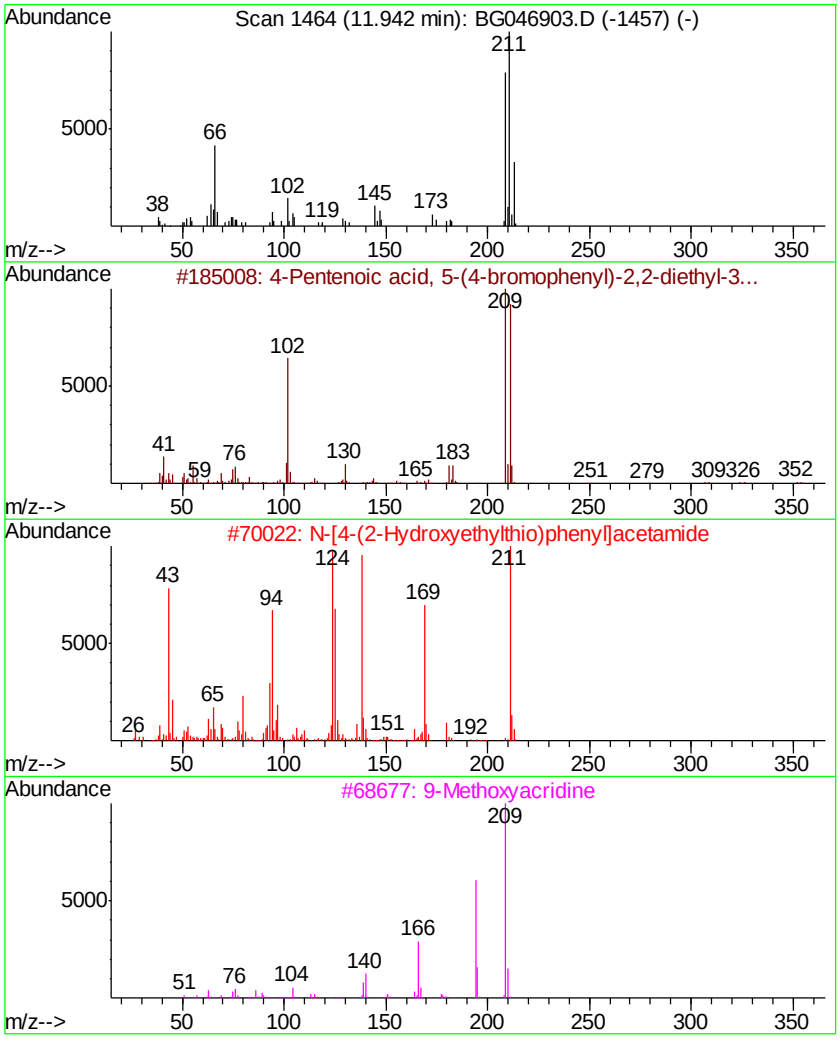
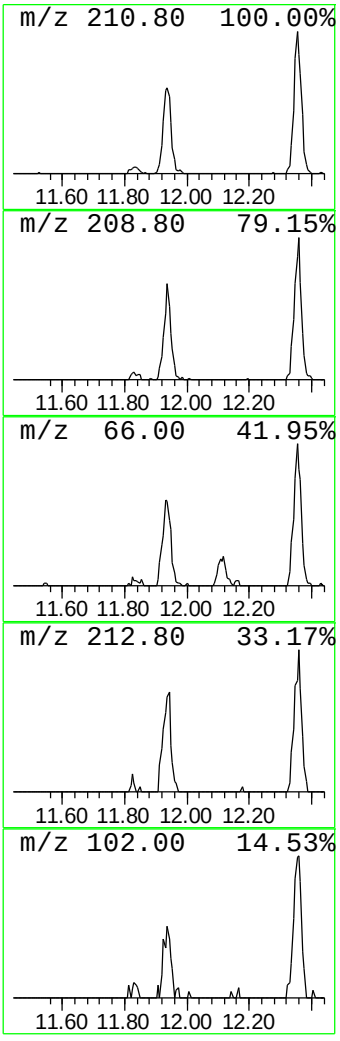
Peak Number 10 unknown-04 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	3.50 ng/ul	95674	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pentenoic acid, 5-(4-bromophen...	352	C17H21BrO3	302941-31-7	25
2	N-[4-(2-Hydroxyethylthio)phenyl]...	211	C10H13NO2S	040179-29-1	10
3	9-Methoxyacridine	209	C14H11NO	010228-90-7	9
4	1-Methyl-acridone	209	C14H11NO	065753-71-1	9
5	4-Amino-6-nitro-benzo[d]isothiaz...	211	C7H5N3O3S	1000297-15-6	9





Library Search Compound Report

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Operator : CG/JU
Sample : L4209-05
Misc :
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Quant Title : SVOA CALIBRATION

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

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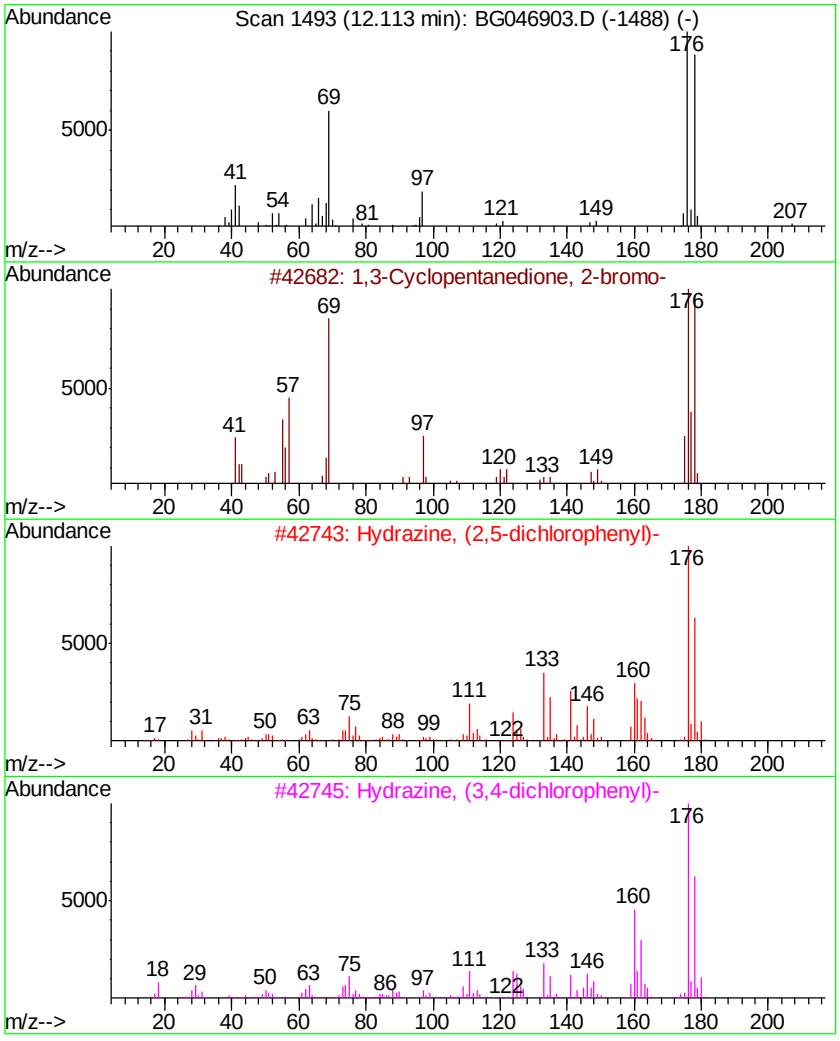
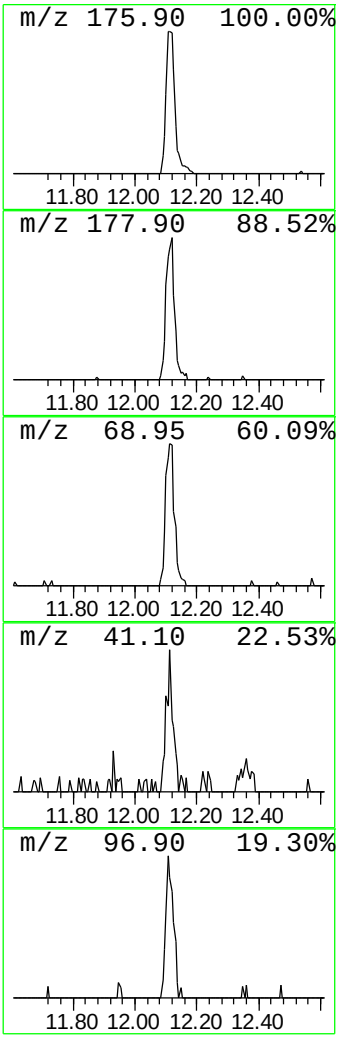
Peak Number 11 1,3-Cyclopentanedione, 2-br... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	3.16 ng/ul	86340	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-bromo-	176	C5H5BrO2	014203-24-8	72
2	Hydrazine, (2,5-dichlorophenyl)-	176	C6H6Cl2N2	000305-15-7	59
3	Hydrazine, (3,4-dichlorophenyl)-	176	C6H6Cl2N2	013124-18-0	59
4	Hydrazine, (2,4-dichlorophenyl)-	176	C6H6Cl2N2	013123-92-7	45
5	Hydrazine, (2,6-dichlorophenyl)-	176	C6H6Cl2N2	014763-24-7	45





