LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021197.D
Acq On : 1 Mar 2016 23:43
Operator : UM/SJ
Sample : H1565-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-5(2.5-5)20160223

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG022916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.061	32	38	57	rVV	1934928	2750207	100.00%	16.554%
2	3.202	57	62	71	rVB2	18991	37193	1.35%	0.224%
3	5.241	401	409	421	rBV	406997	624495	22.71%	3.759%
4	5.705	482	488	494	rVB	67357	109593	3.98%	0.660%
5	5.775	494	500	509	rBV	54090	118494	4.31%	0.713%
6	6.146	555	563	570	rVB2	52782	90675	3.30%	0.546%
7	6.627	635	645	652	rBV2	18474	34892	1.27%	0.210%
8	7.127	718	730	735	rBV3	55572	103603	3.77%	0.624%
9	7.227	742	747	752	rBV	106310	167199	6.08%	1.006%
10	7.297	752	759	765	rVV2	300625	536154	19.50%	3.227%
11	7.362	765	770	779	rVB	74069	122449	4.45%	0.737%
12	7.532	793	799	806	rVB	44993	71586	2.60%	0.431%
13	7.679	816	824	832	rVB	152443	270460	9.83%	1.628%
14	7.791	832	843	854	rVB	235493	401526	14.60%	2.417%
15	8.120	891	899	901	rBV	35558	62430	2.27%	0.376%
16	8.149	901	904	909	rVB	43926	66154	2.41%	0.398%
17	8.261	917	923	930	rVB2	75000	124667	4.53%	0.750%
18	8.372	937	942	949	rBV	33115	57787	2.10%	0.348%
19	8.472	952	959	964	rVV	241224	420012	15.27%	2.528%
20	8.525	964	968	977	rVB	24252	45057	1.64%	0.271%
21	8.631	979	986	990	rBV3	23405	46396	1.69%	0.279%
22	8.684	990	995	1006	rVB2	69312	150641	5.48%	0.907%
23	8.784	1006	1012	1025	rBV4	88785	202641	7.37%	1.220%
24	9.095	1060	1065	1070	rVV	33056	49388	1.80%	0.297%
25	9.148	1070	1074	1081	rVB	32739	52009	1.89%	0.313%
26	9.254	1086	1092	1096	rBV2	76520	125131	4.55%	0.753%
27	9.312	1096	1102	1109	rBV	227664	437875	15.92%	2.636%
28	9.589	1142	1149	1152	rBV2	16864	33012	1.20%	0.199%
29	9.771	1175	1180	1185	rBV	40083	66822	2.43%	0.402%
30	9.835	1185	1191	1199	rVB	61656	99893	3.63%	0.601%
31	10.147	1238	1244	1248	rBV2	17947	28889	1.05%	0.174%
32	10.206	1248	1254	1262	rVB6	35186	77834	2.83%	0.469%
33	10.294	1262	1269	1273	rBV2	16939	37298	1.36%	0.225%
34	10.352	1273	1279	1285	rVV2	69986	136708	4.97%	0.823%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021197.D
Acq On : 1 Mar 2016 23:43
Operator : UM/SJ
Sample : H1565-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-5(2.5-5)20160223

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG022916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.411	1285	1289	1294	rVB2	22993	35449	1.29%	0.213%
36	10.523	1301	1308	1315	rVB5	13541	32855	1.19%	0.198%
37	10.911	1369	1374	1376	rBV	29461	49437	1.80%	0.298%
38	10.958	1377	1382	1386	rVV	78402	160629	5.84%	0.967%
39	11.005	1386	1390	1396	rVB	77009	146620	5.33%	0.883%
40	11.862	1529	1536	1541	rBV2	23068	45762	1.66%	0.275%
41	12.344	1610	1618	1624	rBV3	31268	57414	2.09%	0.346%
42	12.597	1656	1661	1669	rVB	65490	111774	4.06%	0.673%
43	12.814	1691	1698	1708	rVB2	44910	77767	2.83%	0.468%
44	13.384	1788	1795	1801	rVB	498114	749710	27.26%	4.513%
45	13.566	1816	1826	1834	rBV2	18340	33157	1.21%	0.200%
46	14.077	1904	1913	1918	rBV	24247	43756	1.59%	0.263%
47	14.195	1928	1933	1941	rVB	73694	112781	4.10%	0.679%
48	14.753	2016	2028	2034	rVV2	114103	193229	7.03%	1.163%
49	14.818	2034	2039	2047	rVB	27090	46409	1.69%	0.279%
50	15.147	2089	2095	2100	rBV2	23604	39046	1.42%	0.235%
51	15.576	2164	2168	2173	rVB	28362	34911	1.27%	0.210%
52	15.799	2199	2206	2214	rBV	33322	57840	2.10%	0.348%
53	16.234	2275	2280	2289	rVB	66626	101308	3.68%	0.610%
54	16.433	2310	2314	2317	rBV2	25035	35198	1.28%	0.212%
55	16.786	2364	2374	2379	rBV7	13499	35228	1.28%	0.212%
56	17.227	2443	2449	2455	rBV4	21853	40395	1.47%	0.243%
57	17.309	2460	2463	2471	rVB2	20213	28957	1.05%	0.174%
58	17.491	2488	2494	2497	rBV	135497	209096	7.60%	1.259%
59	17.532	2497	2501	2508	rVV	365636	548357	19.94%	3.301%
60	17.620	2508	2516	2522	rVV	52541	87469	3.18%	0.526%
61	17.885	2551	2561	2570	rBV2	26309	51070	1.86%	0.307%
62	18.361	2635	2642	2646	rBV2	87780	143217	5.21%	0.862%
63	18.408	2646	2650	2657	rVB	79613	123700	4.50%	0.745%
64	18.490	2657	2664	2669	rBV	24283	40965	1.49%	0.247%
65	18.555	2669	2675	2679	rVV2	72531	155146	5.64%	0.934%
66	18.590	2679	2681	2688	rVB3	48064	65905	2.40%	0.397%
67	18.848	2720	2725	2729	rBV	44960	66399	2.41%	0.400%
68	18.895	2729	2733	2738	rVB	45023	67837	2.47%	0.408%
69	19.265	2791	2796	2801	rBV	45128	78764	2.86%	0.474%
70	19.406	2816	2820	2828	rBV4	32548	65884	2.40%	0.397%
71	19.530	2835	2841	2847	rVB	428371	610267	22.19%	3.673%

LSC Area Percent Report

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Acq On : 1 Mar 2016 23:43
Operator : UM/SJ
Sample : H1565-08
Misc :
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Instrument : BNA_G
ClientSampleId : CEB-5(2.5-5)20160223

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	19.618	2853	2856	2862	rVB7	22762	33036	1.20%	0.199%
73	19.771	2878	2882	2886	rBV	21456	30361	1.10%	0.183%
74	19.859	2891	2897	2898	rBV	67236	96208	3.50%	0.579%
75	19.894	2898	2903	2910	rVV	415230	628354	22.85%	3.782%
76	19.959	2910	2914	2920	rVB3	28946	48041	1.75%	0.289%
77	20.082	2929	2935	2940	rBV	772332	967940	35.20%	5.826%
78	20.206	2951	2956	2957	rBV4	33118	47324	1.72%	0.285%
79	20.376	2981	2985	2989	rVB2	67771	105178	3.82%	0.633%
80	20.476	2998	3002	3005	rBV	36273	49918	1.82%	0.300%
81	20.535	3006	3012	3016	rVV2	43127	85716	3.12%	0.516%
82	20.670	3032	3035	3040	rBV	38558	57289	2.08%	0.345%
83	20.717	3040	3043	3046	rVV	37032	49113	1.79%	0.296%
84	20.752	3046	3049	3055	rVB2	39195	56578	2.06%	0.341%
85	21.134	3112	3114	3122	rVB	39821	57584	2.09%	0.347%
86	21.369	3151	3154	3159	rVB2	56024	79217	2.88%	0.477%
87	21.422	3160	3163	3168	rVB2	28324	39676	1.44%	0.239%
88	21.622	3193	3197	3203	rVB	134195	196425	7.14%	1.182%
89	21.739	3211	3217	3224	rBV2	208159	569913	20.72%	3.430%
90	21.804	3224	3228	3235	rVB	170796	281827	10.25%	1.696%
91	23.989	3592	3600	3608	rBV	97100	342937	12.47%	2.064%
92	24.871	3743	3750	3765	rVB	85478	257253	9.35%	1.548%
93	25.035	3770	3778	3786	rVV	70529	190595	6.93%	1.147%

