LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG092915\
Data File : BG018957.D
Acq On : 29 Sep 2015 14:50
Operator : UM/NP
Sample : G3803-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E43K1

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.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	3.084	35	42	50	rBV	79838	147649	10.50%	0.878%
2	3.160	50	55	64	rVV	174469	239637	17.04%	1.425%
3	5.299	414	419	426	rBV2	36664	60921	4.33%	0.362%
4	5.628	468	475	484	rVV	298859	611981	43.53%	3.638%
5	5.998	533	538	545	rVV2	12941	22466	1.60%	0.134%
6	6.474	613	619	625	rBV	30357	43801	3.12%	0.260%
7	6.968	696	703	707	rBV	20068	32595	2.32%	0.194%
8	7.074	715	721	726	rVB	23659	36050	2.56%	0.214%
9	7.156	726	735	739	rVV3	34397	79368	5.65%	0.472%
10	7.209	739	744	749	rVB	39374	63669	4.53%	0.379%
11	7.309	755	761	767	rBV	116161	181283	12.89%	1.078%
12	7.373	767	772	780	rVB	41589	65107	4.63%	0.387%
13	7.520	791	797	805	rVV	121014	198165	14.10%	1.178%
14	7.632	810	816	826	rVB	157647	253965	18.06%	1.510%
15	7.984	867	876	890	rBV	162465	310672	22.10%	1.847%
16	8.102	890	896	908	rVB	80164	136760	9.73%	0.813%
17	8.360	932	940	946	rVB2	30630	58409	4.15%	0.347%
18	8.472	952	959	964	rBV3	8739	15476	1.10%	0.092%
19	8.531	964	969	975	rVB3	12484	21265	1.51%	0.126%
20	8.625	977	985	990	rBV2	29038	50156	3.57%	0.298%
21	8.695	990	997	1006	rVV	105826	188875	13.43%	1.123%
22	8.789	1006	1013	1018	rVB	11424	22310	1.59%	0.133%
23	8.936	1032	1038	1043	rBV2	17138	27921	1.99%	0.166%
24	8.989	1043	1047	1052	rVB	17214	24599	1.75%	0.146%
25	9.089	1059	1064	1068	rBV2	31652	50578	3.60%	0.301%
26	9.148	1068	1074	1085	rVB	125362	249319	17.73%	1.482%
27	9.336	1104	1106	1114	rVV7	8277	15559	1.11%	0.092%
28	9.424	1114	1121	1129	rVV5	15148	40758	2.90%	0.242%
29	9.612	1148	1153	1158	rBV	20050	30368	2.16%	0.181%
30	9.670	1158	1163	1171	rVV2	30744	50454	3.59%	0.300%
31	9.870	1186	1197	1203	rBV	110748	201084	14.30%	1.195%
32	9.982	1209	1216	1220	rBV7	8405	18282	1.30%	0.109%
33	10.035	1220	1225	1235	rVB5	18465	40197	2.86%	0.239%
34	10.188	1244	1251	1259	rVB3	52491	97782	6.96%	0.581%

LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG092915\
Data File : BG018957.D
Acq On : 29 Sep 2015 14:50
Operator : UM/NP
Sample : G3803-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E43K1

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Title : SVOA CALIBRATION

35	10.334	1268	1276	1280	rBV8	8109	17586	1.25%	0.105%
36	10.411	1282	1289	1298	rBV	191554	355276	25.27%	2.112%
37	10.681	1326	1335	1341	rBV7	15001	39494	2.81%	0.235%
38	10.787	1345	1353	1358	rVV	245335	493718	35.12%	2.935%
39	10.840	1358	1362	1369	rVV	195626	342036	24.33%	2.033%
40	10.922	1369	1376	1386	rVB2	163046	320501	22.80%	1.905%
41	11.157	1411	1416	1420	rBV5	9563	17540	1.25%	0.104%
42	11.509	1471	1476	1486	rBV2	39436	79375	5.65%	0.472%
43	11.791	1517	1524	1530	rBV7	7420	16575	1.18%	0.099%
44	11.903	1535	1543	1550	rVB7	8799	19199	1.37%	0.114%
45	12.050	1562	1568	1572	rBV6	11396	21757	1.55%	0.129%
46	12.103	1572	1577	1578	rBV2	21875	29212	2.08%	0.174%
47	12.332	1611	1616	1623	rBV9	16784	31083	2.21%	0.185%
48	12.444	1629	1635	1641	rVB	107674	170905	12.16%	1.016%
49	12.549	1648	1653	1663	rVB7	15069	33478	2.38%	0.199%
50	12.661	1666	1672	1680	rVB	91784	150090	10.68%	0.892%
51	12.826	1695	1700	1706	rVB8	7944	16633	1.18%	0.099%
52	12.920	1709	1716	1722	rBV6	26985	68421	4.87%	0.407%
53	13.208	1763	1765	1772	rVB5	11396	18538	1.32%	0.110%
54	13.413	1796	1800	1802	rVV5	9512	16539	1.18%	0.098%
55	13.448	1802	1806	1810	rVB2	23920	39662	2.82%	0.236%
56	13.642	1834	1839	1848	rVB2	18243	50250	3.57%	0.299%
57	13.783	1857	1863	1870	rVB4	28146	73739	5.24%	0.438%
58	13.936	1883	1889	1894	rVV2	40784	83420	5.93%	0.496%
59	14.012	1894	1902	1907	rVV	406831	626463	44.56%	3.724%
60	14.059	1907	1910	1919	rVV	88198	123640	8.79%	0.735%
61	14.171	1925	1929	1932	rVV3	16952	23645	1.68%	0.141%
62	14.259	1939	1944	1946	rBV6	15561	26466	1.88%	0.157%
63	14.306	1946	1952	1962	rVB	361291	591558	42.08%	3.517%
64	14.612	1996	2004	2011	rVV2	444576	734812	52.27%	4.368%
65	14.670	2012	2014	2017	rVV2	10487	13911	0.99%	0.083%
66	14.741	2021	2026	2033	rVB7	8163	19362	1.38%	0.115%
67	14.823	2033	2040	2051	rBV3	53976	120460	8.57%	0.716%
68	15.011	2066	2072	2080	rVB5	23666	49548	3.52%	0.295%
69	15.217	2104	2107	2112	rVB6	8451	15157	1.08%	0.090%
70	15.423	2135	2142	2145	rBV	30749	50917	3.62%	0.303%
71	15.552	2160	2164	2167	rBV5	20156	32399	2.30%	0.193%

LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG092915\
Data File : BG018957.D
Acq On : 29 Sep 2015 14:50
Operator : UM/NP
Sample : G3803-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E43K1

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Title : SVOA CALIBRATION

72	15.605	2167	2173	2179	rVV	421775	644786	45.86%	3.833%
73	15.658	2179	2182	2188	rVV2	18238	29141	2.07%	0.173%
74	15.722	2188	2193	2200	rVV	148736	219685	15.63%	1.306%
75	15.810	2203	2208	2212	rVV	117266	176023	12.52%	1.046%
76	15.857	2213	2216	2223	rVB	44887	77720	5.53%	0.462%
77	16.110	2254	2259	2265	rBV	106463	158261	11.26%	0.941%
78	16.292	2284	2290	2300	rBV2	97238	197828	14.07%	1.176%
79	16.433	2310	2314	2317	rBV5	11083	15565	1.11%	0.093%
80	16.492	2319	2324	2329	rBV	46922	71356	5.08%	0.424%
81	16.615	2339	2345	2350	rBV	72665	108407	7.71%	0.644%
82	17.097	2423	2427	2431	rVV2	16555	20416	1.45%	0.121%
83	17.150	2431	2436	2440	rBV8	7437	16154	1.15%	0.096%
84	17.356	2461	2471	2477	rBV2	664641	1029341	73.22%	6.119%
85	17.450	2482	2487	2495	rVB2	209765	323274	22.99%	1.922%
86	17.591	2508	2511	2515	rVV6	13683	17305	1.23%	0.103%
87	17.755	2535	2539	2544	rVB2	48393	71014	5.05%	0.422%
88	17.837	2550	2553	2558	rVB5	10004	13412	0.95%	0.080%
89	18.055	2586	2590	2596	rBV8	10232	16379	1.17%	0.097%
90	18.965	2741	2745	2748	rBV3	21580	28966	2.06%	0.172%
91	19.012	2750	2753	2761	rVB6	19131	30947	2.20%	0.184%
92	19.453	2824	2828	2832	rVB	26159	33759	2.40%	0.201%
93	19.735	2871	2876	2880	rBV	604516	866106	61.60%	5.149%
94	19.776	2880	2883	2892	rVB	230638	302617	21.52%	1.799%
95	20.176	2946	2951	2955	rBV	69268	95191	6.77%	0.566%
96	20.734	3042	3046	3050	rBV	92967	100663	7.16%	0.598%
97	21.245	3129	3133	3143	rVB3	85685	131620	9.36%	0.782%
98	21.609	3188	3195	3202	rBV	832697	1405908	100.00%	8.358%
99	24.565	3689	3698	3709	rVB	225252	628816	44.73%	3.738%
100	24.788	3725	3736	3746	rBV2	488967	1369538	97.41%	8.142%

Sum of corrected areas: 16821044

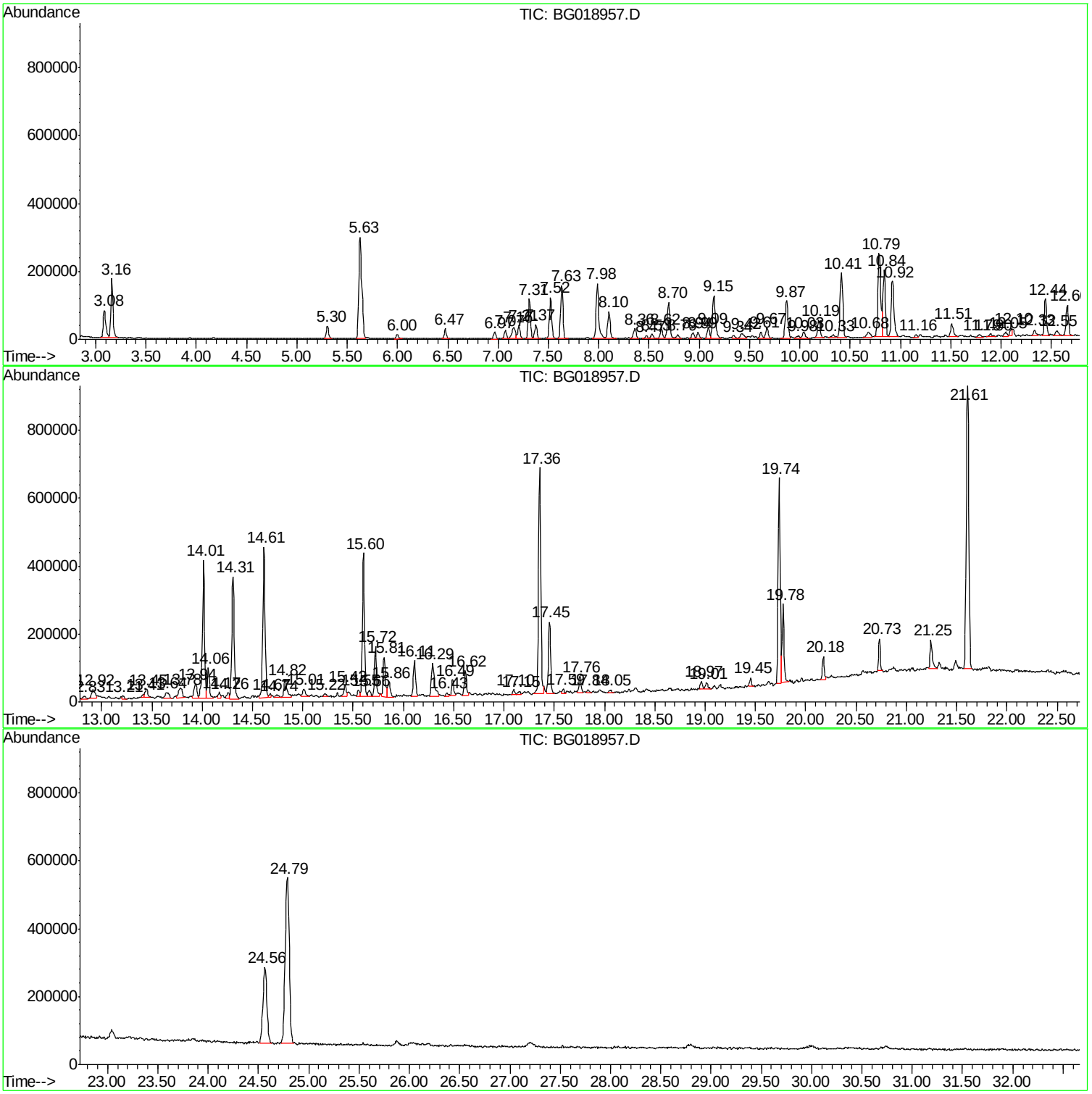
LSC Report - Integrated Chromatogram

Data Path : U:\HPCHEM1\BNA G\DATA\BG092915\
Data File : BG018957.D
Acq On : 29 Sep 2015 14:50
Operator : UM/NP
Sample : G3803-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E43K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG092915\
Data File : BG018957.D
Acq On : 29 Sep 2015 14:50
Operator : UM/NP
Sample : G3803-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E43K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