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Operator : CG/JU
Sample : L4209-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLWT0

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Quant Title : SVOA CALIBRATION

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

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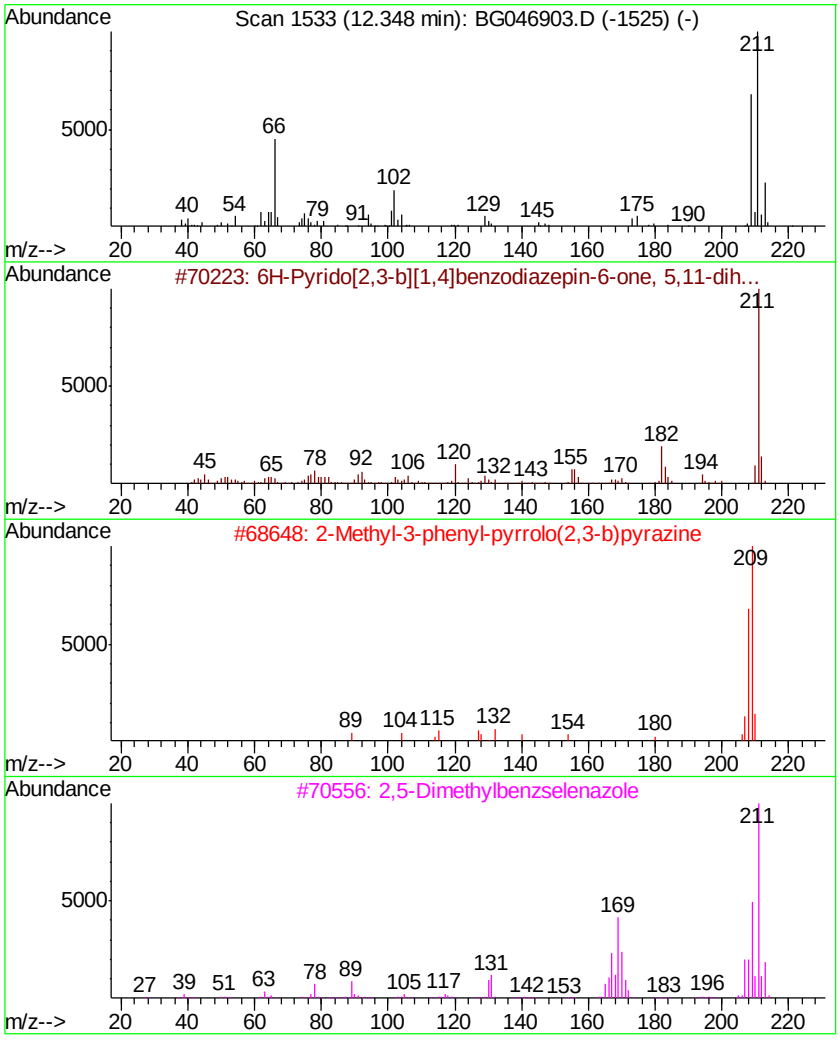
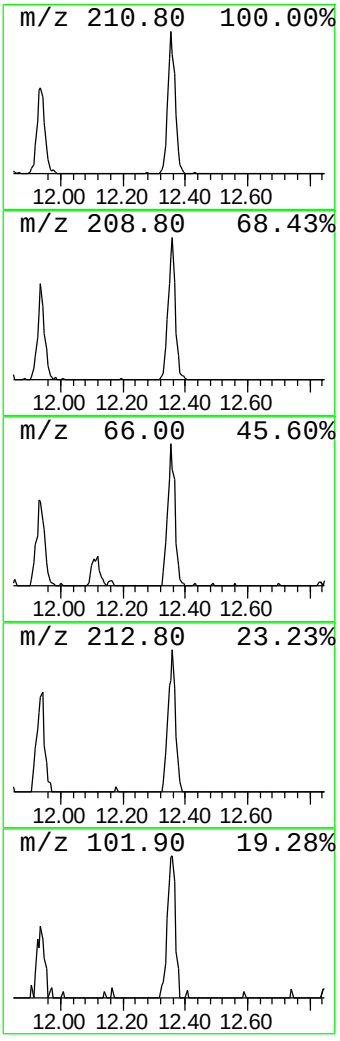
Peak Number 12 unknown-05 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	5.59 ng/ul	152959	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Pyrido[2,3-b][1,4]benzodiazep...	211	C12H9N3O	000885-70-1	10
2	2-Methyl-3-phenyl-pyrrolo(2,3-b)...	209	C13H11N3	056015-25-9	9
3	2,5-Dimethylbenzselenazole	211	C9H9NSe	002818-89-5	9
4	Dimethyl bicyclo[2.2.1]-2,5-hept...	208	C11H12O4	000947-57-9	9
5	2-Oxo-4-cyano[1,2,4]oxadiazolo[2...	211	C11H5N3O2	1000255-12-8	9





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Instrument : BNA_G
ClientSampleId : JLWT0

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Quant Title : SVOA CALIBRATION