Sum of corrected areas: 16613361

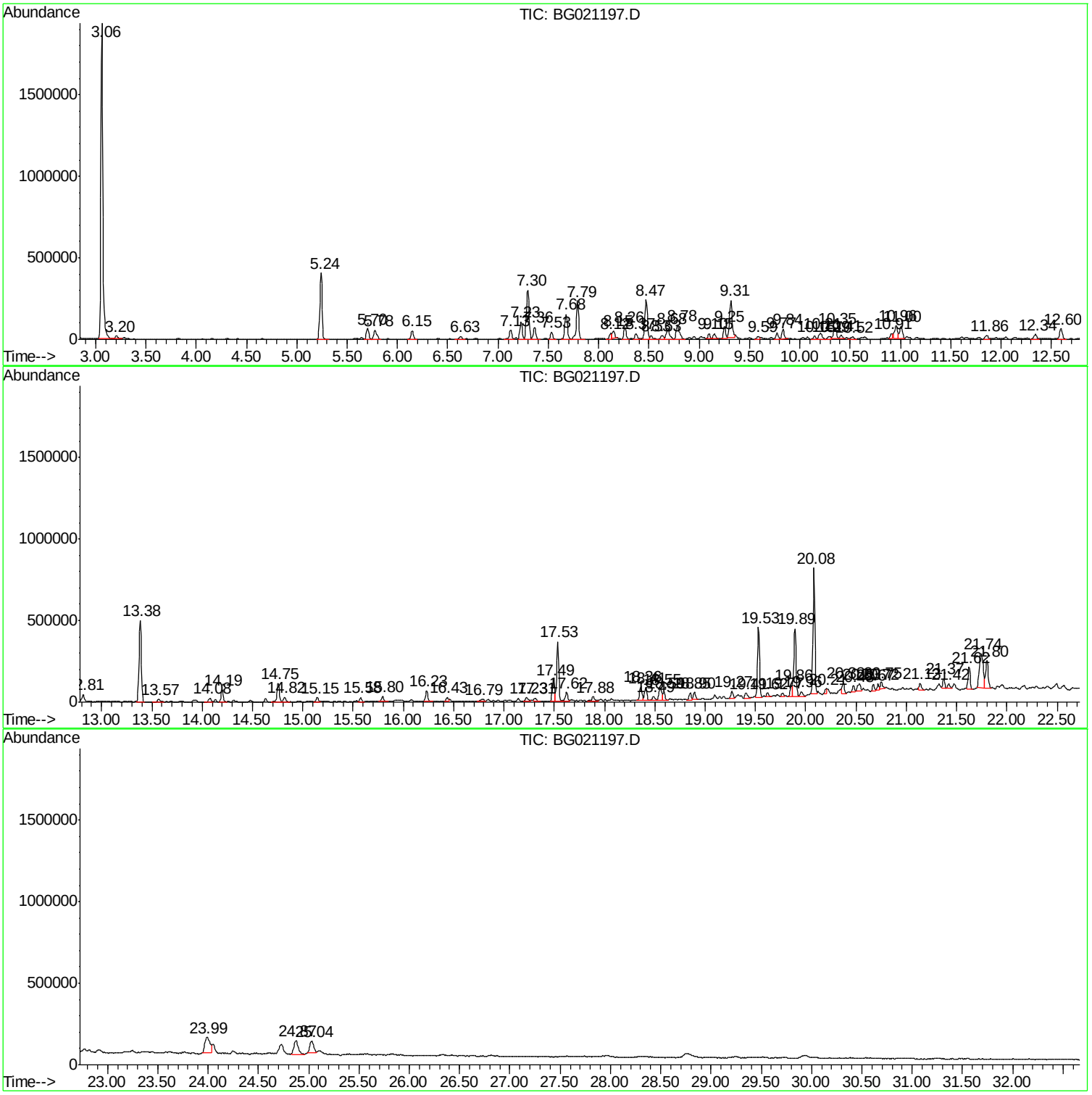
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021197.D
Acq On : 1 Mar 2016 23:43
Operator : UM/SJ
Sample : H1565-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-5(2.5-5)20160223

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021197.D
Acq On : 1 Mar 2016 23:43
Operator : UM/SJ
Sample : H1565-08
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Instrument : BNA_G
ClientSampleId : CEB-5(2.5-5)20160223

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

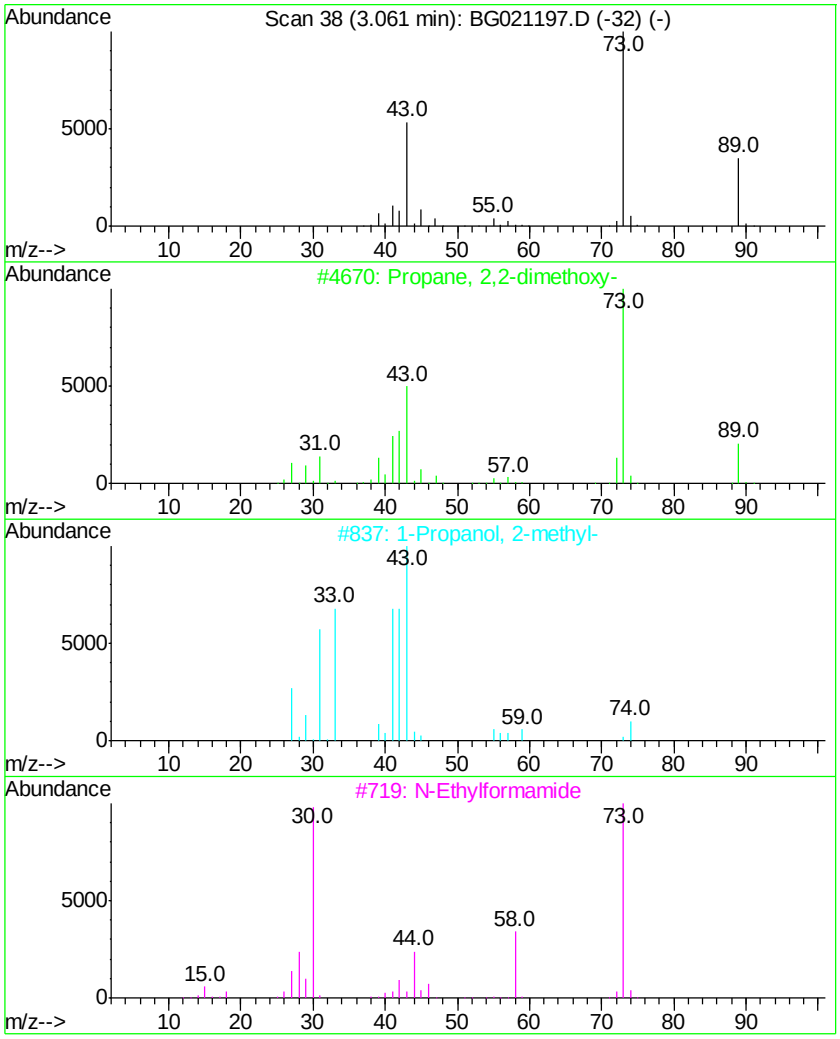
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

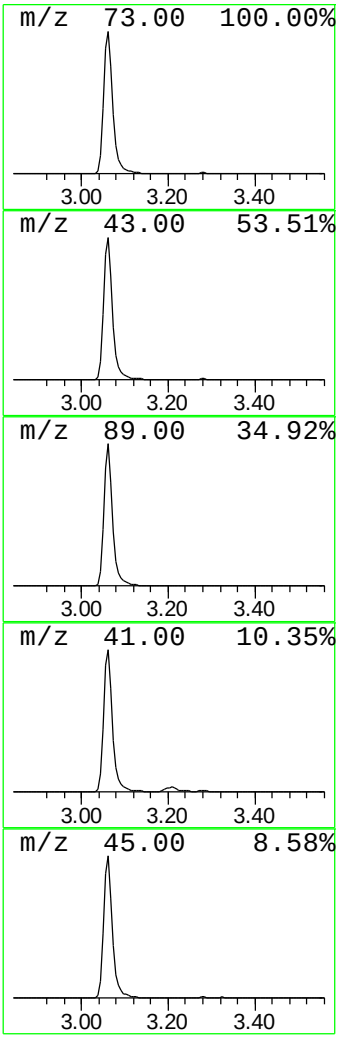
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	831.46 ng	2750210	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
5	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021197.D
Acq On : 1 Mar 2016 23:43
Operator : UM/SJ
Sample : H1565-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-5(2.5-5)20160223

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

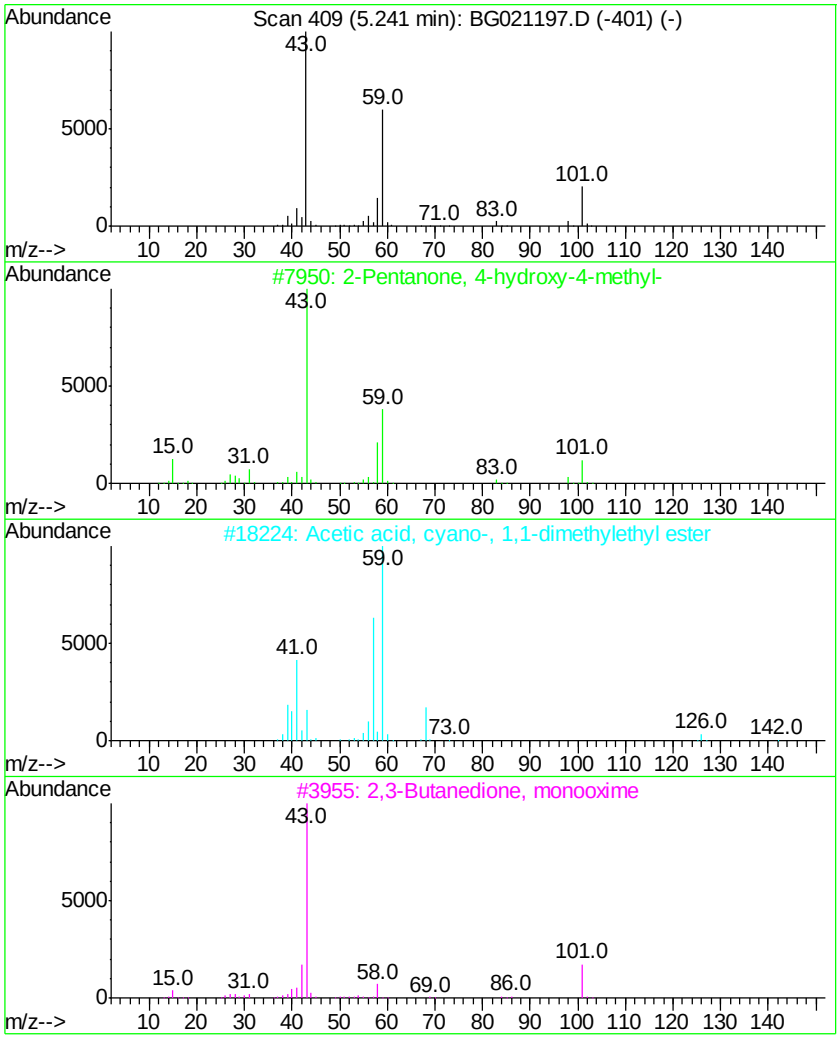
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