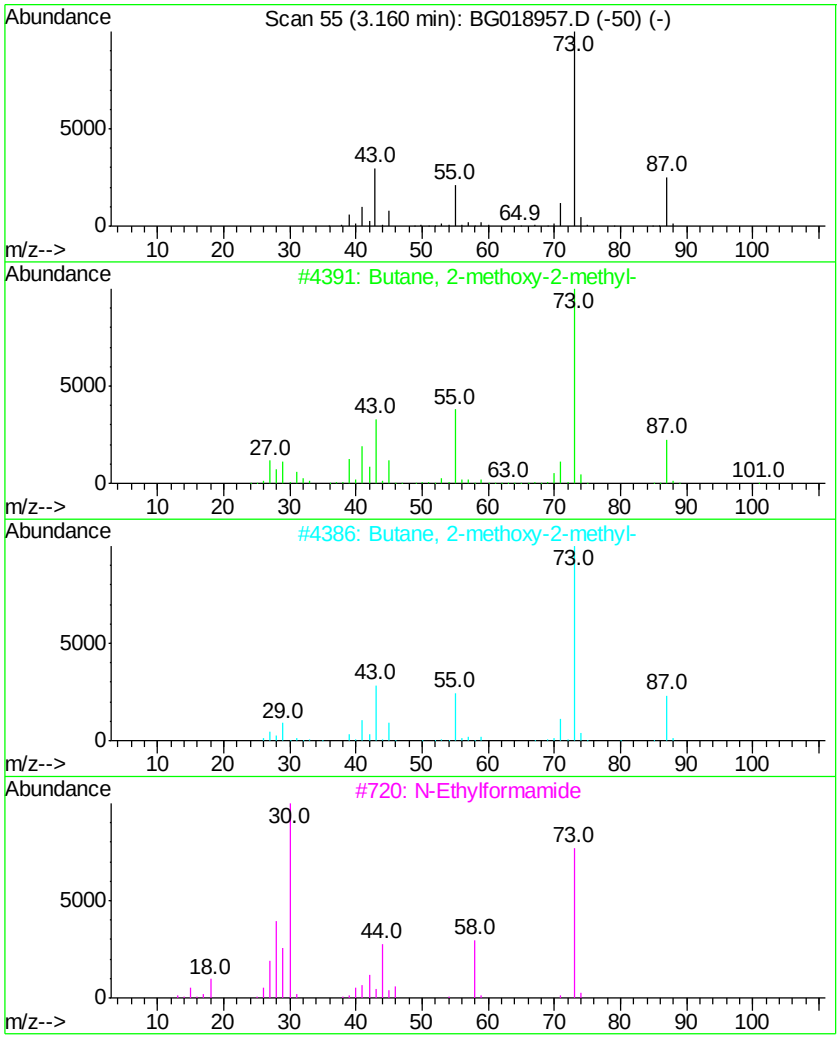
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

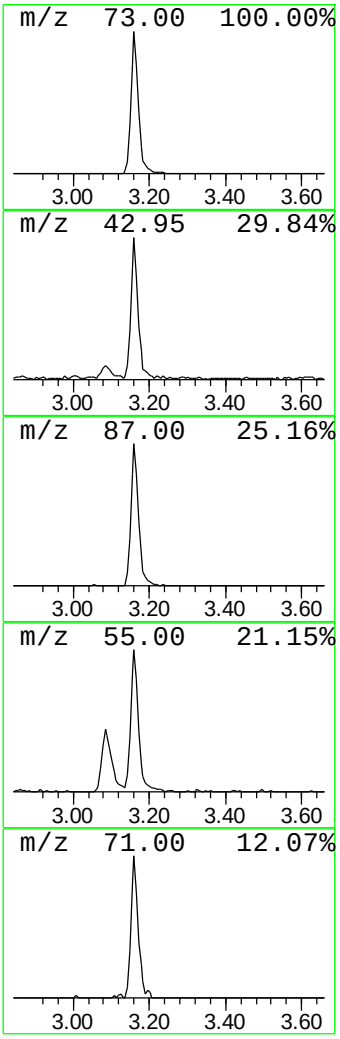
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	15.43 ng/ul	239637	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG092915\
Data File : BG018957.D
Acq On : 29 Sep 2015 14:50
Operator : UM/NP
Sample : G3803-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E43K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

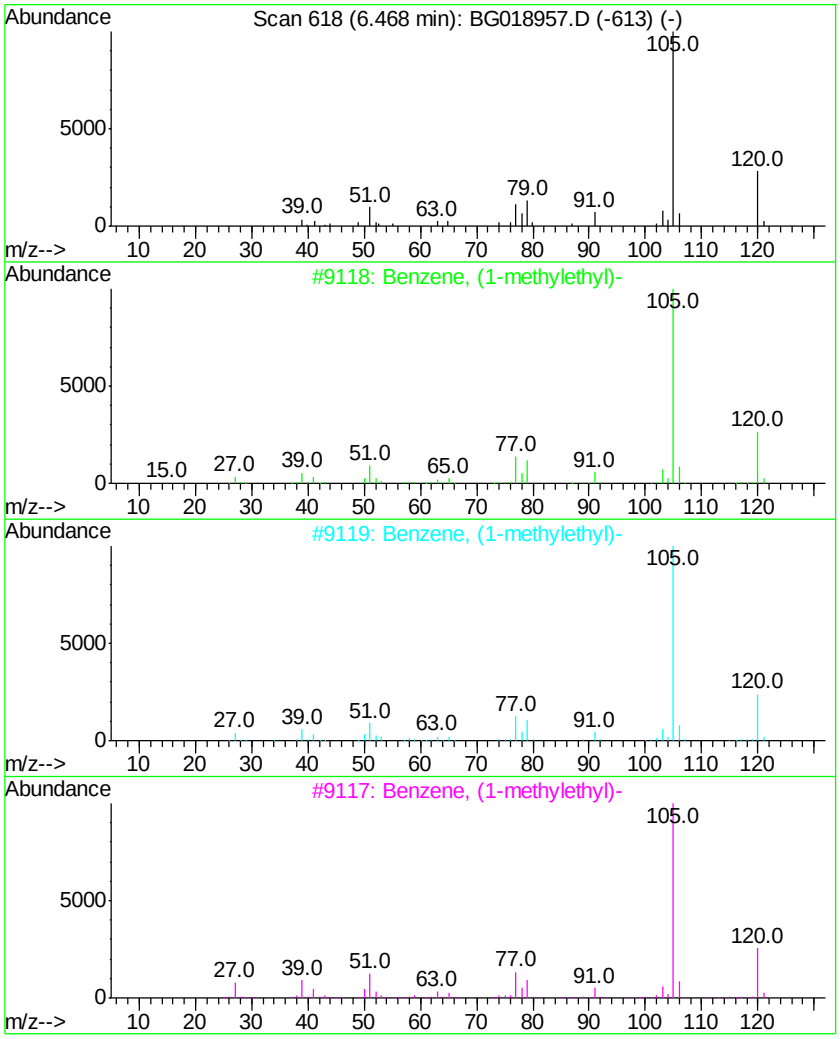
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

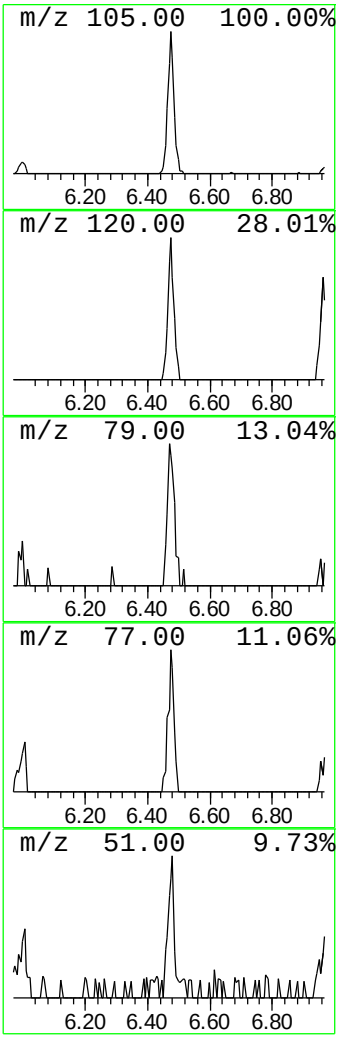
****

Peak Number 5 Benzene, (1-methylethyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	2.82 ng/ul	43801	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG092915\
Data File : BG018957.D
Acq On : 29 Sep 2015 14:50
Operator : UM/NP
Sample : G3803-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E43K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

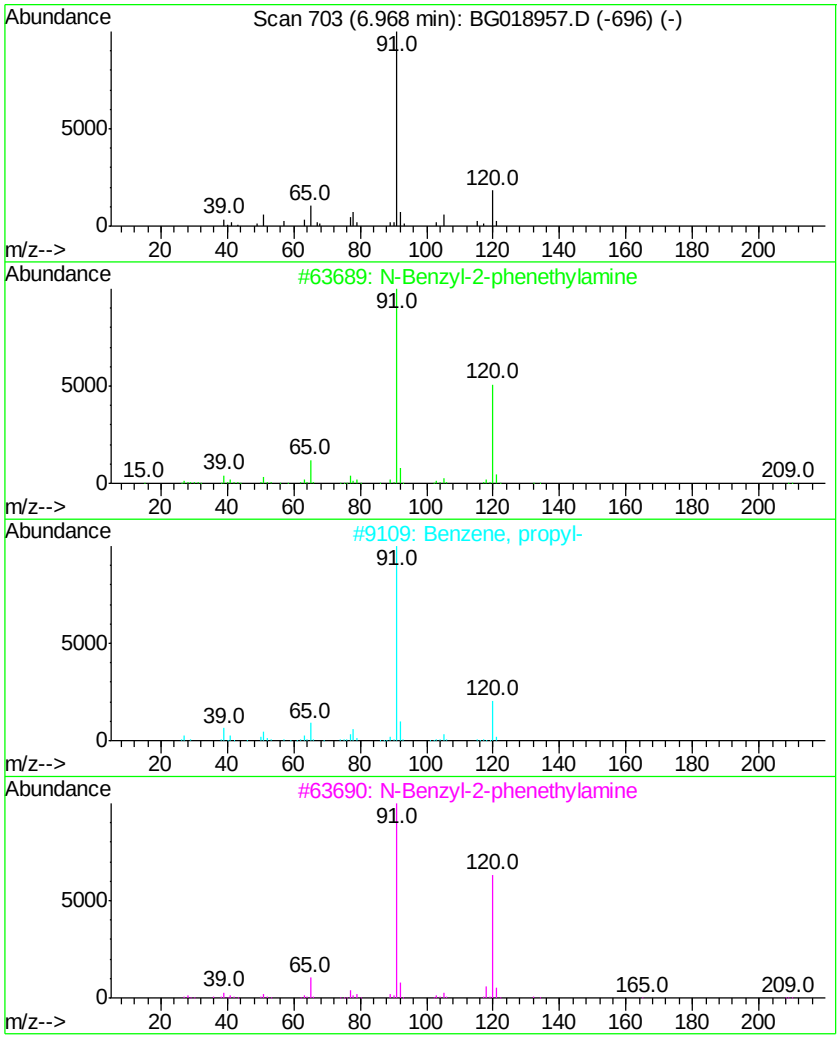
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