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

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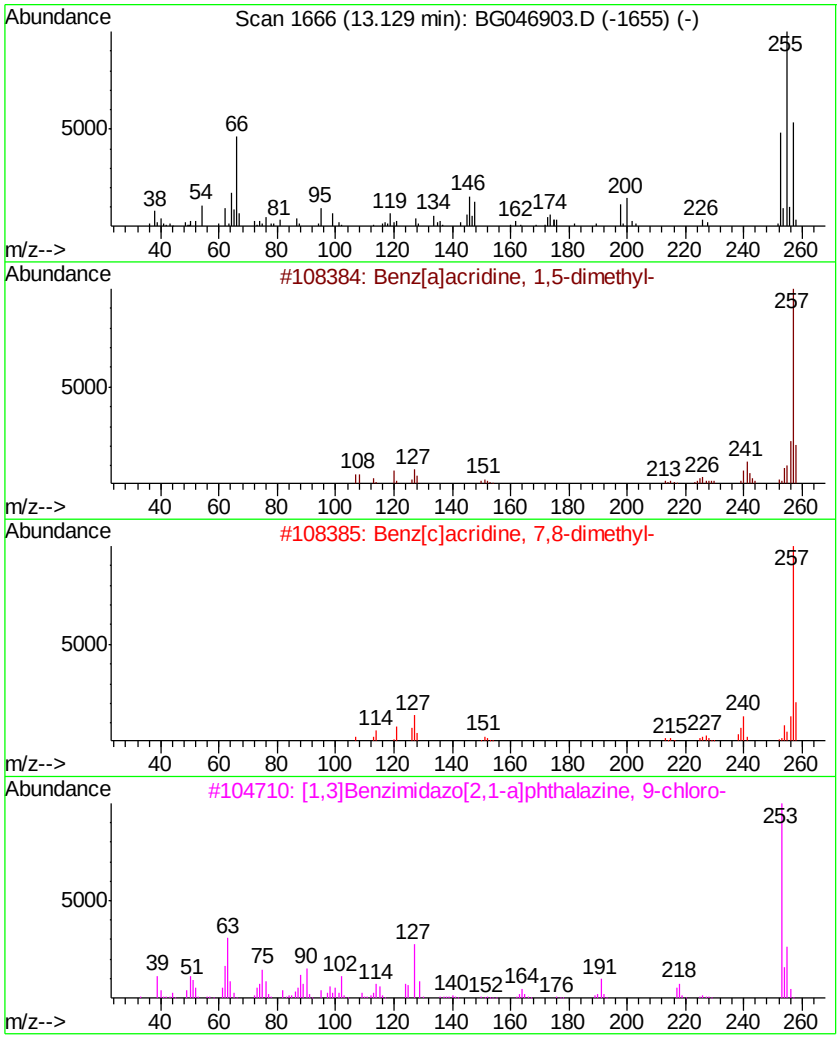
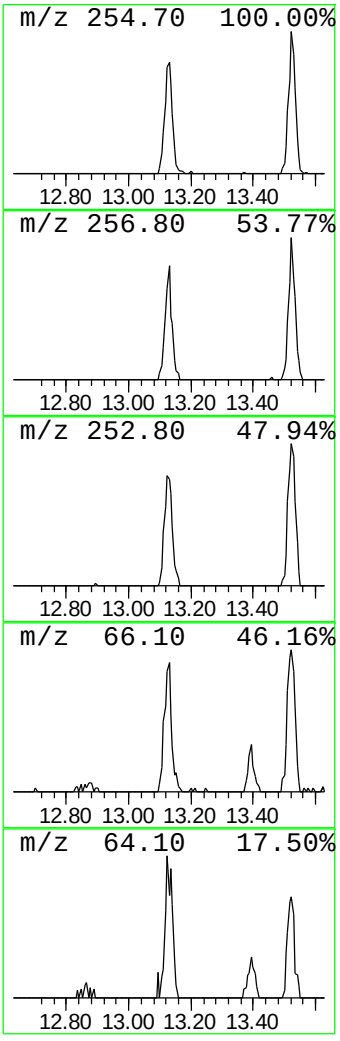
Peak Number 13 unknown-06 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	2.86 ng/ul	153325	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]acridine, 1,5-dimethyl-	257	C19H15N	055030-47-2	9
2	Benz[c]acridine, 7,8-dimethyl-	257	C19H15N	003518-01-2	9
3	[1,3]Benzimidazo[2,1-a]phthalazi...	253	C14H8ClN3	1000319-23-2	9
4	Benz[c]acridine, 7,10-dimethyl-	257	C19H15N	002381-40-0	9
5	Dimethyl bicyclo[2.2.1]-2,5-hept...	208	C11H12O4	000947-57-9	9





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Quant Title : SVOA CALIBRATION

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

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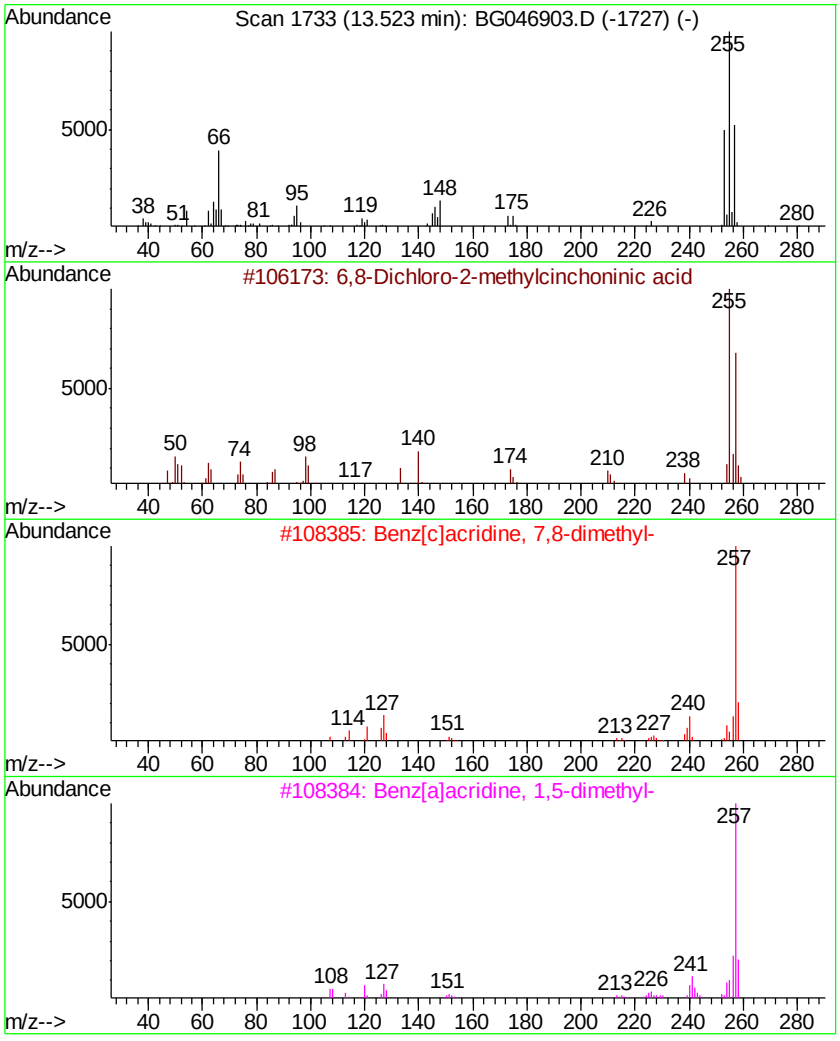
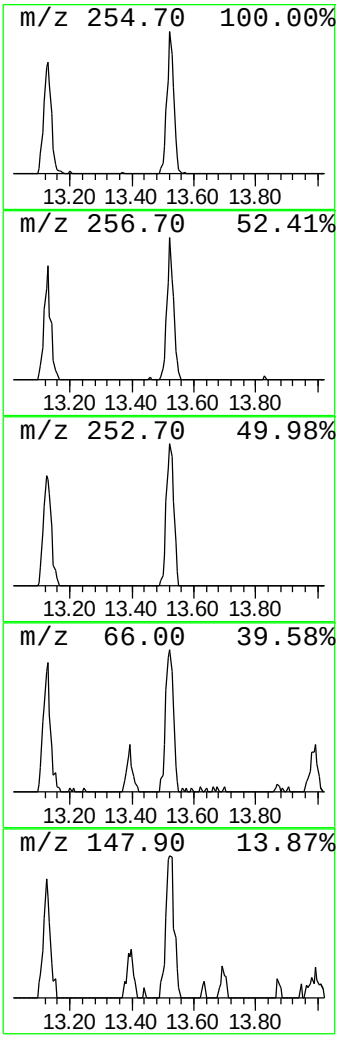
Peak Number 14 unknown-07 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	2.17 ng/ul	116675	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,8-Dichloro-2-methylcinchoninic...	255	C11H7Cl2NO2	067059-22-7	10
2	Benz[c]acridine, 7,8-dimethyl-	257	C19H15N	003518-01-2	10
3	Benz[a]acridine, 1,5-dimethyl-	257	C19H15N	055030-47-2	9
4	4-Dimethylsulfamoyl-N-(2-phenoxy...	348	C17H20N2O4S	1000301-34-5	9
5	Dimethylmalonic acid, decyl 2,3,...	450	C21H29Cl3O4	1000363-91-0	9





