LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096544.D
Acq On : 6 Jul 2017 20:15
Operator : SJ/MA
Sample : I3972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-13-13.5

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_F\METHODS\8270-BF070117.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	3.322	195	210	217	rBV2	54250	146143	4.15%	0.222%
2	3.475	222	236	243	rBV2	55737	134703	3.83%	0.204%
3	3.687	263	272	281	rBV4	73932	184848	5.26%	0.280%
4	3.840	290	298	305	rBV	119444	213015	6.06%	0.323%
5	3.993	314	324	329	rBV4	95018	200707	5.71%	0.304%
6	4.334	377	382	389	rVB3	131724	212408	6.04%	0.322%
7	4.445	394	401	406	rBV2	102527	164642	4.68%	0.250%
8	4.769	452	456	459	rVV	116766	133809	3.80%	0.203%
9	4.810	459	463	466	rVV4	59629	101356	2.88%	0.154%
10	4.851	466	470	476	rVV2	309850	430384	12.24%	0.653%
11	4.910	476	480	487	rVV	422268	645940	18.36%	0.980%
12	4.987	490	493	497	rVV3	71501	101703	2.89%	0.154%
13	5.122	512	516	519	rBV	234676	273236	7.77%	0.414%
14	5.181	523	526	529	rVV	385607	398689	11.33%	0.605%
15	5.216	529	532	534	rVV	331043	336290	9.56%	0.510%
16	5.240	534	536	539	rVV	380686	326009	9.27%	0.494%
17	5.292	542	545	546	rBV2	141059	135545	3.85%	0.206%
18	5.334	546	552	555	rVB2	3000909	3517444	100.00%	5.335%
19	5.387	555	561	563	rBV	126554	170934	4.86%	0.259%
20	5.404	563	564	570	rVB2	113169	103997	2.96%	0.158%
21	5.451	570	572	575	rVB	139995	121193	3.45%	0.184%
22	5.487	575	578	583	rBV	221515	340276	9.67%	0.516%
23	5.534	583	586	588	rVB	152363	147323	4.19%	0.223%
24	5.575	588	593	594	rBV	165145	186531	5.30%	0.283%
25	5.592	594	596	599	rVB	130649	111646	3.17%	0.169%
26	5.634	599	603	609	rVB	471268	470405	13.37%	0.713%
27	5.739	616	621	625	rVB3	253659	339965	9.67%	0.516%
28	5.792	625	630	633	rBV3	188834	323722	9.20%	0.491%
29	5.875	639	644	648	rBV2	463096	577497	16.42%	0.876%
30	5.928	648	653	658	rVV2	170110	242722	6.90%	0.368%
31	5.975	658	661	663	rVV	463177	461370	13.12%	0.700%
32	6.028	667	670	675	rVV	142056	185066	5.26%	0.281%
33	6.175	687	695	698	rVV2	818529	1028051	29.23%	1.559%
34	6.222	698	703	706	rVV	712618	921827	26.21%	1.398%

LSC Area Percent Report

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Data File : BF096544.D
Acq On : 6 Jul 2017 20:15
Operator : SJ/MA
Sample : I3972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-13-13.5

