LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046961.D
Acq On : 18 Oct 2020 5:06
Operator : CG/JU
Sample : L4259-13DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1DL

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-BG101520MA.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	7.218	653	660	667	rBV3	13593	26417	0.18%	0.091%
2	7.288	667	672	679	rVB	12546	19942	0.13%	0.069%
3	7.388	683	689	697	rBV	37617	60648	0.40%	0.209%
4	7.600	718	725	735	rVB2	42729	76464	0.51%	0.264%
5	7.717	740	745	750	rVB	22241	34439	0.23%	0.119%
6	8.070	795	805	819	rBV	205240	356810	2.37%	1.230%
7	8.181	819	824	833	rVB2	34129	56799	0.38%	0.196%
8	8.704	908	913	919	rVV3	19308	33797	0.22%	0.117%
9	8.769	919	924	931	rVB2	37466	63555	0.42%	0.219%
10	9.022	963	967	971	rBV2	15745	25146	0.17%	0.087%
11	9.080	971	977	981	rVB2	16823	25453	0.17%	0.088%
12	9.174	988	993	997	rBV3	22209	36096	0.24%	0.124%
13	9.227	997	1002	1016	rVB3	51279	119369	0.79%	0.412%
14	9.509	1043	1050	1057	rBV2	14633	27422	0.18%	0.095%
15	9.703	1078	1083	1087	rBV2	25580	38856	0.26%	0.134%
16	9.756	1087	1092	1100	rVB2	38750	67741	0.45%	0.234%
17	9.950	1116	1125	1132	rBV2	50047	99021	0.66%	0.341%
18	10.067	1140	1145	1151	rVB7	12494	20119	0.13%	0.069%
19	10.273	1174	1180	1188	rVV3	61456	115137	0.76%	0.397%
20	10.496	1212	1218	1226	rVV3	74596	162368	1.08%	0.560%
21	10.878	1272	1283	1289	rBV	292962	538316	3.57%	1.856%
22	11.237	1337	1344	1349	rBV5	10468	24607	0.16%	0.085%
23	11.348	1357	1363	1368	rVB5	11883	21836	0.14%	0.075%
24	11.460	1375	1382	1386	rBV4	10214	20765	0.14%	0.072%
25	11.577	1393	1402	1410	rVB7	22548	47661	0.32%	0.164%
26	11.789	1433	1438	1442	rBV2	12349	18782	0.12%	0.065%
27	11.977	1464	1470	1475	rBV5	14364	24451	0.16%	0.084%
28	12.065	1480	1485	1490	rBV4	9466	17465	0.12%	0.060%
29	12.200	1499	1508	1511	rBV7	8035	17012	0.11%	0.059%
30	12.747	1592	1601	1611	rBV	441834	733784	4.87%	2.530%
31	12.911	1623	1629	1632	rBV8	8458	16788	0.11%	0.058%
32	13.223	1678	1682	1690	rVB7	17997	43746	0.29%	0.151%
33	13.522	1725	1733	1739	rVB3	36479	68760	0.46%	0.237%
34	13.628	1746	1751	1756	rBV9	10384	22741	0.15%	0.078%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046961.D
Acq On : 18 Oct 2020 5:06
Operator : CG/JU
Sample : L4259-13DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1DL

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-BG101520MA.M
Title : SVOA CALIBRATION

35	13.751	1767	1772	1778	rVB	52287	85207	0.57%	0.294%
36	13.857	1785	1790	1800	rVB2	89213	224521	1.49%	0.774%
37	14.016	1807	1817	1822	rBV2	228991	410989	2.73%	1.417%
38	14.092	1822	1830	1836	rVV2	170256	395263	2.62%	1.363%
39	14.163	1836	1842	1847	rVB8	18977	43768	0.29%	0.151%
40	14.251	1853	1857	1860	rBV	67381	98659	0.65%	0.340%
41	14.286	1860	1863	1872	rVB	51617	77921	0.52%	0.269%
42	14.386	1875	1880	1884	rBV	156783	264444	1.76%	0.912%
43	14.586	1909	1914	1919	rBV4	22615	35276	0.23%	0.122%
44	14.656	1921	1926	1927	rBV4	28510	35324	0.23%	0.122%
45	14.697	1927	1933	1939	rVV2	513126	801820	5.32%	2.765%
46	14.762	1939	1944	1950	rVB4	42968	79333	0.53%	0.274%
47	14.897	1957	1967	1976	rVB9	36094	108563	0.72%	0.374%
48	15.003	1980	1985	1989	rVB5	13956	27748	0.18%	0.096%
49	15.091	1994	2000	2007	rVV3	48013	92913	0.62%	0.320%
50	15.167	2007	2013	2018	rVV2	43006	74478	0.49%	0.257%
51	15.232	2018	2024	2030	rVV	238991	375834	2.50%	1.296%
52	15.314	2030	2038	2044	rVV	687625	1066066	7.08%	3.676%
53	15.361	2044	2046	2051	rVB2	30030	37520	0.25%	0.129%
54	15.479	2059	2066	2070	rBV7	23280	59576	0.40%	0.205%
55	15.614	2084	2089	2096	rBV	209306	366605	2.43%	1.264%
56	15.684	2096	2101	2106	rVB	213619	330883	2.20%	1.141%
57	15.737	2106	2110	2115	rVB3	38423	52782	0.35%	0.182%
58	15.796	2115	2120	2124	rBV3	55483	84200	0.56%	0.290%
59	15.866	2124	2132	2134	rBV4	32065	81947	0.54%	0.283%
60	15.955	2142	2147	2153	rVB7	31700	62598	0.42%	0.216%
61	16.031	2155	2160	2168	rVB10	19071	44239	0.29%	0.153%
62	16.190	2184	2187	2193	rVB6	16115	23681	0.16%	0.082%
63	16.278	2193	2202	2208	rBV8	17596	45755	0.30%	0.158%
64	16.413	2214	2225	2232	rBV8	45429	137283	0.91%	0.473%
65	16.583	2250	2254	2257	rVV5	16608	25261	0.17%	0.087%
66	16.718	2272	2277	2279	rBV3	29836	42831	0.28%	0.148%
67	16.795	2286	2290	2293	rBV3	26360	34576	0.23%	0.119%
68	17.106	2333	2343	2353	rBV	8940614	15062572	100.00%	51.938%
69	17.188	2354	2357	2361	rVB3	24373	31404	0.21%	0.108%
70	17.441	2394	2400	2405	rBV	665912	973357	6.46%	3.356%
71	17.482	2405	2407	2411	rVB	55587	69594	0.46%	0.240%

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Sample : L4259-13DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1DL

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-BG101520MA.M
Title : SVOA CALIBRATION

72	17.541	2411	2417	2422	rBV	244594	361244	2.40%	1.246%
73	17.847	2465	2469	2475	rBV9	13713	26740	0.18%	0.092%
74	17.929	2479	2483	2489	rVB8	23623	39472	0.26%	0.136%
75	18.317	2545	2549	2553	rBV3	55881	74055	0.49%	0.255%
76	18.364	2554	2557	2562	rVB2	33022	43576	0.29%	0.150%
77	18.499	2576	2580	2584	rBV4	35541	60431	0.40%	0.208%
78	18.546	2585	2588	2592	rVB3	24036	34838	0.23%	0.120%
79	18.616	2597	2600	2604	rVB6	15694	20471	0.14%	0.071%
80	19.227	2699	2704	2709	rVB4	26721	44385	0.29%	0.153%
81	19.586	2762	2765	2773	rVB10	15936	27520	0.18%	0.095%
82	19.821	2799	2805	2816	rVB	321736	496058	3.29%	1.710%
83	21.348	3061	3065	3070	rBV7	27992	38467	0.26%	0.133%
84	21.707	3120	3126	3132	rVB2	643888	1022974	6.79%	3.527%
85	24.715	3631	3638	3648	rBV2	145178	383078	2.54%	1.321%
86	24.950	3668	3678	3686	rBV	415864	1380449	9.16%	4.760%

