LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046912.D
Acq On : 15 Oct 2020 3:54
Operator : CG/JU
Sample : L4259-08DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL

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	6.101	464	470	478	rBV	53488	85948	0.61%	0.278%
2	7.182	648	654	659	rVB2	24326	38771	0.28%	0.125%
3	7.240	659	664	671	rBV3	19060	33043	0.24%	0.107%
4	7.417	687	694	700	rBV2	21436	37329	0.27%	0.121%
5	7.481	700	705	711	rBV	54601	88765	0.63%	0.287%
6	7.622	724	729	738	rBV3	22667	42328	0.30%	0.137%
7	7.746	740	750	758	rBV	137099	231723	1.66%	0.749%
8	8.098	799	810	822	rBV	232947	407236	2.91%	1.316%
9	8.210	822	829	837	rVV	136490	229457	1.64%	0.742%
10	8.474	867	874	879	rBV	20044	33459	0.24%	0.108%
11	8.645	897	903	909	rVB2	12725	20338	0.15%	0.066%
12	8.739	911	919	923	rBV3	17463	30626	0.22%	0.099%
13	8.792	923	928	936	rVB3	23071	42361	0.30%	0.137%
14	9.050	967	972	977	rBV3	22354	36301	0.26%	0.117%
15	9.103	977	981	986	rVB3	25167	39624	0.28%	0.128%
16	9.203	993	998	1003	rBV3	35774	58418	0.42%	0.189%
17	9.256	1003	1007	1009	rVV	26622	42580	0.30%	0.138%
18	9.285	1010	1012	1023	rVB3	28332	50642	0.36%	0.164%
19	9.538	1049	1055	1062	rBV2	17624	32039	0.23%	0.104%
20	9.726	1082	1087	1092	rBV	27233	42647	0.30%	0.138%
21	9.790	1092	1098	1103	rVB	41295	67297	0.48%	0.218%
22	9.978	1124	1130	1137	rBV5	28391	48756	0.35%	0.158%
23	10.084	1143	1148	1155	rVV5	21568	43074	0.31%	0.139%
24	10.307	1179	1186	1192	rBV2	67658	125168	0.89%	0.405%
25	10.531	1217	1224	1231	rVV7	43244	103482	0.74%	0.335%
26	10.754	1257	1262	1269	rBV2	41418	76702	0.55%	0.248%
27	10.907	1278	1288	1295	rBV	317723	577138	4.12%	1.866%
28	11.265	1342	1349	1353	rBV5	10329	22668	0.16%	0.073%
29	11.506	1384	1390	1398	rBV6	16840	33657	0.24%	0.109%
30	11.606	1398	1407	1414	rVB3	59242	123975	0.89%	0.401%
31	11.817	1437	1443	1448	rVB6	13885	25130	0.18%	0.081%
32	12.005	1470	1475	1481	rBV4	21512	39049	0.28%	0.126%
33	12.123	1486	1495	1498	rVB9	12985	34524	0.25%	0.112%
34	12.287	1517	1523	1531	rVB6	13552	37206	0.27%	0.120%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046912.D
Acq On : 15 Oct 2020 3:54
Operator : CG/JU
Sample : L4259-08DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL

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	12.452	1546	1551	1554	rVV4	15872	24084	0.17%	0.078%
36	12.705	1587	1594	1597	rBV2	53943	85431	0.61%	0.276%
37	12.775	1597	1606	1612	rVB	234476	413549	2.95%	1.337%
38	12.863	1617	1621	1626	rVV3	39330	70167	0.50%	0.227%
39	12.922	1626	1631	1639	rVB9	15512	32678	0.23%	0.106%
40	13.063	1650	1655	1660	rBV8	11649	22695	0.16%	0.073%
41	13.222	1677	1682	1687	rBV2	92869	159208	1.14%	0.515%
42	13.416	1707	1715	1726	rBV	621876	1000860	7.15%	3.235%
43	13.545	1729	1737	1743	rBV10	21690	52008	0.37%	0.168%
44	13.727	1763	1768	1772	rVB3	41646	65665	0.47%	0.212%
45	13.780	1774	1777	1782	rVB3	21917	31821	0.23%	0.103%
46	13.897	1784	1797	1806	rBV5	97727	300964	2.15%	0.973%
47	14.044	1815	1822	1827	rBV	160779	294837	2.11%	0.953%
48	14.097	1827	1831	1833	rBV2	90153	137182	0.98%	0.443%
49	14.279	1857	1862	1865	rBV2	61709	95096	0.68%	0.307%
50	14.314	1865	1868	1874	rVB4	37476	59412	0.42%	0.192%
51	14.414	1878	1885	1889	rBV	89775	177194	1.27%	0.573%
52	14.614	1914	1919	1921	rBV4	24180	37614	0.27%	0.122%
53	14.720	1927	1937	1944	rBV2	575692	919664	6.57%	2.973%
54	14.785	1944	1948	1954	rVB3	23496	41353	0.30%	0.134%
55	14.890	1961	1966	1967	rBV4	18567	22432	0.16%	0.073%
56	15.031	1983	1990	1995	rVB10	20481	42107	0.30%	0.136%
57	15.114	1998	2004	2011	rVB2	65256	118847	0.85%	0.384%
58	15.190	2011	2017	2021	rBV2	49977	89812	0.64%	0.290%
59	15.260	2022	2029	2035	rVV	859721	1288544	9.21%	4.165%
60	15.337	2037	2042	2047	rVV2	378523	585640	4.18%	1.893%
61	15.390	2049	2051	2055	rVB3	27749	27089	0.19%	0.088%
62	15.443	2056	2060	2064	rBV3	21378	33388	0.24%	0.108%
63	15.548	2074	2078	2084	rVB7	33255	68076	0.49%	0.220%
64	15.636	2089	2093	2101	rVV	70231	139535	1.00%	0.451%
65	15.707	2101	2105	2110	rVV	113122	172975	1.24%	0.559%
66	15.760	2110	2114	2119	rVB3	34091	50797	0.36%	0.164%
67	15.830	2119	2126	2133	rBV	595564	963880	6.89%	3.116%
68	15.889	2134	2136	2141	rVB4	26513	34958	0.25%	0.113%
69	15.977	2147	2151	2156	rVB3	46193	73485	0.53%	0.238%
70	16.042	2157	2162	2170	rVB8	47296	91331	0.65%	0.295%
71	16.124	2170	2176	2181	rBV5	33700	70515	0.50%	0.228%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046912.D
Acq On : 15 Oct 2020 3:54
Operator : CG/JU
Sample : L4259-08DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL

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

72	16.424	2223	2227	2228	rBV	28383	33642	0.24%	0.109%
73	16.741	2277	2281	2284	rBV4	20276	34266	0.24%	0.111%
74	16.817	2290	2294	2299	rBV8	17425	32747	0.23%	0.106%
75	17.129	2338	2347	2357	rBV	8387218	13995267	100.00%	45.240%
76	17.211	2358	2361	2364	rVB3	22774	26359	0.19%	0.085%
77	17.411	2392	2395	2398	rBV4	14672	20376	0.15%	0.066%
78	17.470	2399	2405	2410	rVV	748249	1121372	8.01%	3.625%
79	17.511	2410	2412	2415	rVB	49588	48050	0.34%	0.155%
80	17.564	2416	2421	2427	rVV	158003	248368	1.77%	0.803%
81	17.910	2478	2480	2484	rBV6	11643	21269	0.15%	0.069%
82	17.951	2484	2487	2492	rVB4	40436	53992	0.39%	0.175%
83	18.257	2536	2539	2545	rVB8	17212	27515	0.20%	0.089%
84	18.345	2549	2554	2558	rBV4	86440	128053	0.91%	0.414%
85	18.386	2558	2561	2565	rVB3	35490	43380	0.31%	0.140%
86	18.521	2581	2584	2589	rBV7	25376	41526	0.30%	0.134%
87	18.639	2601	2604	2608	rBV6	24939	38096	0.27%	0.123%
88	19.168	2691	2694	2697	rVB5	18860	25428	0.18%	0.082%
89	19.608	2766	2769	2775	rVB6	41815	52019	0.37%	0.168%
90	19.843	2804	2809	2814	rBV	202506	292192	2.09%	0.945%
91	21.371	3067	3069	3075	rVB7	18087	27758	0.20%	0.090%
92	21.735	3125	3131	3140	rVB2	849993	1362347	9.73%	4.404%
93	22.546	3266	3269	3276	rVB7	27180	46024	0.33%	0.149%
94	23.233	3378	3386	3394	rBV5	49060	171143	1.22%	0.553%
95	24.068	3522	3528	3535	rBV3	55605	109920	0.79%	0.355%
96	24.773	3639	3648	3657	rVB3	92911	249251	1.78%	0.806%
97	25.002	3677	3687	3703	rVB2	464921	1481532	10.59%	4.789%
98	26.189	3882	3889	3898	rVB3	57508	164227	1.17%	0.531%
99	27.570	4118	4124	4134	rVB7	41998	123062	0.88%	0.398%
100	29.226	4399	4406	4407	rBV7	22222	40333	0.29%	0.130%

Sum of corrected areas: 30935868

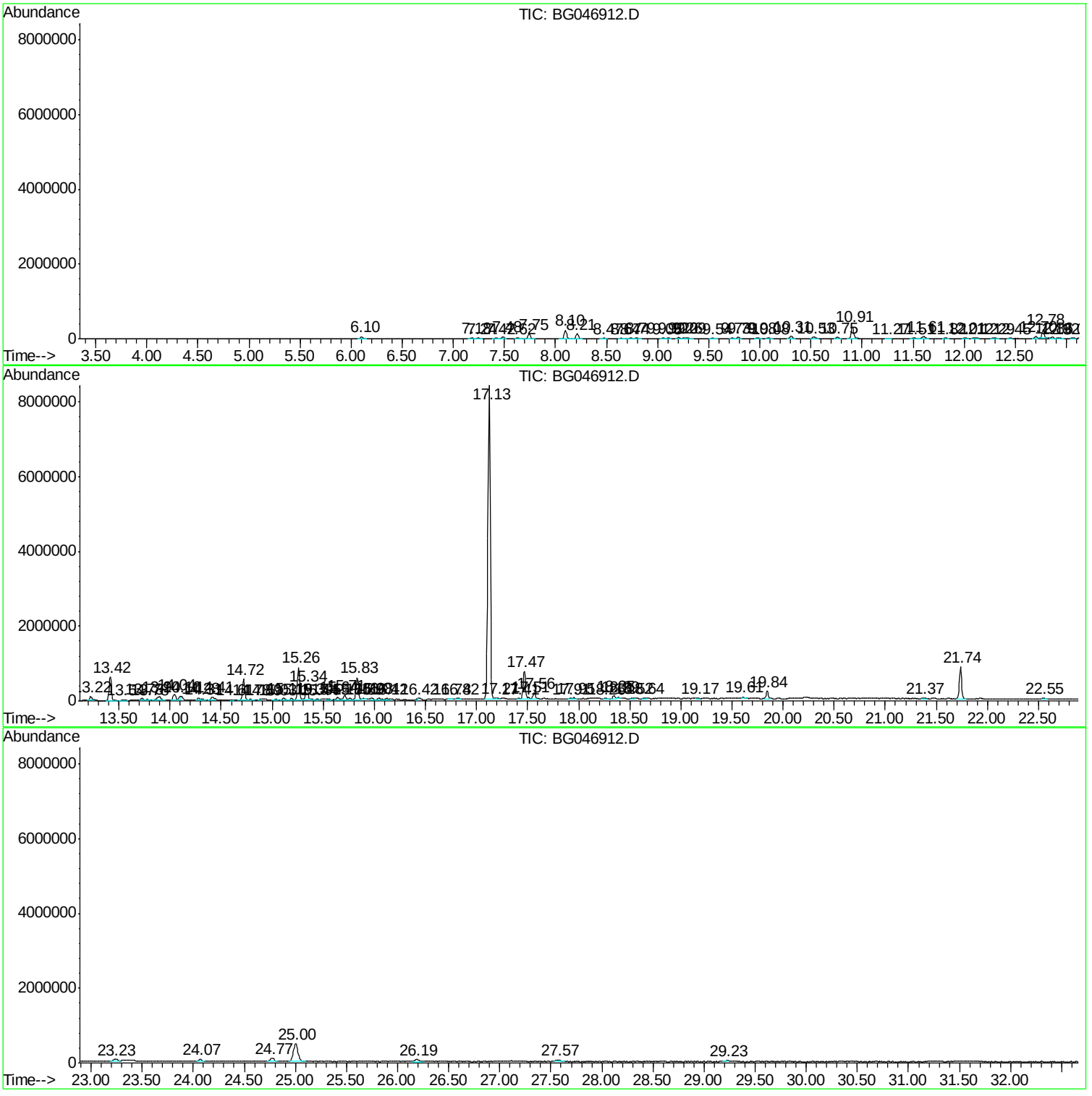
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046912.D
Acq On : 15 Oct 2020 3:54
Operator : CG/JU
Sample : L4259-08DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C5CF7DL

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 : BG046912.D
Acq On : 15 Oct 2020 3:54
Operator : CG/JU
Sample : L4259-08DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL