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_F\METHODS\8270-BF070117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.257	706	709	716	rVV3	610099	836510	23.78%	1.269%
36	6.316	716	719	721	rVV	646216	581326	16.53%	0.882%
37	6.357	721	726	730	rVV	2850317	3345380	95.11%	5.074%
38	6.404	730	734	740	rVV3	363974	524103	14.90%	0.795%
39	6.487	740	748	751	rVV	3090438	3224967	91.68%	4.892%
40	6.522	751	754	755	rVV	148177	168673	4.80%	0.256%
41	6.545	755	758	760	rVV	1849774	1666370	47.37%	2.528%
42	6.563	760	761	766	rVV	559129	463052	13.16%	0.702%
43	6.610	766	769	771	rVV2	68889	100170	2.85%	0.152%
44	6.657	774	777	779	rVV	235152	285291	8.11%	0.433%
45	6.716	783	787	790	rVV	1062777	989437	28.13%	1.501%
46	6.745	790	792	794	rVV	299345	246329	7.00%	0.374%
47	6.781	794	798	802	rVV	2270456	2156280	61.30%	3.271%
48	6.816	802	804	806	rVV3	111757	127730	3.63%	0.194%
49	6.845	806	809	810	rVV	282930	280757	7.98%	0.426%
50	6.875	810	814	816	rVV	2499309	2497885	71.01%	3.789%
51	6.898	816	818	821	rVV	2047092	1637649	46.56%	2.484%
52	6.969	825	830	833	rVV	1074534	1039393	29.55%	1.577%
53	7.004	833	836	839	rVV2	368674	449583	12.78%	0.682%
54	7.039	839	842	844	rVV2	1207179	1102359	31.34%	1.672%
55	7.069	844	847	851	rVV2	436924	538753	15.32%	0.817%
56	7.116	851	855	858	rVV	905788	789179	22.44%	1.197%
57	7.163	860	863	864	rVV2	95959	95379	2.71%	0.145%
58	7.186	864	867	870	rVV2	851467	964005	27.41%	1.462%
59	7.210	870	871	874	rVV	431384	289871	8.24%	0.440%
60	7.263	874	880	881	rVV2	2541118	2840520	80.76%	4.308%
61	7.281	881	883	888	rVV2	1998511	2500183	71.08%	3.792%
62	7.328	888	891	893	rVV	342450	303621	8.63%	0.461%
63	7.369	893	898	901	rVV2	179829	266624	7.58%	0.404%
64	7.404	901	904	907	rVV2	723966	654318	18.60%	0.992%
65	7.434	907	909	913	rVV3	103992	141030	4.01%	0.214%
66	7.492	913	919	921	rVV	1321915	1224159	34.80%	1.857%
67	7.516	921	923	927	rVV	1153558	1002101	28.49%	1.520%
68	7.563	929	931	934	rVV	103098	106767	3.04%	0.162%
69	7.610	935	939	941	rVV	268300	252402	7.18%	0.383%
70	7.675	944	950	952	rVV	1185537	1264673	35.95%	1.918%
71	7.739	956	961	964	rVV2	2160363	2111966	60.04%	3.203%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096544.D
Acq On : 6 Jul 2017 20:15
Operator : SJ/MA
Sample : I3972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-13-13.5

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_F\METHODS\8270-BF070117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	7.775	964	967	971	rVV4	371391	470210	13.37%	0.713%
73	7.822	971	975	977	rVV3	217062	368871	10.49%	0.559%
74	7.839	977	978	980	rVV	197627	104369	2.97%	0.158%
75	7.875	980	984	986	rVB	207384	187369	5.33%	0.284%
76	7.963	991	999	1000	rBV3	174510	221715	6.30%	0.336%
77	7.992	1000	1004	1006	rVV2	1393153	1572946	44.72%	2.386%
78	8.016	1006	1008	1012	rVV	1568117	1519992	43.21%	2.305%
79	8.045	1012	1013	1015	rVV	314016	224022	6.37%	0.340%
80	8.092	1019	1021	1025	rVB	137219	103181	2.93%	0.157%
81	8.275	1044	1052	1055	rBV2	172192	216419	6.15%	0.328%
82	8.386	1068	1071	1074	rBV	176431	145844	4.15%	0.221%
83	8.586	1102	1105	1110	rVB3	83884	98642	2.80%	0.150%
84	8.710	1121	1126	1129	rBV	206598	179622	5.11%	0.272%
85	8.804	1138	1142	1147	rVB3	153303	152868	4.35%	0.232%
86	9.075	1183	1188	1191	rBV	2787184	2504500	71.20%	3.799%
87	9.463	1251	1254	1258	rBV	323336	290911	8.27%	0.441%
88	9.751	1298	1303	1306	rBV	989005	922714	26.23%	1.400%
89	10.533	1432	1436	1440	rBV	1266825	1239951	35.25%	1.881%
90	11.227	1551	1554	1557	rBV	792091	723167	20.56%	1.097%
91	12.439	1756	1760	1763	rBV	196851	162178	4.61%	0.246%
92	12.663	1793	1798	1802	rBV	158626	180263	5.12%	0.273%
93	12.816	1820	1824	1828	rBV	1695221	1548498	44.02%	2.349%
94	13.721	1974	1978	1983	rBV	207537	228171	6.49%	0.346%
95	13.863	1997	2002	2005	rBV	903536	923584	26.26%	1.401%
96	14.357	2082	2086	2090	rBV3	101150	117683	3.35%	0.178%
97	14.874	2171	2174	2184	rVB	98614	217540	6.18%	0.330%
98	15.215	2229	2232	2235	rVV	77940	89049	2.53%	0.135%
99	15.274	2238	2242	2245	rVV	490370	585662	16.65%	0.888%
100	15.304	2245	2247	2255	rVB	132859	171232	4.87%	0.260%