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Quant Title : SVOA CALIBRATION

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

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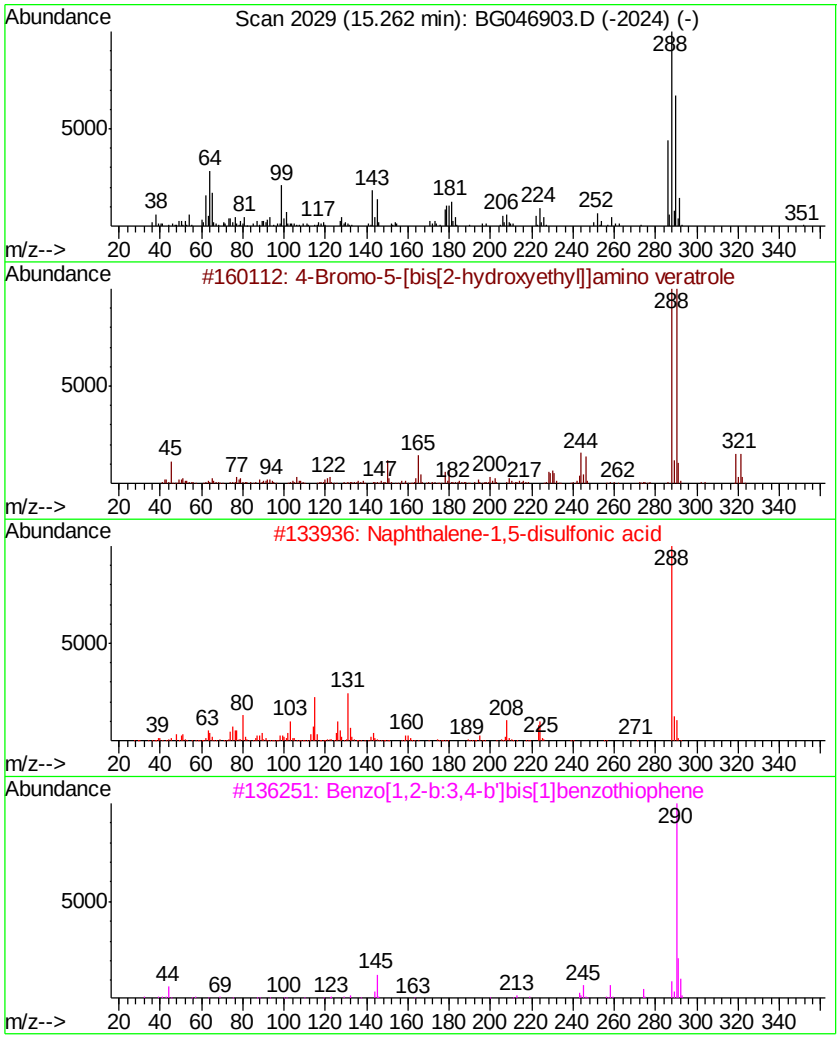
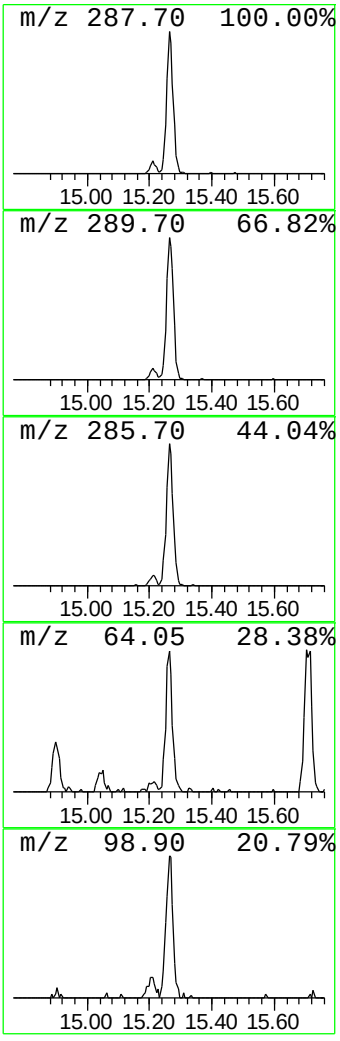
Peak Number 15 unknown-08 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	6.07 ng/ul	325761	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Bromo-5-[bis[2-hydroxyethyl]la...	319	C12H18BrNO4	021585-30-8	23
2	Naphthalene-1,5-disulfonic acid	288	C10H8O6S2	000081-04-9	12
3	Benzo[1,2-b:3,4-b']bis[1]benzoth...	290	C18H10S2	000198-89-0	10
4	Benzo[1,2-b:3,4-b']bis[1]benzoth...	290	C18H10S2	000198-89-0	10
5	Benzo[2,1-b:3,4-b']bis[1]benzoth...	290	C18H10S2	000222-24-2	10





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Quant Title : SVOA CALIBRATION