Sum of corrected areas: 29000862

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046961.D
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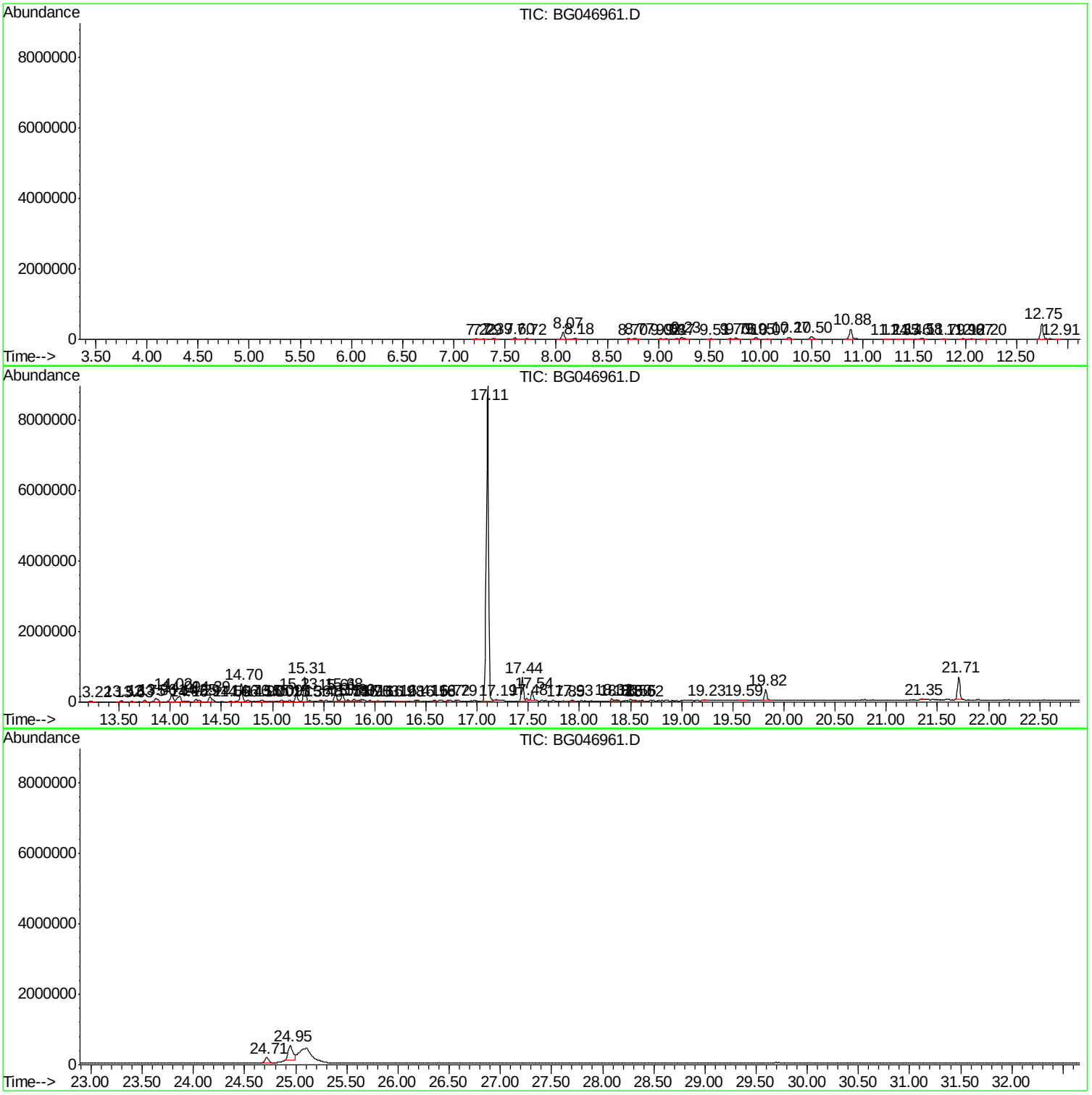
Operator : CG/JU
Sample : L4259-13DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C5CG1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.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\BG101720\
Data File : BG046961.D
Acq On : 18 Oct 2020 5:06
Operator : CG/JU
Sample : L4259-13DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

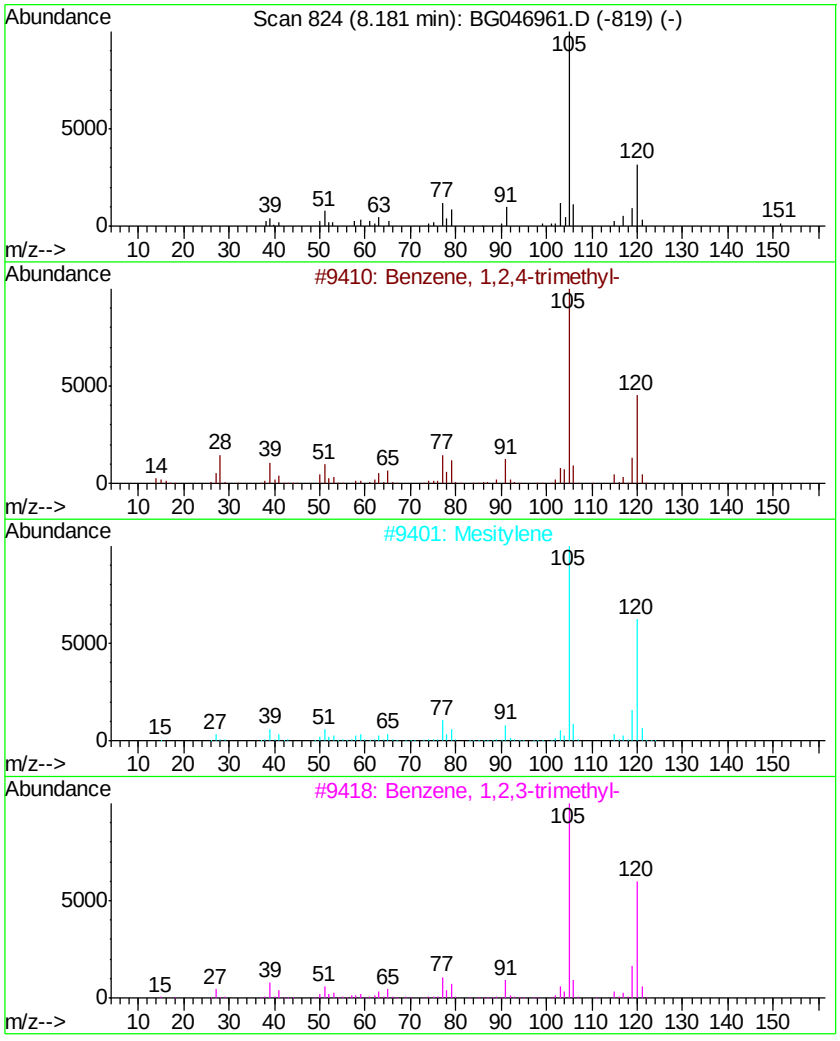
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

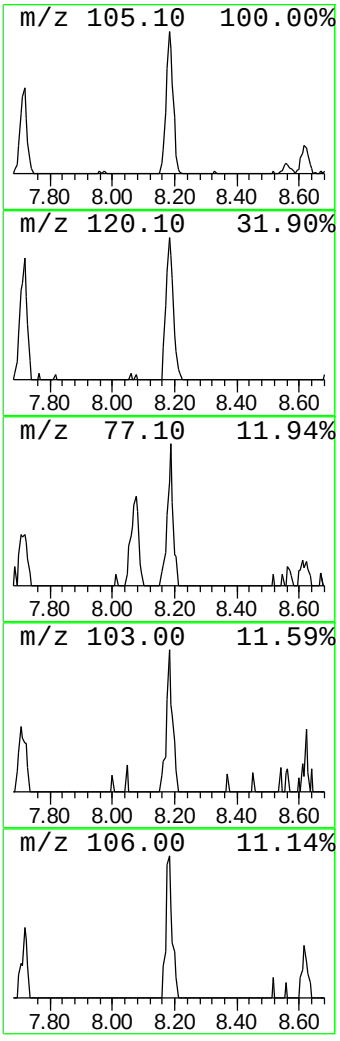
****

Peak Number 1 Benzene, 1,2,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	3.18 ng/ul	56799	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
5	Mesitylene	120	C9H12	000108-67-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046961.D
Acq On : 18 Oct 2020 5:06
Operator : CG/JU
Sample : L4259-13DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

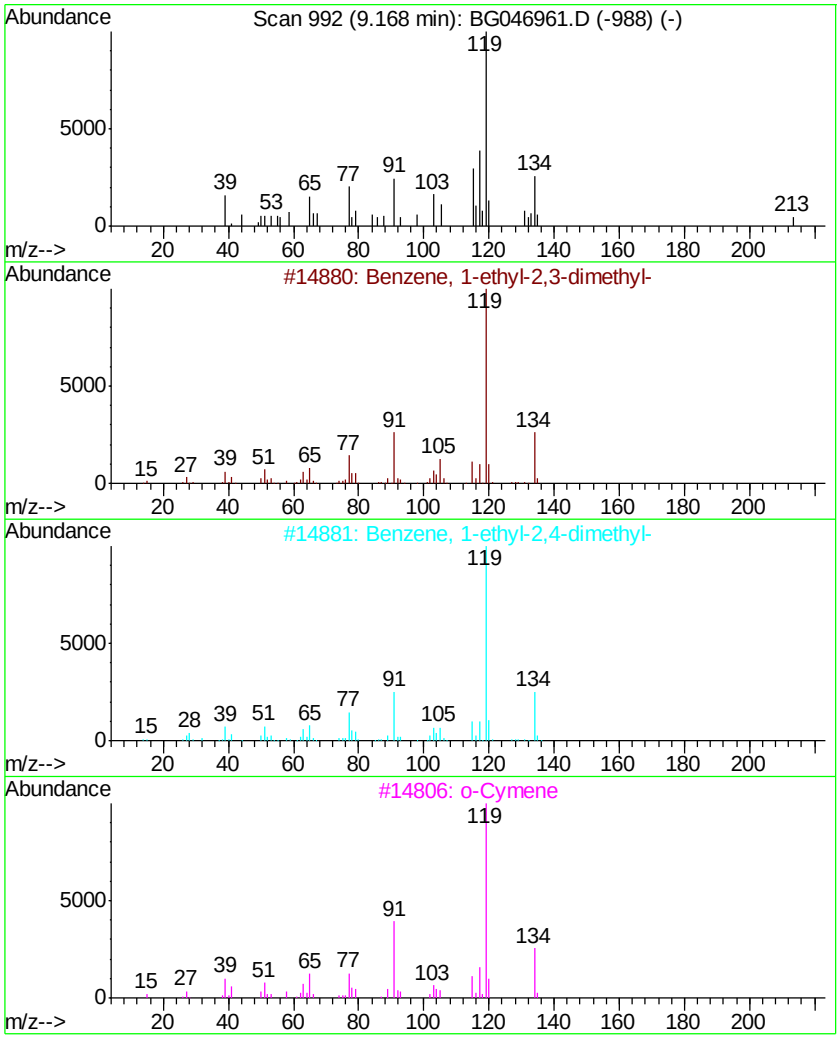
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