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

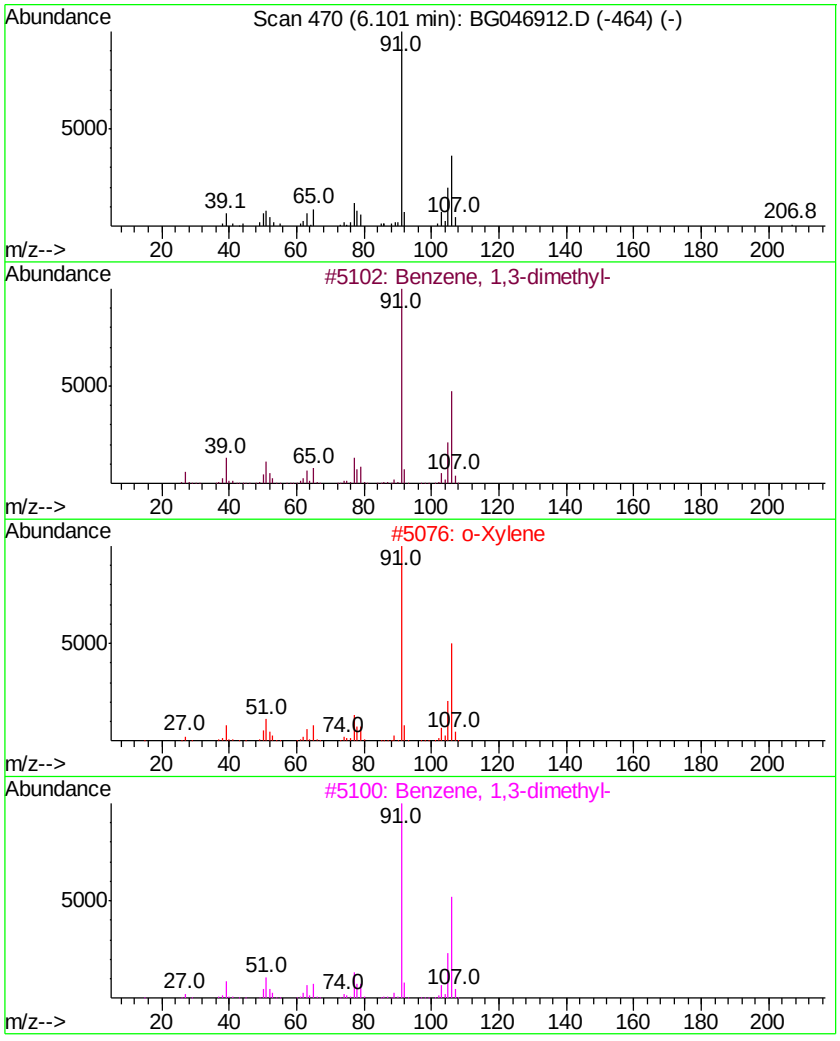
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

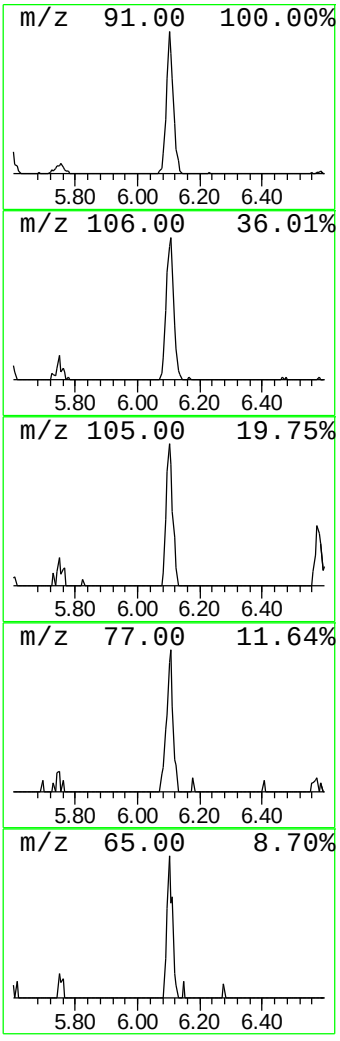
****

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.10	4.22 ng/ul	85948	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	95
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
4	p-Xylene	106	C8H10	000106-42-3	91
5	o-Xylene	106	C8H10	000095-47-6	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046912.D
Acq On : 15 Oct 2020 3:54
Operator : CG/JU
Sample : L4259-08DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL

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

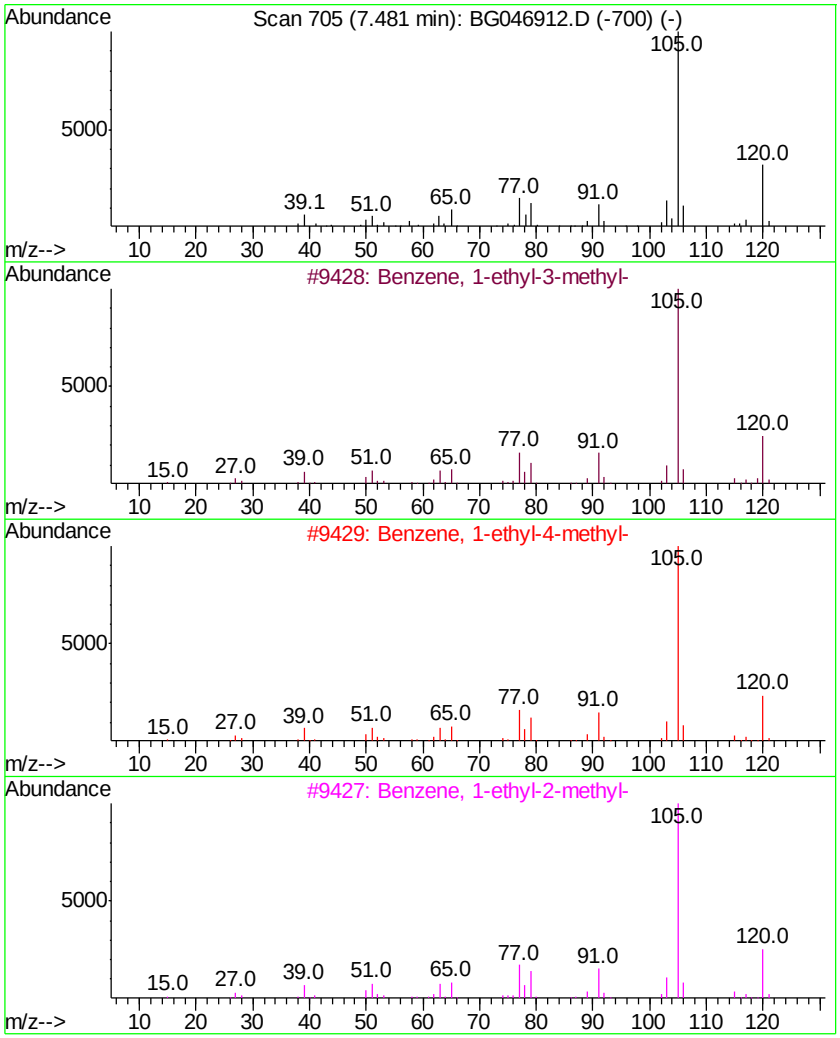
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

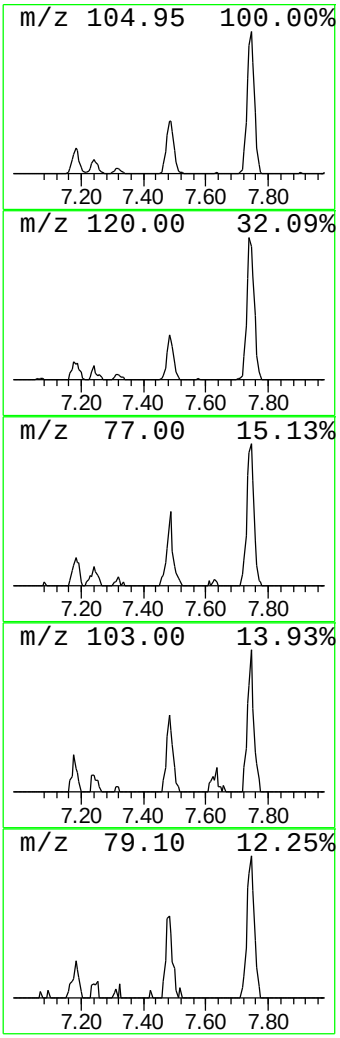
****

Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	4.36 ng/ul	88765	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046912.D
Acq On : 15 Oct 2020 3:54
Operator : CG/JU
Sample : L4259-08DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL

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

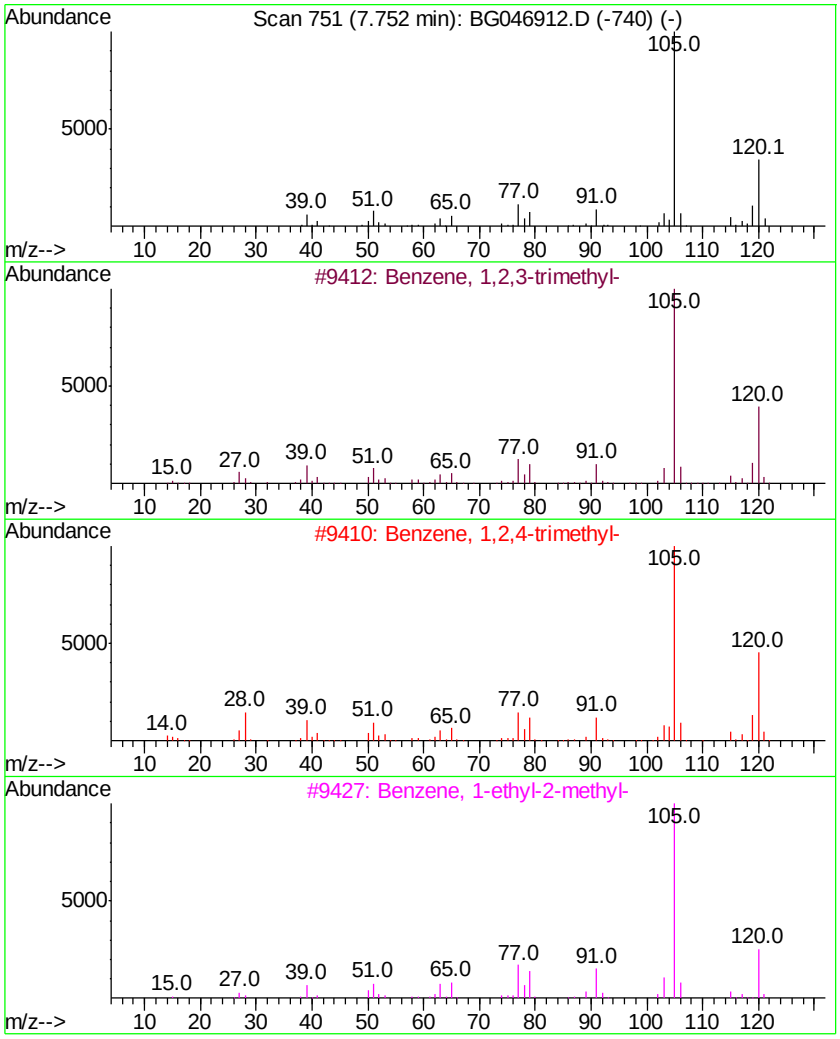
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

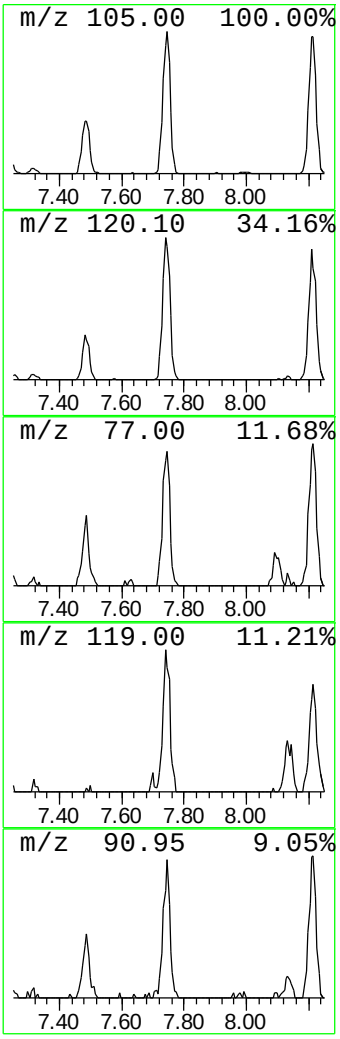
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	11.38 ng/ul	231723	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046912.D
Acq On : 15 Oct 2020 3:54
Operator : CG/JU
Sample : L4259-08DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL