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

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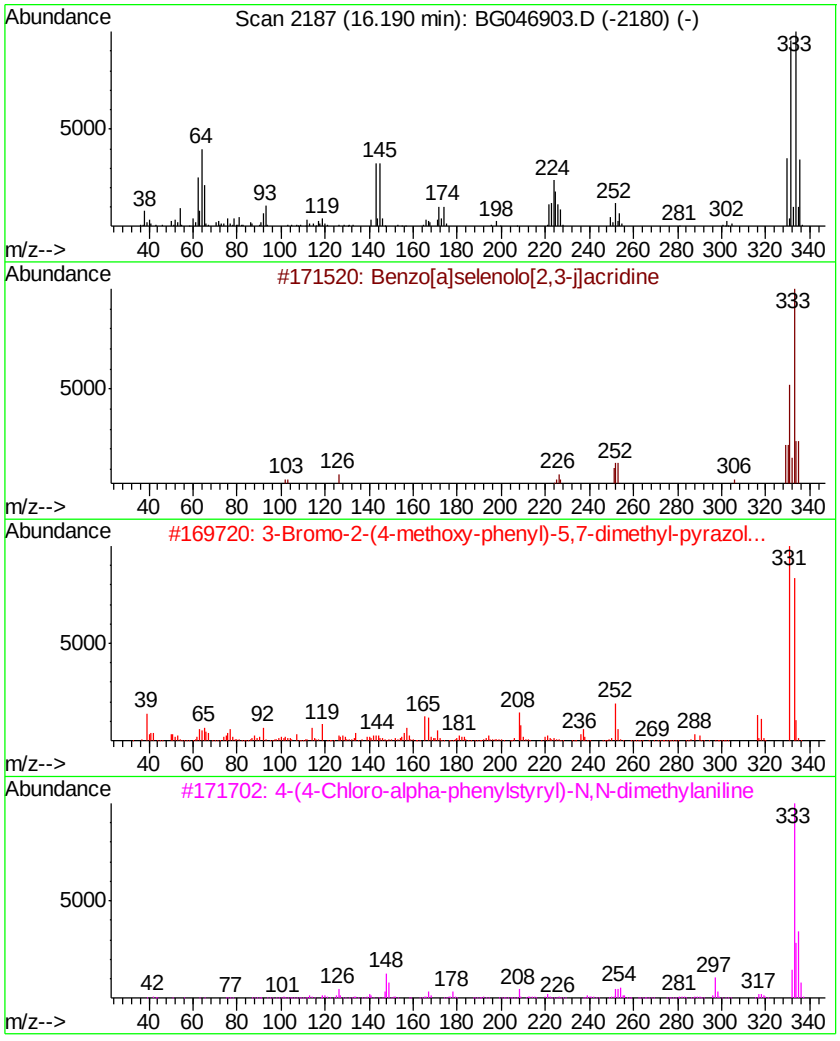
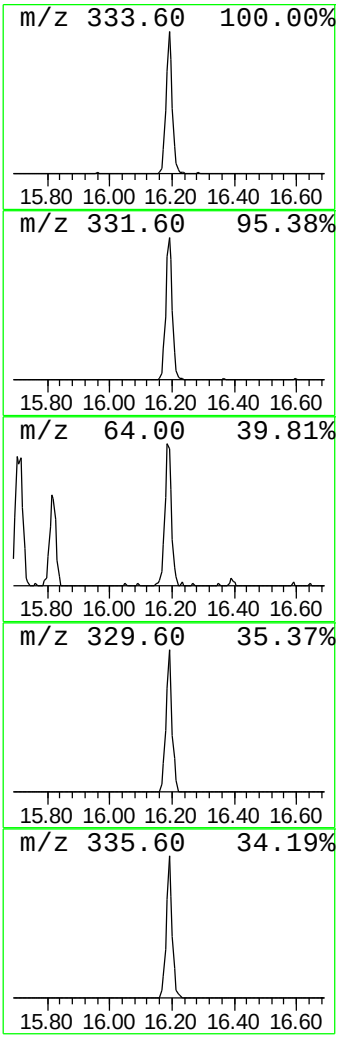
Peak Number 16 unknown-09 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	5.29 ng/ul	309043	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]selenolo[2,3-j]acridine	333	C19H11NSe	032644-64-7	33
2	3-Bromo-2-(4-methoxy-phenyl)-5,7...	331	C15H14BrN3O	1000300-12-8	12
3	4-(4-Chloro-alpha-phenylstyryl)-...	333	C22H20ClN	1000241-84-3	9
4	7-Chloro-8-methyl-2-[4-chlorophe...	331	C17H11Cl2NO2	1000257-15-3	9
5	9H-Purine-9-acetic acid, 6-[(p-c...	331	C15H14ClN5O2	101103-22-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046903.D
Acq On : 14 Oct 2020 21:49
Operator : CG/JU
Sample : L4209-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLWT0

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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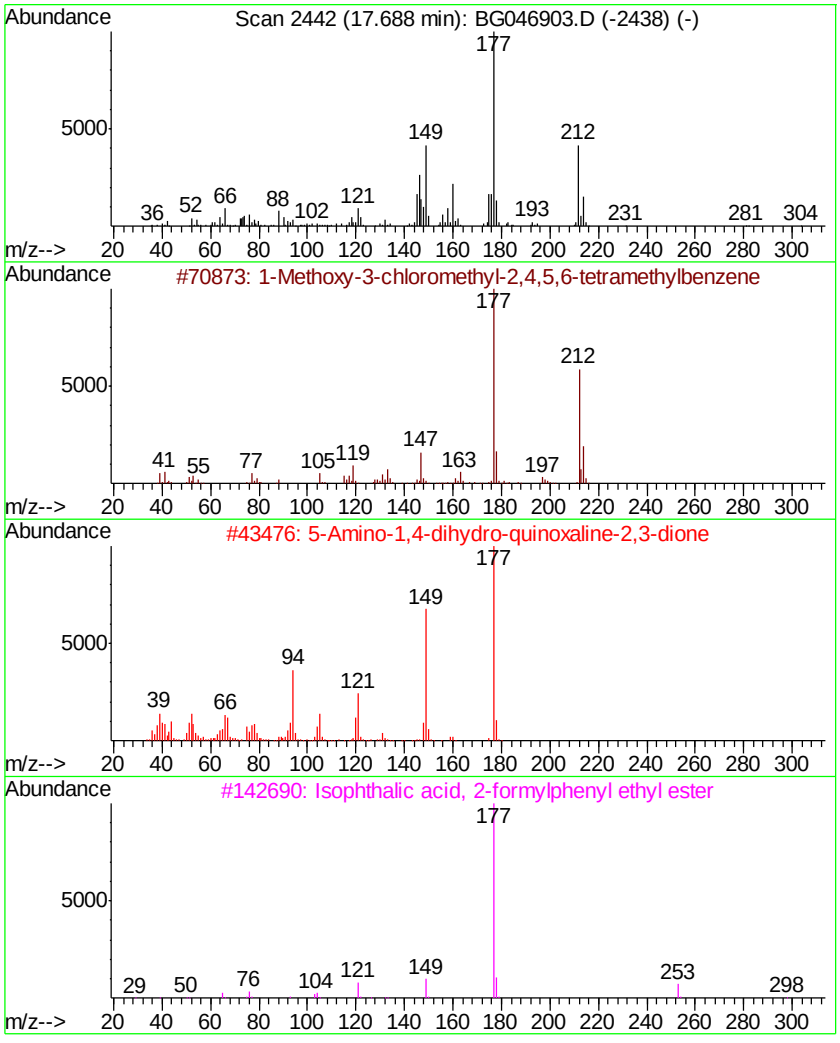
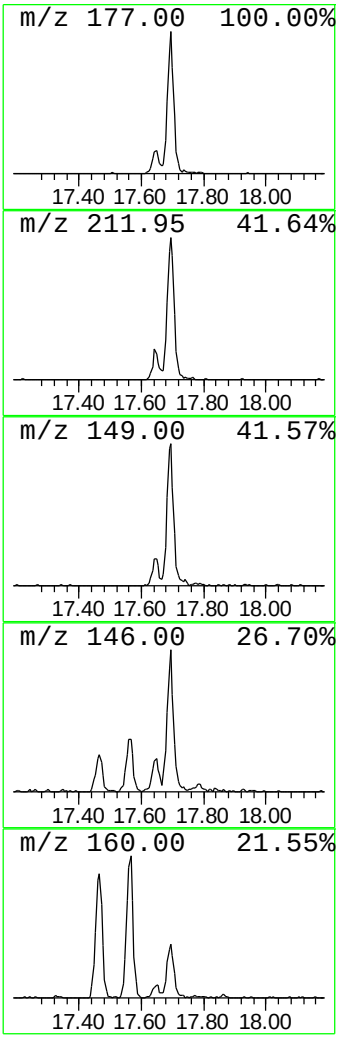
Peak Number 17 unknown-10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	8.91 ng/ul	520640	Phenanthrene-d10	17.47