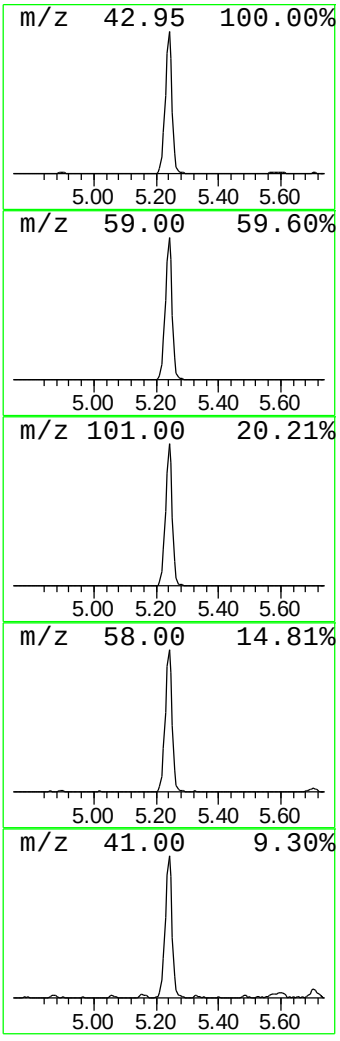
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	188.80 ng	624495	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021197.D
Acq On : 1 Mar 2016 23:43
Operator : UM/SJ
Sample : H1565-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-5(2.5-5)20160223

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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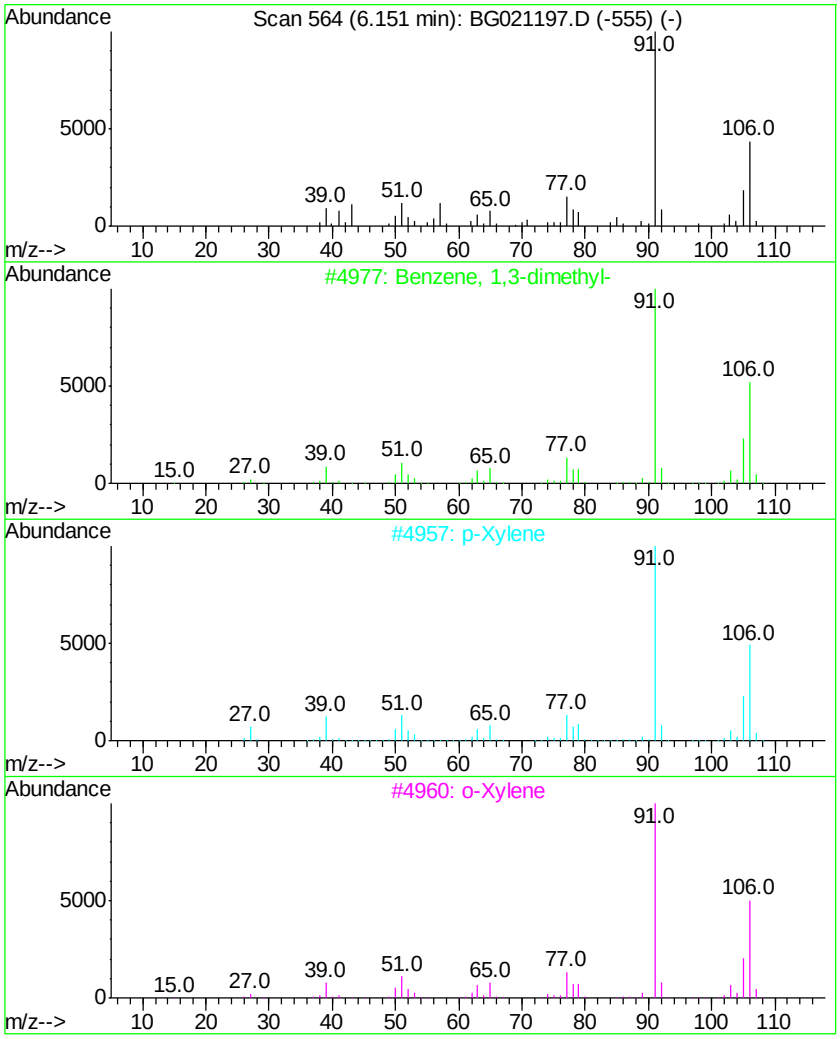
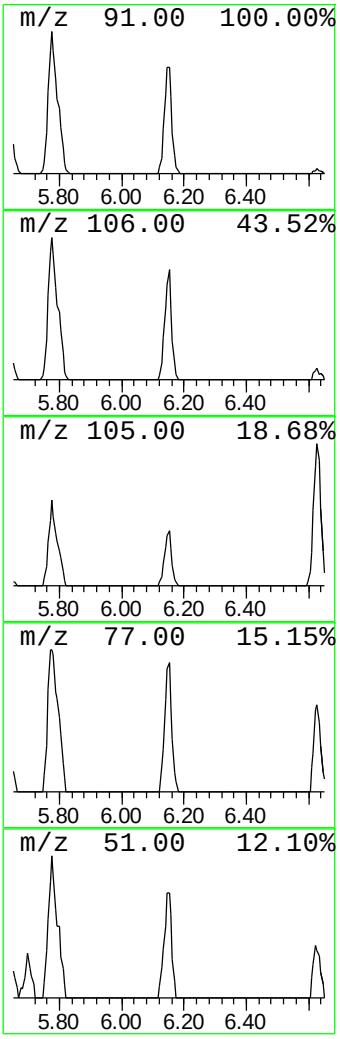
Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	27.41 ng	90675	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2	p-Xylene	106	C8H10	000106-42-3	95
3	o-Xylene	106	C8H10	000095-47-6	95
4	Ethylbenzene	106	C8H10	000100-41-4	87
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	74





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021197.D
Acq On : 1 Mar 2016 23:43
Operator : UM/SJ
Sample : H1565-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-5(2.5-5)20160223

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
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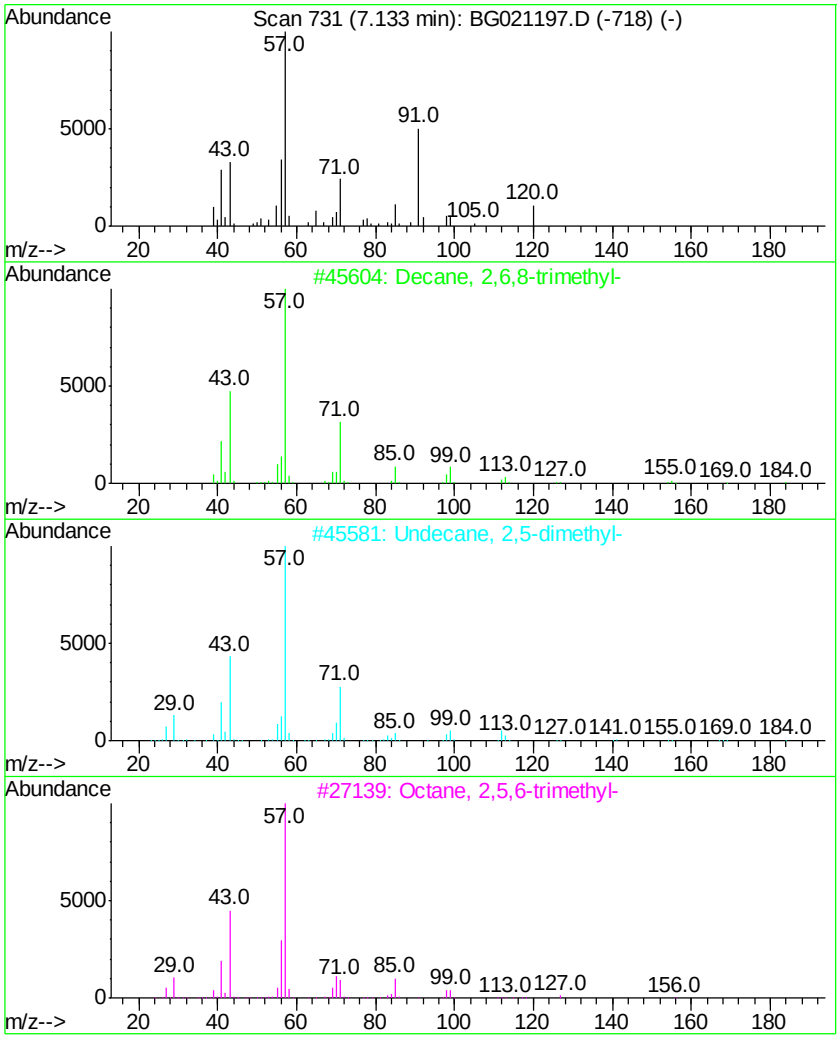
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

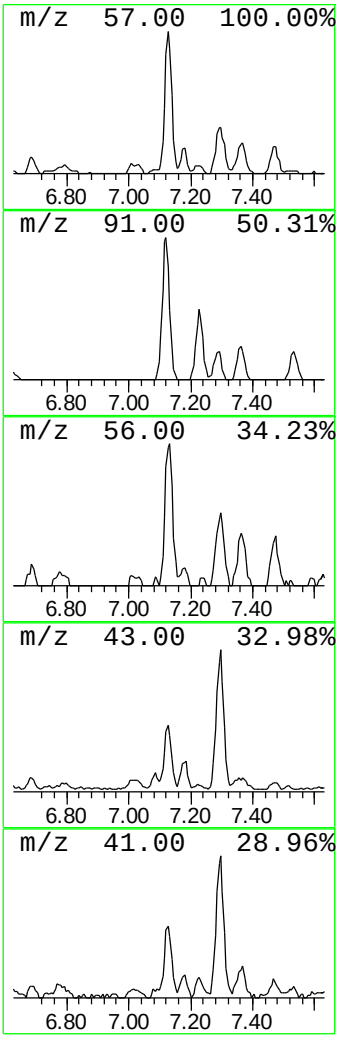
****

Peak Number 5 unknown7.13 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	31.32 ng	103603	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	47
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	43
3	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	43
4	Benzene, propyl-	120	C9H12	000103-65-1	35
5	Octane, 3-methyl-	128	C9H20	002216-33-3	35