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

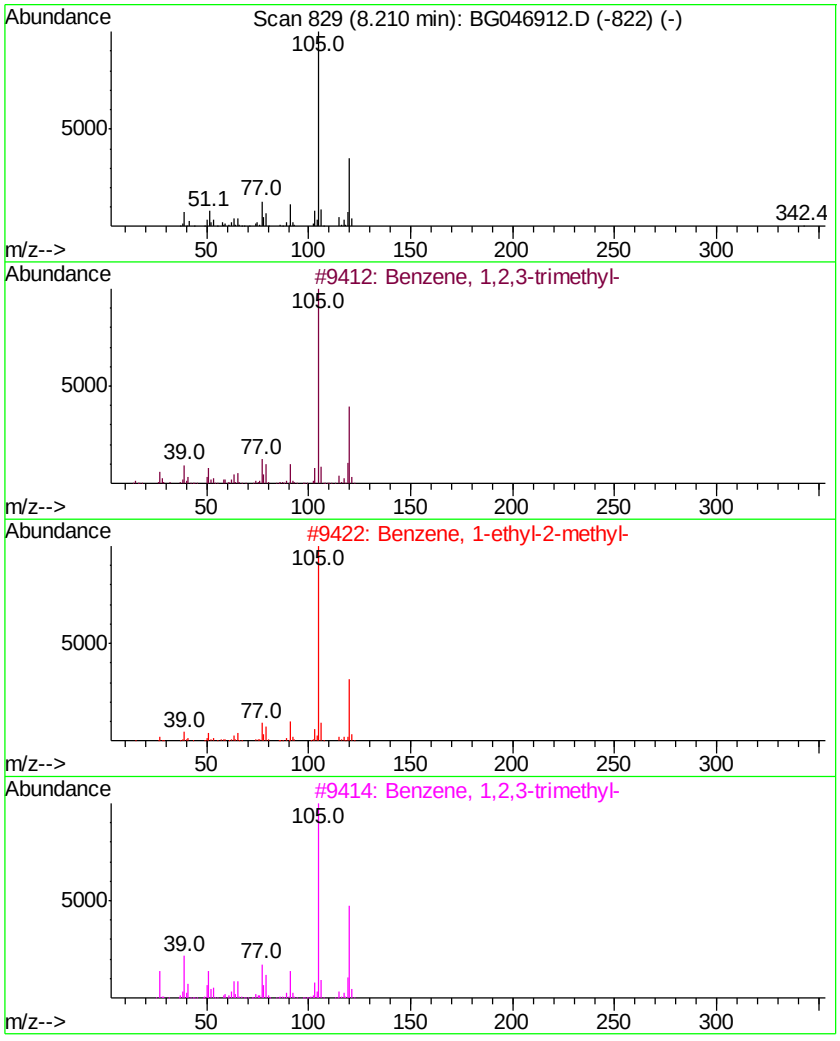
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

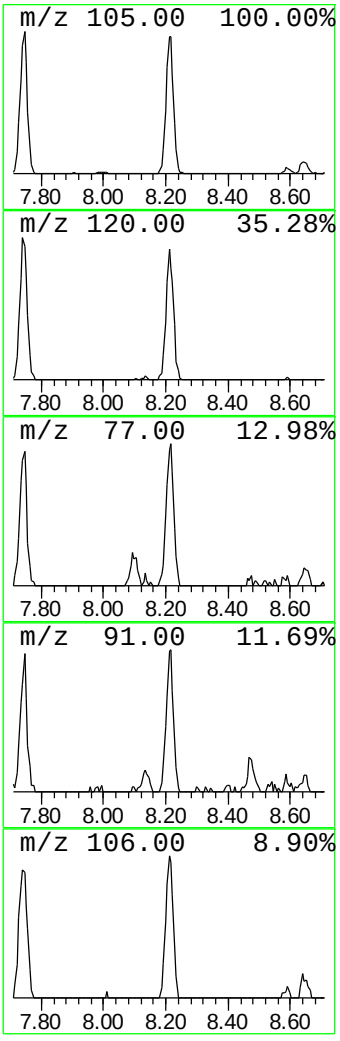
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	11.27 ng/ul	229457	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046912.D
Acq On : 15 Oct 2020 3:54
Operator : CG/JU
Sample : L4259-08DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL

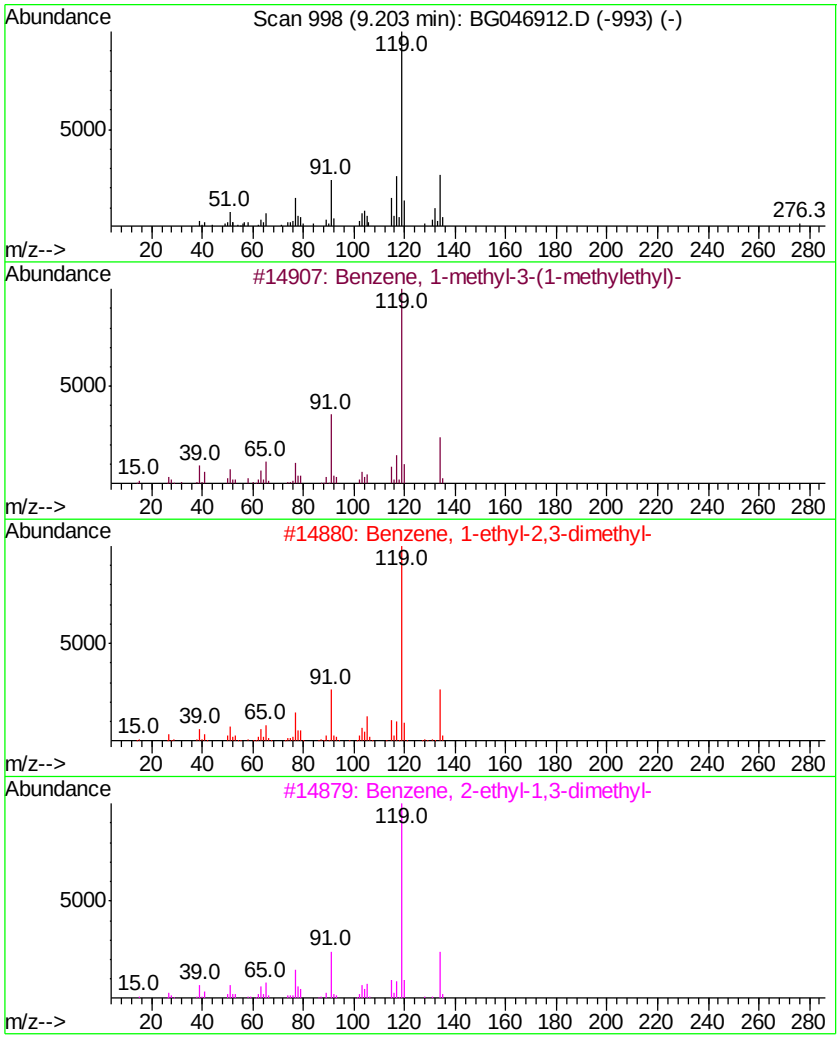
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

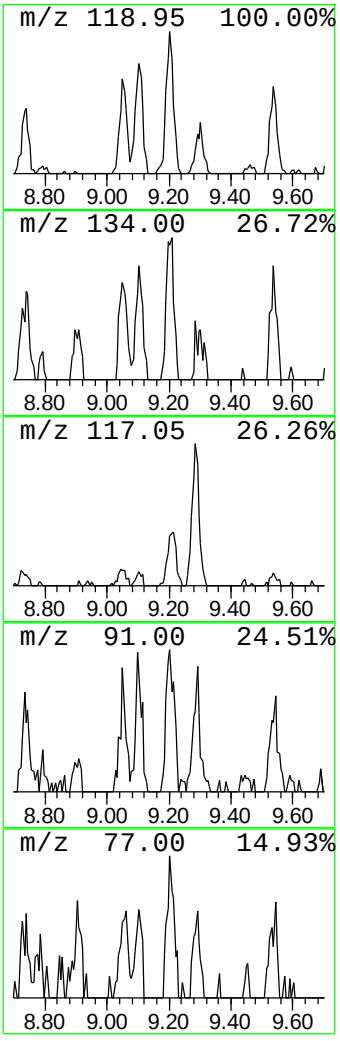
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-methyl-3-(1-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	2.87 ng/ul	58418	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76
4	o-Cymene	134	C10H14	000527-84-4	74
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	72





Library Search Compound Report

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Data File : BG046912.D
Acq On : 15 Oct 2020 3:54
Operator : CG/JU
Sample : L4259-08DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL

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

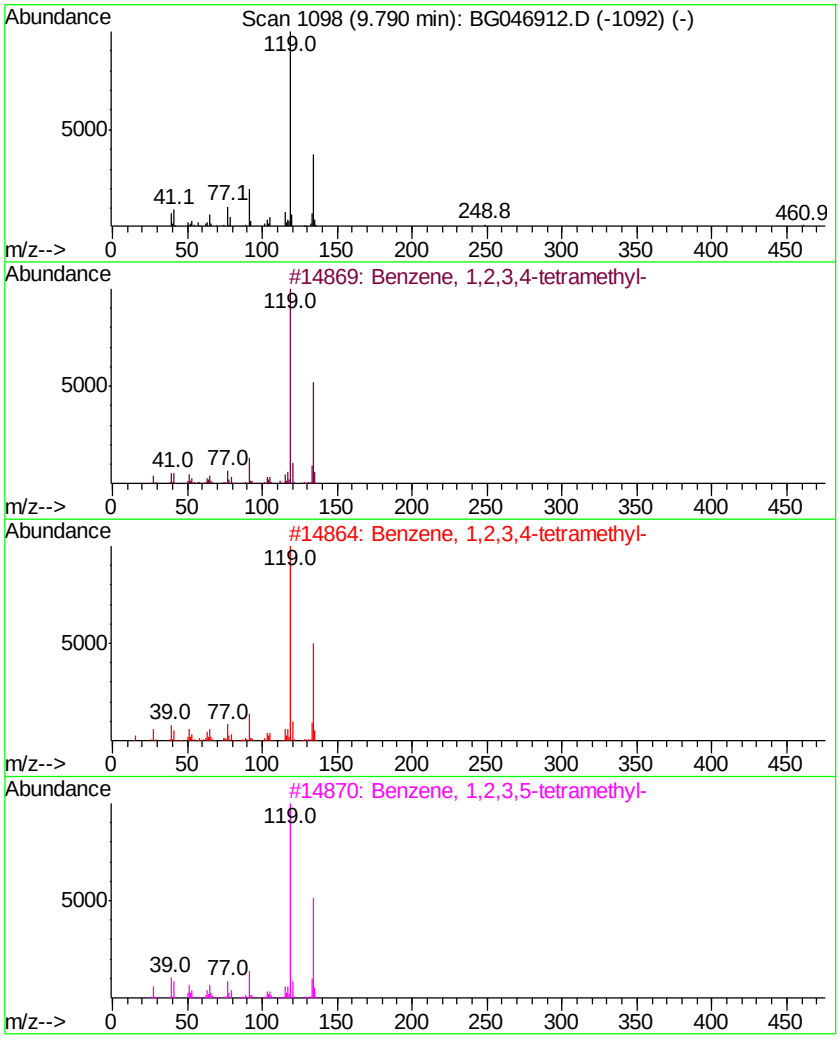
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

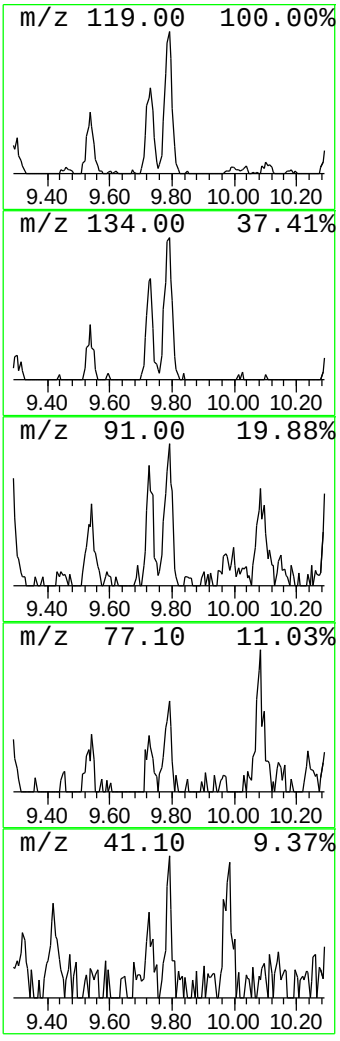
****

Peak Number 6 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	2.33 ng/ul	67297	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87





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Operator : CG/JU
Sample : L4259-08DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL

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

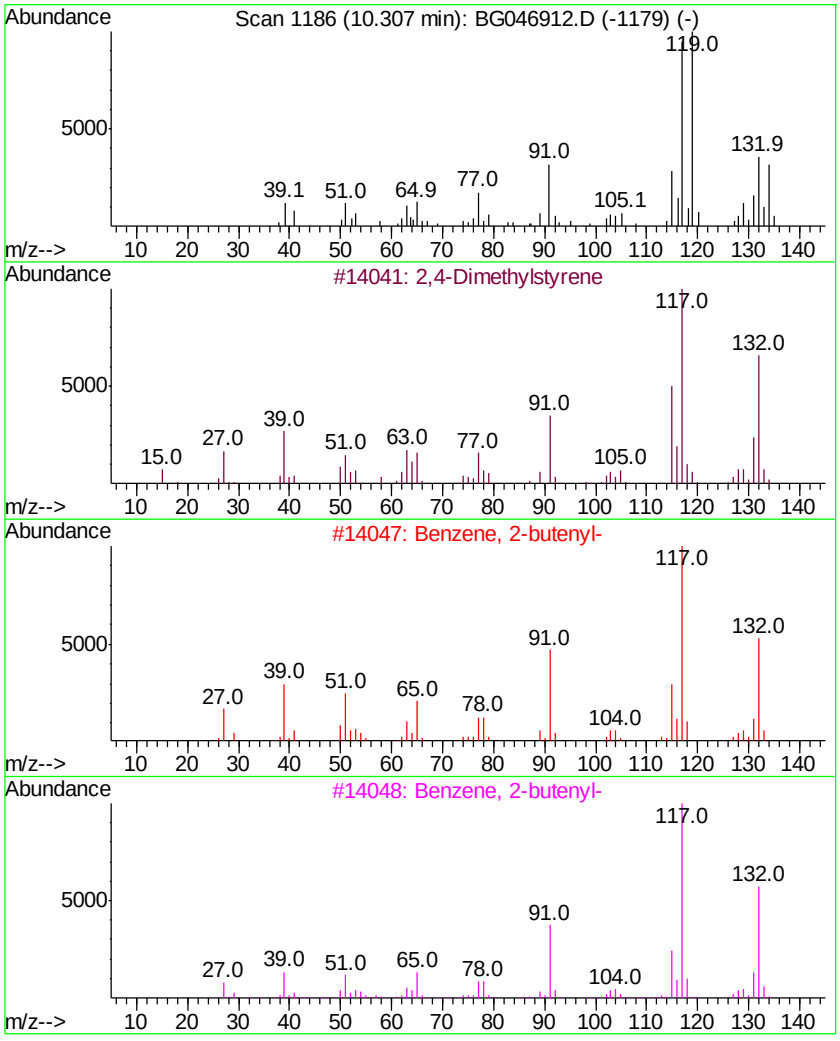
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