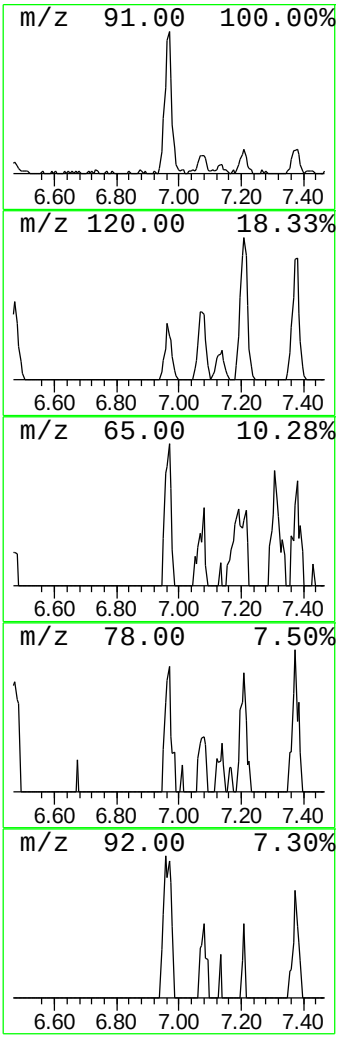
****

Peak Number 6 N-Benzyl-2-phenethylamine Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	2.10 ng/ul	32595	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64
2	Benzene, propyl-	120	C9H12	000103-65-1	64
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64
5	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	59





Data Path : U:\HPCHEM1\BNA G\DATA\BG092915\
Data File : BG018957.D
Acq On : 29 Sep 2015 14:50
Operator : UM/NP
Sample : G3803-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E43K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

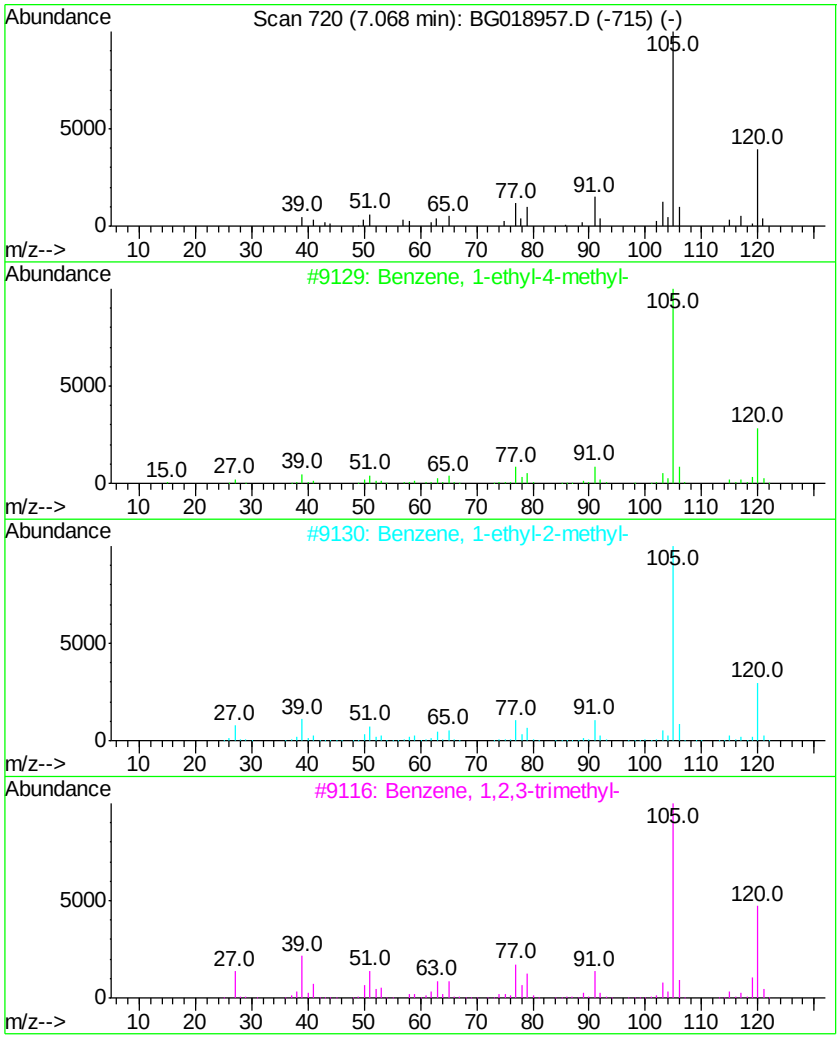
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

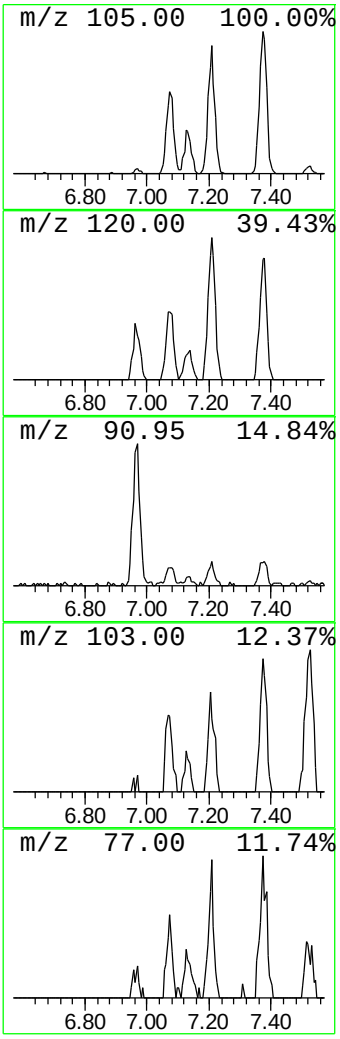
****

Peak Number 7 Benzene, 1-ethyl-4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	2.32 ng/ul	36050	1,4-Dichlorobenzene-d4	7.99

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





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG092915\
Data File : BG018957.D
Acq On : 29 Sep 2015 14:50
Operator : UM/NP
Sample : G3803-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E43K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

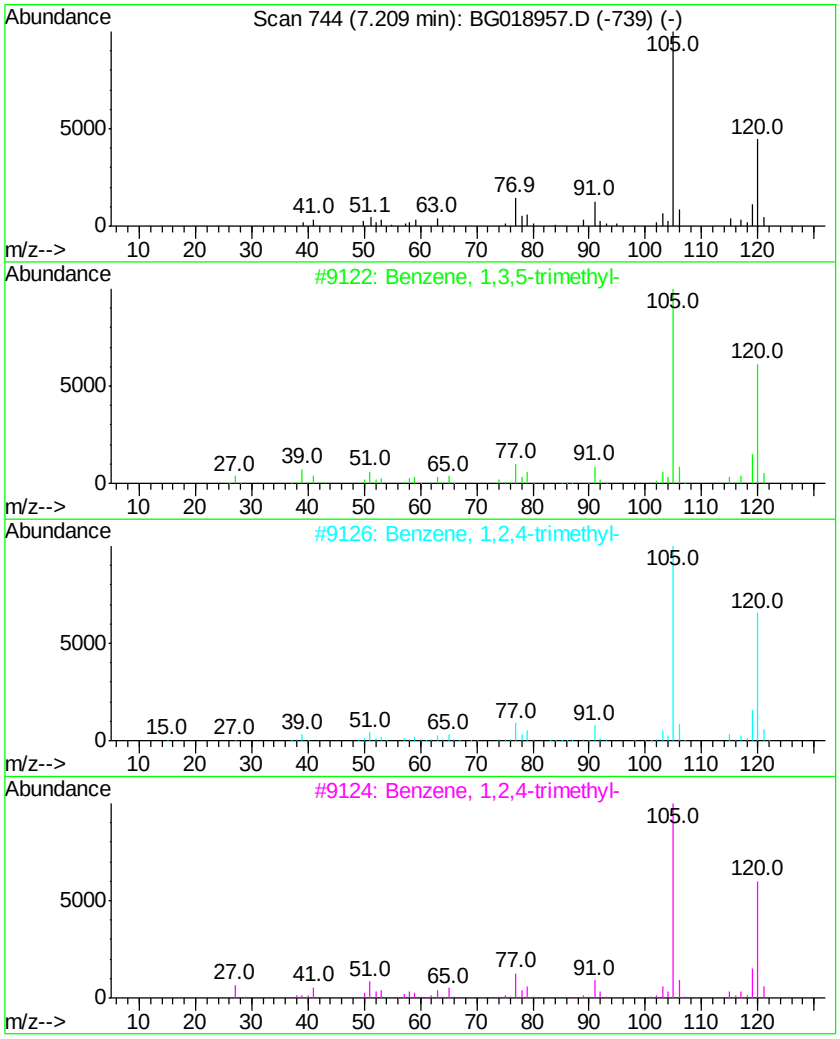
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

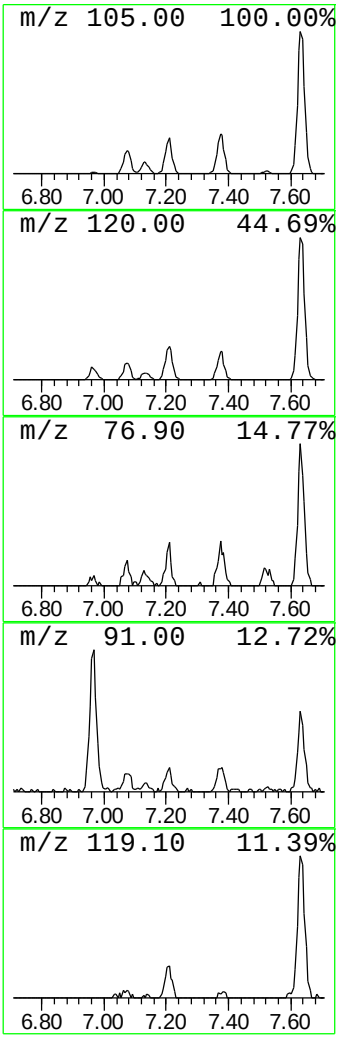
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	4.10 ng/ul	63669	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG092915\
Data File : BG018957.D
Acq On : 29 Sep 2015 14:50
Operator : UM/NP
Sample : G3803-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E43K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