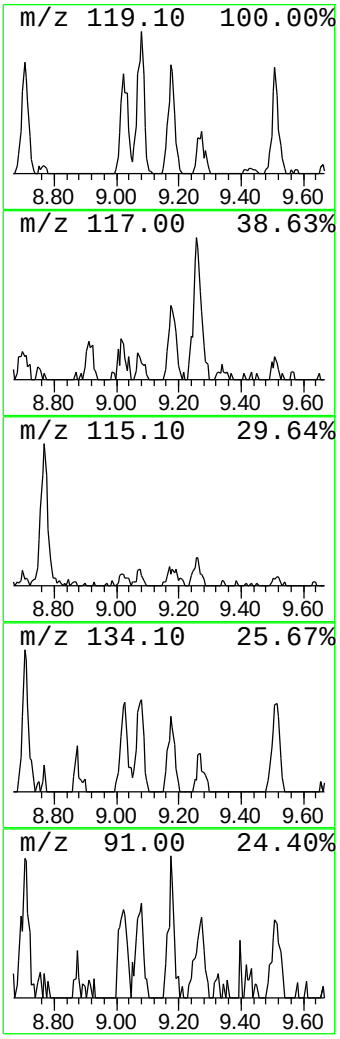
****

Peak Number 2 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	2.02 ng/ul	36096	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	68
3	o-Cymene	134	C10H14	000527-84-4	68
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046961.D
Acq On : 18 Oct 2020 5:06
Operator : CG/JU
Sample : L4259-13DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

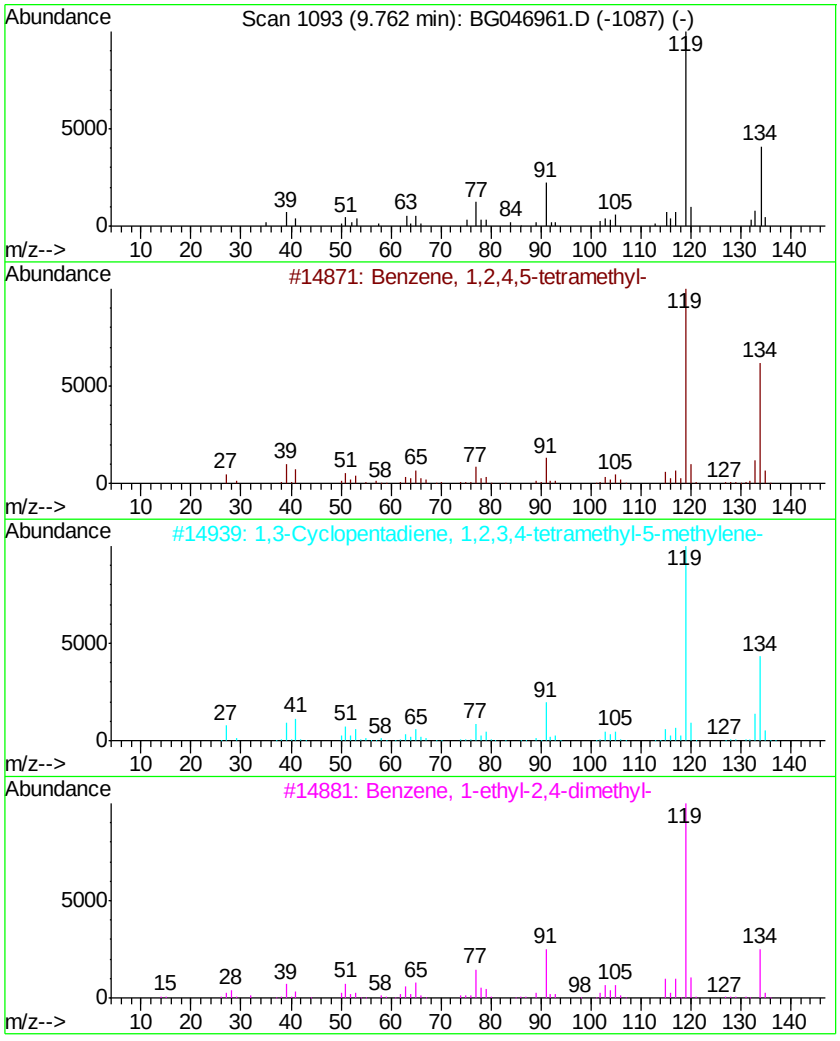
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

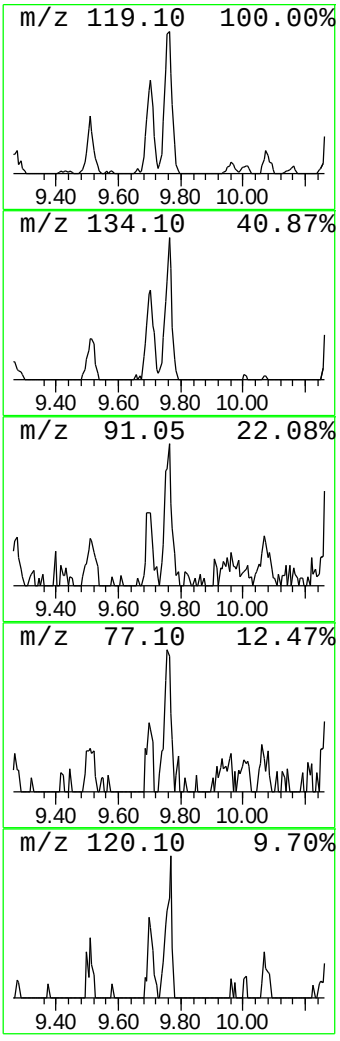
****

Peak Number 3 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	2.52 ng/ul	67741	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	90
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87





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Data File : BG046961.D
Acq On : 18 Oct 2020 5:06
Operator : CG/JU
Sample : L4259-13DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

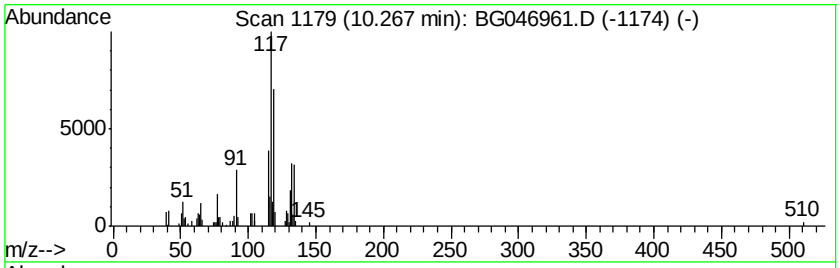
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

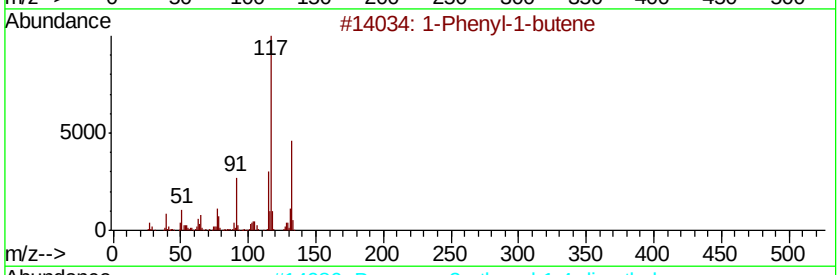
****

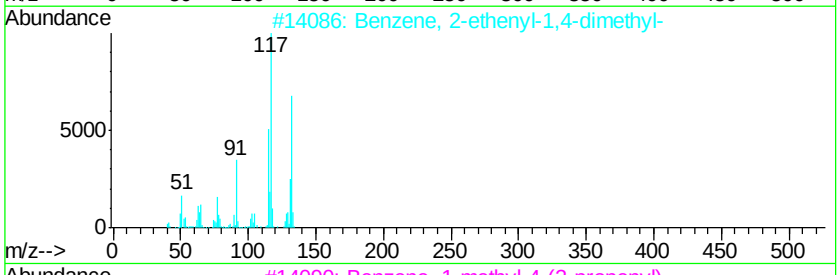
Peak Number 4 1-Phenyl-1-butene Concentration Rank 6