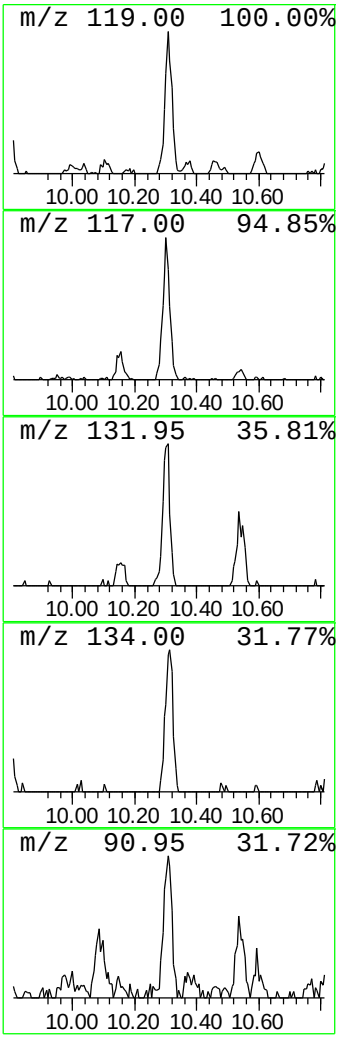
****

Peak Number 7 2,4-Dimethylstyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	4.34 ng/ul	125168	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	83
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	78
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	55
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	55
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	55





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Operator : CG/JU
Sample : L4259-08DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL

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Quant Title : SVOA CALIBRATION

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

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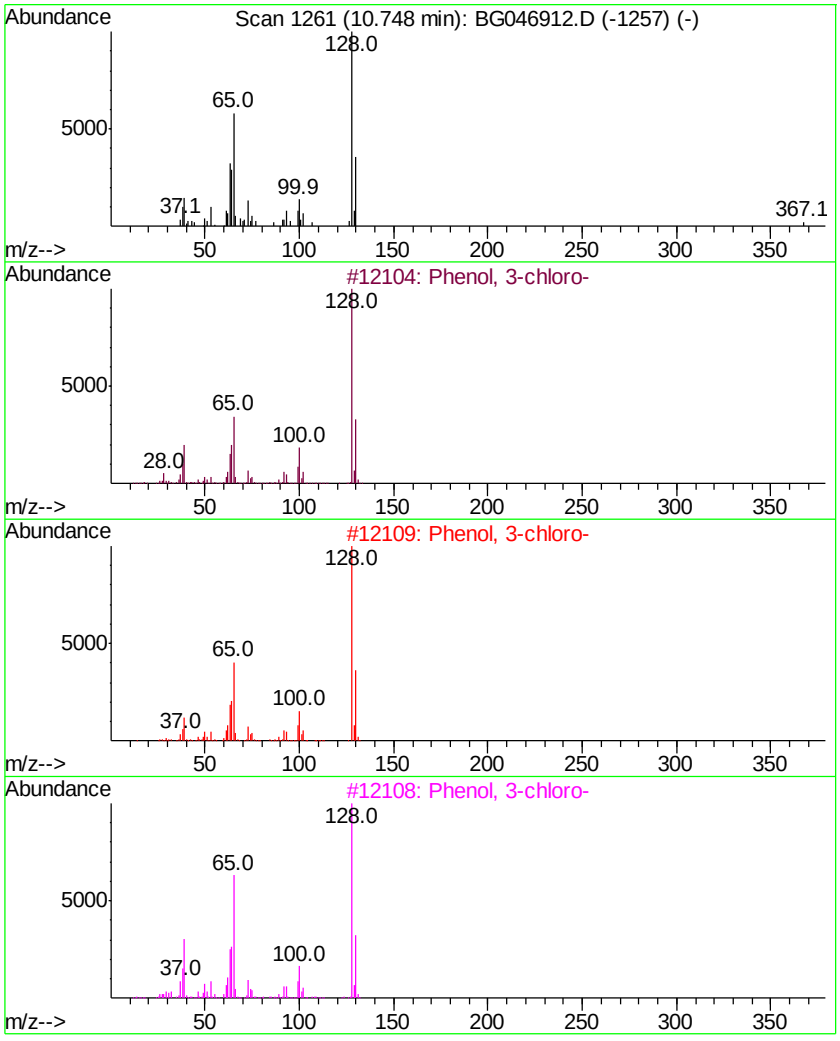
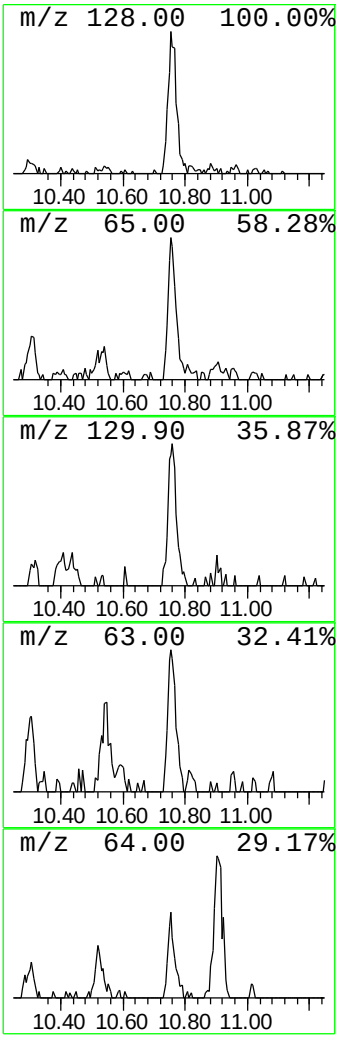
Peak Number 8 Phenol, 3-chloro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	2.66 ng/ul	76702	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-chloro-	128	C6H5ClO	000108-43-0	97
2	Phenol, 3-chloro-	128	C6H5ClO	000108-43-0	96
3	Phenol, 3-chloro-	128	C6H5ClO	000108-43-0	96
4	Parachlorophenol	128	C6H5ClO	000106-48-9	94
5	Parachlorophenol	128	C6H5ClO	000106-48-9	93





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Acq On : 15 Oct 2020 3:54
Operator : CG/JU
Sample : L4259-08DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL

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Quant Title : SVOA CALIBRATION

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

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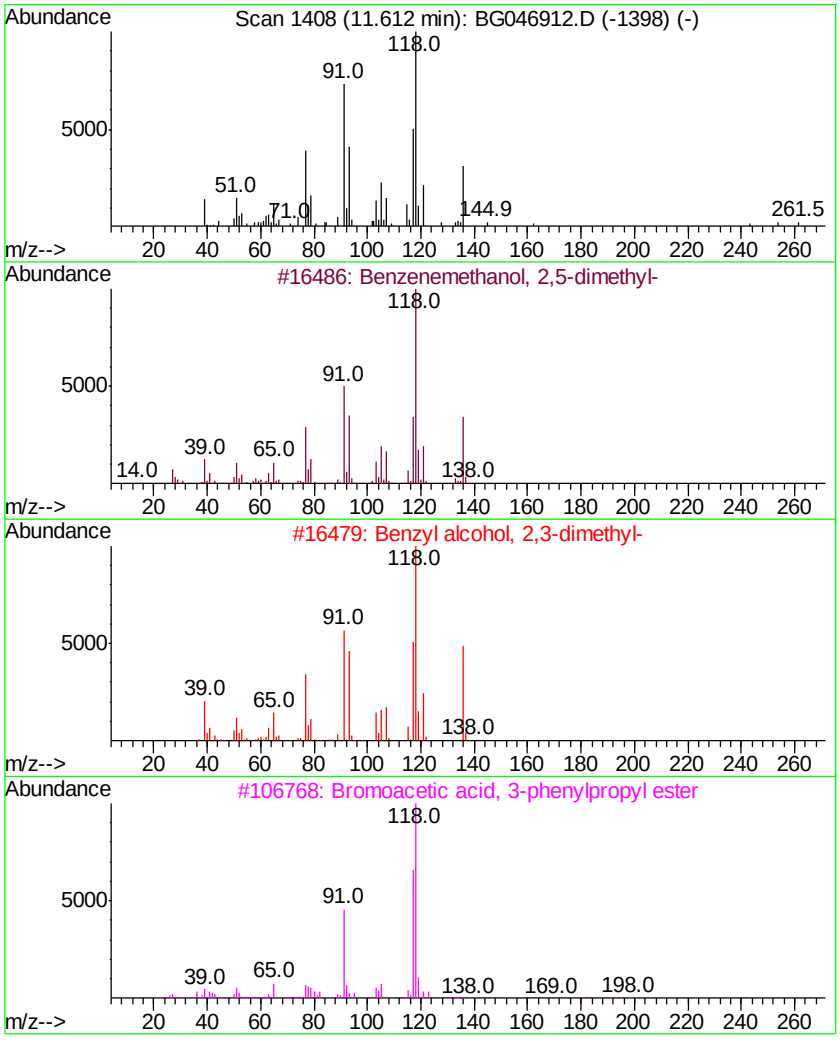
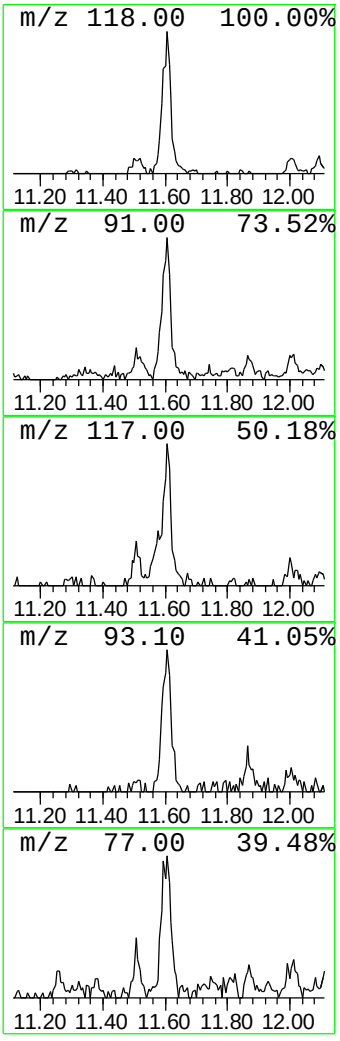
Peak Number 9 Benzenemethanol, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	4.30 ng/ul	123975	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, 2,5-dimethyl-	136	C9H12O	053957-33-8	81
2	Benzyl alcohol, 2,3-dimethyl-	136	C9H12O	013651-14-4	70
3	Bromoacetic acid, 3-phenylpropyl...	256	C11H13BrO2	059956-66-0	59
4	3-Phenylpropanol	136	C9H12O	000122-97-4	55
5	2,6-Difluorobenzoic acid, 3-phen...	276	C16H14F2O2	1000293-48-3	53





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Data File : BG046912.D
Acq On : 15 Oct 2020 3:54
Operator : CG/JU
Sample : L4259-08DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL