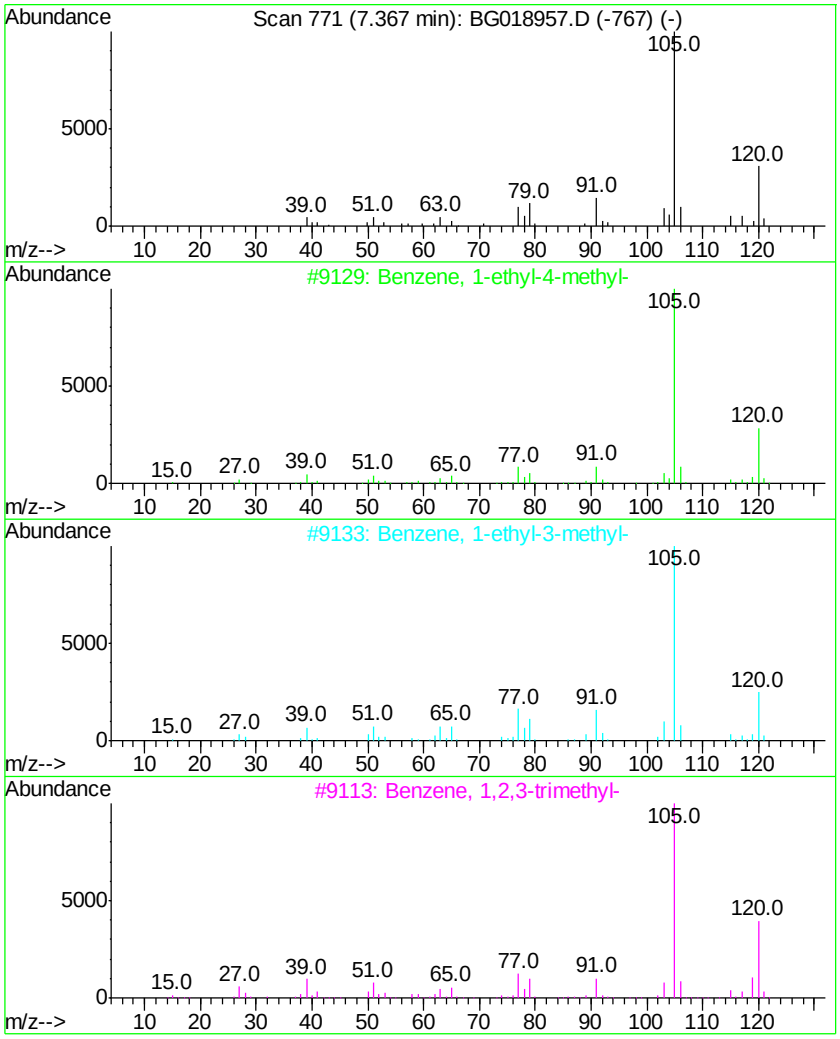
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

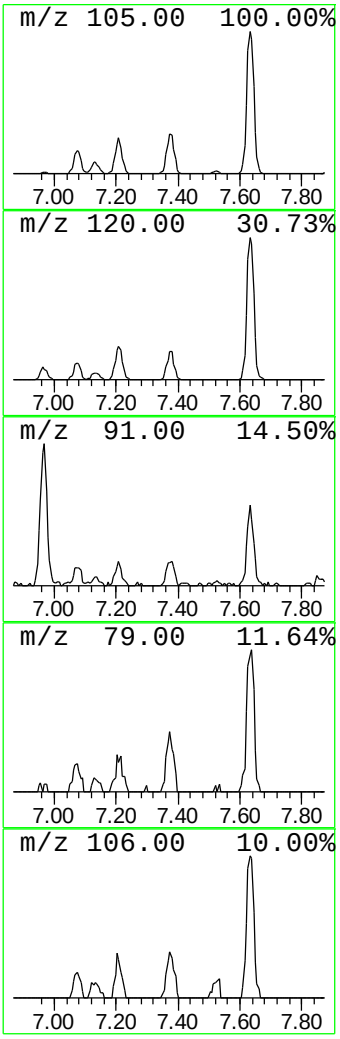
****

Peak Number 9 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	4.19 ng/ul	65107	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : U:\HPCHEM1\BNA G\DATA\BG092915\
Data File : BG018957.D
Acq On : 29 Sep 2015 14:50
Operator : UM/NP
Sample : G3803-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E43K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

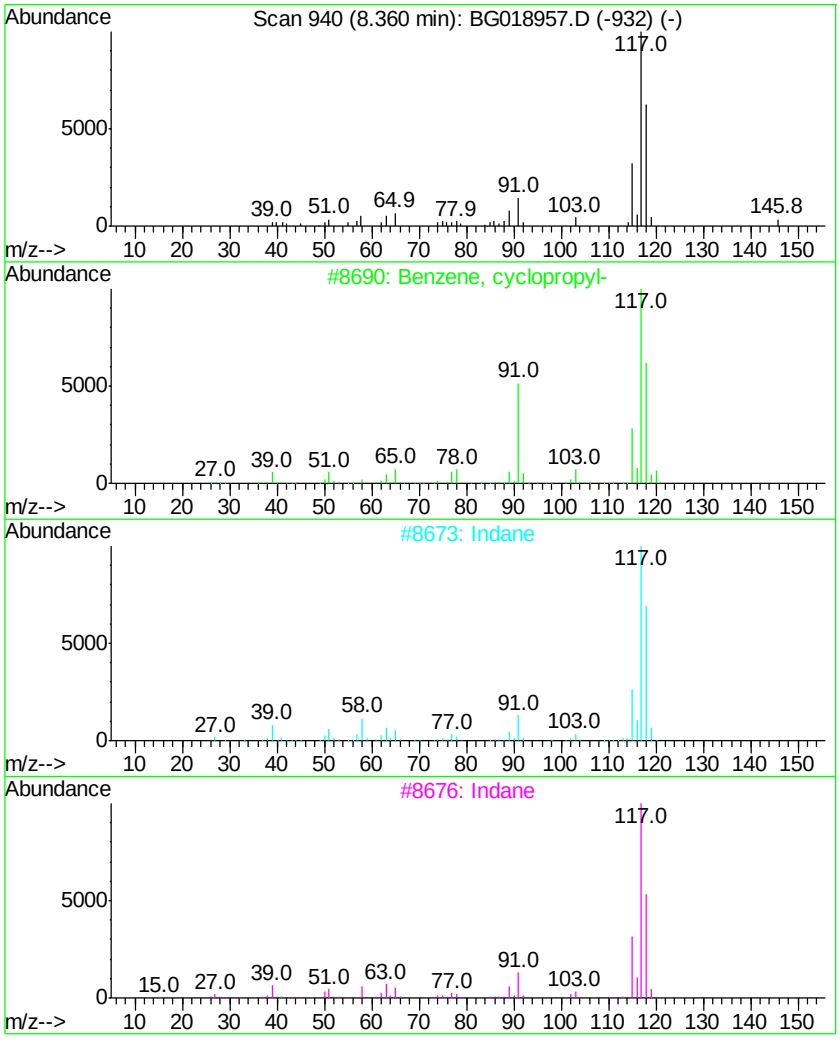
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

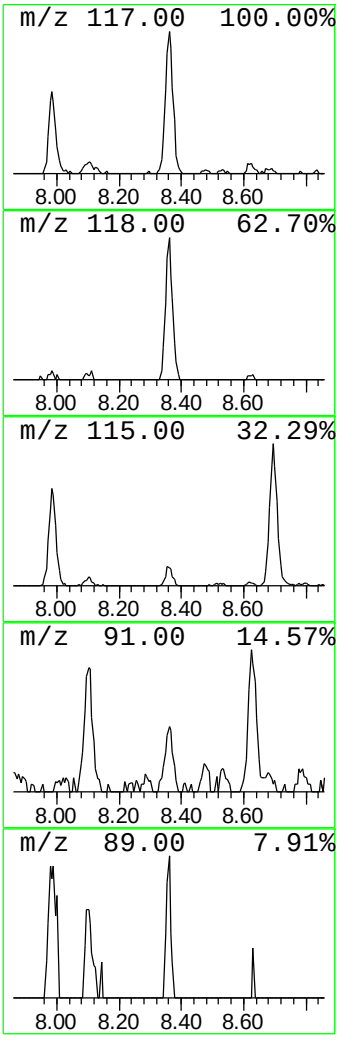
****

Peak Number 12 Benzene, cyclopropyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	3.76 ng/ul	58409	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
2	Indane	118	C9H10	000496-11-7	72
3	Indane	118	C9H10	000496-11-7	72
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG092915\
Data File : BG018957.D
Acq On : 29 Sep 2015 14:50
Operator : UM/NP
Sample : G3803-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E43K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

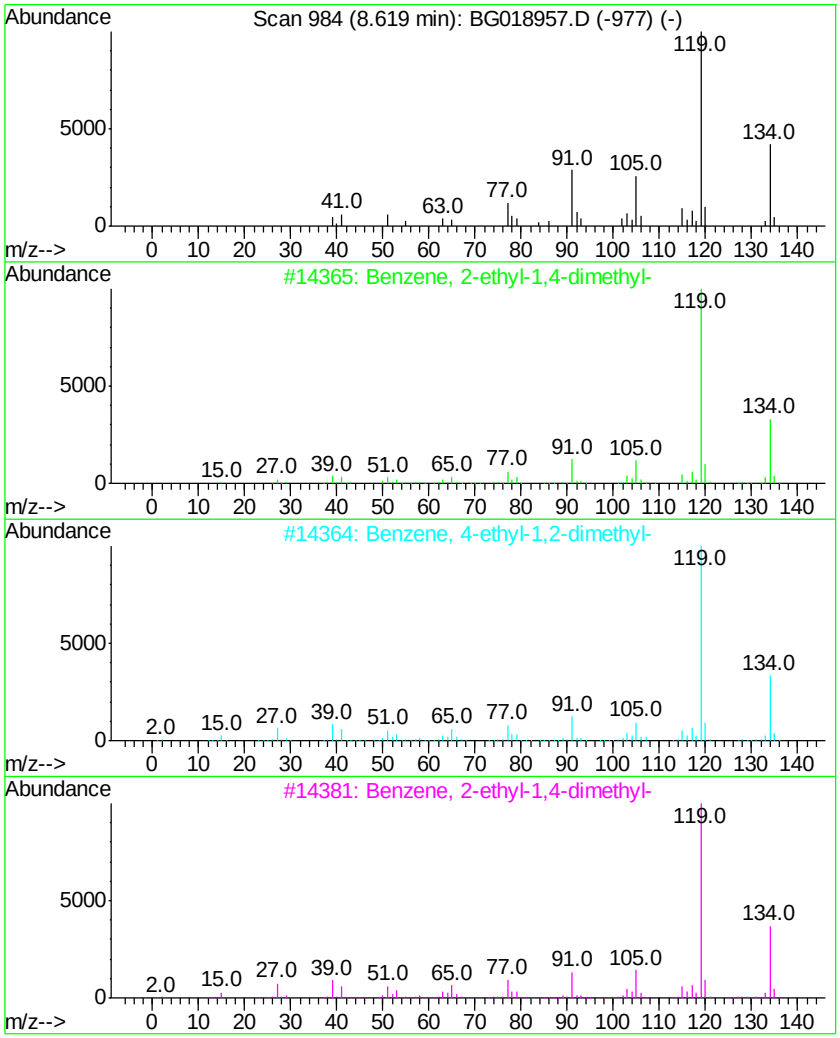
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

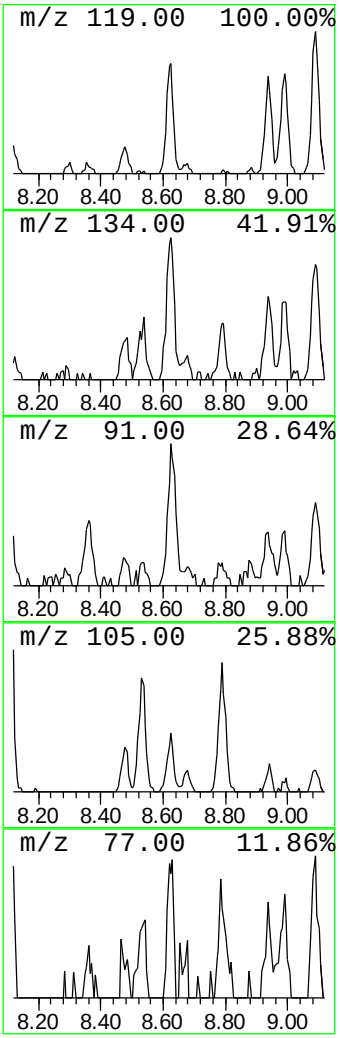
****

Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	3.23 ng/ul	50156	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG092915\
Data File : BG018957.D
Acq On : 29 Sep 2015 14:50
Operator : UM/NP
Sample : G3803-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E43K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