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	5-Amino-1,4-dihydro-quinoxaline-...	177	C8H7N3O2	076097-87-5	35
3	Isophthalic acid, 2-formylphenyl...	298	C17H14O5	1000344-61-0	35
4	Isophthalic acid, ethyl 4-formyl...	298	C17H14O5	1000344-69-2	35
5	1,4-Benzenedicarboxylic acid, di...	222	C12H14O4	000636-09-9	32





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Data File : BG046903.D
Acq On : 14 Oct 2020 21:49
Operator : CG/JU
Sample : L4209-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLWT0

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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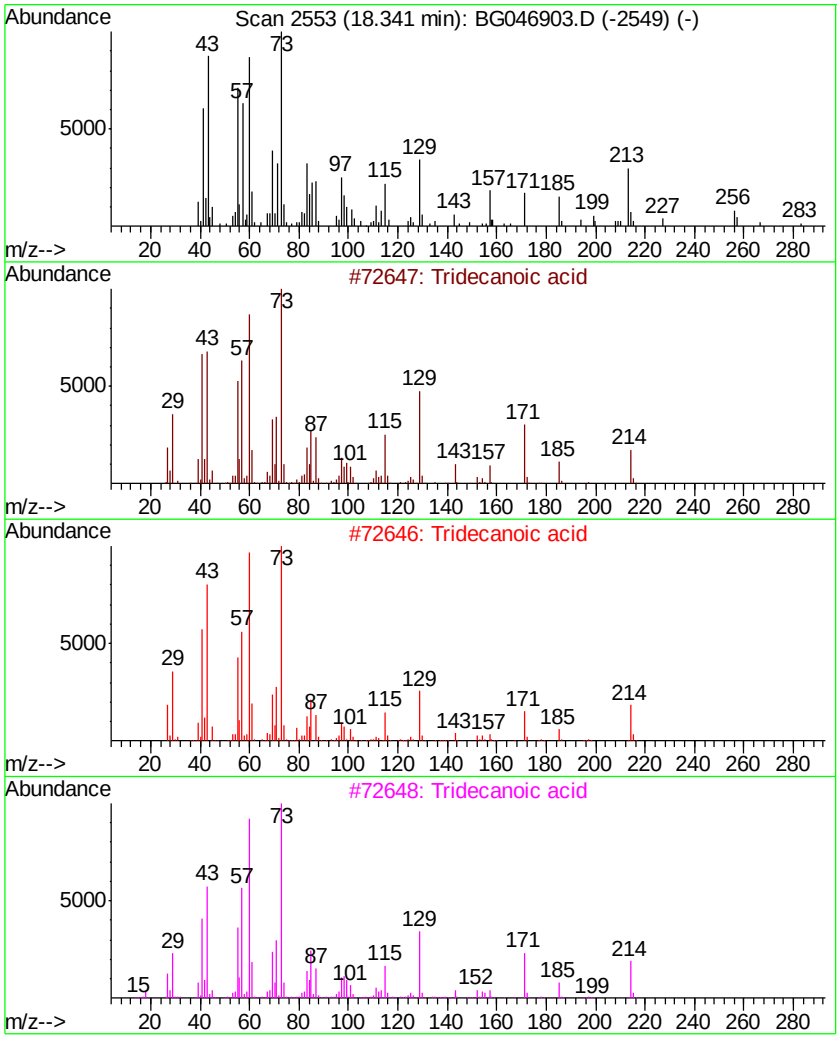
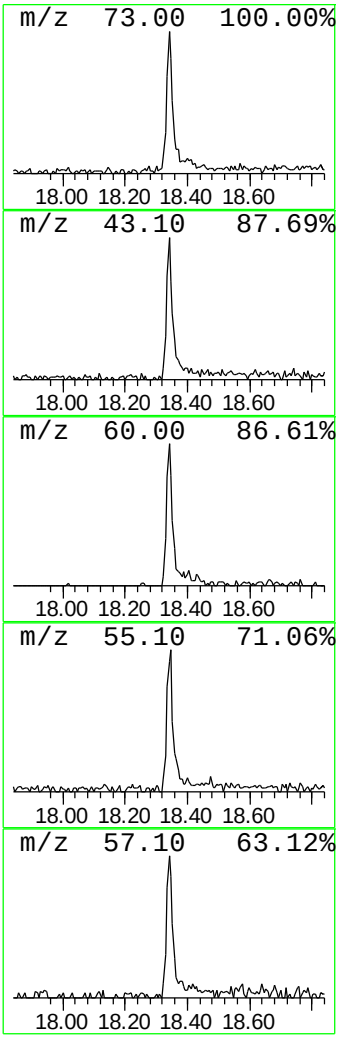
Peak Number 18 Tridecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.77 ng/ul	161880	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72





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Data File : BG046903.D
Acq On : 14 Oct 2020 21:49
Operator : CG/JU
Sample : L4209-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLWT0