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 Ethanone, 1-(3,4-dimethylph... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	2.96 ng/ul	85431	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	87
2	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	83
3	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	81
4	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	81
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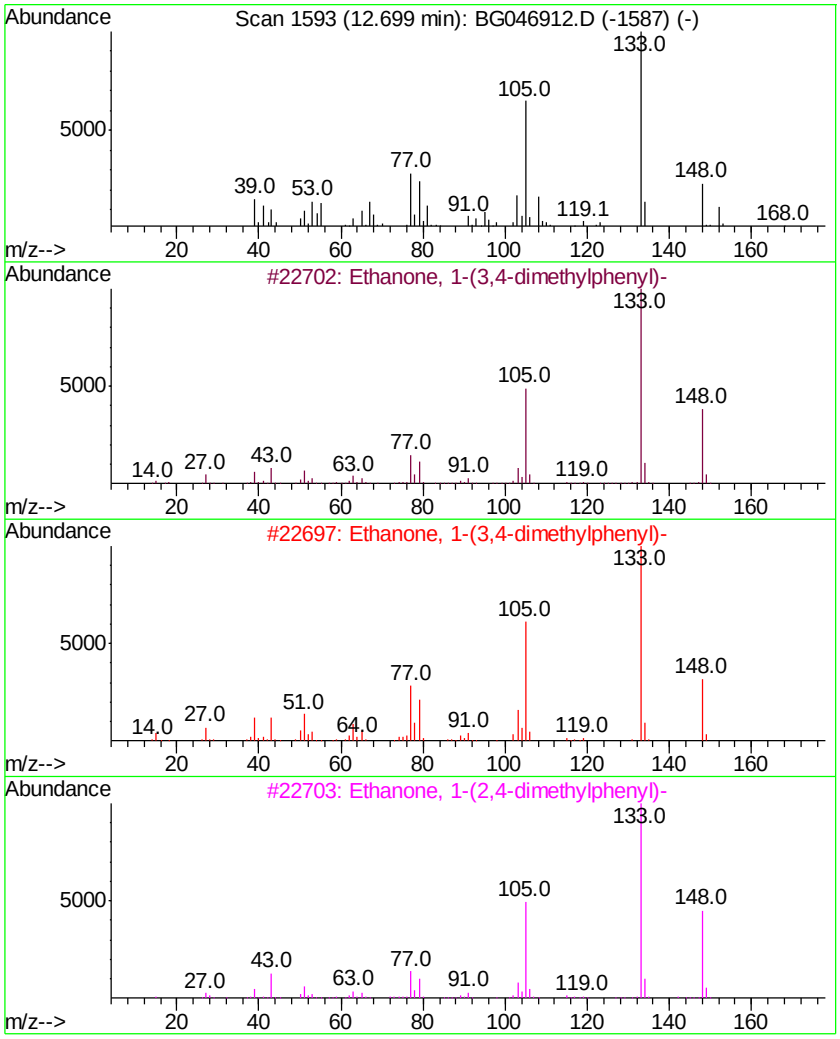

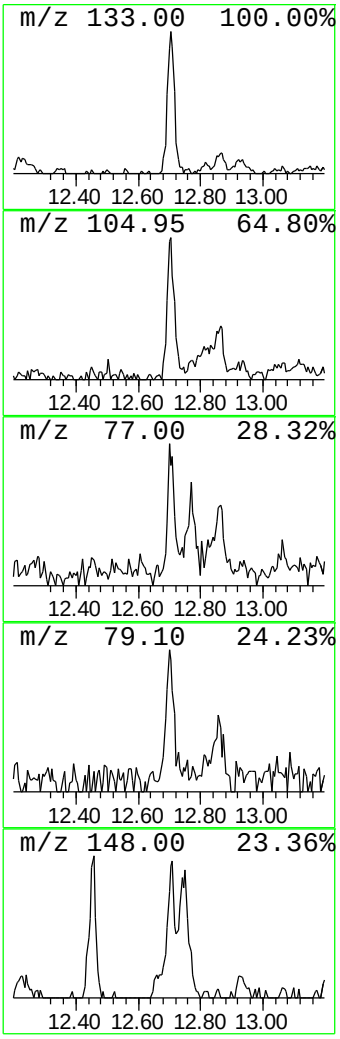

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Acq On : 15 Oct 2020 3:54
Operator : CG/JU
Sample : L4259-08DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL

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Quant Title : SVOA CALIBRATION

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

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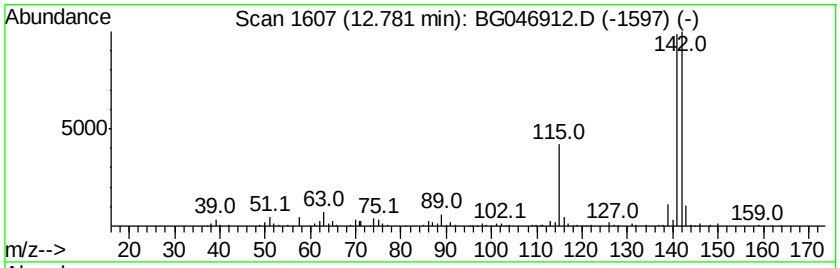
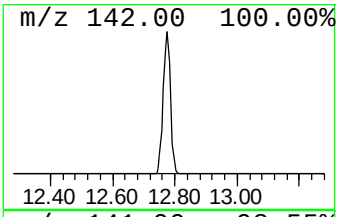
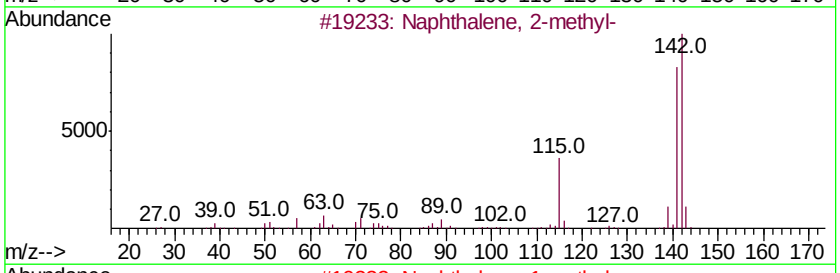
Peak Number 11 Naphthalene, 1-methyl- Concentration Rank 3

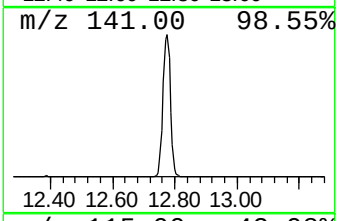
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	14.33 ng/ul	413549	Naphthalene-d8	10.91

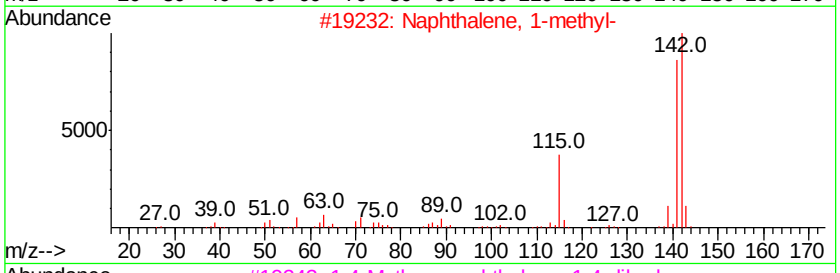
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91

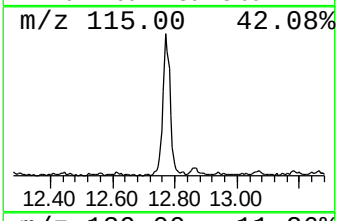


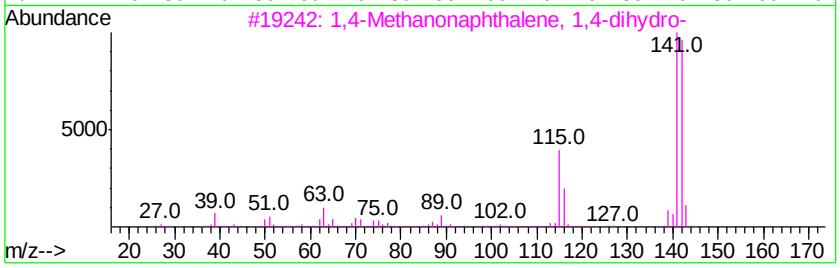


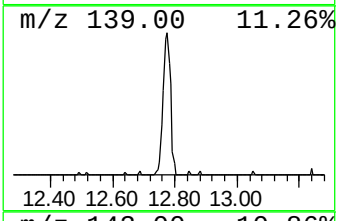


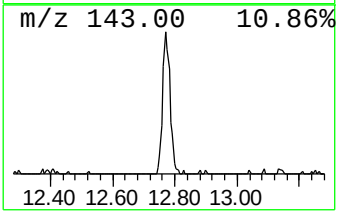












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Acq On : 15 Oct 2020 3:54
Operator : CG/JU
Sample : L4259-08DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL

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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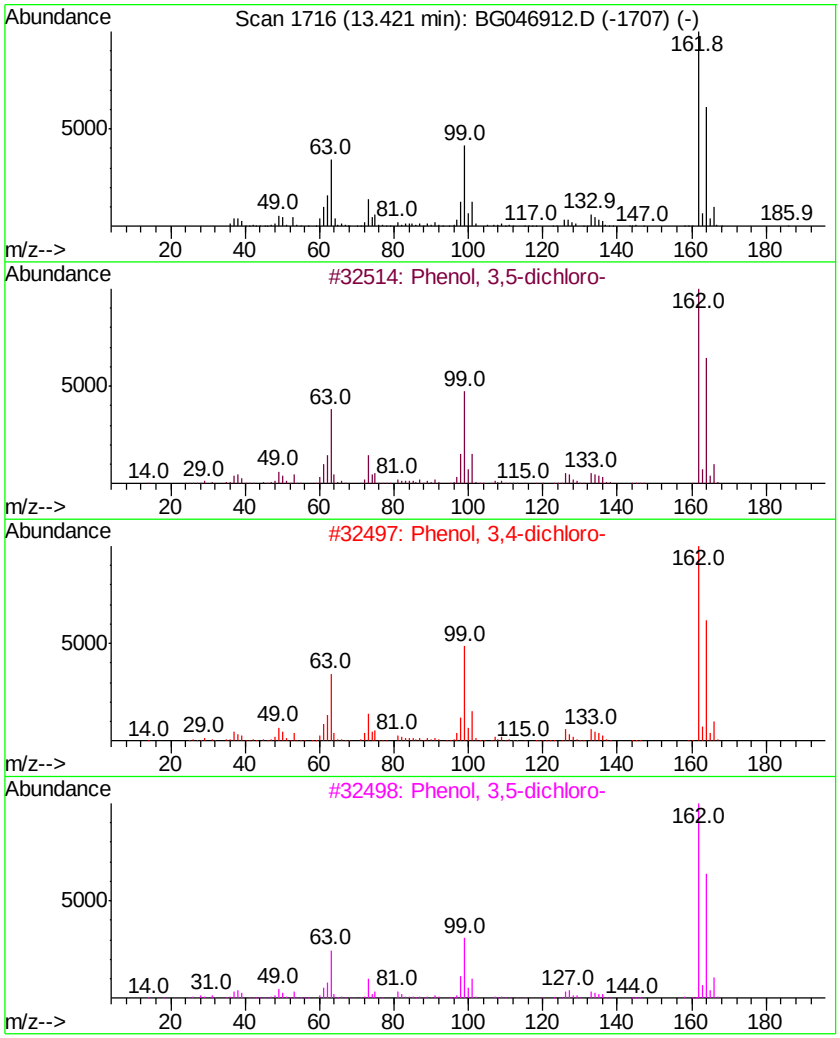
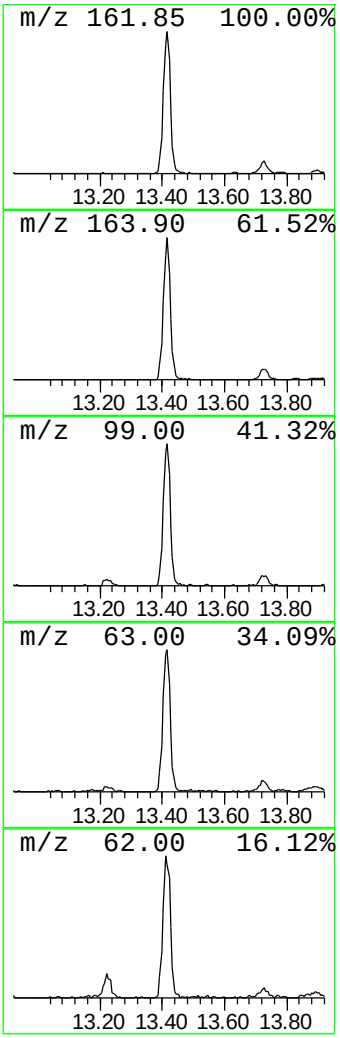
Peak Number 12 Phenol, 3,5-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	21.77 ng/ul	1000860	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	98
2	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	98
3	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	97
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	95
5	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	95





Library Search Compound Report

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Acq On : 15 Oct 2020 3:54
Operator : CG/JU
Sample : L4259-08DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL

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Quant Title : SVOA CALIBRATION