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021197.D
Acq On : 1 Mar 2016 23:43
Operator : UM/SJ
Sample : H1565-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-5(2.5-5)20160223

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

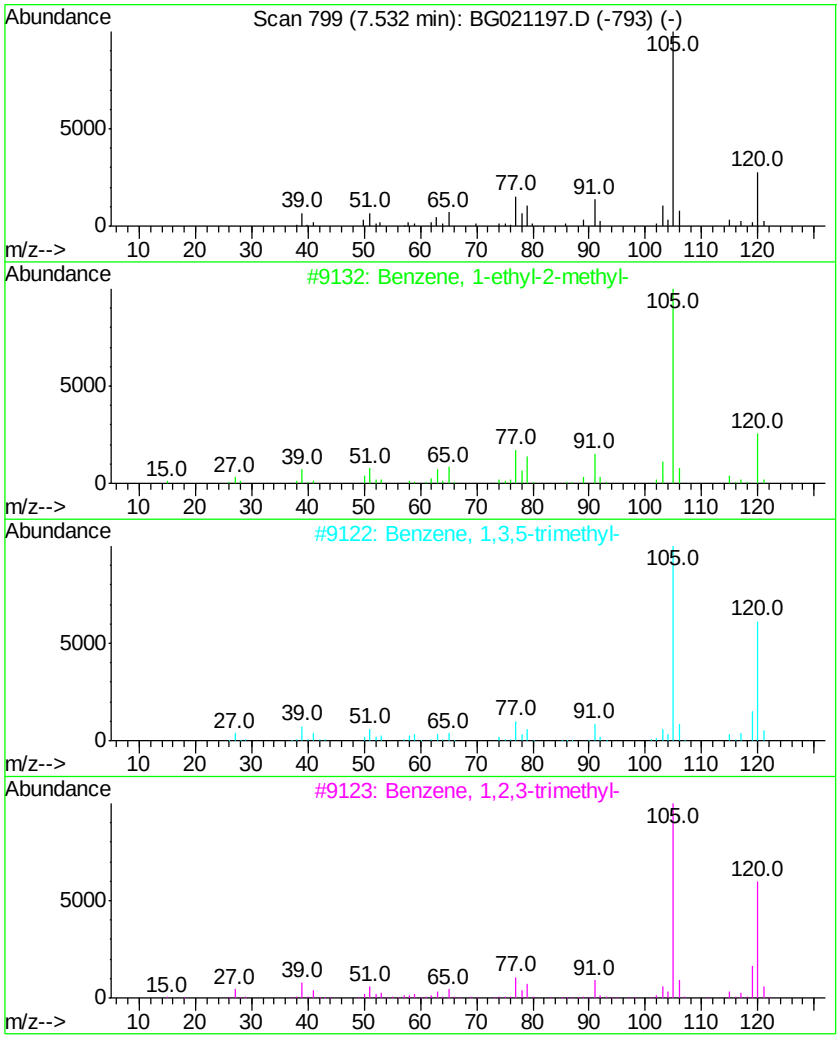
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

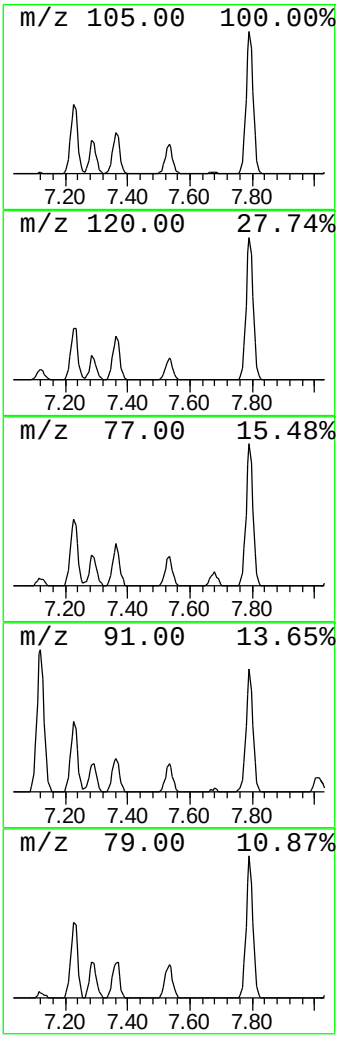
****

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	21.64 ng	71586	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021197.D
Acq On : 1 Mar 2016 23:43
Operator : UM/SJ
Sample : H1565-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-5(2.5-5)20160223

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

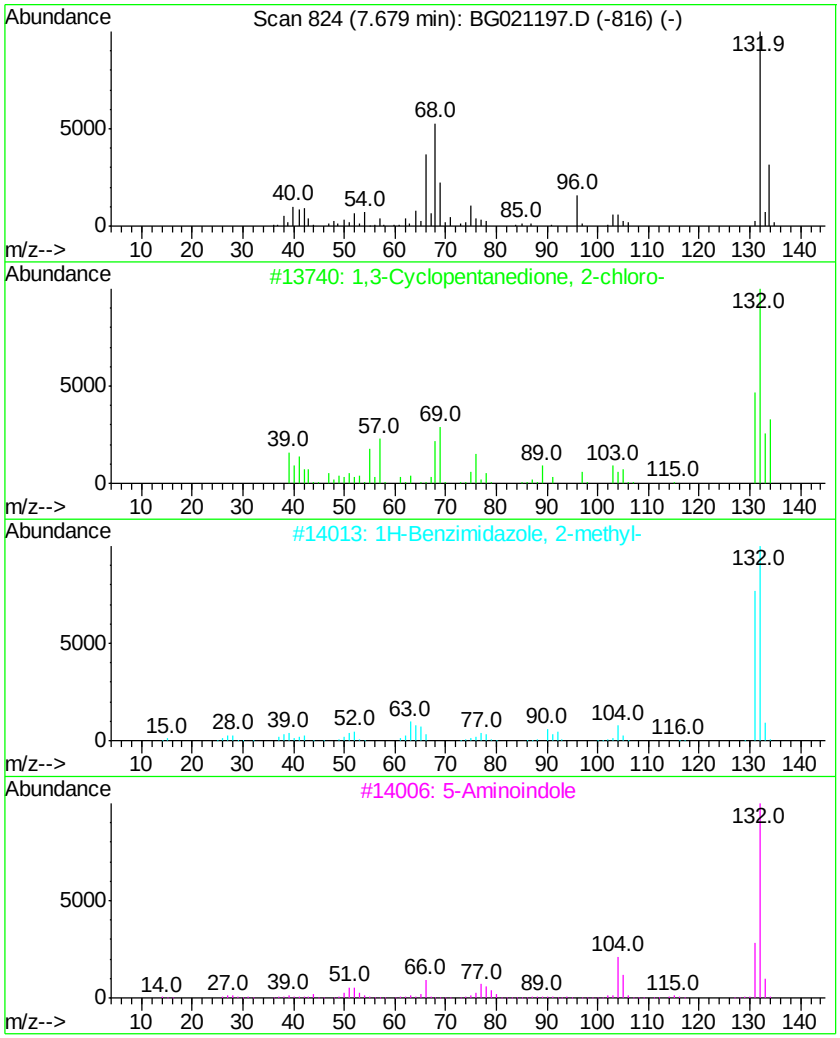
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

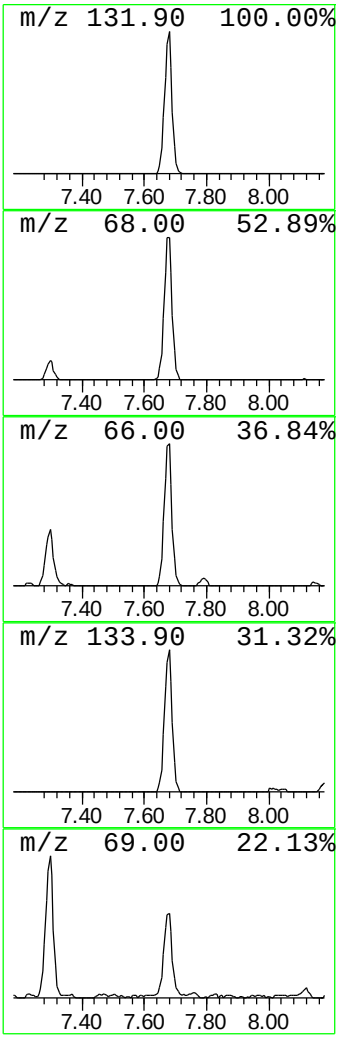
****

Peak Number 9 unknown7.68 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	81.77 ng	270460	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12





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Data File : BG021197.D
Acq On : 1 Mar 2016 23:43
Operator : UM/SJ
Sample : H1565-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-5(2.5-5)20160223