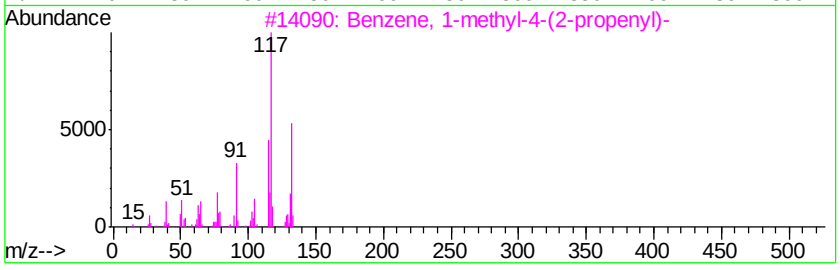
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	4.28 ng/ul	115137	Naphthalene-d8	10.88

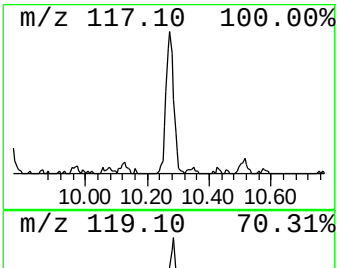
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	70
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70

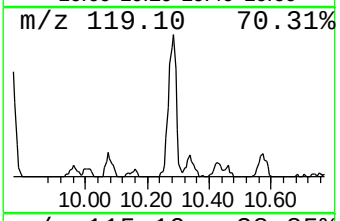


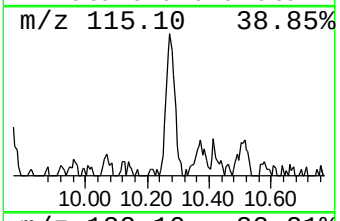


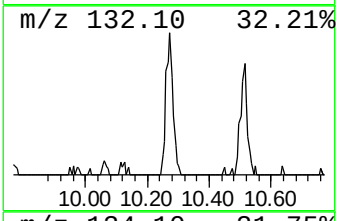


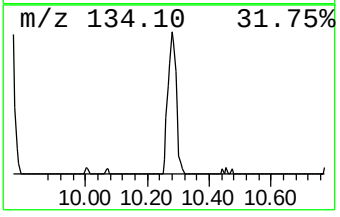












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046961.D
Acq On : 18 Oct 2020 5:06
Operator : CG/JU
Sample : L4259-13DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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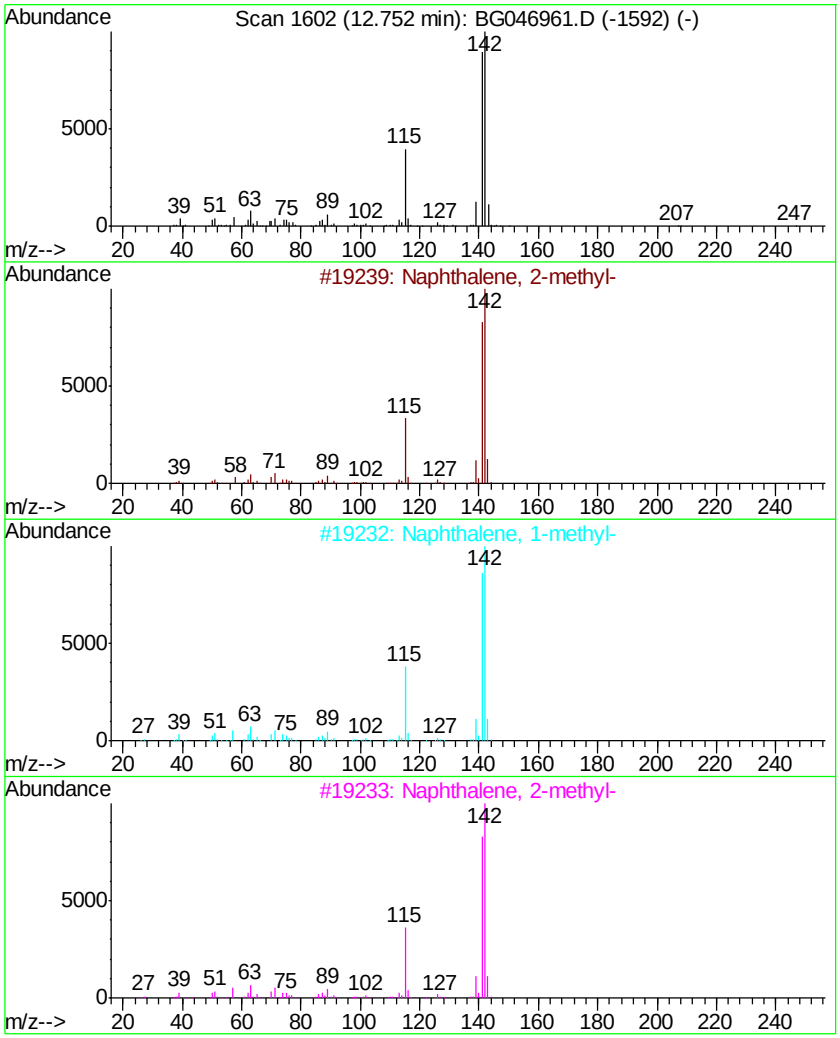
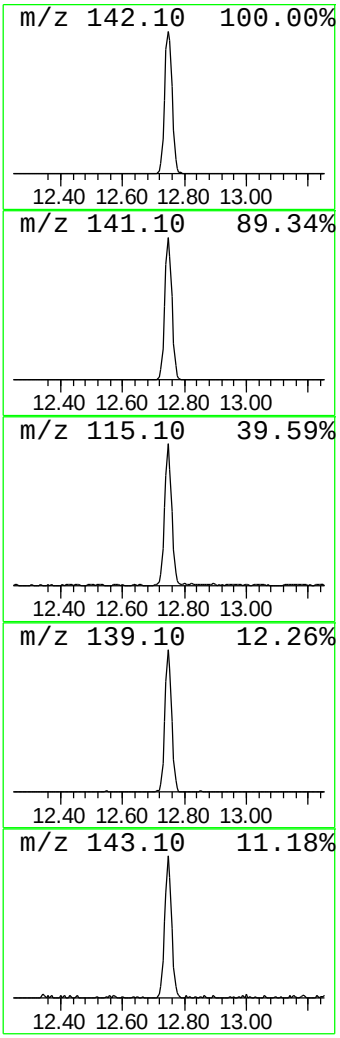
Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	27.26 ng/ul	733784	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





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Data File : BG046961.D
Acq On : 18 Oct 2020 5:06
Operator : CG/JU
Sample : L4259-13DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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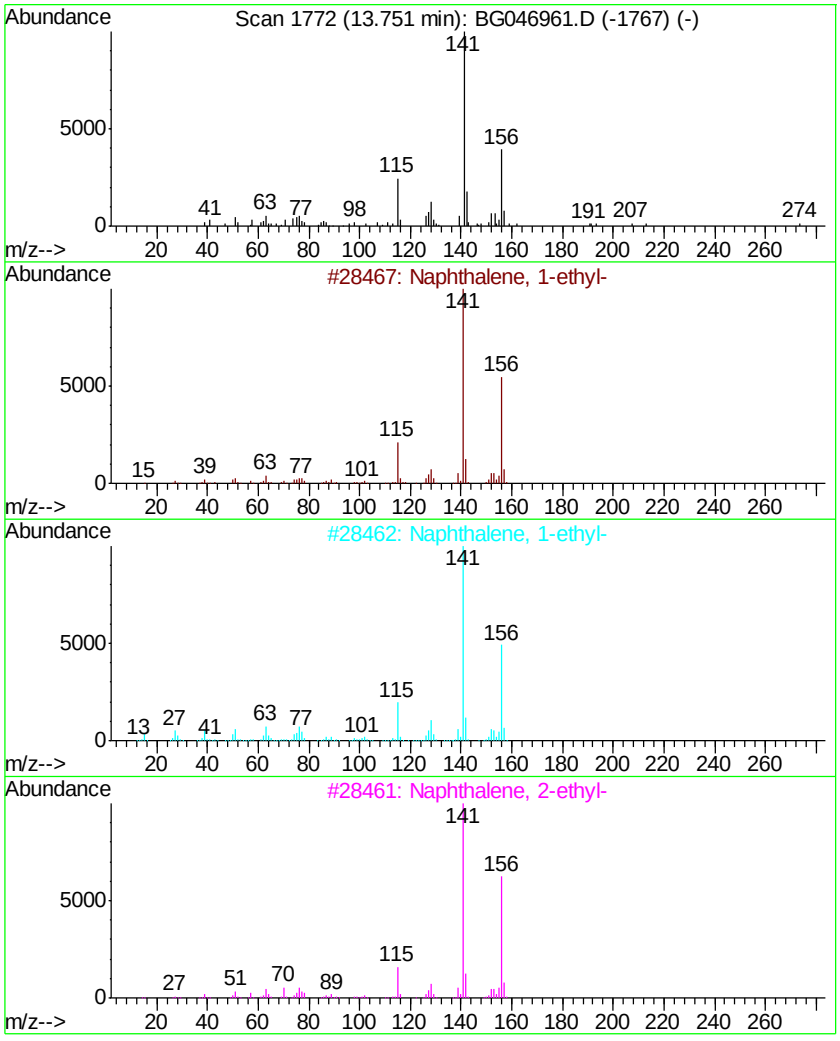
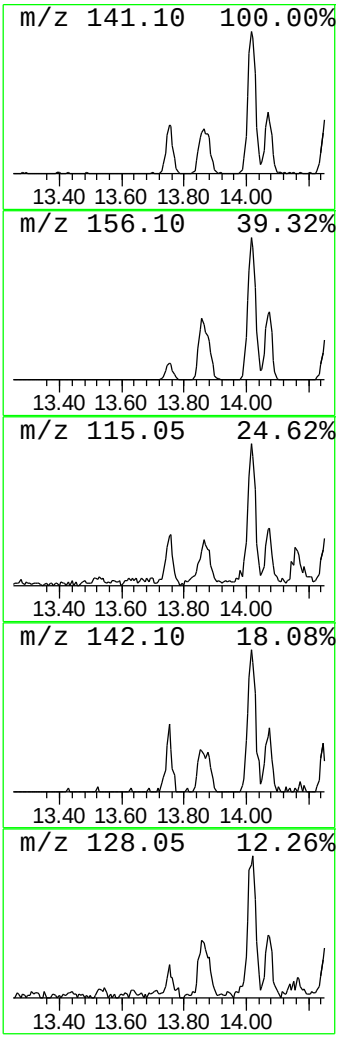
Peak Number 6 Naphthalene, 1-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	2.13 ng/ul	85207	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90