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

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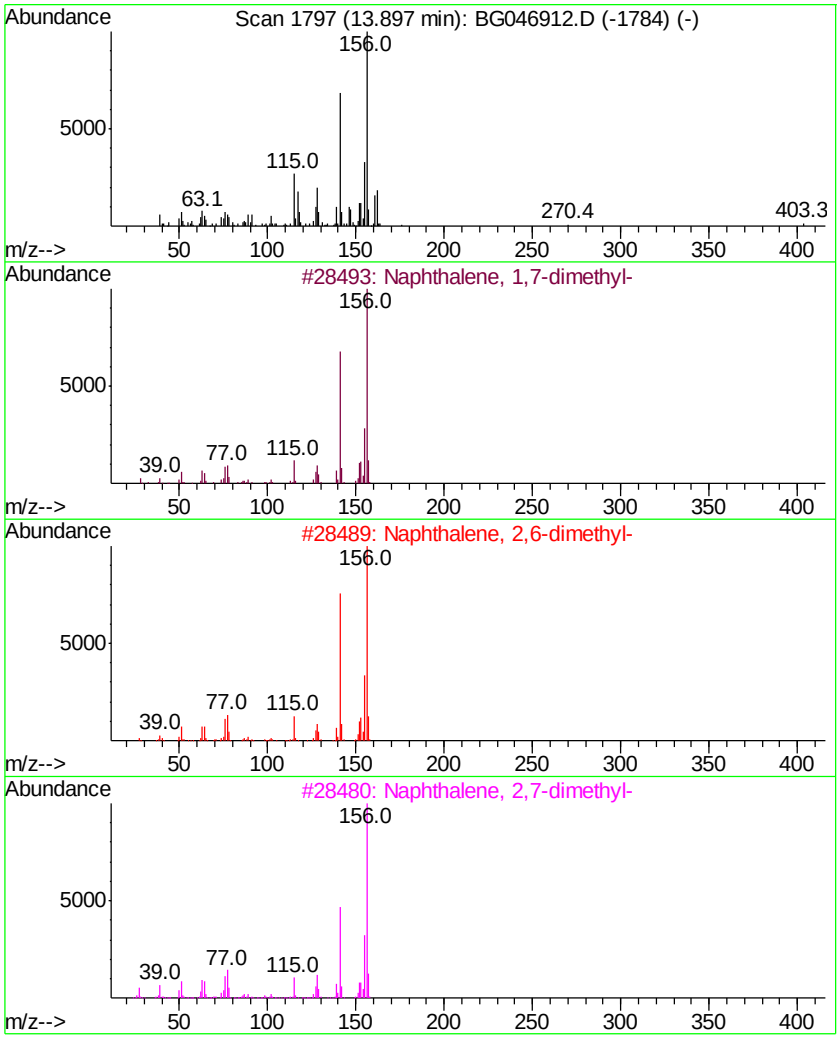
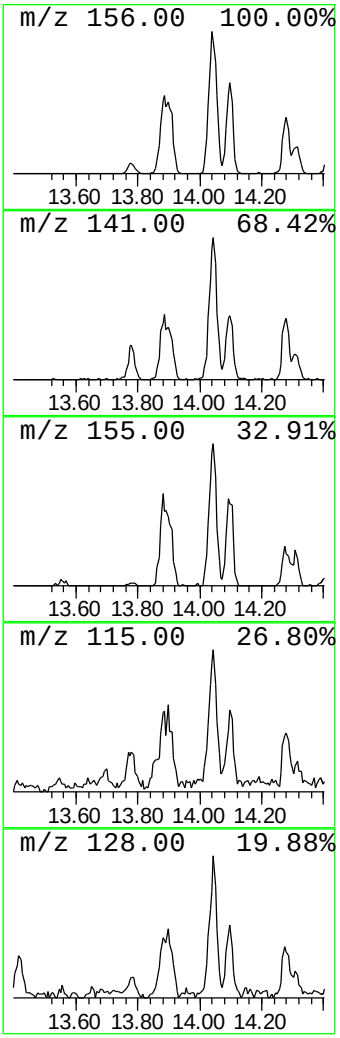
Peak Number 13 Naphthalene, 1,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	6.55 ng/ul	300964	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	86
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	86
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	81
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	81
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	76





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Data File : BG046912.D
Acq On : 15 Oct 2020 3:54
Operator : CG/JU
Sample : L4259-08DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL

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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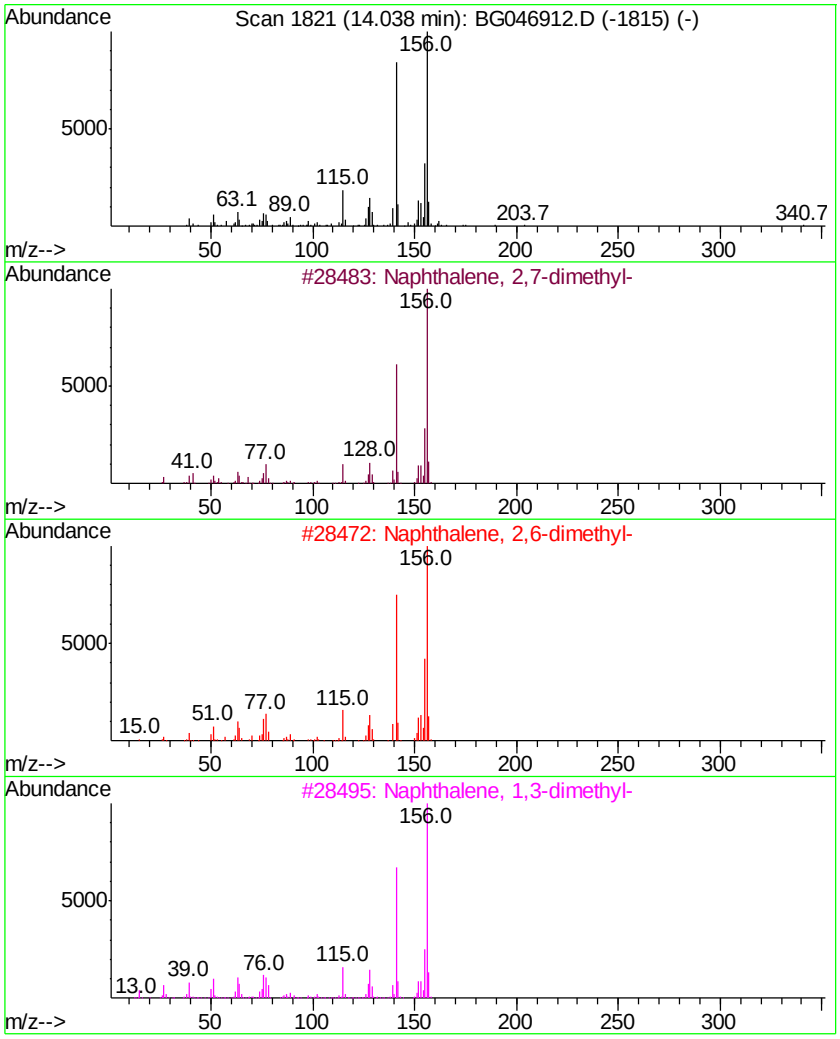
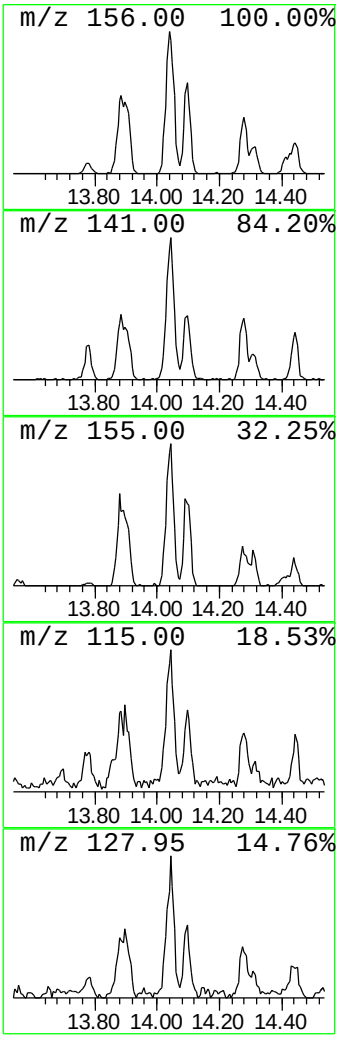
Peak Number 14 Naphthalene, 2,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	6.41 ng/ul	294837	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93





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Data File : BG046912.D
Acq On : 15 Oct 2020 3:54
Operator : CG/JU
Sample : L4259-08DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL

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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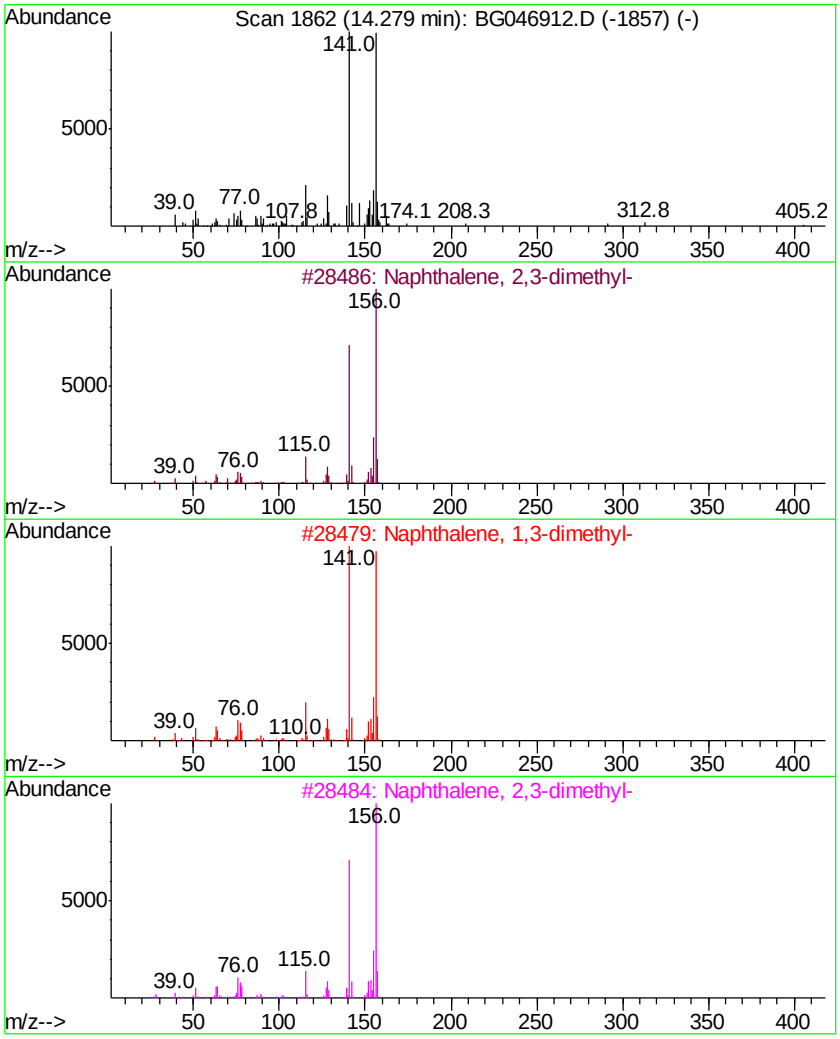
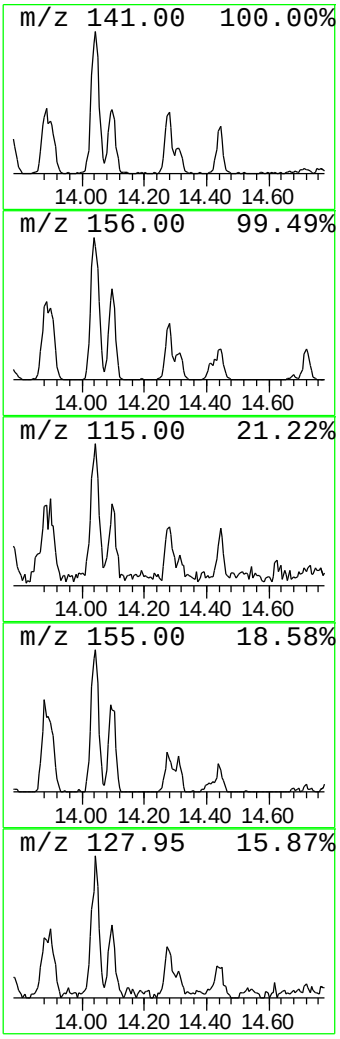
Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	2.07 ng/ul	95096	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93





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Data File : BG046912.D
Acq On : 15 Oct 2020 3:54
Operator : CG/JU
Sample : L4259-08DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL

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

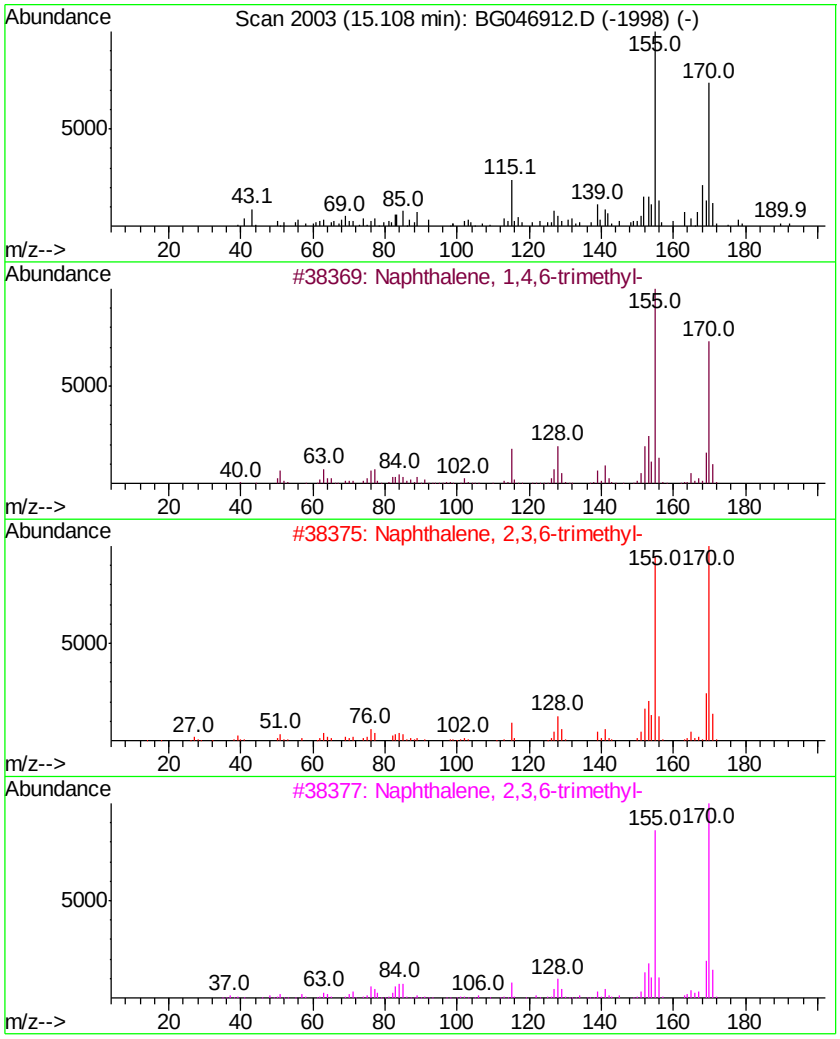
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