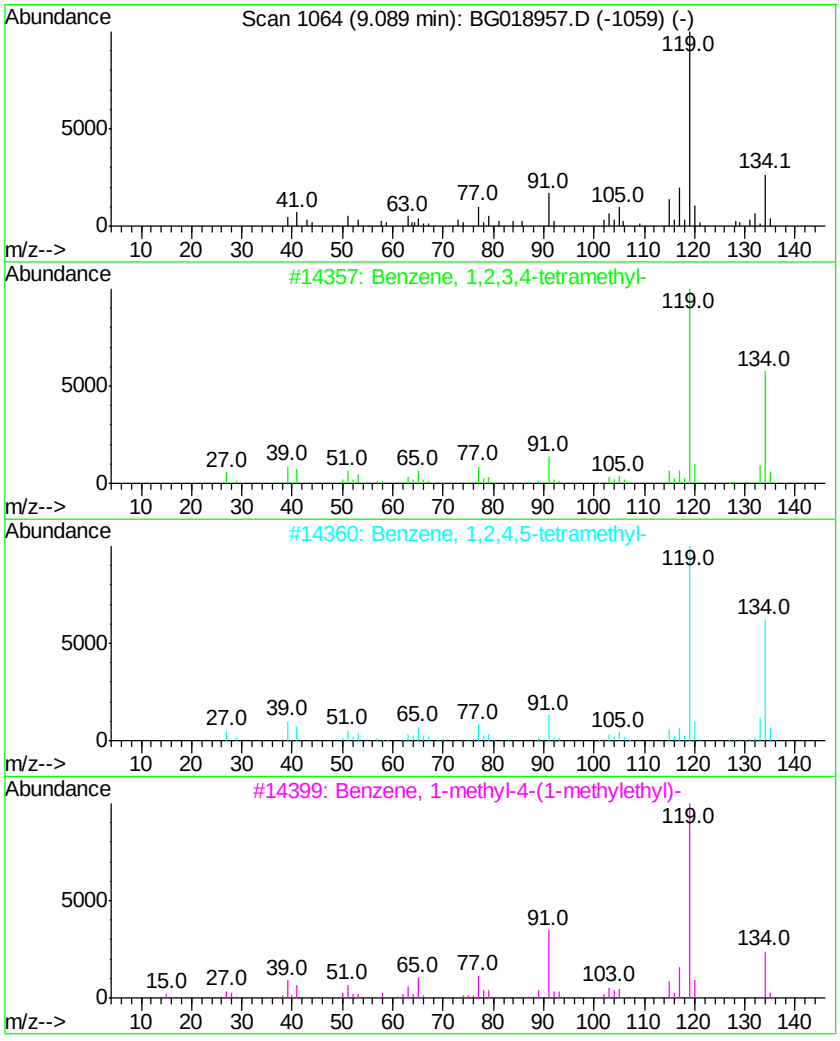
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

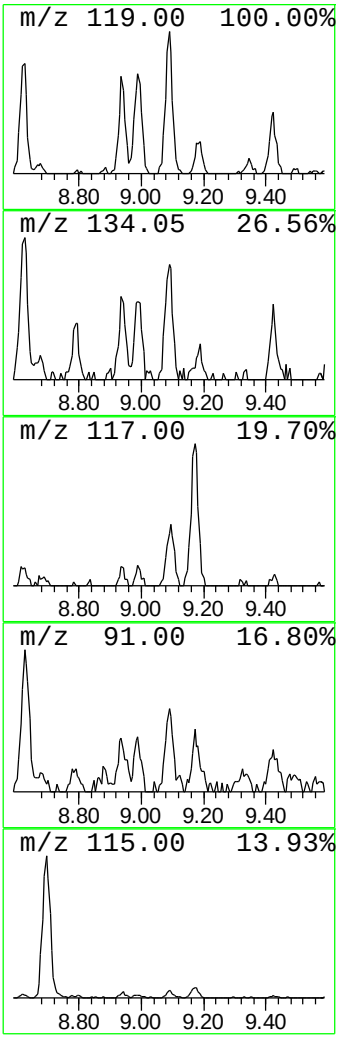
****

Peak Number 14 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	3.26 ng/ul	50578	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	87
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG092915\
Data File : BG018957.D
Acq On : 29 Sep 2015 14:50
Operator : UM/NP
Sample : G3803-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E43K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

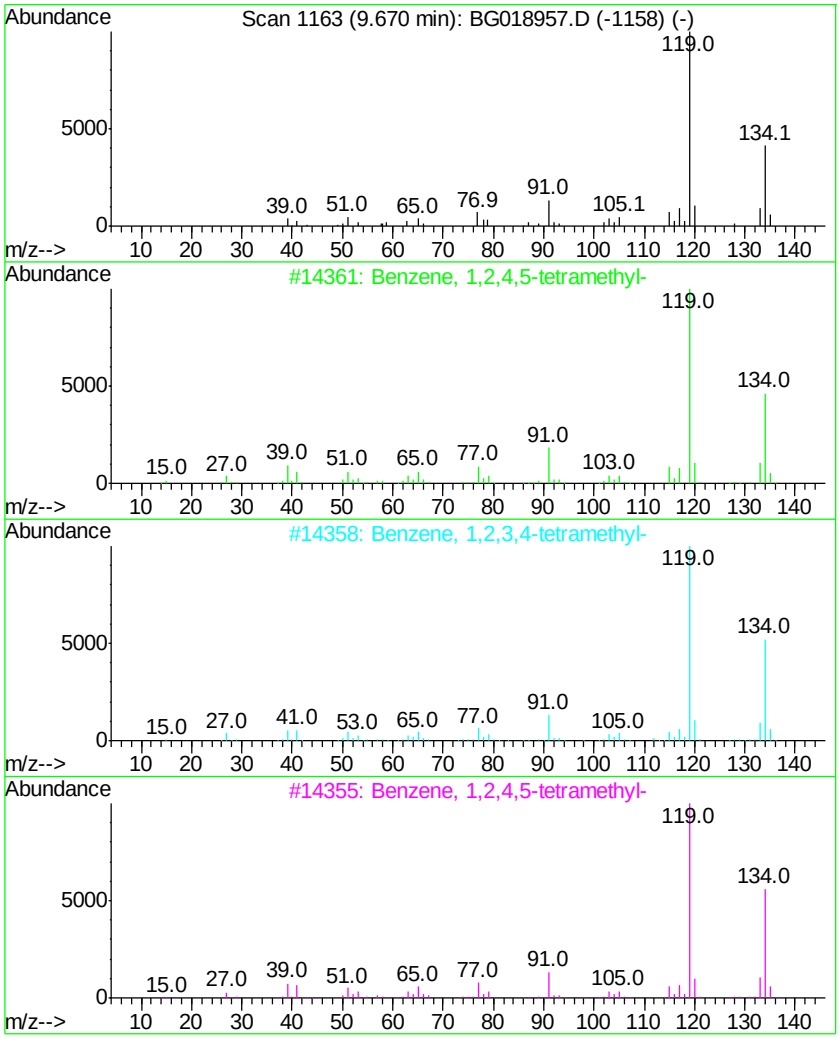
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

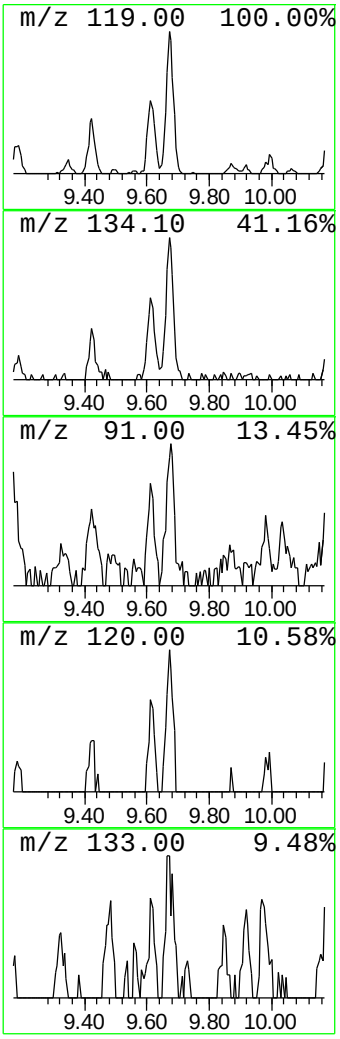
****

Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	2.04 ng/ul	50454	Naphthalene-d8	10.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : U:\HPCHEM1\BNA G\DATA\BG092915\
Data File : BG018957.D
Acq On : 29 Sep 2015 14:50
Operator : UM/NP
Sample : G3803-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E43K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

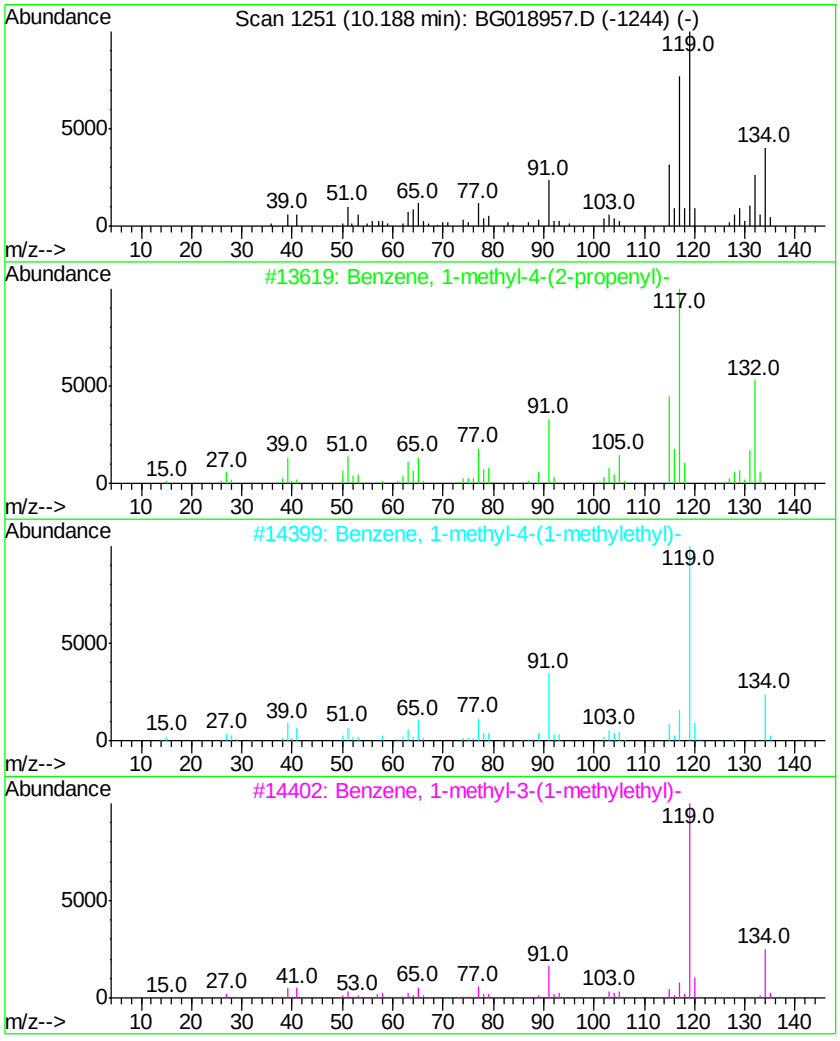
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