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Acq On : 18 Oct 2020 5:06
Operator : CG/JU
Sample : L4259-13DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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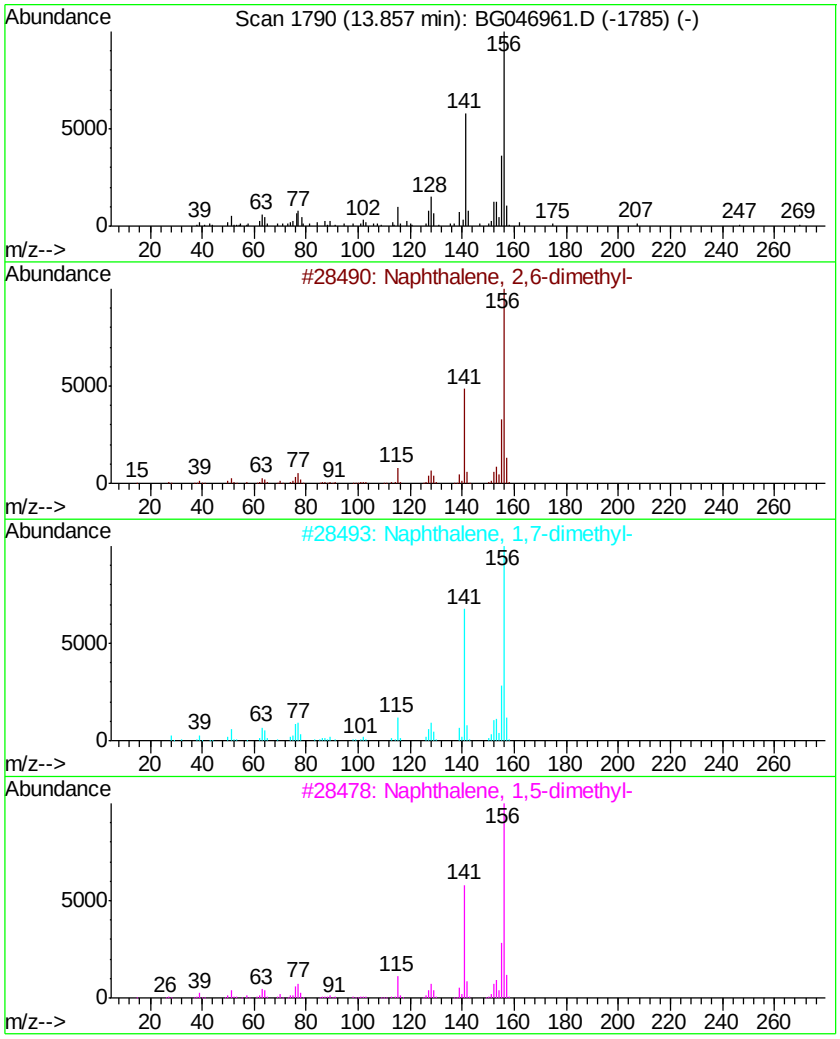
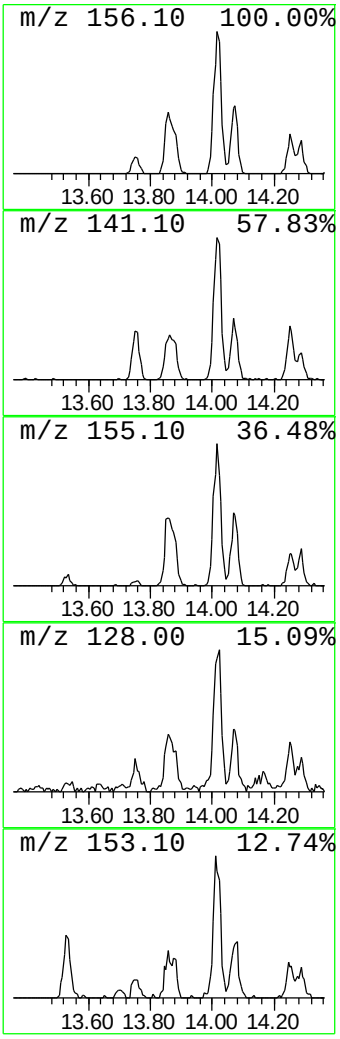
Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	5.60 ng/ul	224521	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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Operator : CG/JU
Sample : L4259-13DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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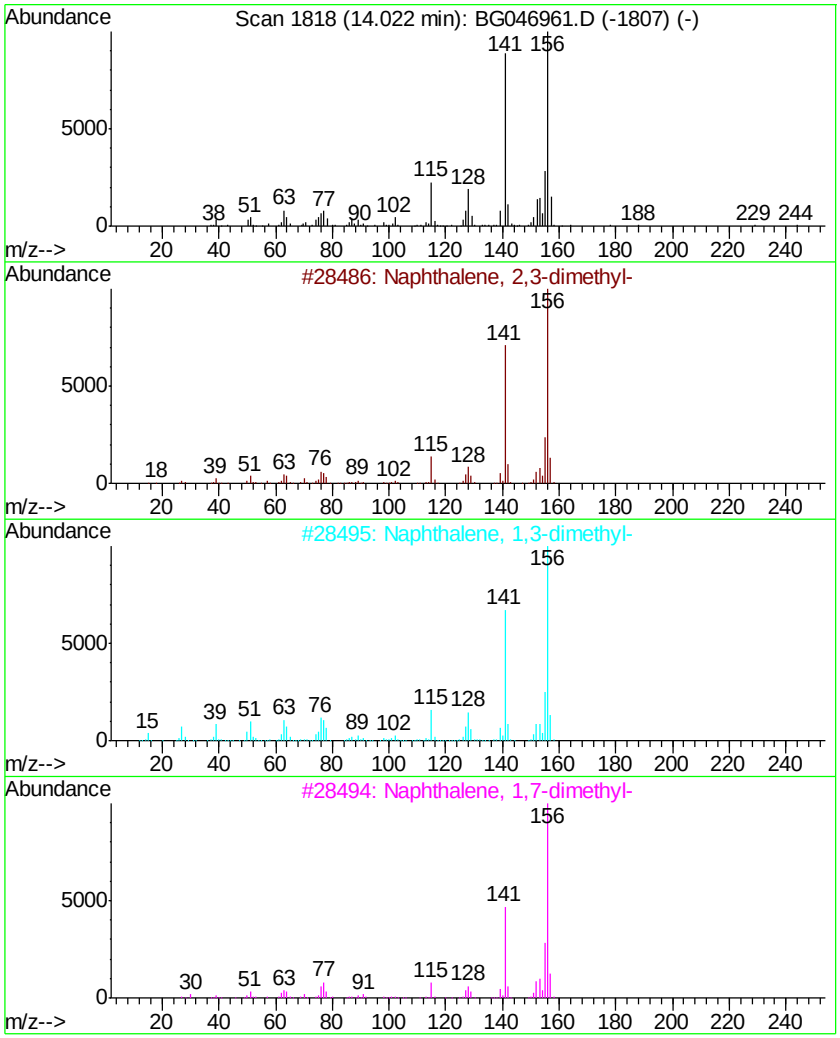
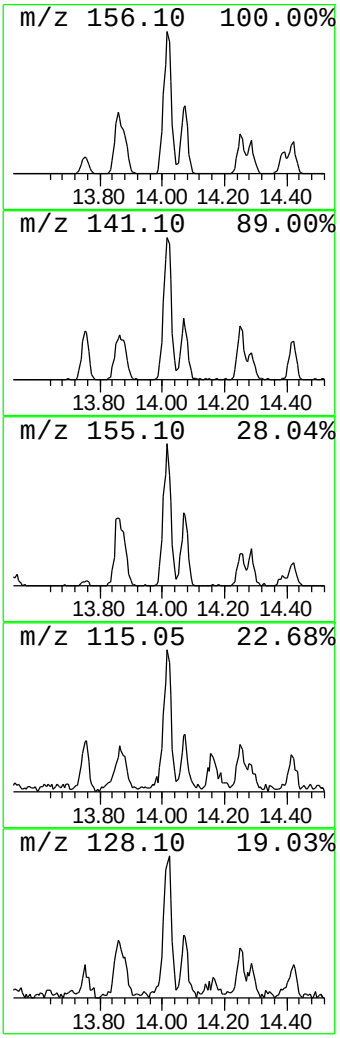
Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	10.25 ng/ul	410989	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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Acq On : 18 Oct 2020 5:06
Operator : CG/JU
Sample : L4259-13DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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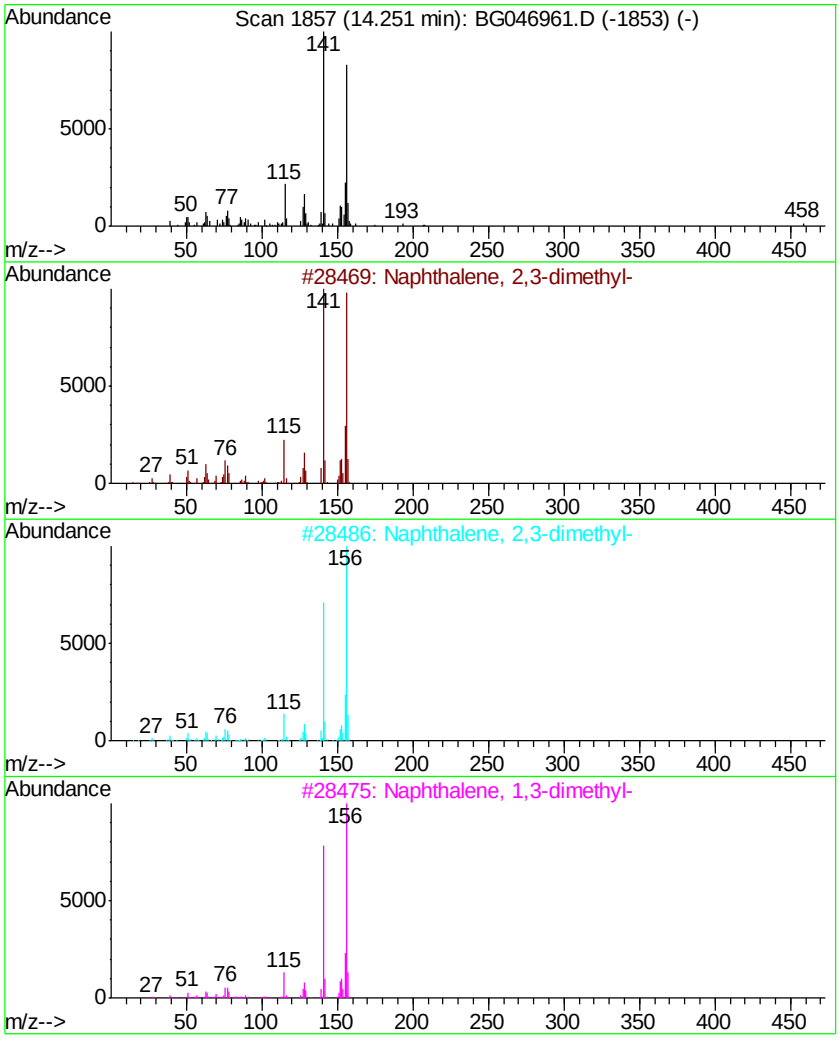
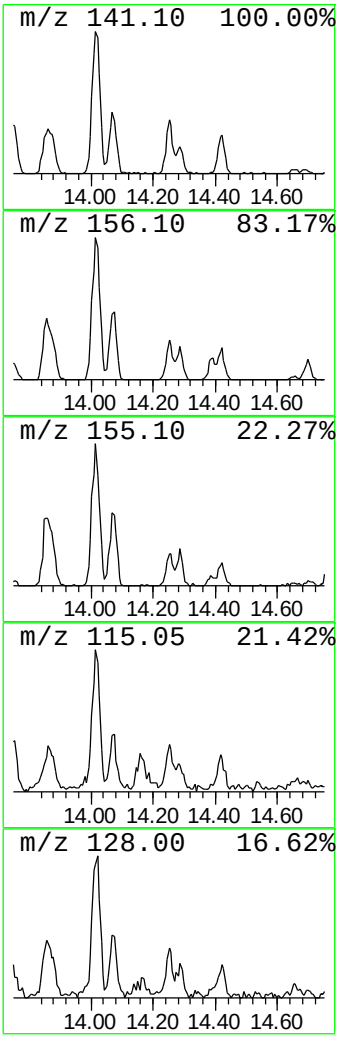
Peak Number 9 Naphthalene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	2.46 ng/ul	98659	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94