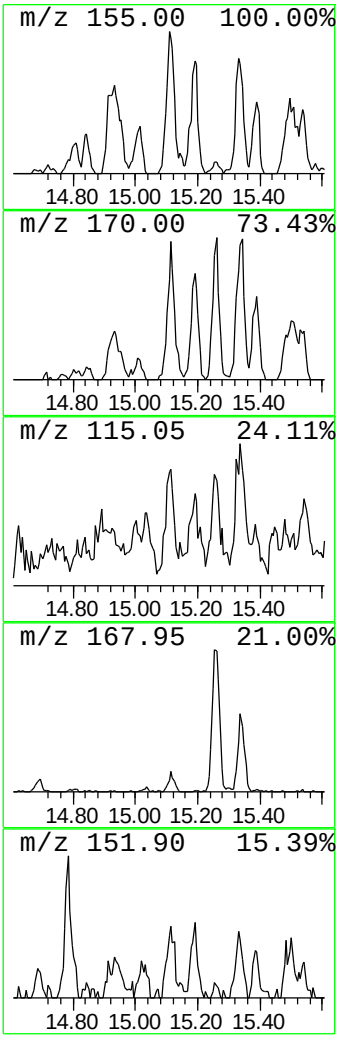
****

Peak Number 16 Naphthalene, 1,4,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	2.58 ng/ul	118847	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93





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Data File : BG046912.D
Acq On : 15 Oct 2020 3:54
Operator : CG/JU
Sample : L4259-08DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL

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

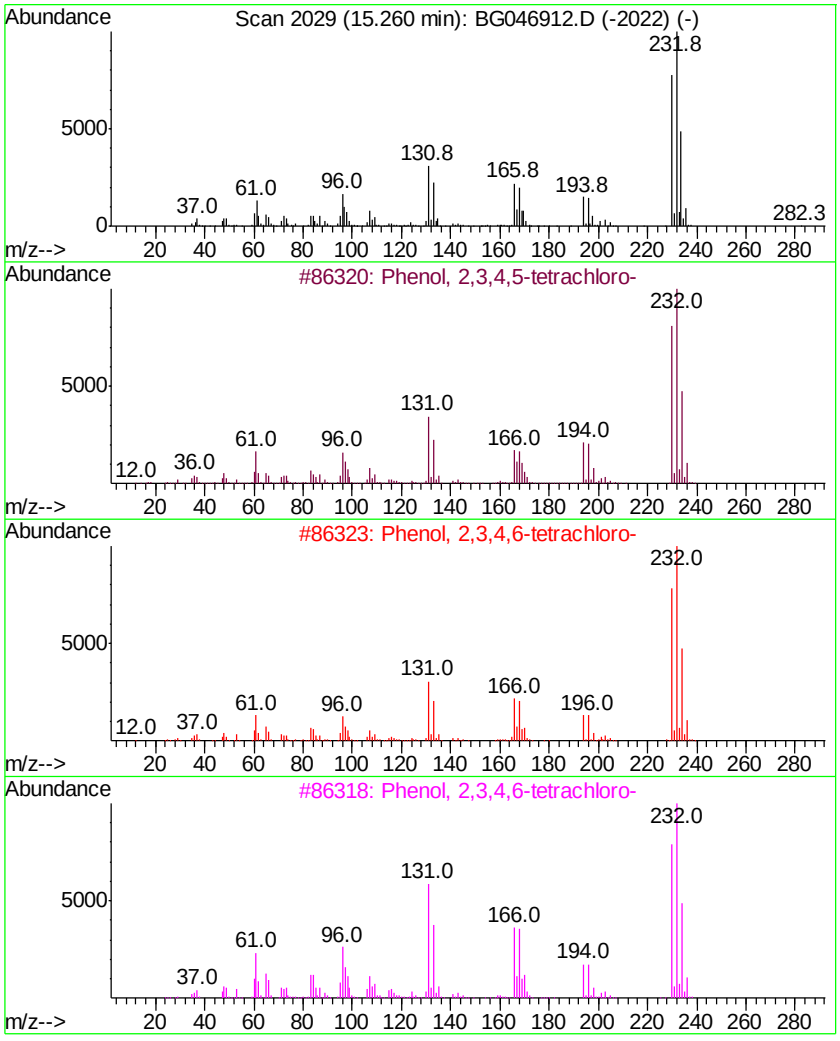
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

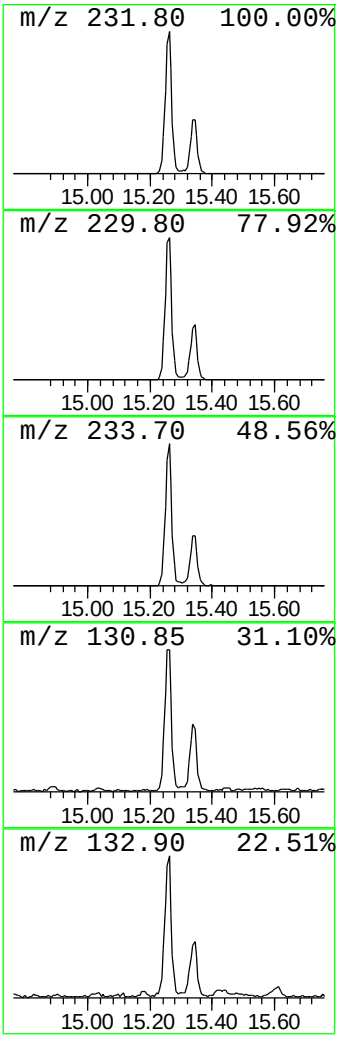
****

Peak Number 17 Phenol, 2,3,4,5-tetrachloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	28.02 ng/ul	1288540	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,4,5-tetrachloro-	230	C6H2Cl4O	004901-51-3	99
2	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	99
3	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	99
4	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	99
5	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	94





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Data File : BG046912.D
Acq On : 15 Oct 2020 3:54
Operator : CG/JU
Sample : L4259-08DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL

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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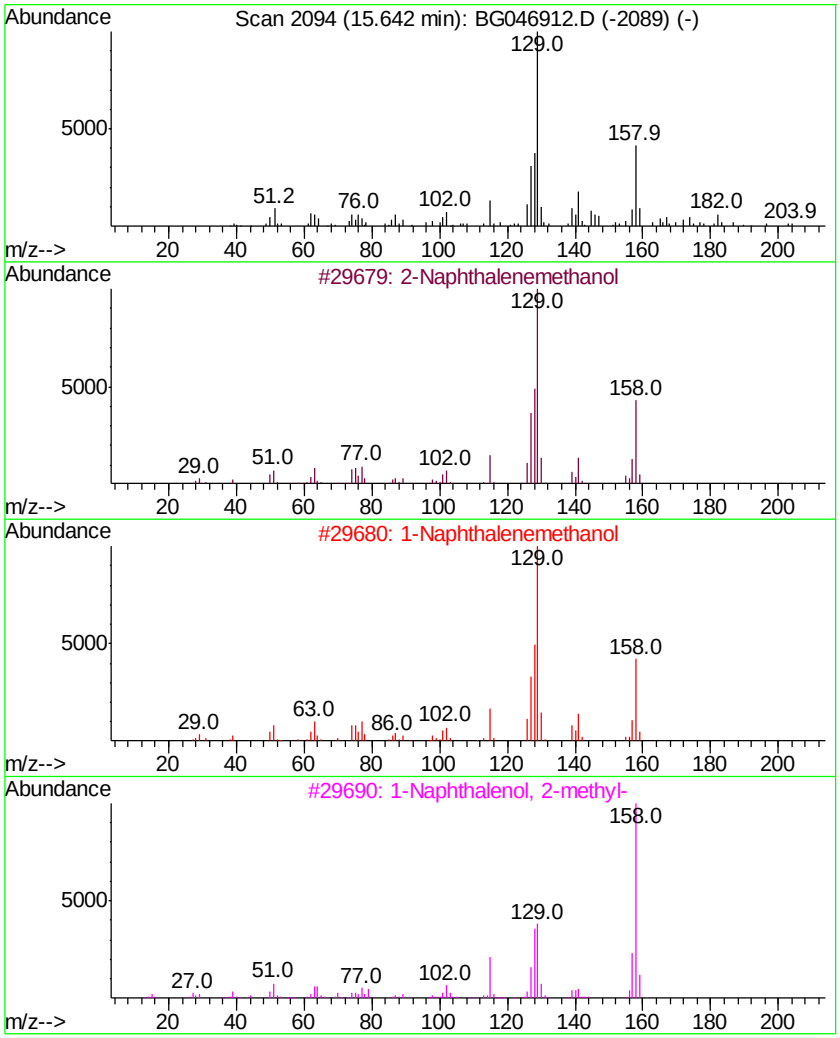
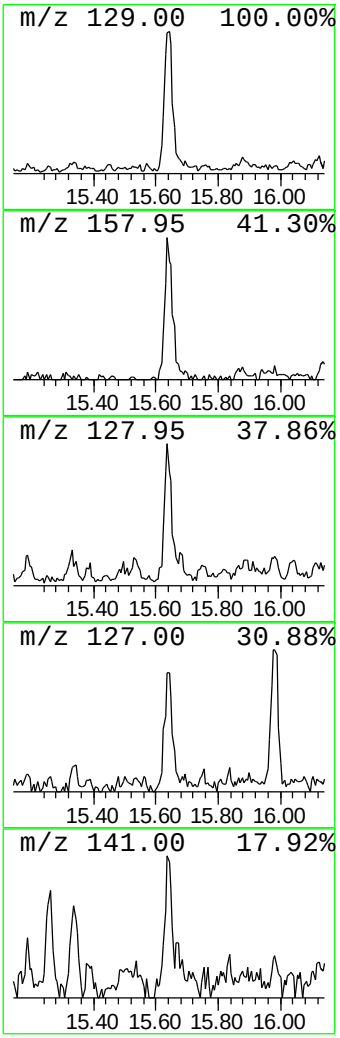
Peak Number 18 2-Naphthalenemethanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	3.03 ng/ul	139535	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenemethanol	158	C11H10O	001592-38-7	95
2	1-Naphthalenemethanol	158	C11H10O	004780-79-4	94
3	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	81
4	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	76
5	1,4-Methanonaphthalen-9-ol, 1,4-...	158	C11H10O	004796-33-2	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046912.D
Acq On : 15 Oct 2020 3:54
Operator : CG/JU
Sample : L4259-08DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL

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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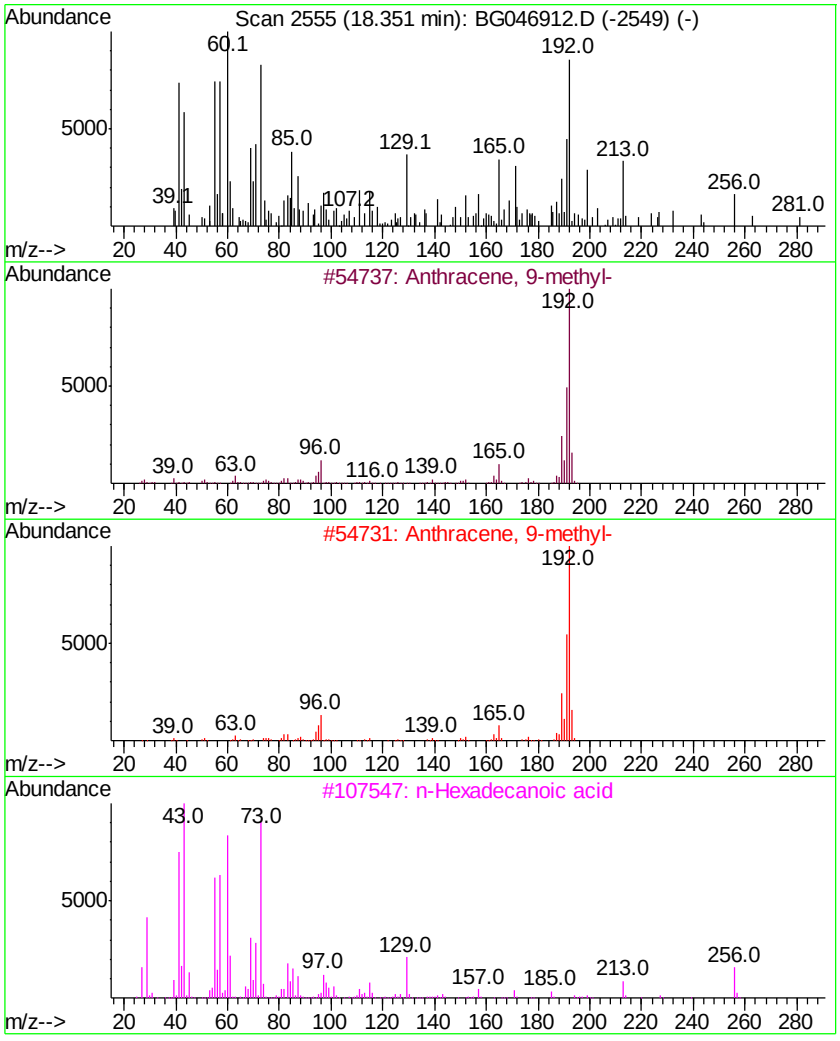
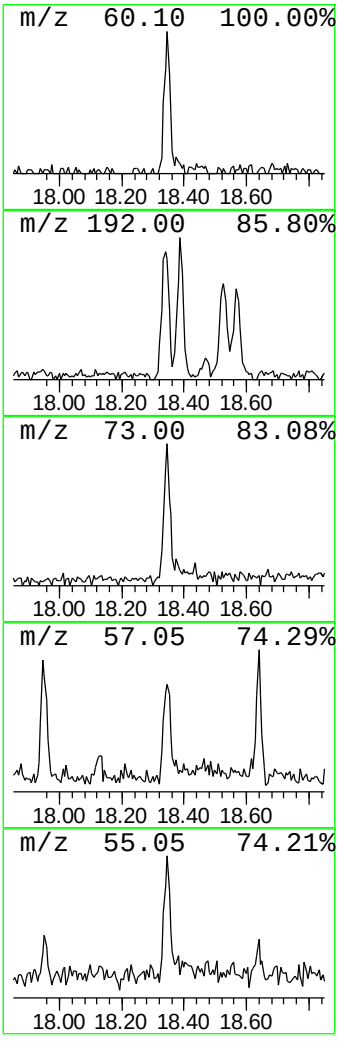
Peak Number 19 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	2.28 ng/ul	128053	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	42
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	42
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	38
4	Tridecanoic acid	214	C13H26O2	000638-53-9	38
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	38