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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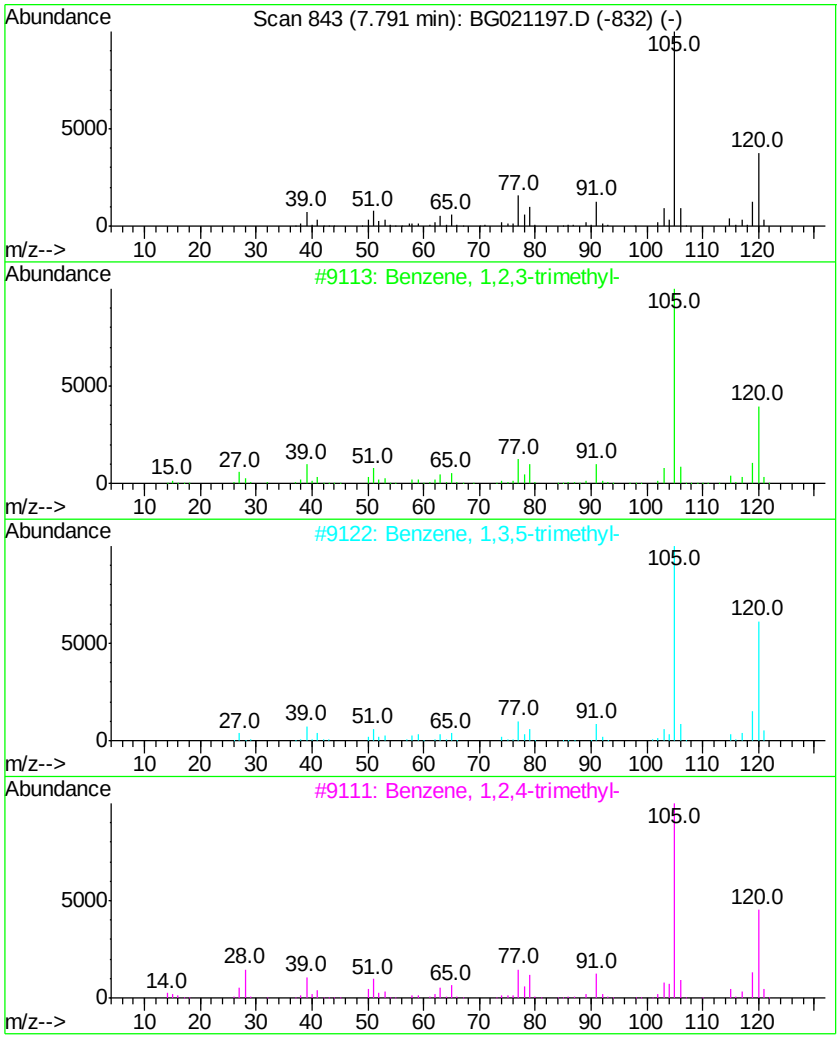
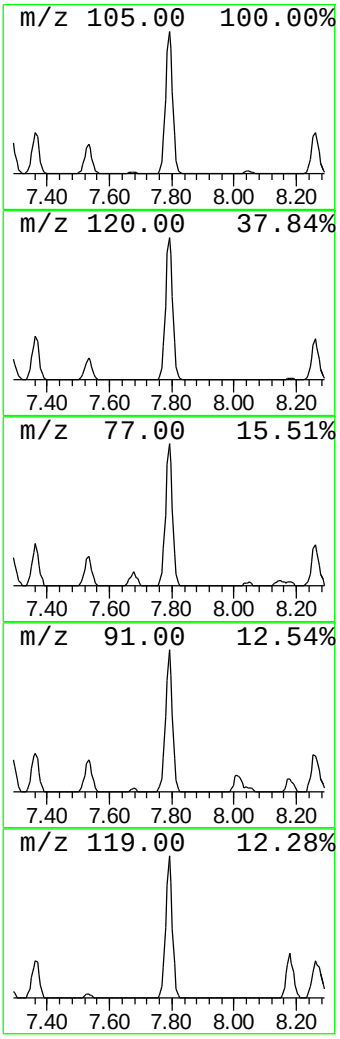
Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	121.39 ng	401526	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





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Acq On : 1 Mar 2016 23:43
Operator : UM/SJ
Sample : H1565-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-5(2.5-5)20160223

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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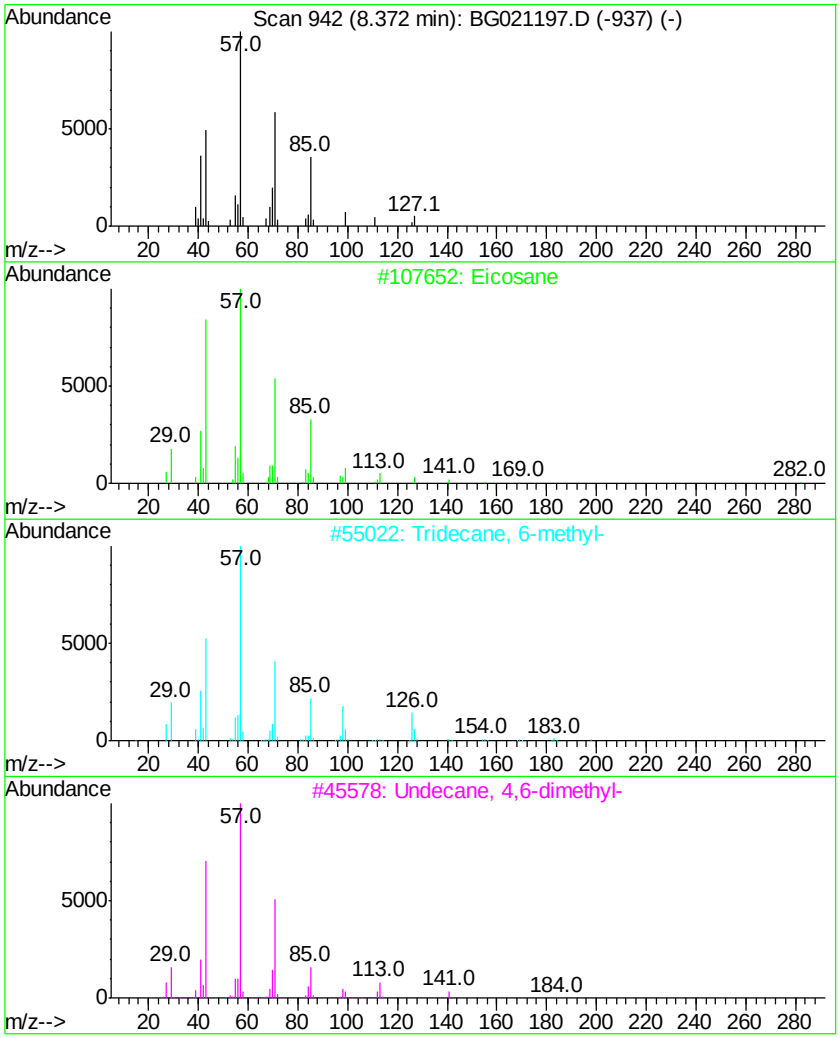
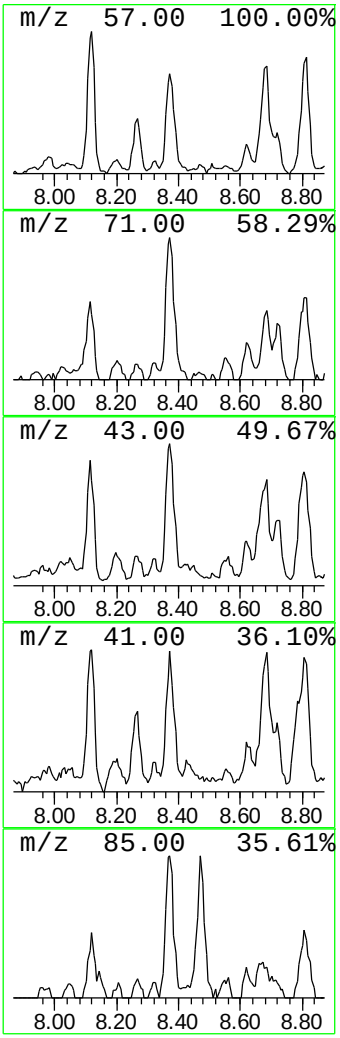
Peak Number 12 Eicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	17.47 ng	57787	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	72
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72
4	Hexadecane	226	C16H34	000544-76-3	64
5	Tetradecane	198	C14H30	000629-59-4	59