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Acq On : 18 Oct 2020 5:06
Operator : CG/JU
Sample : L4259-13DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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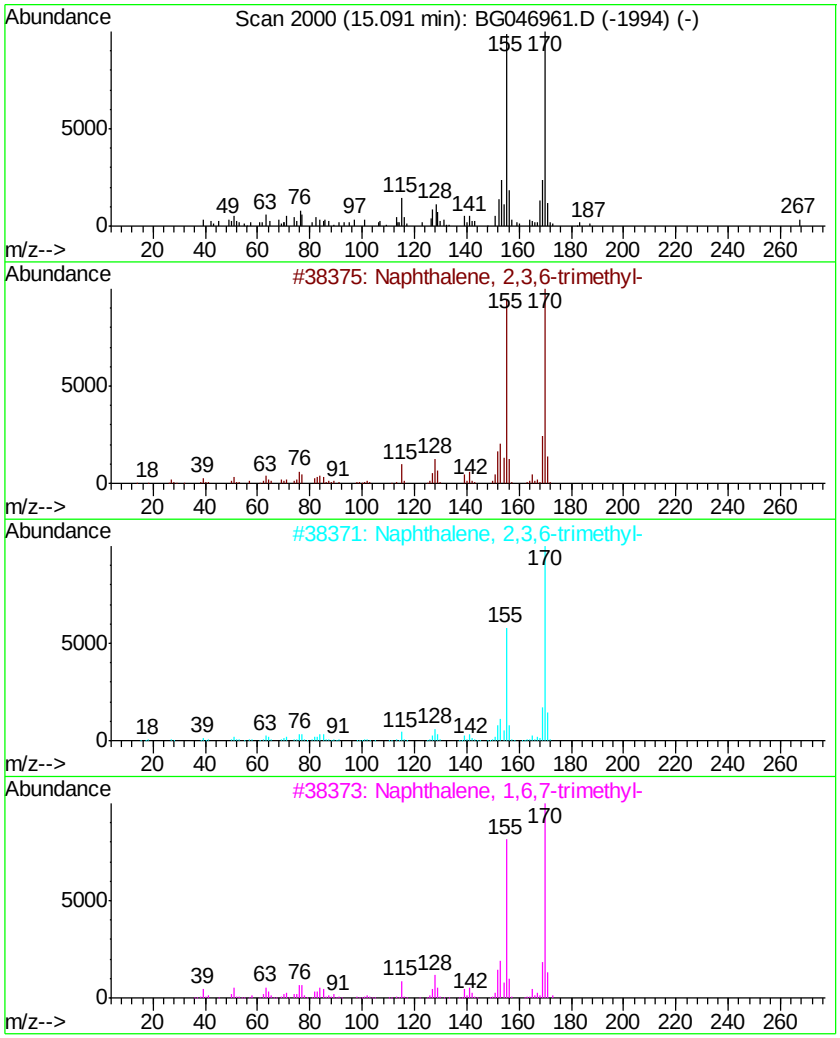
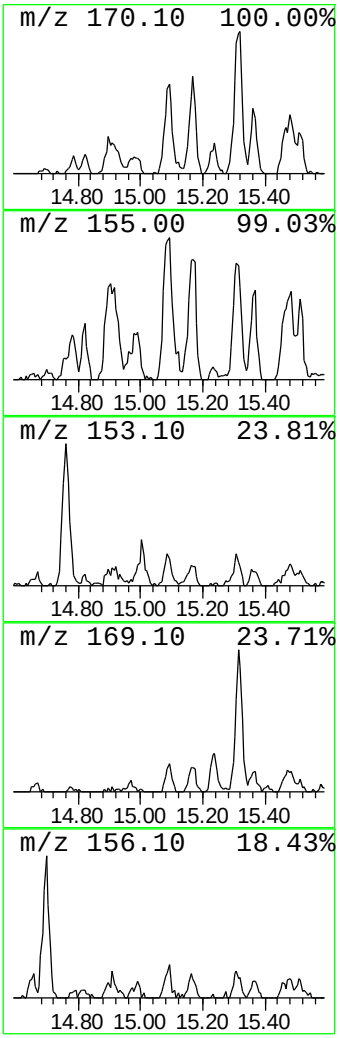
Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	2.32 ng/ul	92913	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93