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Data File : BG046912.D
Acq On : 15 Oct 2020 3:54
Operator : CG/JU
Sample : L4259-08DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL

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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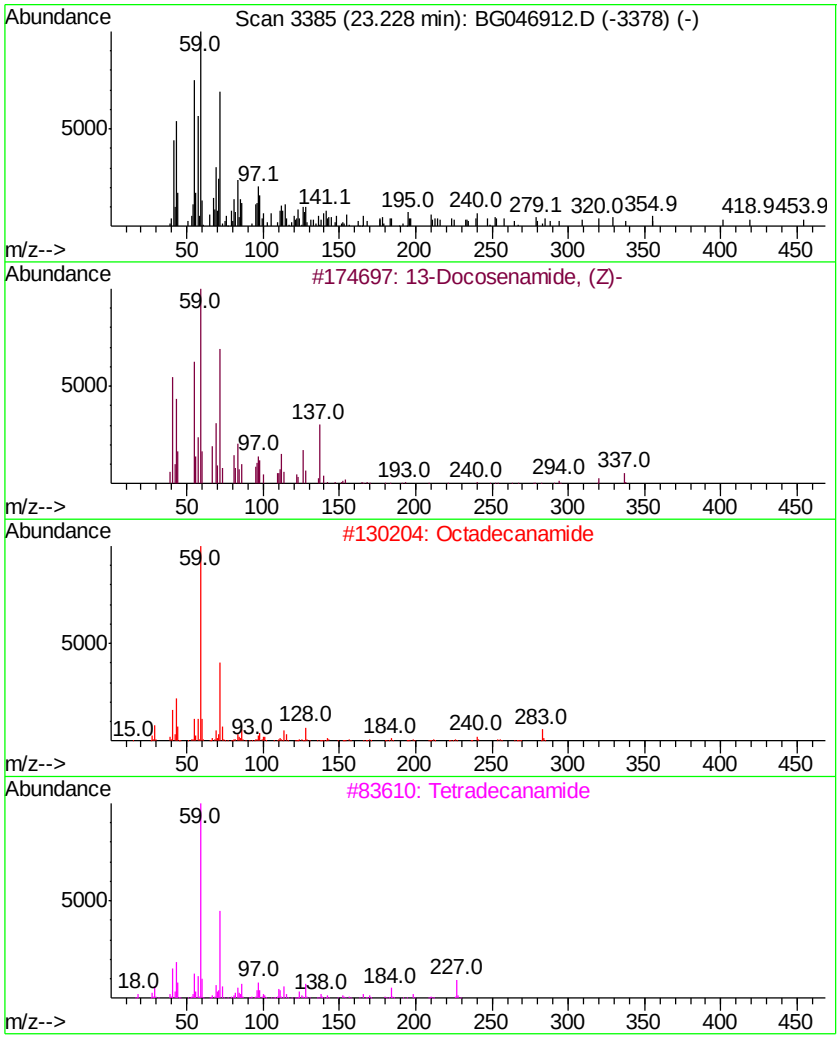
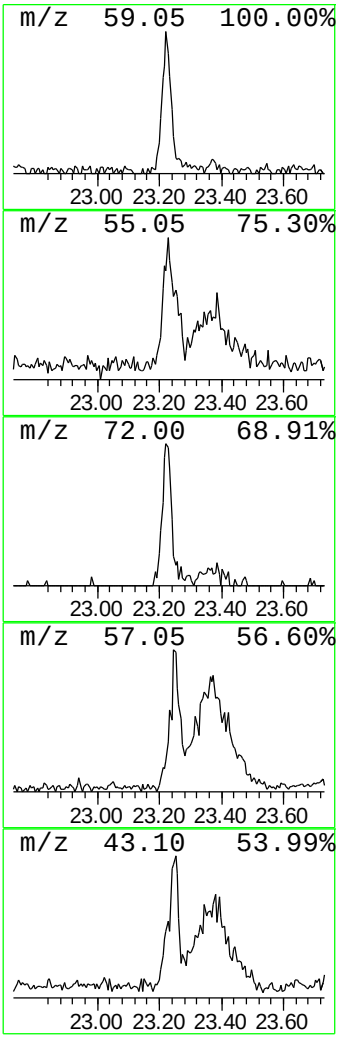
Peak Number 20 13-Docosenamide, (Z)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.23	2.51 ng/ul	171143	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	62
2	Octadecanamide	283	C18H37NO	000124-26-5	62
3	Tetradecanamide	227	C14H29NO	000638-58-4	62
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	62
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	62





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Data File : BG046912.D
Acq On : 15 Oct 2020 3:54
Operator : CG/JU
Sample : L4259-08DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL

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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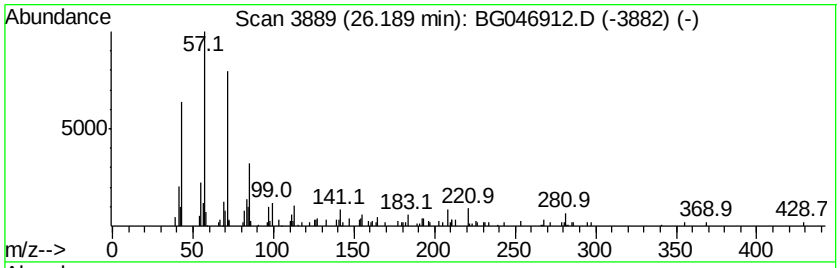
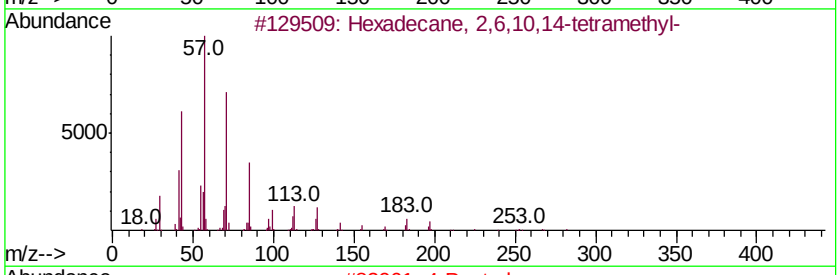
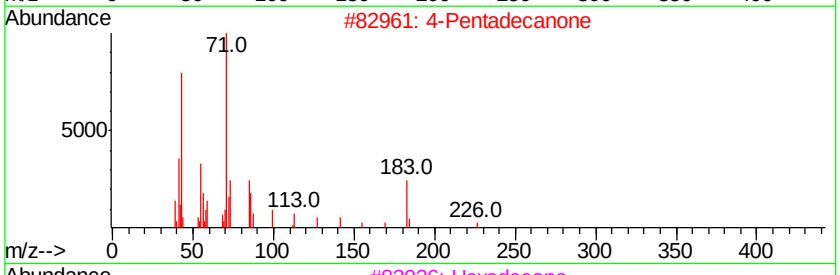
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 20

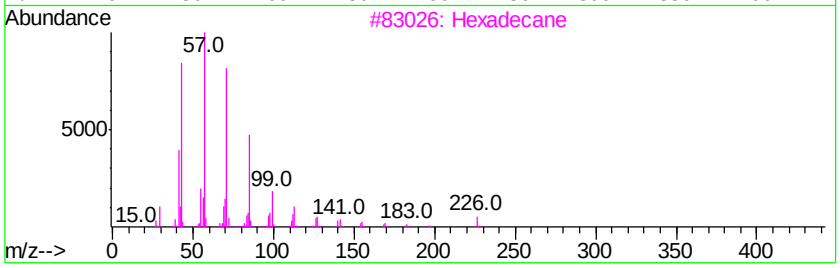
R.T.	EstConc	Area	Relative to ISTD	R.T.
26.19	2.22 ng/ul	164227	Perylene-d12	25.00

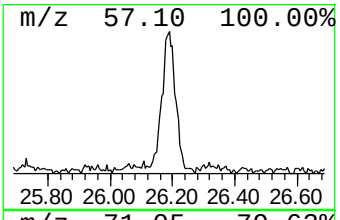
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	76
2	4-Pentadecanone	226	C15H30O	000925-51-9	70
3	Hexadecane	226	C16H34	000544-76-3	68
4	Nonadecane	268	C19H40	000629-92-5	58
5	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	58

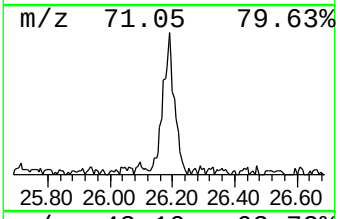


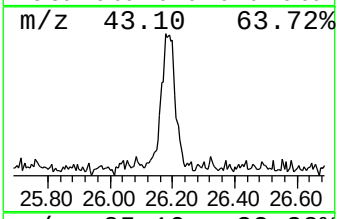


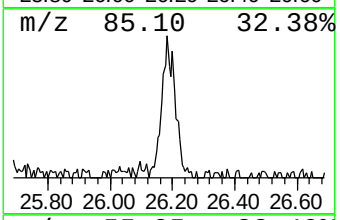


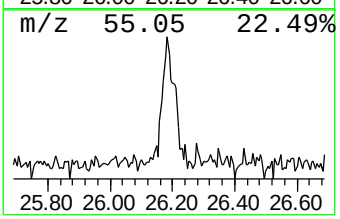












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101420\
Data File : BG046912.D
Acq On : 15 Oct 2020 3:54
Operator : CG/JU
Sample : L4259-08DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL

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
Benzene, 1,3-dime...	6.10	4.2	ng/ul	85948	1	8.10	407236	20.0
Benzene, 1-ethyl-...	7.48	4.4	ng/ul	88765	1	8.10	407236	20.0
Benzene, 1,2,3-tr...	7.75	11.4	ng/ul	231723	1	8.10	407236	20.0
Benzene, 1-ethyl-...	8.21	11.3	ng/ul	229457	1	8.10	407236	20.0
Benzene, 1-methyl...	9.20	2.9	ng/ul	58418	1	8.10	407236	20.0
Benzene, 1,2,3,4-...	9.79	2.3	ng/ul	67297	2	10.91	577138	20.0
2,4-Dimethylstyrene	10.31	4.3	ng/ul	125168	2	10.91	577138	20.0
Phenol, 3-chloro-	10.75	2.7	ng/ul	76702	2	10.91	577138	20.0
Benzenemethanol, ...	11.61	4.3	ng/ul	123975	2	10.91	577138	20.0
Ethanone, 1-(3,4-...	12.70	3.0	ng/ul	85431	2	10.91	577138	20.0
Naphthalene, 1-me...	12.78	14.3	ng/ul	413549	2	10.91	577138	20.0
Phenol, 3,5-dichl...	13.42	21.8	ng/ul	1000860	3	14.72	919664	20.0
Naphthalene, 1,7-...	13.90	6.5	ng/ul	300964	3	14.72	919664	20.0
Naphthalene, 2,7-...	14.04	6.4	ng/ul	294837	3	14.72	919664	20.0
Naphthalene, 2,3-...	14.28	2.1	ng/ul	95096	3	14.72	919664	20.0
Naphthalene, 1,4,...	15.11	2.6	ng/ul	118847	3	14.72	919664	20.0
Phenol, 2,3,4,5-t...	15.26	28.0	ng/ul	1288540	3	14.72	919664	20.0
2-Naphthalenemeth...	15.64	3.0	ng/ul	139535	3	14.72	919664	20.0
unknown-01	18.35	2.3	ng/ul	128053	4	17.47	1121370	20.0
13-Docosenamide, ...	23.23	2.5	ng/ul	171143	5	21.74	1362350	20.0
(DEL) Alkane: Str...	26.19	2.2	ng/ul	164227	6	25.00	1481530	20.0