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-5(2.5-5)20160223

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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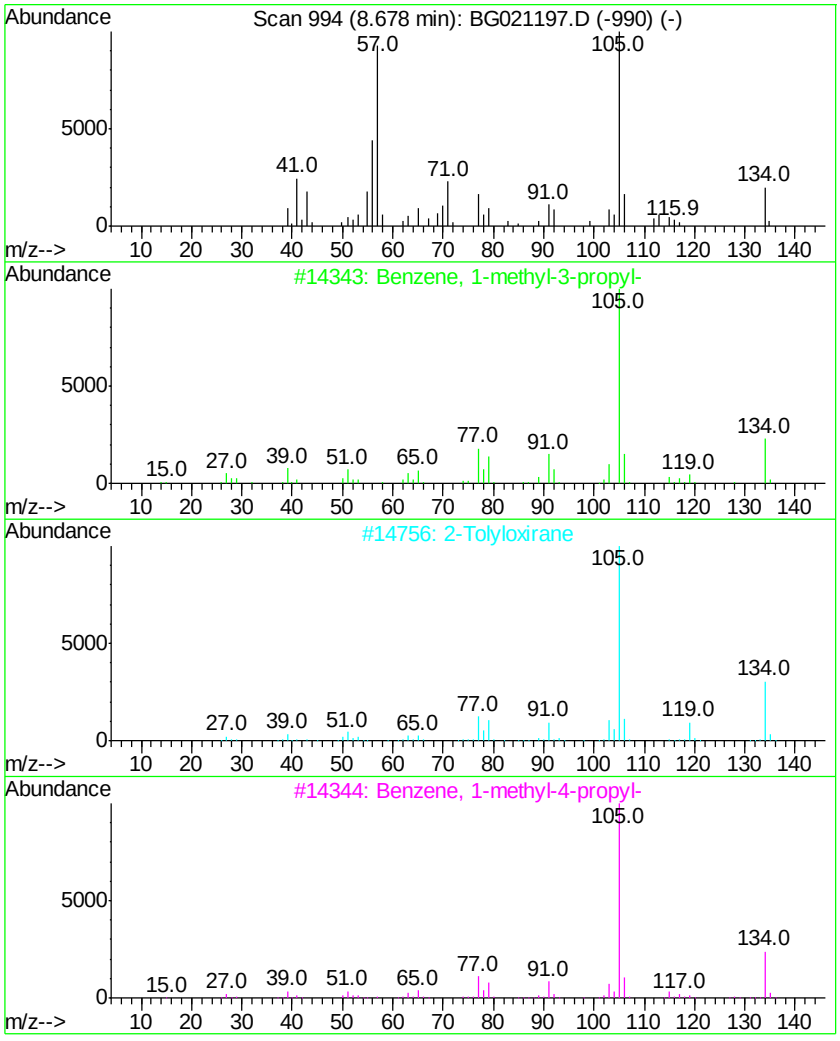
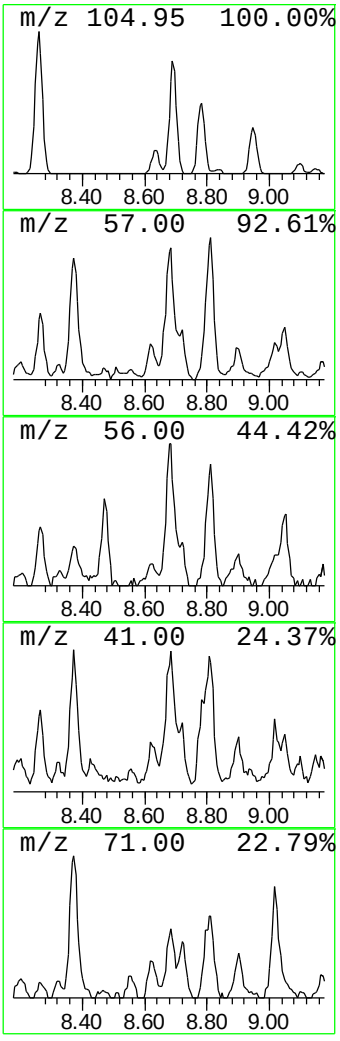
Peak Number 14 Benzene, 1-methyl-3-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	45.54 ng	150641	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	93
2	2-Tolyloxirane	134	C9H10O	002783-26-8	70
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	70
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	70
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	53





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Operator : UM/SJ
Sample : H1565-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-5(2.5-5)20160223

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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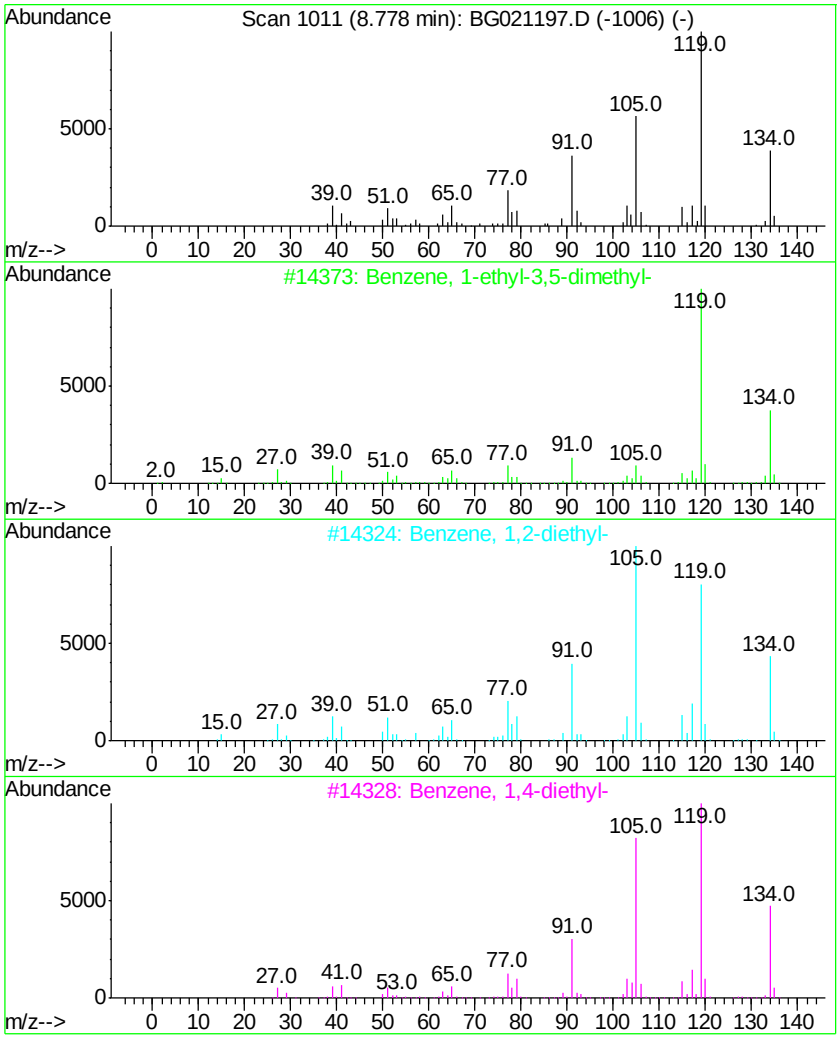
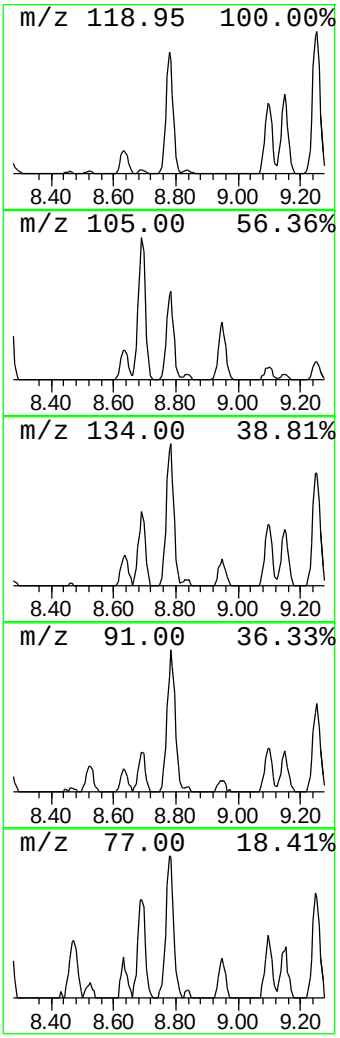
Peak Number 15 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	61.26 ng	202641	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





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Operator : UM/SJ
Sample : H1565-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-5(2.5-5)20160223

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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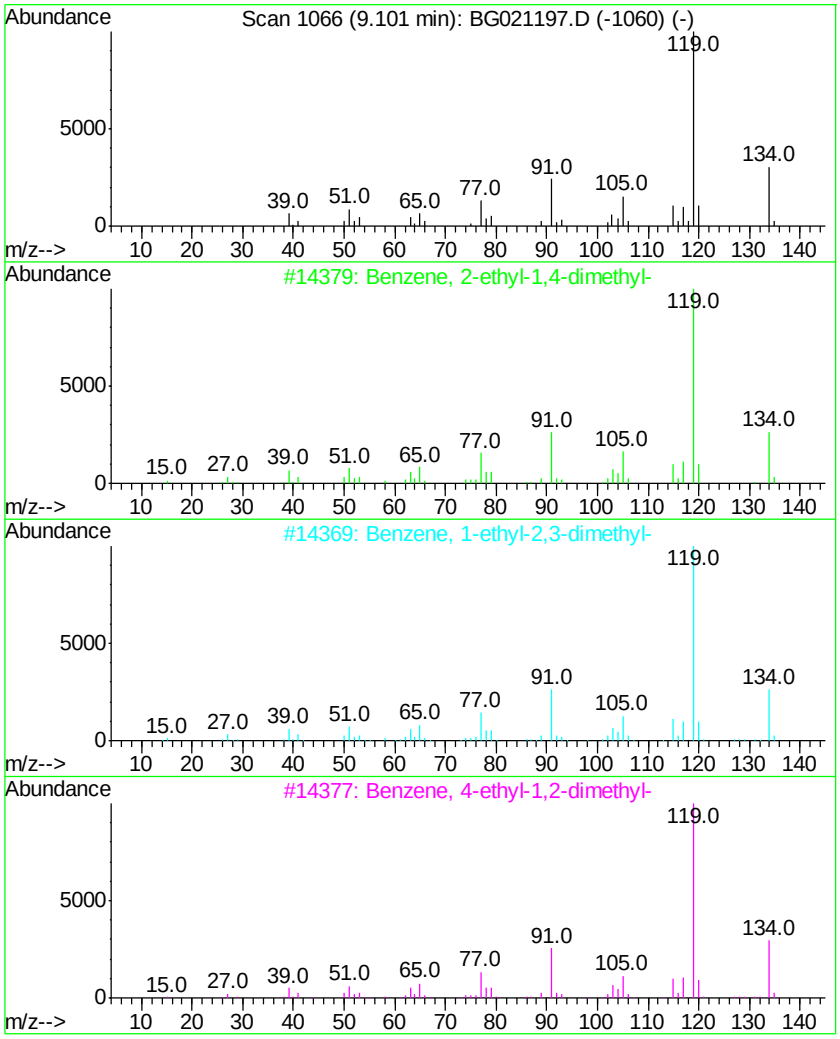
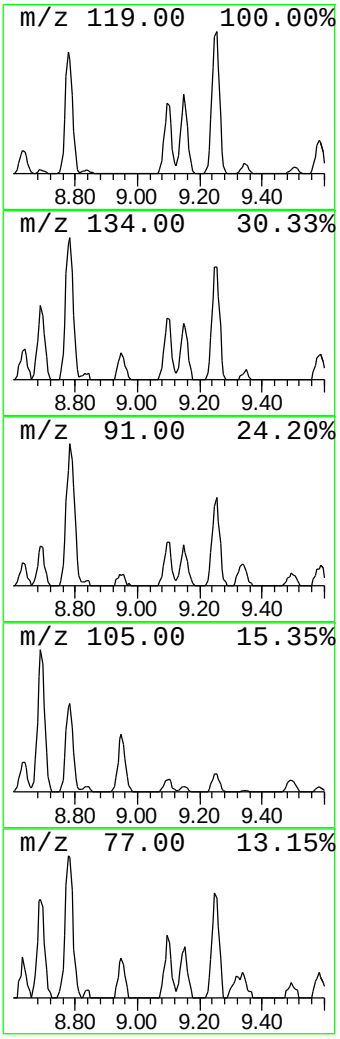
Peak Number 16 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	14.93 ng	49388	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021197.D
Acq On : 1 Mar 2016 23:43
Operator : UM/SJ
Sample : H1565-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-5(2.5-5)20160223