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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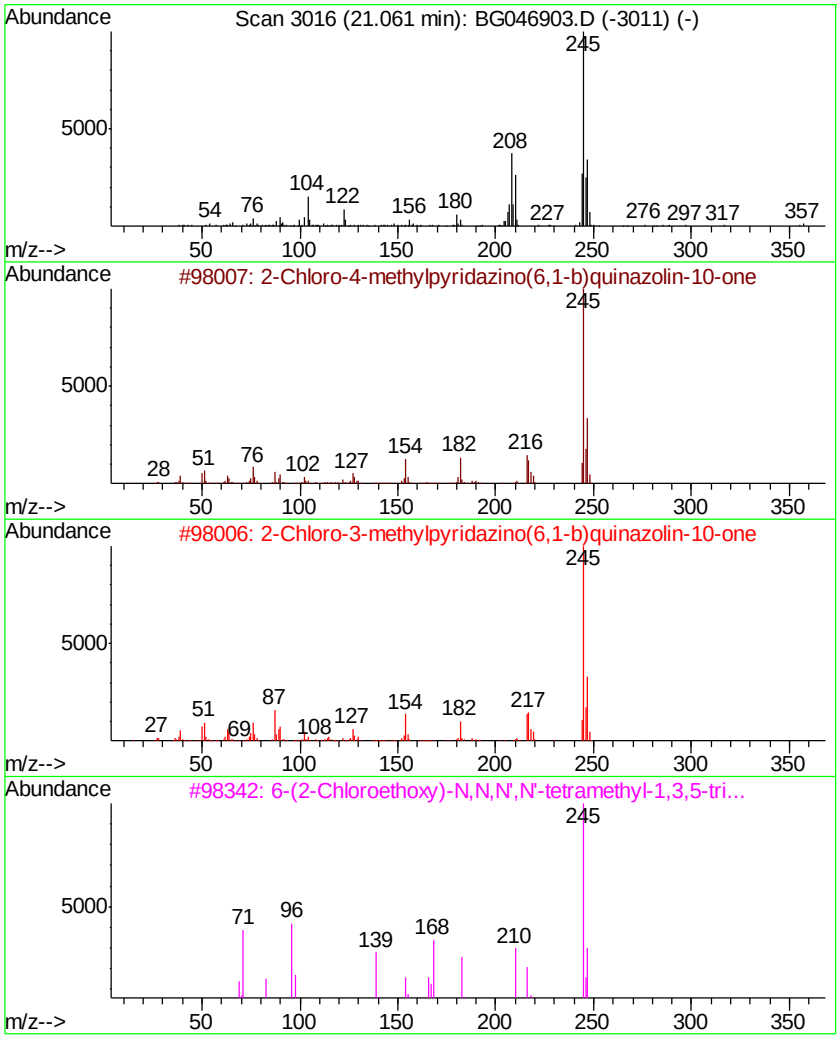
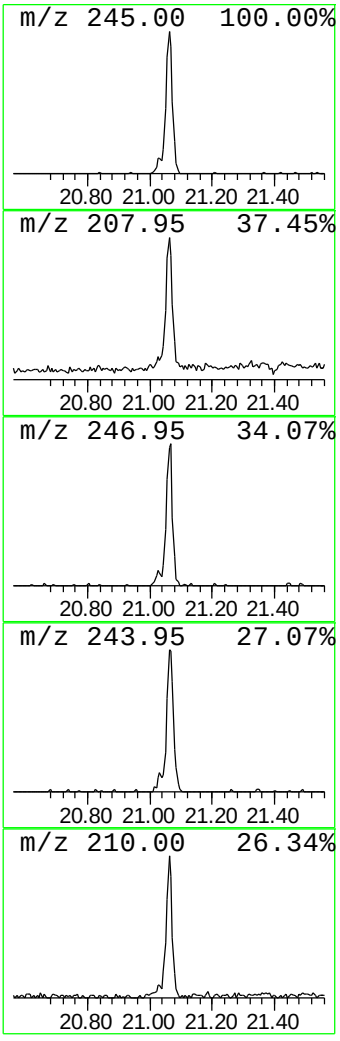
Peak Number 19 2-Chloro-4-methylpyridazino... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	3.78 ng/ul	258646	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloro-4-methylpyridazino(6,1-...	245	C12H8ClN3O	001703-04-4	52
2	2-Chloro-3-methylpyridazino(6,1-...	245	C12H8ClN3O	001703-03-3	50
3	6-(2-Chloroethoxy)-N,N,N',N'-tet...	245	C9H16ClN5O	062915-30-4	38
4	10H-Indeno[1,2-g]quinoline, 2,4-...	245	C18H15N	050519-37-4	37
5	Benzenamine, N,N-diphenyl-	245	C18H15N	000603-34-9	37





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046903.D
Acq On : 14 Oct 2020 21:49
Operator : CG/JU
Sample : L4209-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLWT0

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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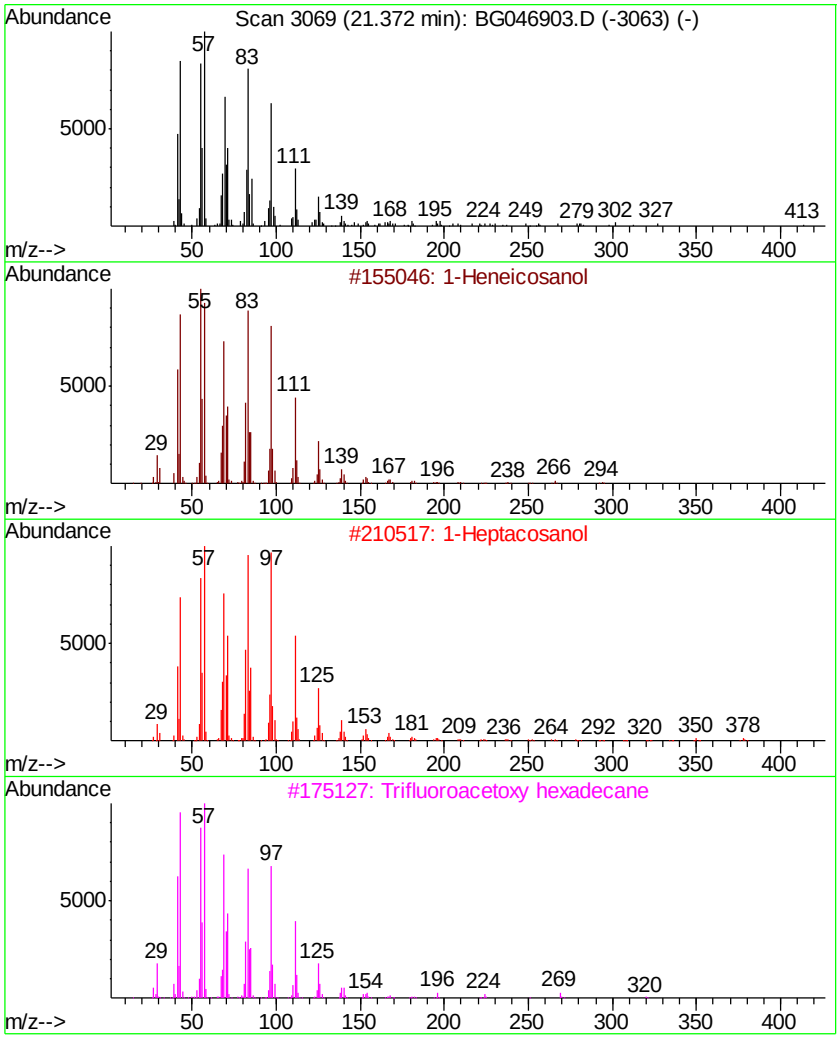
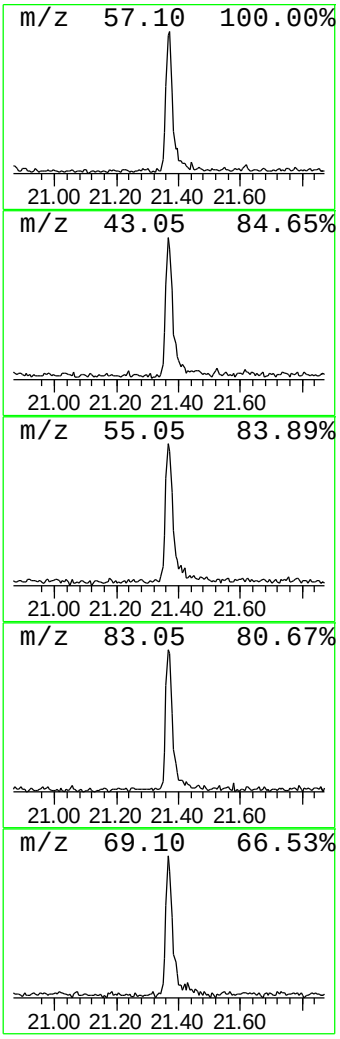
Peak Number 20 1-Heneicosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	4.52 ng/ul	309611	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	1-Heptacosanol	396	C27H56O	002004-39-9	90
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
4	1-Hexacosanol	382	C26H54O	000506-52-5	87
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046903.D
Acq On : 14 Oct 2020 21:49
Operator : CG/JU
Sample : L4209-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLWT0