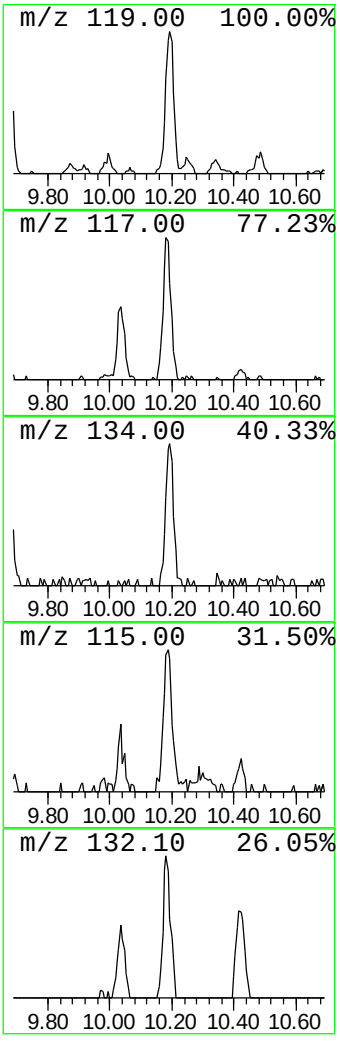
****

Peak Number 16 Benzene, 1-methyl-4-(2-prop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	3.96 ng/ul	97782	Naphthalene-d8	10.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	50
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	50
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	50





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG092915\
Data File : BG018957.D
Acq On : 29 Sep 2015 14:50
Operator : UM/NP
Sample : G3803-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E43K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

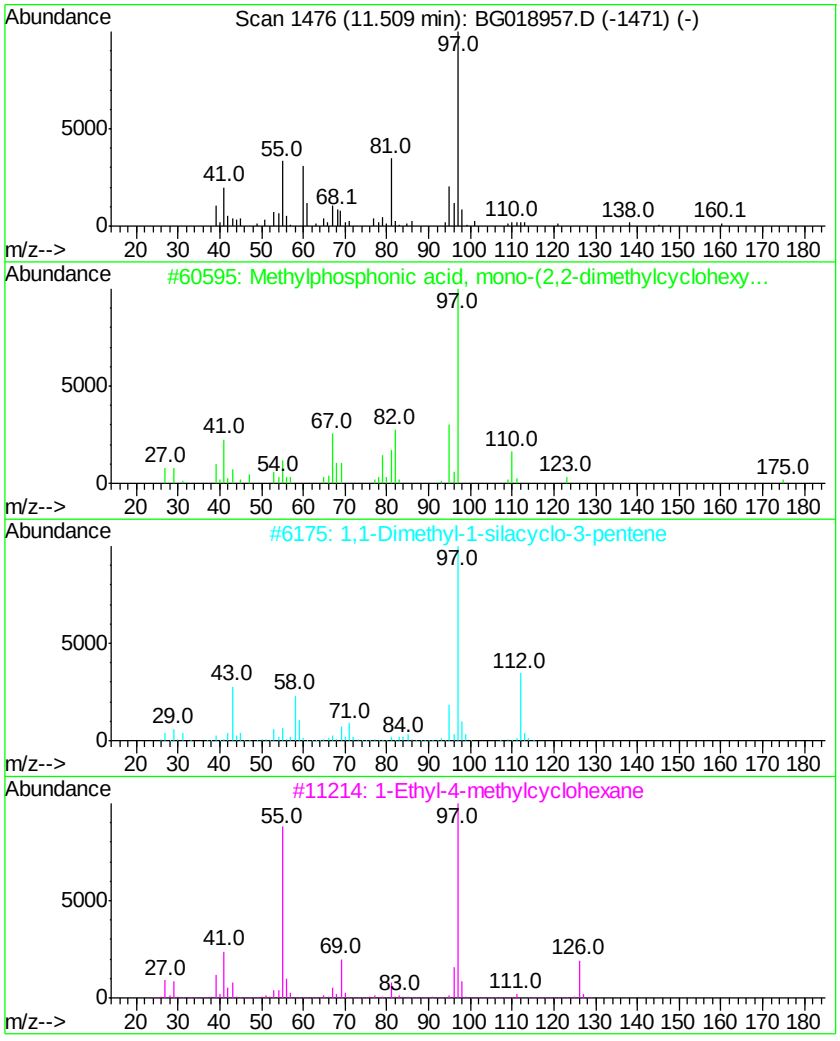
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

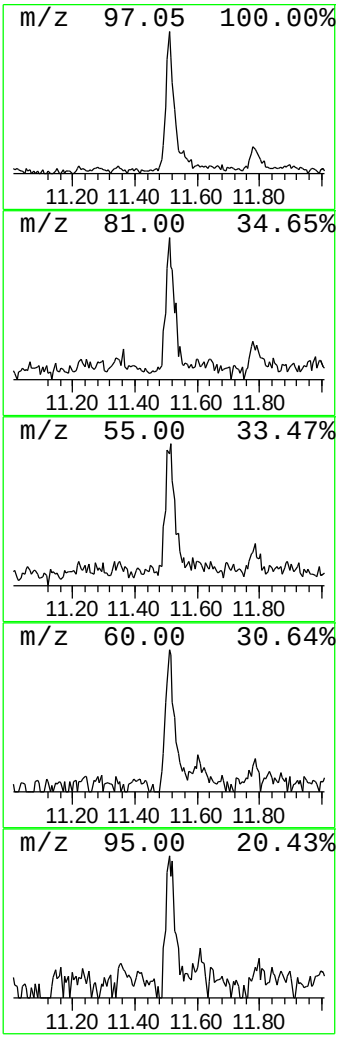
****

Peak Number 17 Methylphosphonic acid, mono... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	3.22 ng/ul	79375	Naphthalene-d8	10.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylphosphonic acid, mono-(2,2...	206	C9H19O3P	1000273-47-2	53
2	1,1-Dimethyl-1-silacyclo-3-pentene	112	C6H12Si	016054-12-9	50
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	38
4	Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	38
5	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	37





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG092915\
Data File : BG018957.D
Acq On : 29 Sep 2015 14:50
Operator : UM/NP
Sample : G3803-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E43K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

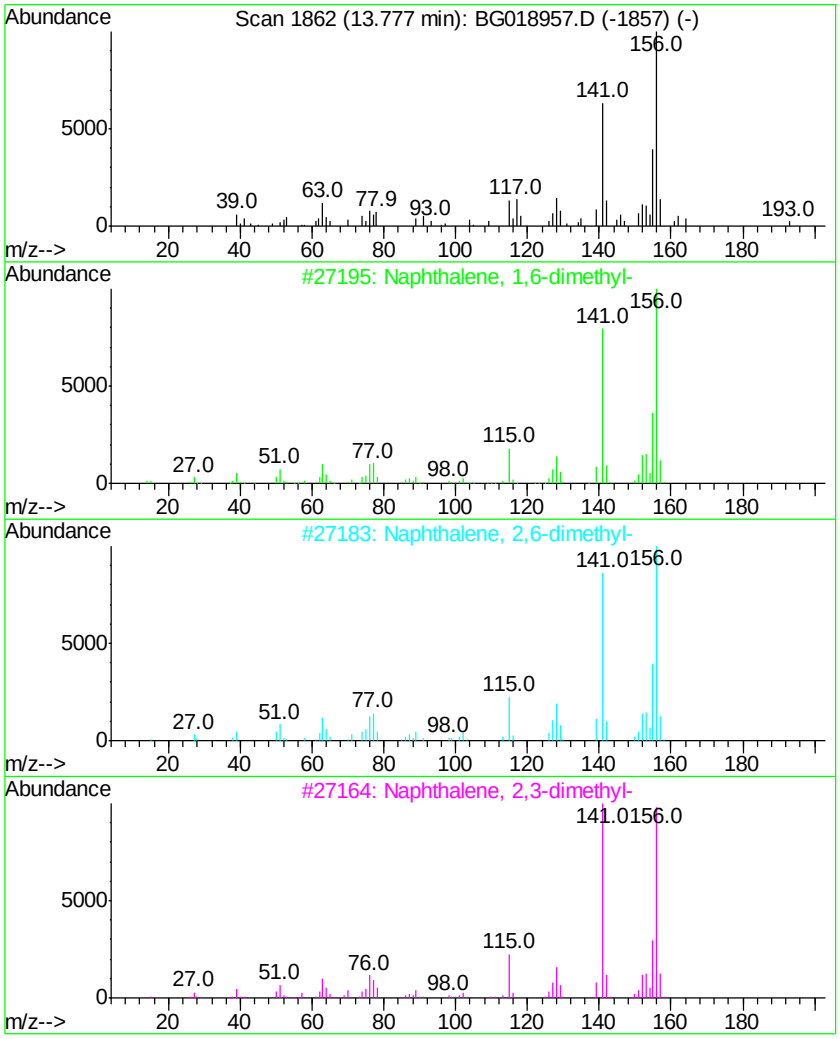
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

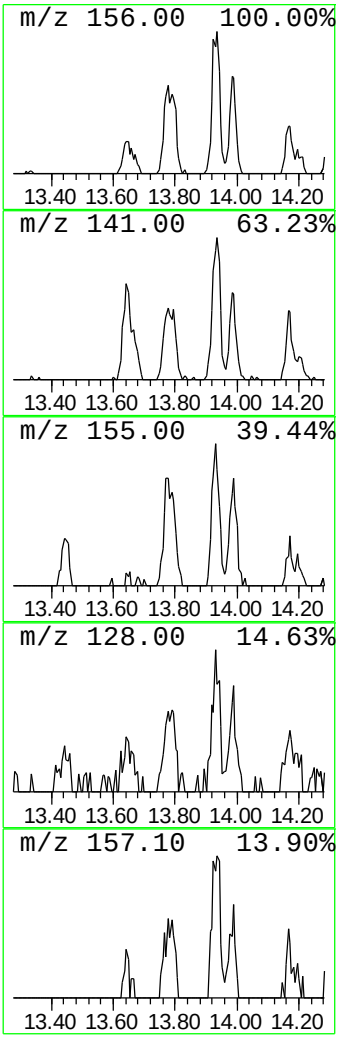
****

Peak Number 18 Naphthalene, 1,6-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	2.01 ng/ul	73739	Acenaphthene-d10	14.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	92
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG092915\
Data File : BG018957.D
Acq On : 29 Sep 2015 14:50
Operator : UM/NP
Sample : G3803-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E43K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

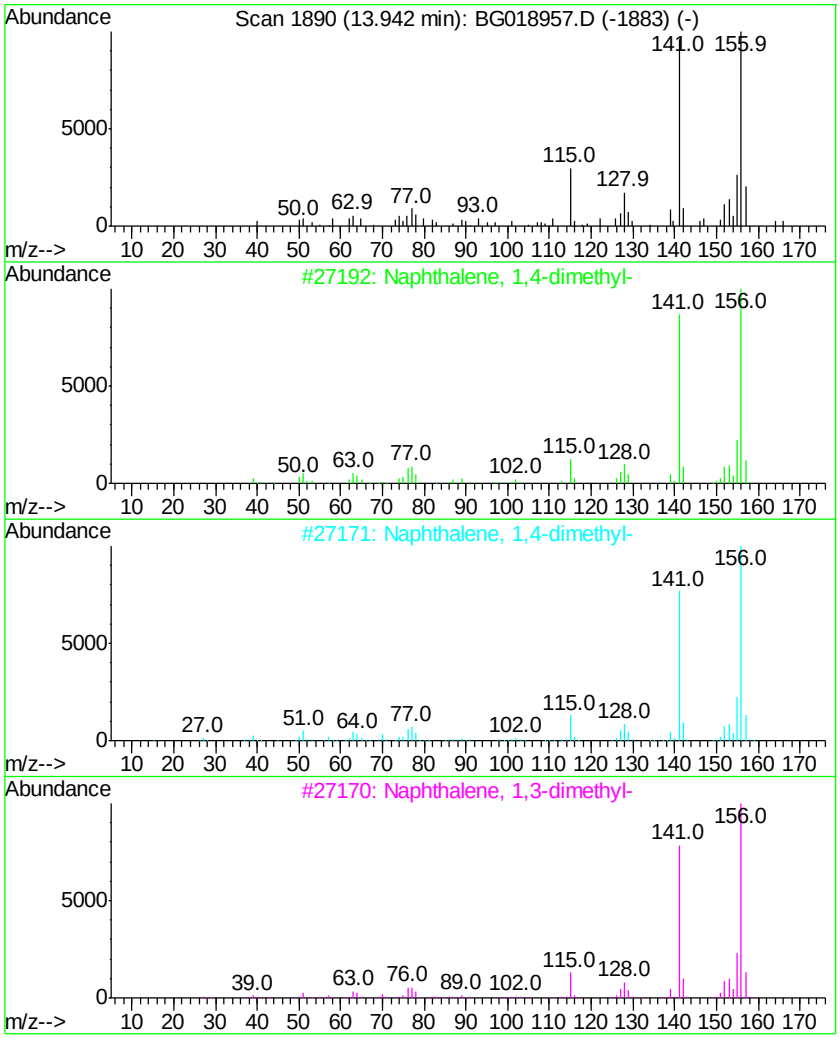
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