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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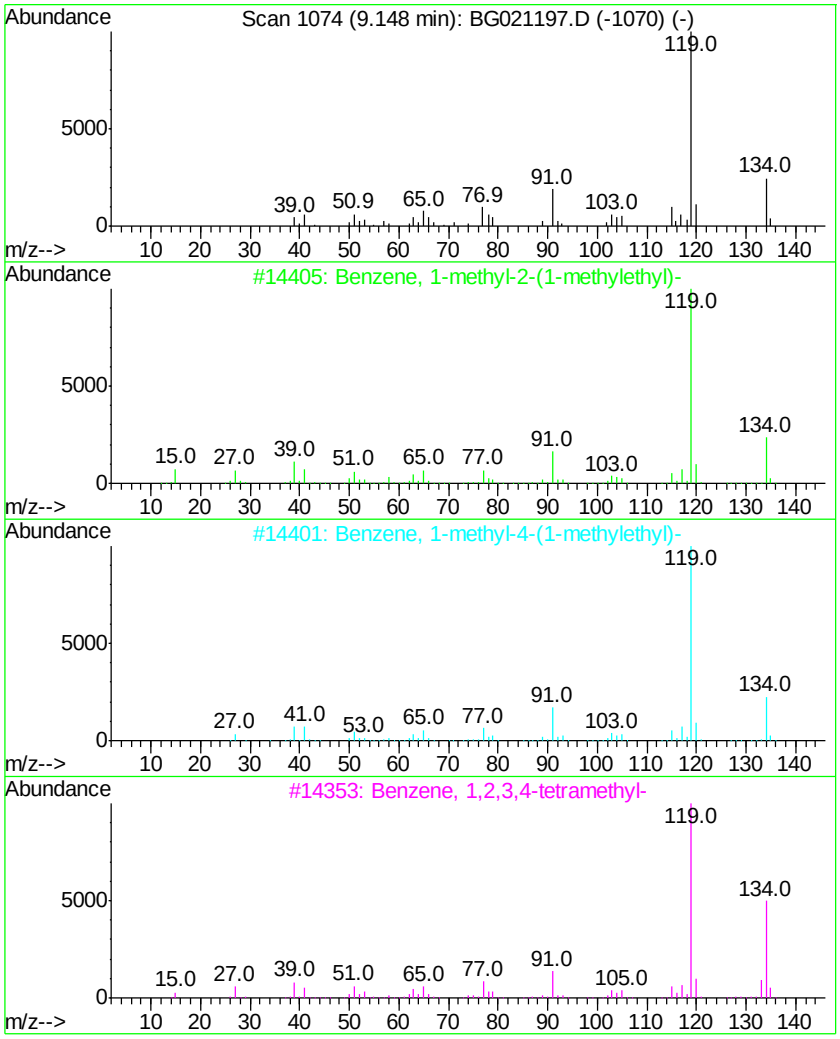
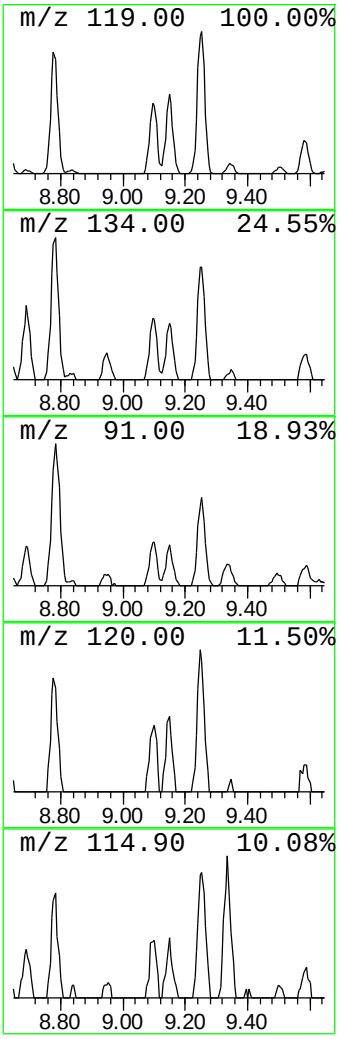
Peak Number 17 Benzene, 1-methyl-2-(1-meth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	15.72 ng	52009	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





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Sample : H1565-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-5(2.5-5)20160223

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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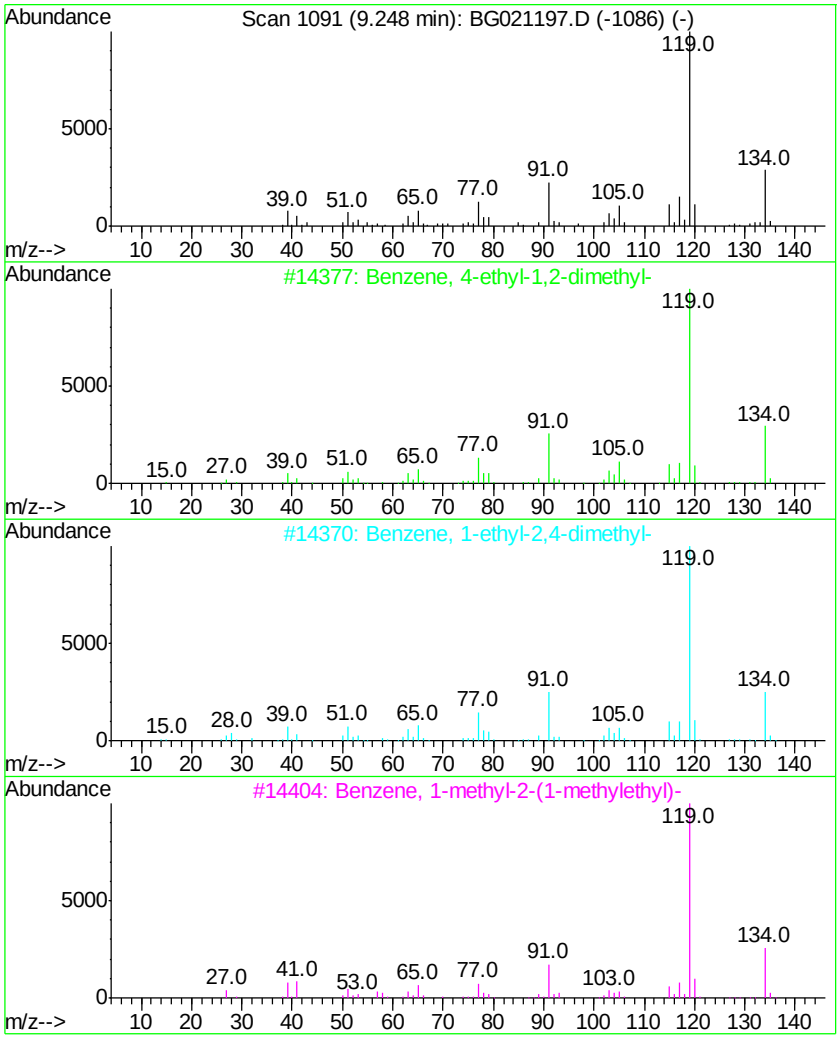
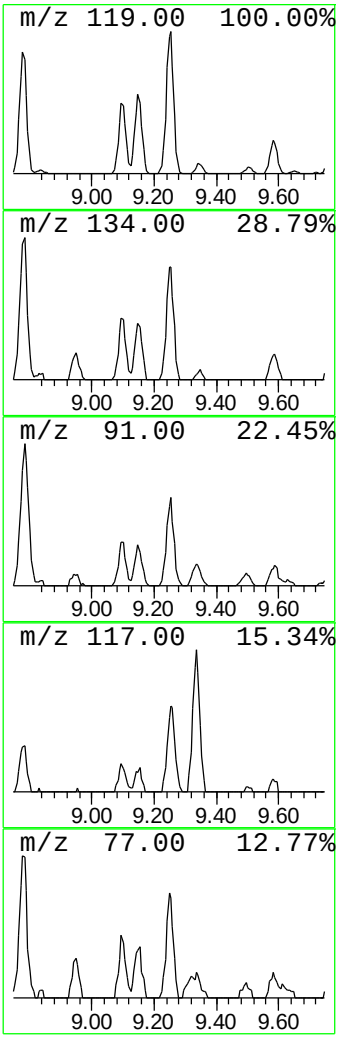
Peak Number 18 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	37.83 ng	125131	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





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Sample : H1565-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-5(2.5-5)20160223