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Acq On : 18 Oct 2020 5:06
Operator : CG/JU
Sample : L4259-13DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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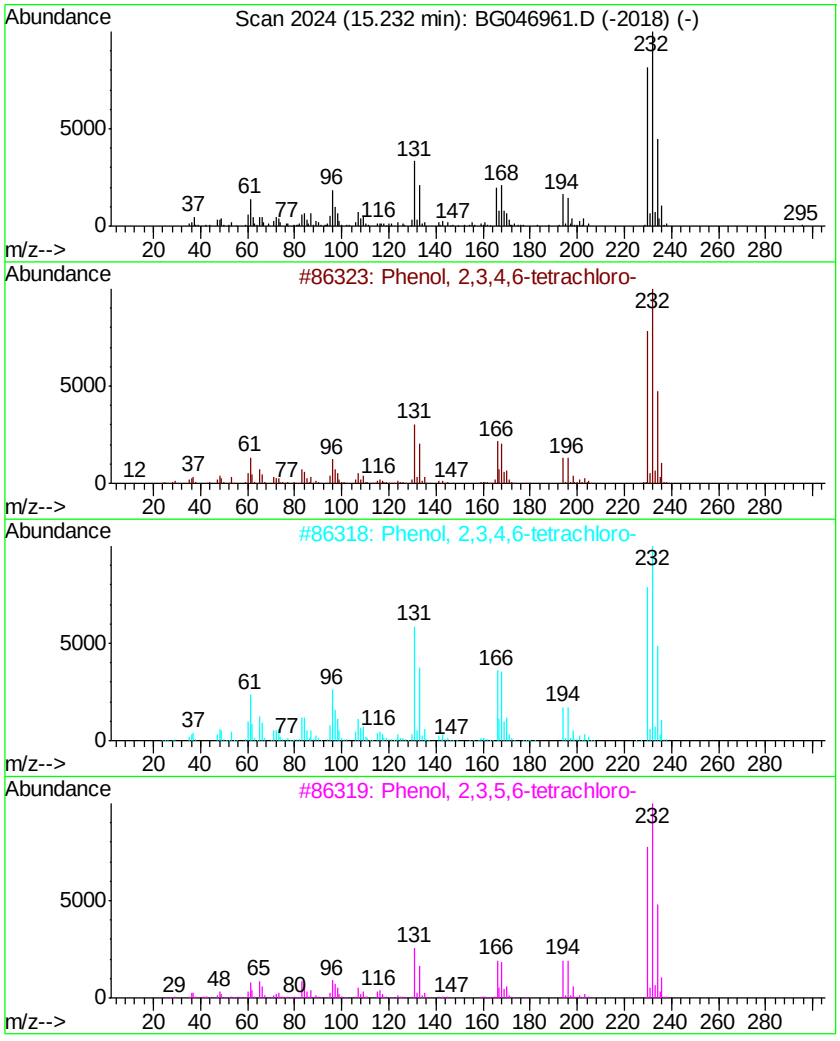
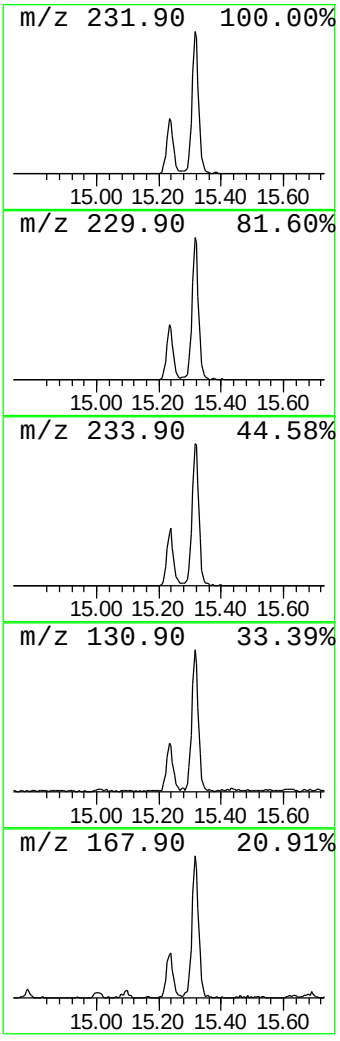
Peak Number 11 Phenol, 2,3,5,6-tetrachloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	9.37 ng/ul	375834	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	99
2	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	98
3	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	96
4	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	94
5	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	91





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Operator : CG/JU
Sample : L4259-13DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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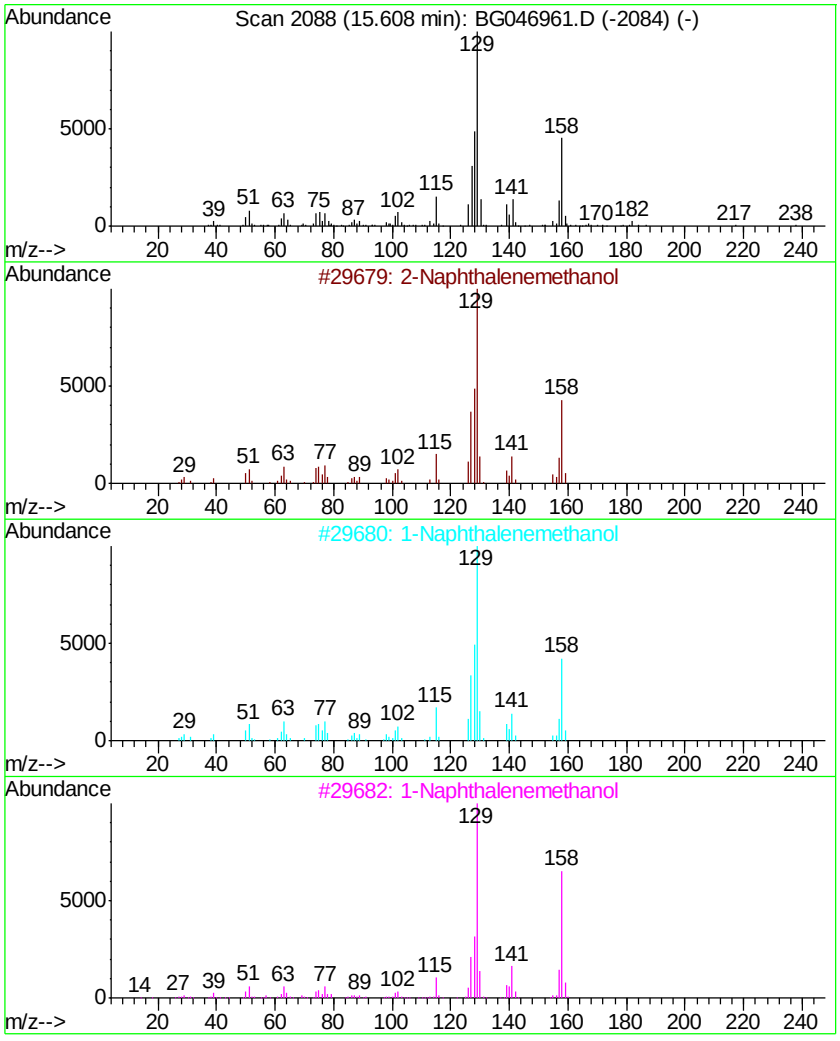
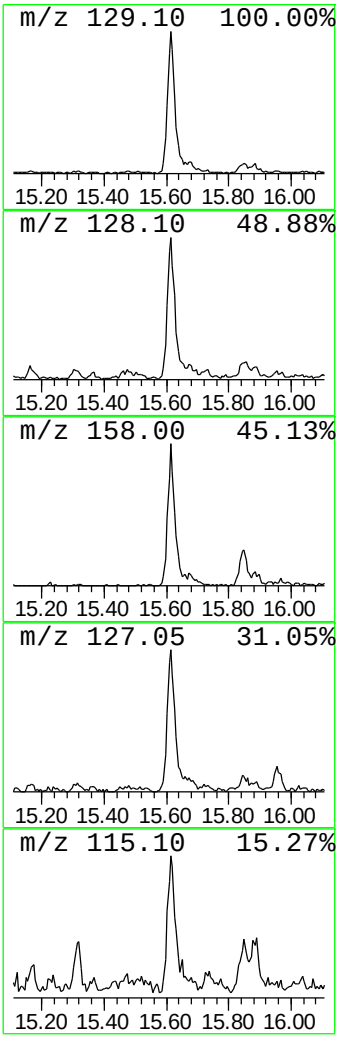
Peak Number 12 2-Naphthalenemethanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	9.14 ng/ul	366605	Acenaphthene-d10	14.70

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-Naphthalenemethanol	158	C11H10O	004780-79-4	93
4	1-Naphthalenemethanol	158	C11H10O	004780-79-4	87
5	Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	64