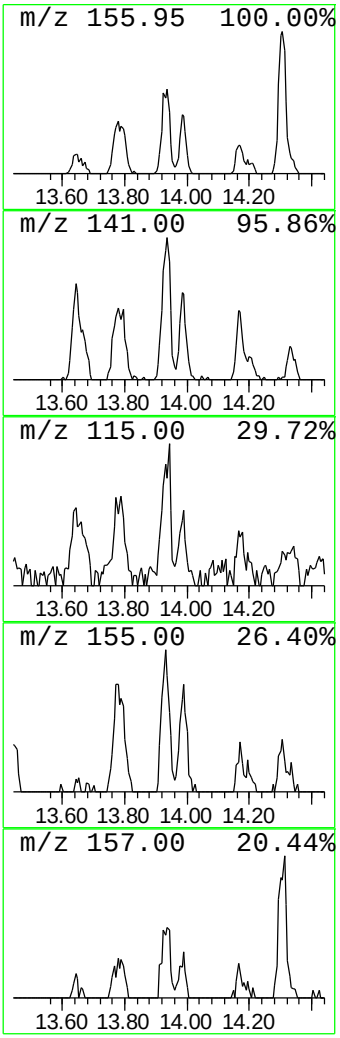
****

Peak Number 19 Naphthalene, 1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	2.27 ng/ul	83420	Acenaphthene-d10	14.61

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





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG092915\
Data File : BG018957.D
Acq On : 29 Sep 2015 14:50
Operator : UM/NP
Sample : G3803-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E43K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

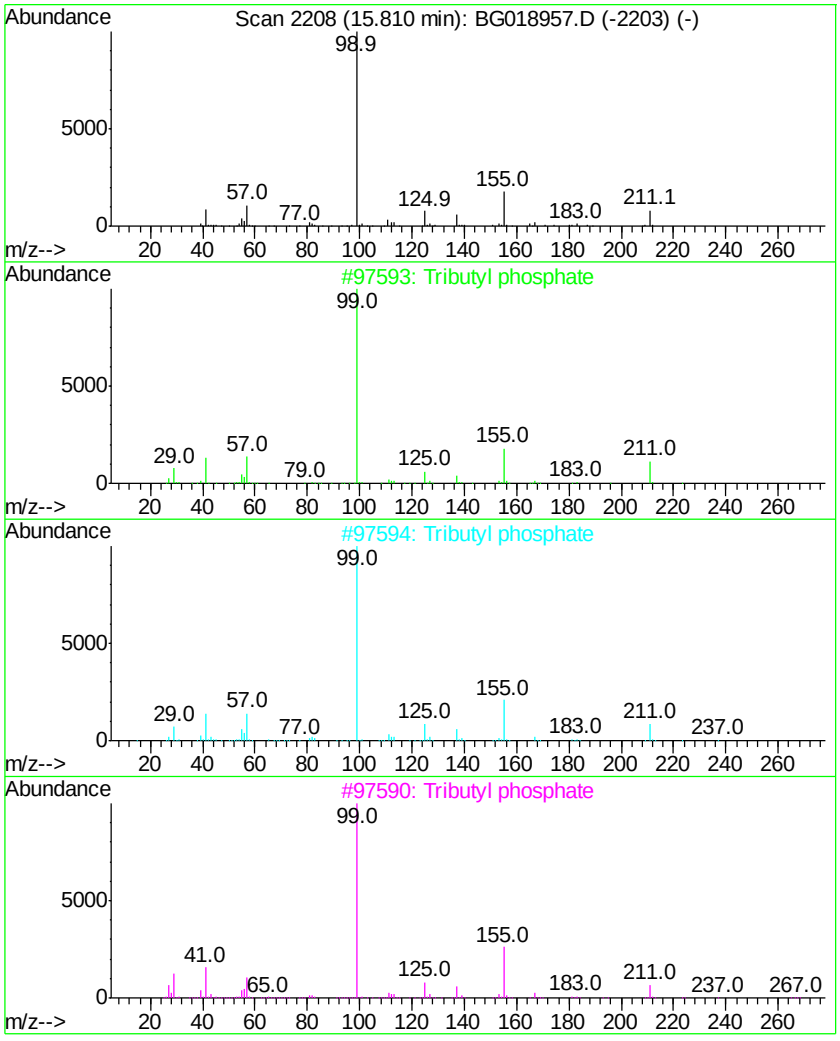
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

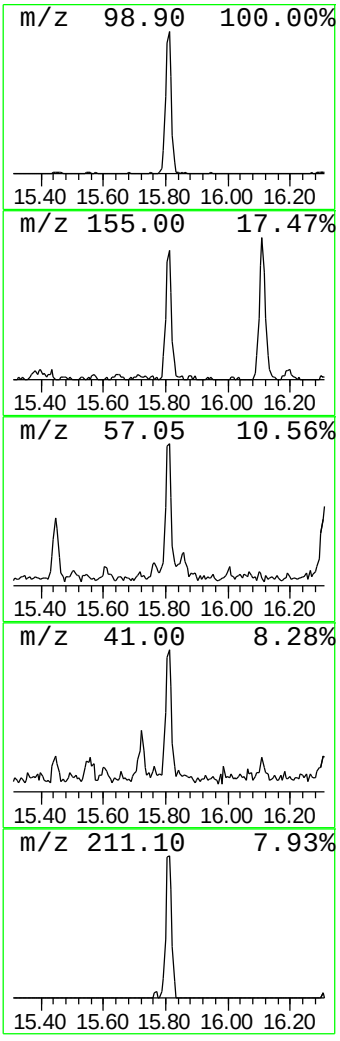
****

Peak Number 20 Tributyl phosphate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	4.79 ng/ul	176023	Acenaphthene-d10	14.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tributyl phosphate	266	C12H27O4P	000126-73-8	90
2	Tributyl phosphate	266	C12H27O4P	000126-73-8	49
3	Tributyl phosphate	266	C12H27O4P	000126-73-8	47
4	Tributyl phosphate	266	C12H27O4P	000126-73-8	47
5	Tributyl phosphate	266	C12H27O4P	000126-73-8	38





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG092915\
Data File : BG018957.D
Acq On : 29 Sep 2015 14:50
Operator : UM/NP
Sample : G3803-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E43K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

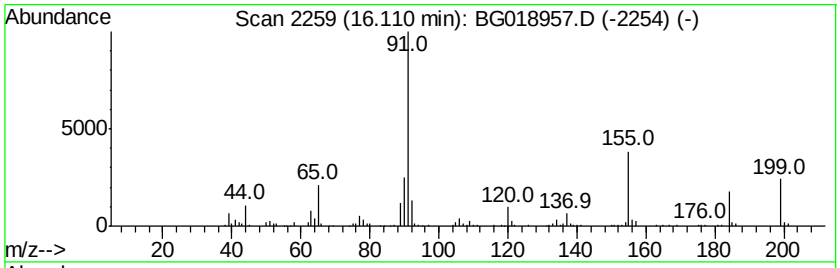
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

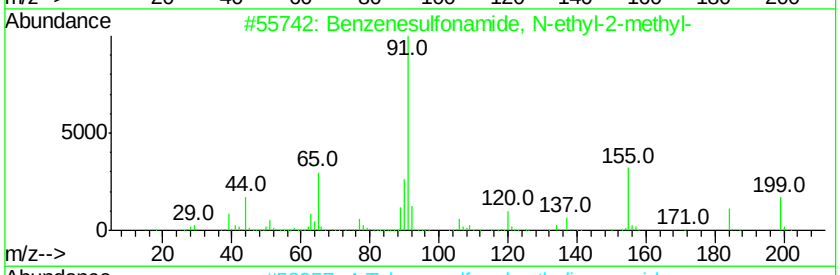
****

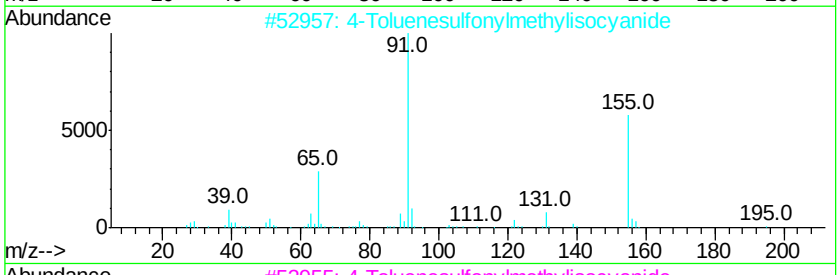
Peak Number 21 Benzenesulfonamide, N-ethyl... Concentration Rank 16

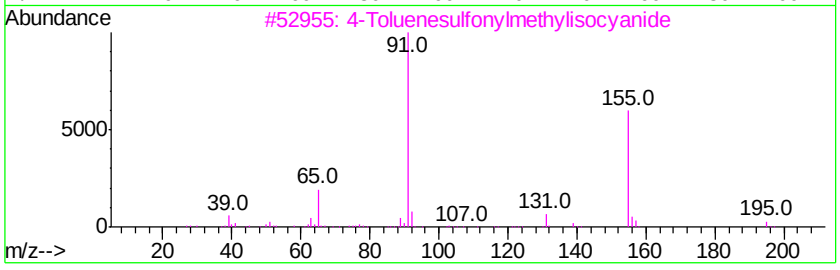
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	3.08 ng/ul	158261	Phenanthrene-d10	17.36

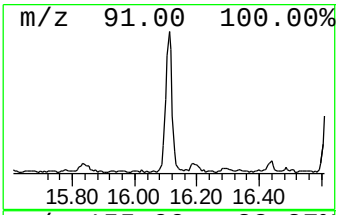
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	86
2	4-Toluenesulfonylmethylisocyanide	195	C9H9NO2S	036635-61-7	47
3	4-Toluenesulfonylmethylisocyanide	195	C9H9NO2S	036635-61-7	47
4	Benzenesulfonamide, N,N,4-trimet...	199	C9H13NO2S	000599-69-9	43
5	1-Hydroxytricyclo[4.3.0.0(4,9)]n...	308	C16H20O4S	201992-83-8	43