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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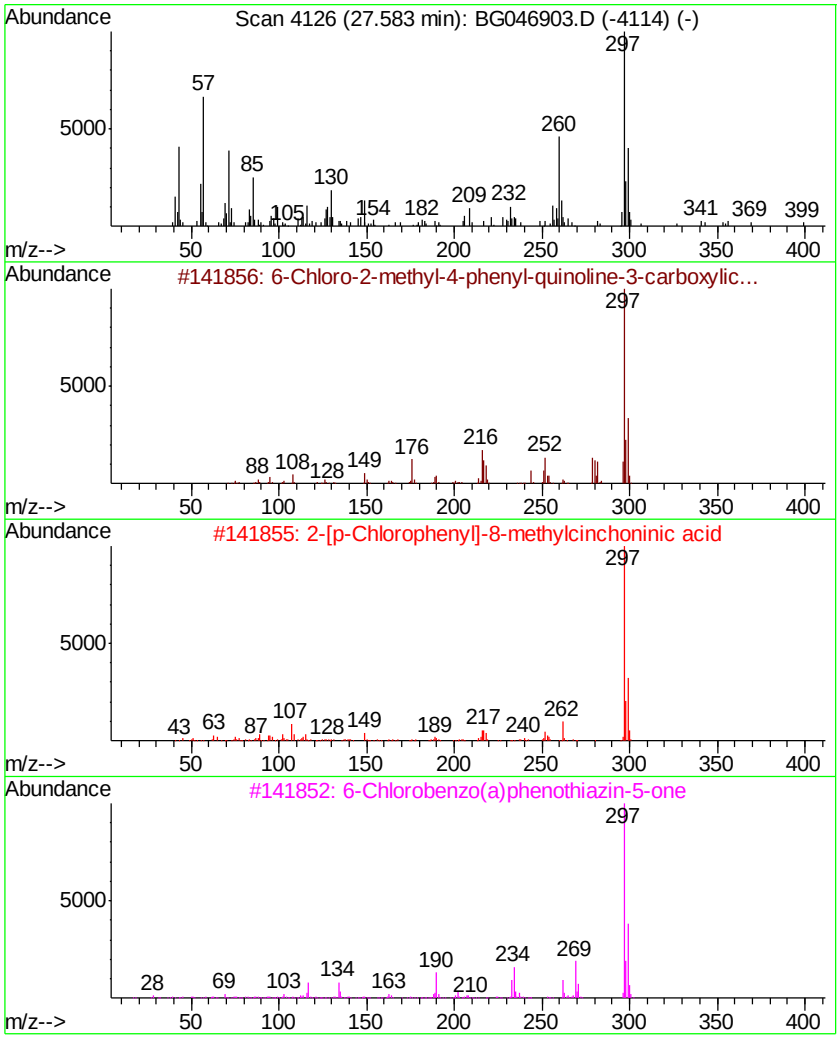
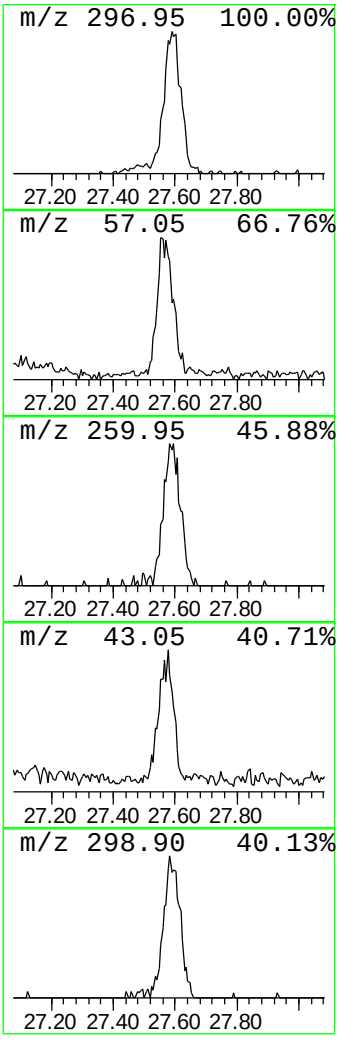
Peak Number 21 unknown-11 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.58	4.27 ng/ul	301059	Perylene-d12	25.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Chloro-2-methyl-4-phenyl-quino...	297	C17H12ClNO2	312758-85-3	43
2	2-[p-Chlorophenyl]-8-methylcinch...	297	C17H12ClNO2	107027-43-0	38
3	6-Chlorobenzo(a)phenothiazin-5-one	297	C16H8ClNOS	025947-05-1	38
4	trans-3'-Dimethylamino-4-(methyl...	297	C18H19NOS	131316-08-0	27
5	Octadecane, 1,1'-[(1-methyl-1,2-...	581	C39H80O2	035545-51-8	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101420\
Data File : BG046903.D
Acq On : 14 Oct 2020 21:49
Operator : CG/JU
Sample : L4209-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLWT0

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
2-Butene, 1-chlor...	3.42	5.8	ng/ul	113934	1	8.10	393329	20.0
1,1-Dimethyl-3-ch...	4.77	36.1	ng/ul	710446	1	8.10	393329	20.0
unknown-01	5.28	2.5	ng/ul	48430	1	8.10	393329	20.0
unknown-02	8.96	3.9	ng/ul	75814	1	8.10	393329	20.0
Benzene,1-chloro-...	9.37	9.3	ng/ul	182442	1	8.10	393329	20.0
unknown-03	9.67	2.9	ng/ul	80204	2	10.91	547118	20.0
6-Chloro-2,3-dihy...	10.66	2.0	ng/ul	56086	2	10.91	547118	20.0
Benzene, 2-bromo-...	10.68	4.5	ng/ul	122450	2	10.91	547118	20.0
Xenon	10.76	2.5	ng/ul	68582	2	10.91	547118	20.0
unknown-04	11.94	3.5	ng/ul	95674	2	10.91	547118	20.0
1,3-Cyclopentaned...	12.11	3.2	ng/ul	86340	2	10.91	547118	20.0
unknown-05	12.35	5.6	ng/ul	152959	2	10.91	547118	20.0
unknown-06	13.13	2.9	ng/ul	153325	3	14.72	1073270	20.0
unknown-07	13.52	2.2	ng/ul	116675	3	14.72	1073270	20.0
unknown-08	15.26	6.1	ng/ul	325761	3	14.72	1073270	20.0
unknown-09	16.19	5.3	ng/ul	309043	4	17.47	1168940	20.0
unknown-10	17.69	8.9	ng/ul	520640	4	17.47	1168940	20.0
Tridecanoic acid	18.34	2.8	ng/ul	161880	4	17.47	1168940	20.0
2-Chloro-4-methyl...	21.06	3.8	ng/ul	258646	5	21.74	1368650	20.0
1-Heneicosanol	21.37	4.5	ng/ul	309611	5	21.74	1368650	20.0
unknown-11	27.58	4.3	ng/ul	301059	6	25.00	1411130	20.0