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Acq On : 18 Oct 2020 5:06
Operator : CG/JU
Sample : L4259-13DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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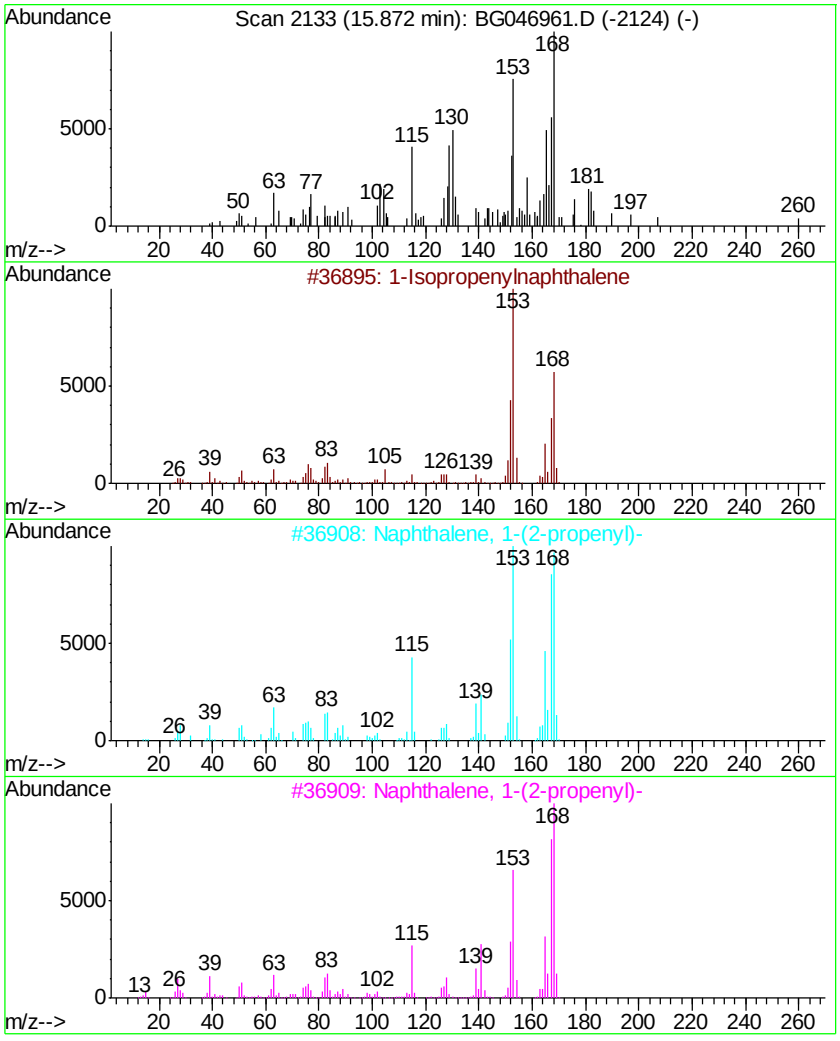
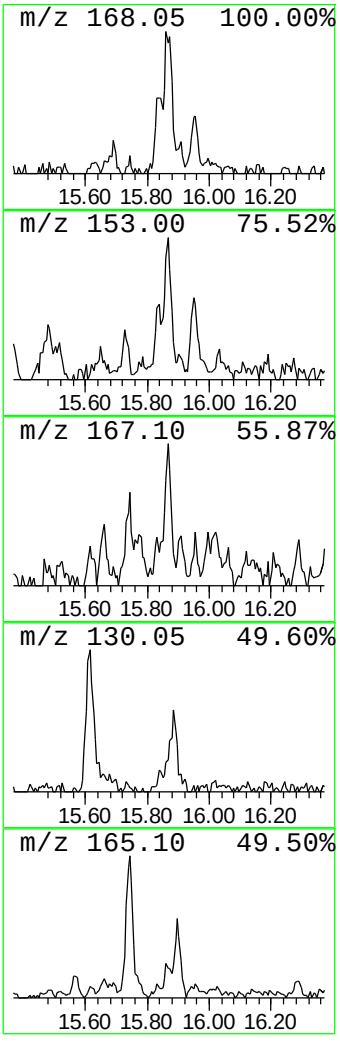
Peak Number 13 1-Isopropenylnaphthalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	2.04 ng/ul	81947	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	60
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	60
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	49
4	Nordiphenamid	225	C15H15NO	000954-21-2	43
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	35





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Sample : L4259-13DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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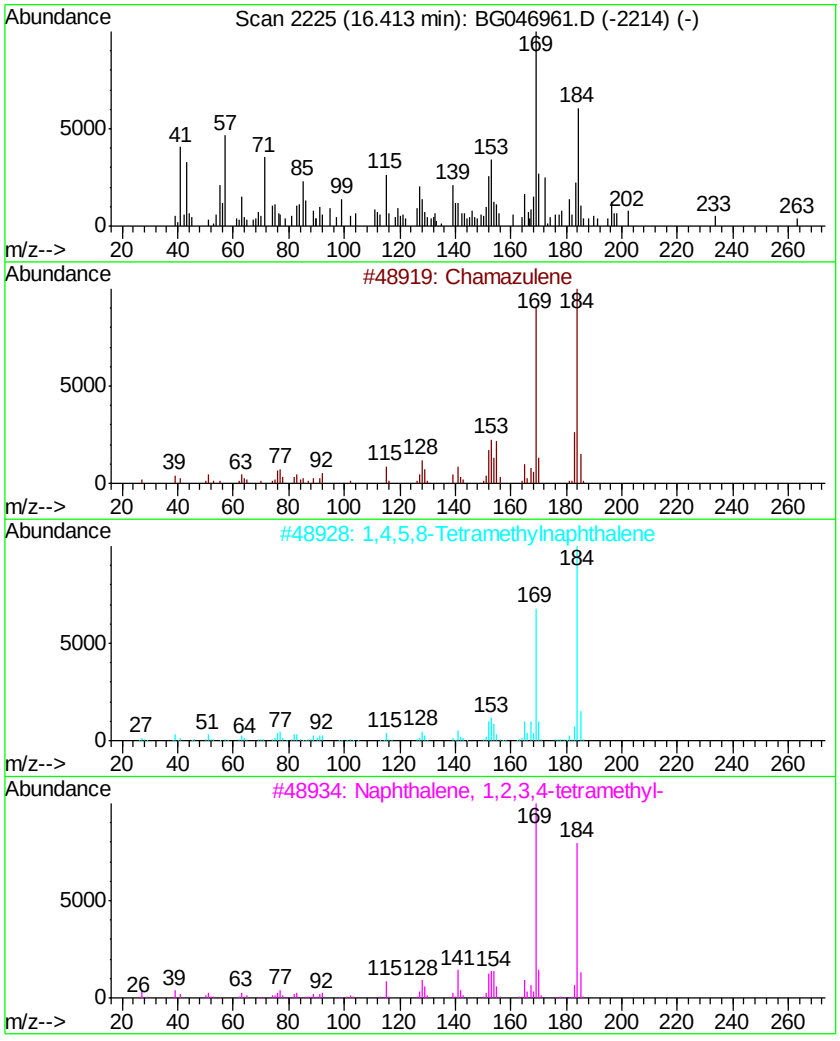
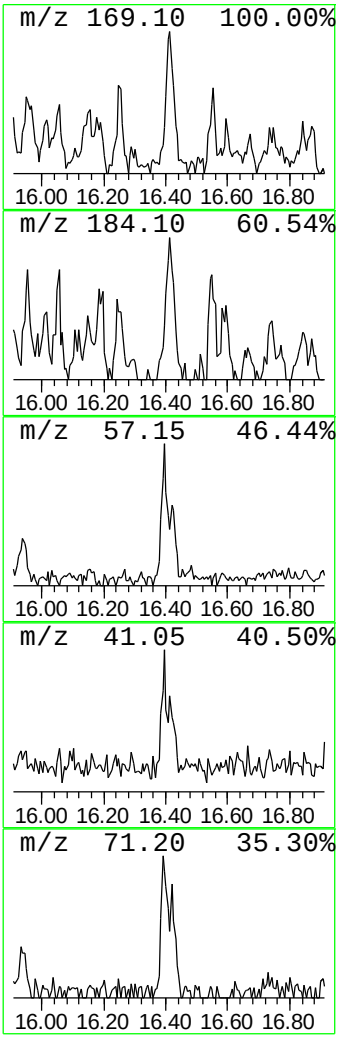
Peak Number 14 Chamazulene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	2.82 ng/ul	137283	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	86
2	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	58
3	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	46
4	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	46
5	4-tert-Butylphthalonitrile	184	C12H12N2	032703-80-3	38





Tentatively Identified Compound (LSC) summary

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Data File : BG046961.D
Acq On : 18 Oct 2020 5:06
Operator : CG/JU
Sample : L4259-13DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.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, 1,2,4-tr...	8.18	3.2	ng/ul	56799	1	8.07	356810	20.0
Benzene, 1-ethyl-...	9.17	2.0	ng/ul	36096	1	8.07	356810	20.0
Benzene, 1,2,4,5-...	9.76	2.5	ng/ul	67741	2	10.88	538316	20.0
1-Phenyl-1-butene	10.27	4.3	ng/ul	115137	2	10.88	538316	20.0
Naphthalene, 1-me...	12.75	27.3	ng/ul	733784	2	10.88	538316	20.0
Naphthalene, 1-et...	13.75	2.1	ng/ul	85207	3	14.70	801820	20.0
Naphthalene, 2,6-...	13.86	5.6	ng/ul	224521	3	14.70	801820	20.0
Naphthalene, 2,3-...	14.02	10.3	ng/ul	410989	3	14.70	801820	20.0
Naphthalene, 1,3-...	14.25	2.5	ng/ul	98659	3	14.70	801820	20.0
Naphthalene, 2,3,...	15.09	2.3	ng/ul	92913	3	14.70	801820	20.0
Phenol, 2,3,5,6-t...	15.23	9.4	ng/ul	375834	3	14.70	801820	20.0
2-Naphthalenemeth...	15.61	9.1	ng/ul	366605	3	14.70	801820	20.0
1-Isopropenylnaph...	15.87	2.0	ng/ul	81947	3	14.70	801820	20.0
Chamazulene	16.41	2.8	ng/ul	137283	4	17.44	973357	20.0