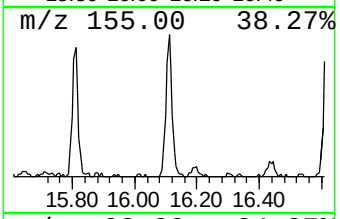


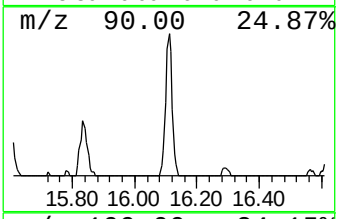


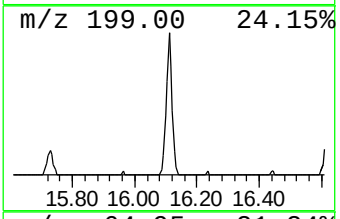


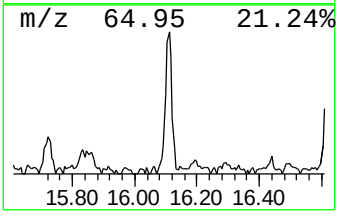












Data Path : U:\HPCHEM1\BNA G\DATA\BG092915\
Data File : BG018957.D
Acq On : 29 Sep 2015 14:50
Operator : UM/NP
Sample : G3803-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E43K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

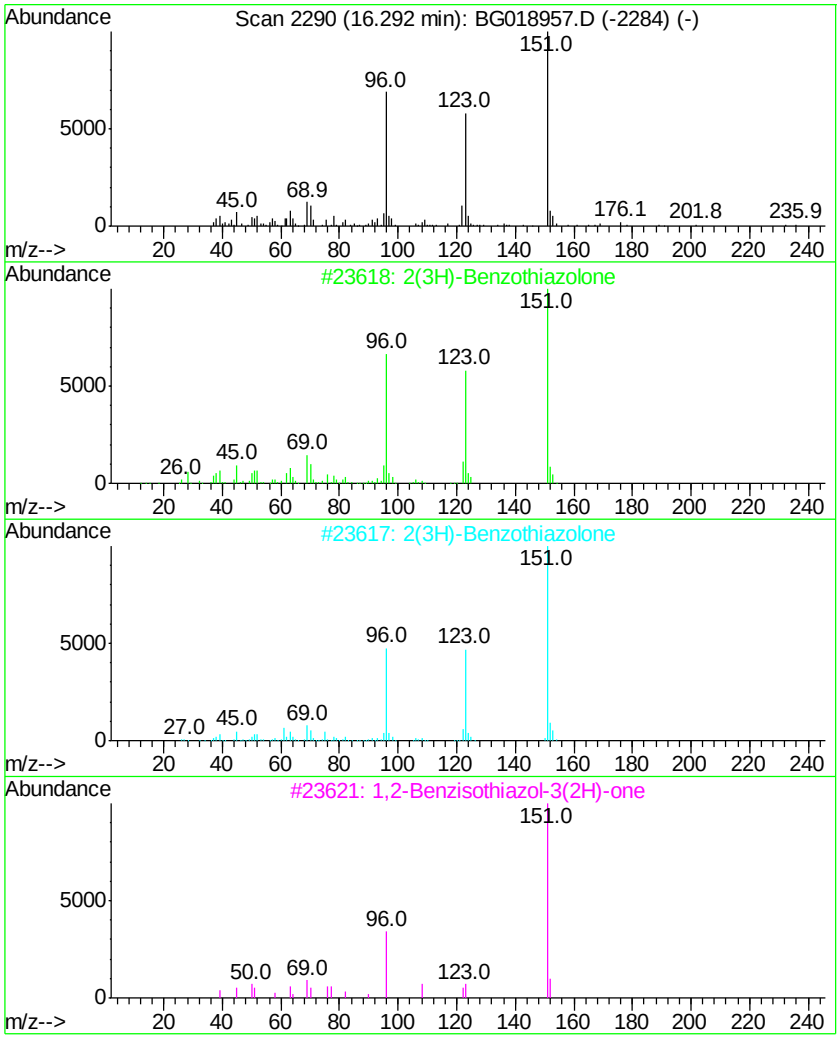
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

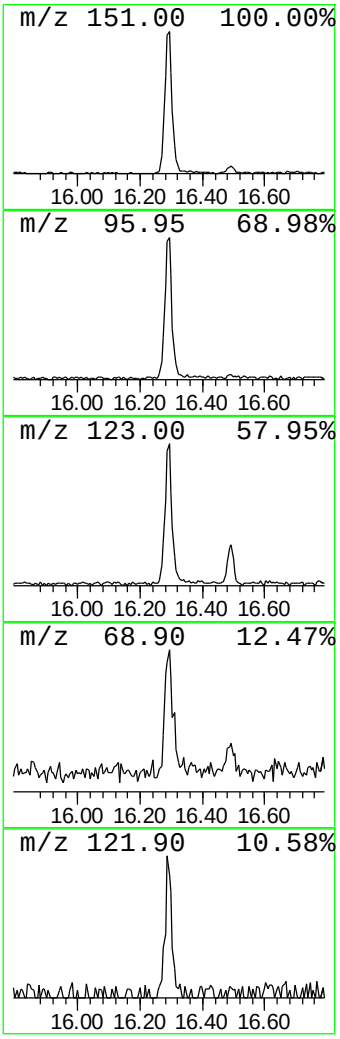
****

Peak Number 22 2(3H)-Benzothiazolone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	3.84 ng/ul	197828	Phenanthrene-d10	17.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	94
2	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	91
3	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	58
4	6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	50
5	1,2-Benzisothiazole, 3-ethoxy-	179	C9H9NOS	034263-64-4	40





Data Path : U:\HPCHEM1\BNA G\DATA\BG092915\
Data File : BG018957.D
Acq On : 29 Sep 2015 14:50
Operator : UM/NP
Sample : G3803-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E43K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

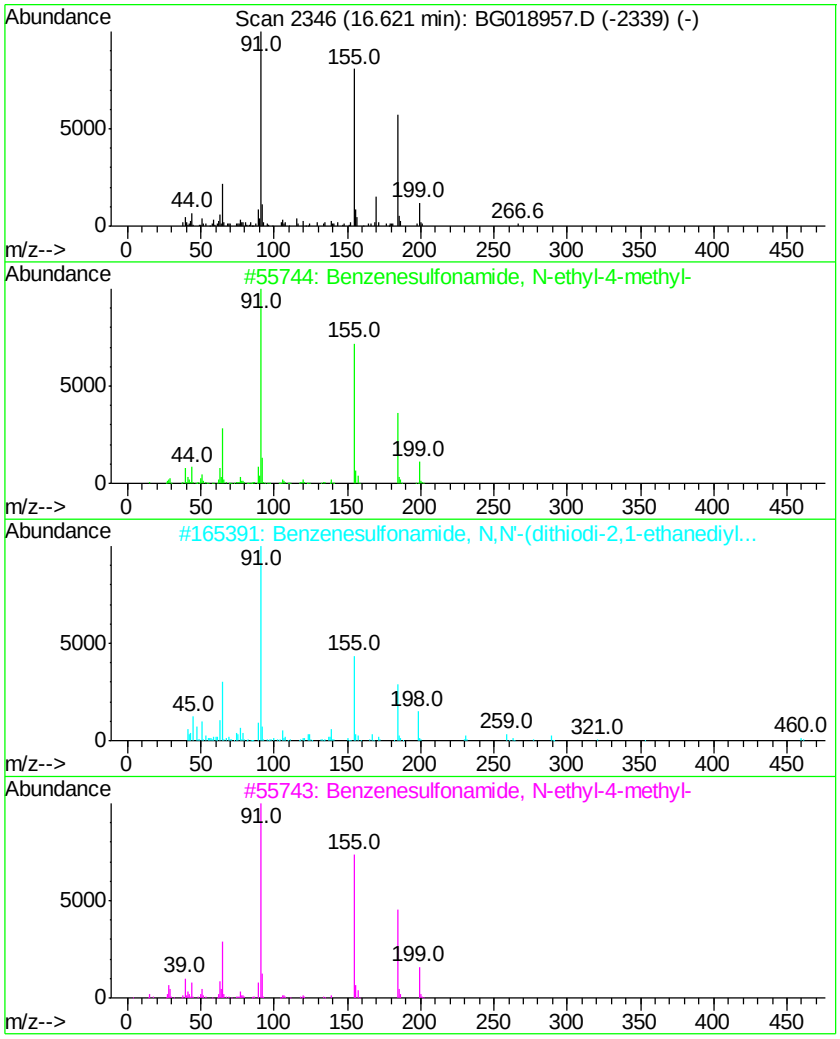
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

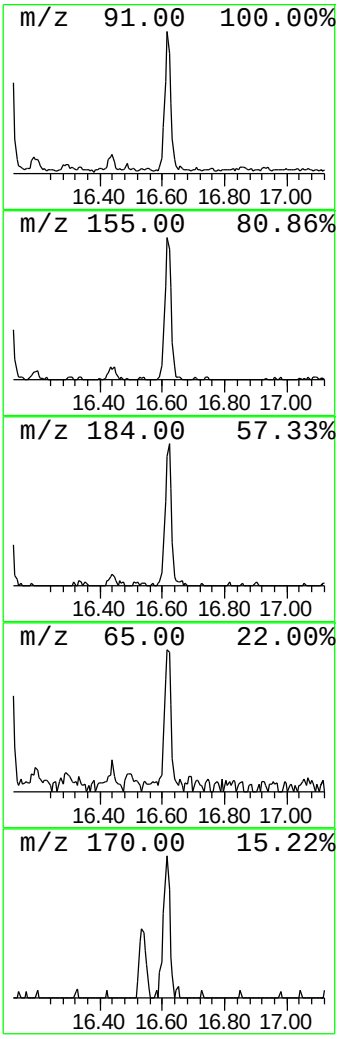
****

Peak Number 23 Benzenesulfonamide, N-ethyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	2.11 ng/ul	108407	Phenanthrene-d10	17.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	90
2	Benzenesulfonamide, N,N'-(dithio...	460	C18H24N2O4S4	023516-74-7	78
3	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	70
4	Glycine, N-[(4-methylphenyl)sulf...	229	C9H11NO4S	001080-44-0	59
5	4-Toluenesulfonylmethylisocyanide	195	C9H9NO2S	036635-61-7	50





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_G\DATA\BG092915\
Data File : BG018957.D
Acq On : 29 Sep 2015 14:50
Operator : UM/NP
Sample : G3803-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E43K1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.16	15.4	ng/ul	239637	1	7.99	310672	20.0
Benzene, (1-methy...	6.47	2.8	ng/ul	43801	1	7.99	310672	20.0
N-Benzyl-2-phenet...	6.97	2.1	ng/ul	32595	1	7.99	310672	20.0
Benzene, 1-ethyl-...	7.07	2.3	ng/ul	36050	1	7.99	310672	20.0
Benzene, 1,2,3-tr...	7.21	4.1	ng/ul	63669	1	7.99	310672	20.0
Benzene, 1-ethyl-...	7.37	4.2	ng/ul	65107	1	7.99	310672	20.0
Benzene, cyclopro...	8.36	3.8	ng/ul	58409	1	7.99	310672	20.0
Benzene, 2-ethyl-...	8.62	3.2	ng/ul	50156	1	7.99	310672	20.0
Benzene, 1,2,3,4-...	9.09	3.3	ng/ul	50578	1	7.99	310672	20.0
Benzene, 1,2,4,5-...	9.67	2.0	ng/ul	50454	2	10.79	493718	20.0
Benzene, 1-methyl...	10.19	4.0	ng/ul	97782	2	10.79	493718	20.0
Methylphosphonic ...	11.51	3.2	ng/ul	79375	2	10.79	493718	20.0
Naphthalene, 1,6-...	13.78	2.0	ng/ul	73739	3	14.61	734812	20.0
Naphthalene, 1,4-...	13.94	2.3	ng/ul	83420	3	14.61	734812	20.0
Tributyl phosphate	15.81	4.8	ng/ul	176023	3	14.61	734812	20.0
Benzenesulfonamid...	16.11	3.1	ng/ul	158261	4	17.36	1029340	20.0
2(3H)-Benzothiazo...	16.29	3.8	ng/ul	197828	4	17.36	1029340	20.0
Benzenesulfonamid...	16.62	2.1	ng/ul	108407	4	17.36	1029340	20.0