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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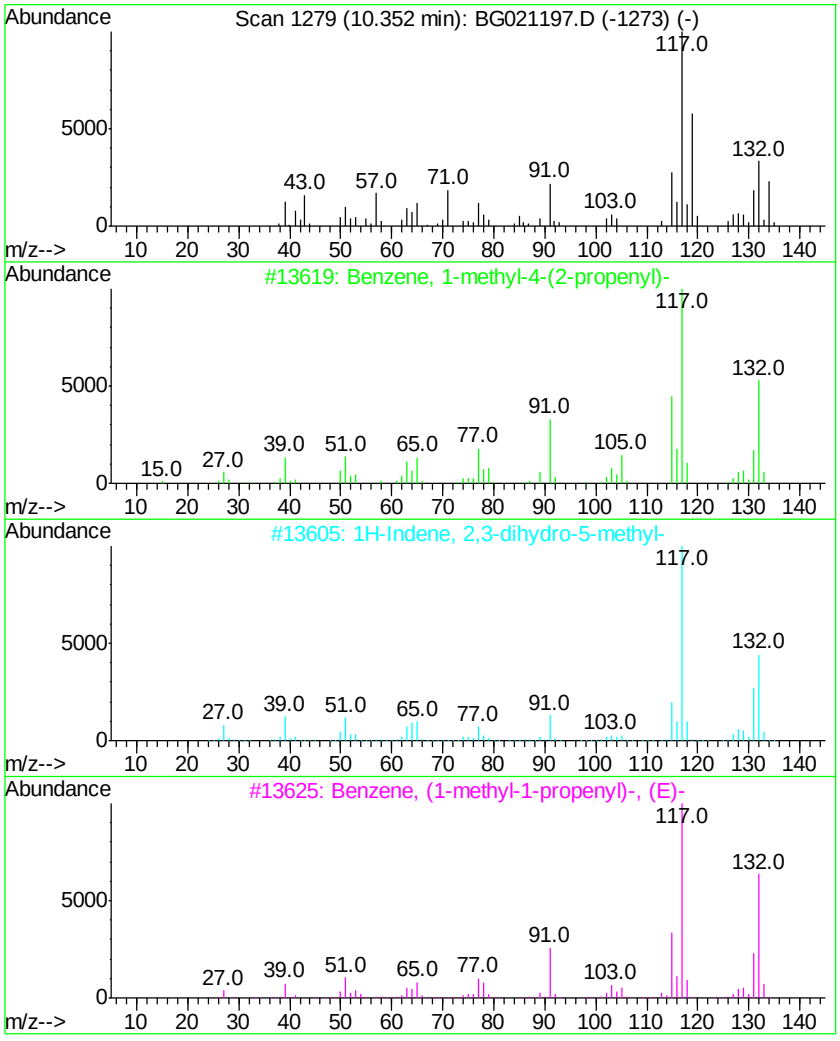
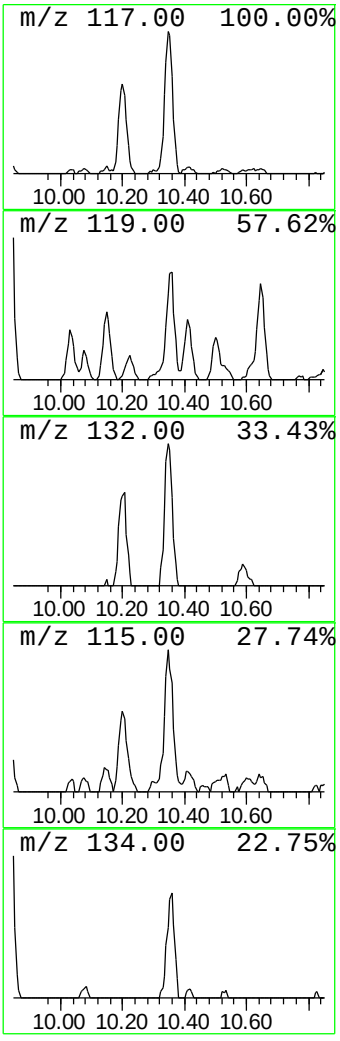
Peak Number 19 Benzene, 1-methyl-4-(2-prop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	17.02 ng	136708	Naphthalene-d8	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	86
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70





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Sample : H1565-08
Misc :
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Instrument : BNA_G
ClientSampleId : CEB-5(2.5-5)20160223

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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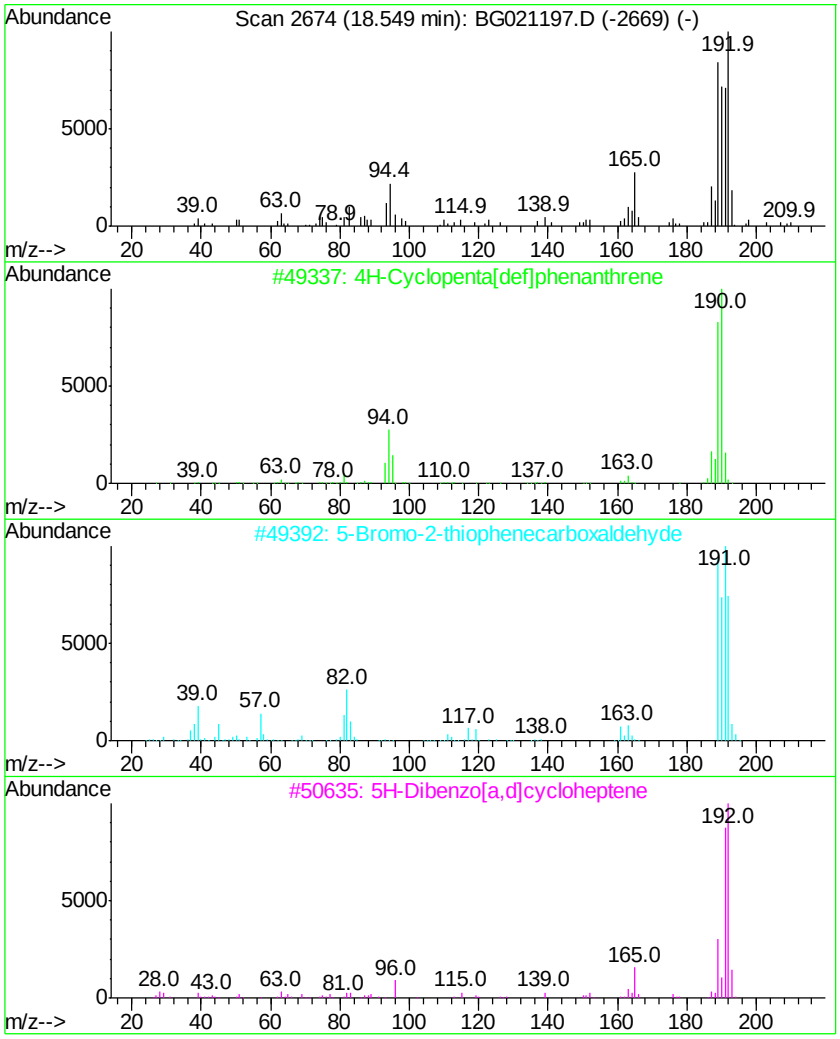
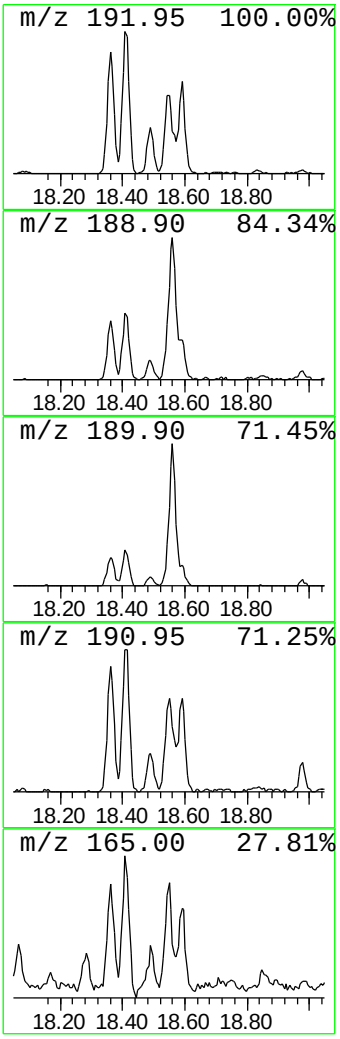
Peak Number 20 4H-Cyclopenta[def]phenanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	14.84 ng	155146	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	52
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	51
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	38





Tentatively Identified Compound (LSC) summary

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Data File : BG021197.D
Acq On : 1 Mar 2016 23:43
Operator : UM/SJ
Sample : H1565-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-5(2.5-5)20160223

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Propane, 2,2-dime...	3.06	831.5	ng	2750210	1	8.15	66154	20.0
2-Pentanone, 4-hy...	5.24	188.8	ng	624495	1	8.15	66154	20.0
Benzene, 1,3-dime...	6.15	27.4	ng	90675	1	8.15	66154	20.0
unknown7.13	7.13	31.3	ng	103603	1	8.15	66154	20.0
Benzene, 1-ethyl-...	7.53	21.6	ng	71586	1	8.15	66154	20.0
unknown7.68	7.68	81.8	ng	270460	1	8.15	66154	20.0
Benzene, 1,2,3-tr...	7.79	121.4	ng	401526	1	8.15	66154	20.0
Eicosane	8.37	17.5	ng	57787	1	8.15	66154	20.0
Benzene, 1-methyl...	8.68	45.5	ng	150641	1	8.15	66154	20.0
Benzene, 1-ethyl-...	8.78	61.3	ng	202641	1	8.15	66154	20.0
Benzene, 2-ethyl-...	9.10	14.9	ng	49388	1	8.15	66154	20.0
Benzene, 1-methyl...	9.15	15.7	ng	52009	1	8.15	66154	20.0
Benzene, 4-ethyl-...	9.25	37.8	ng	125131	1	8.15	66154	20.0
Benzene, 1-methyl...	10.35	17.0	ng	136708	2	10.96	160629	20.0
4H-Cyclopenta[def...	18.55	14.8	ng	155146	4	17.49	209096	20.0