Sum of corrected areas: 65929364

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096544.D
Acq On : 6 Jul 2017 20:15
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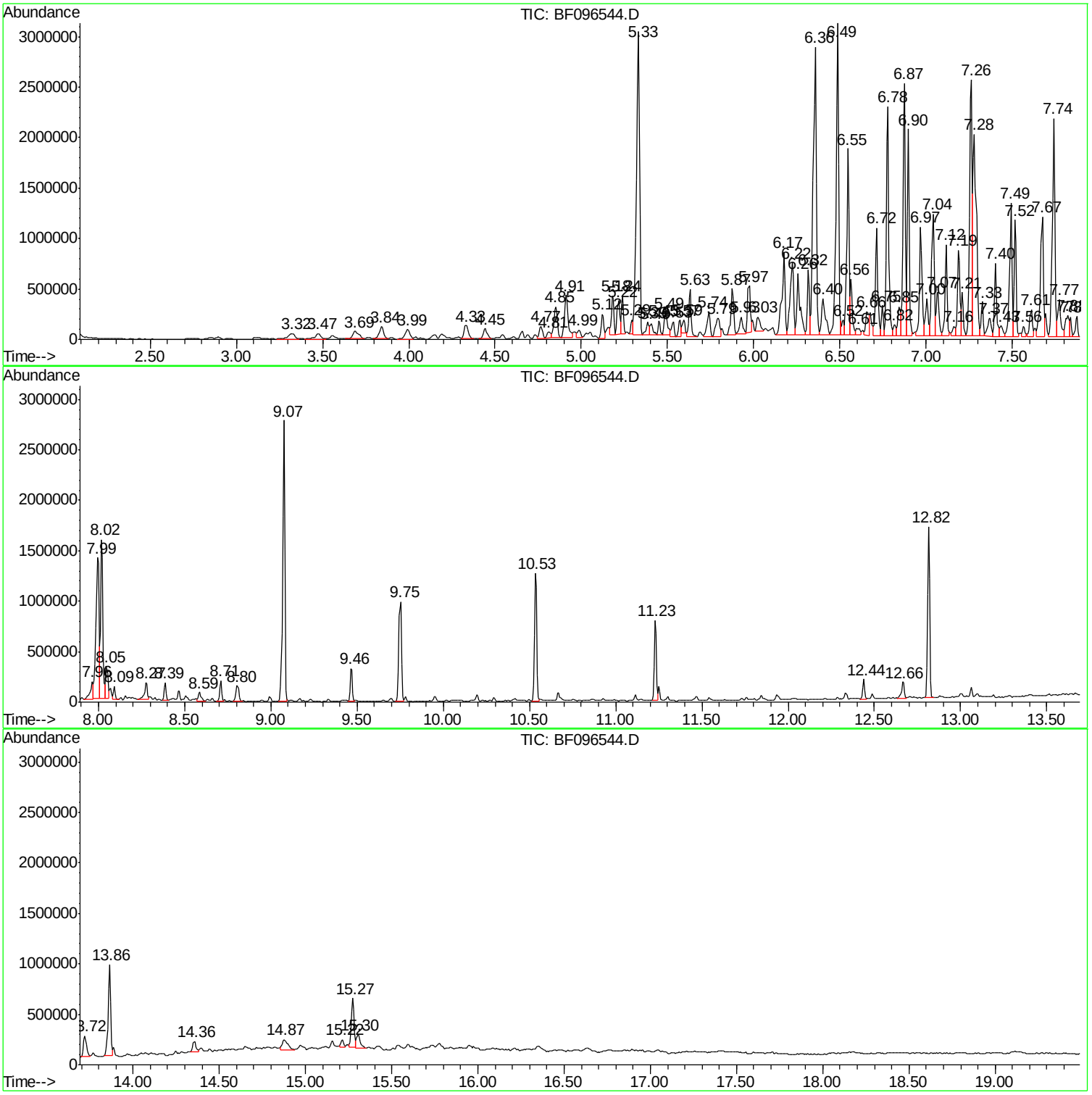
Sample : I3972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-13-13.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
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Sample : I3972-03
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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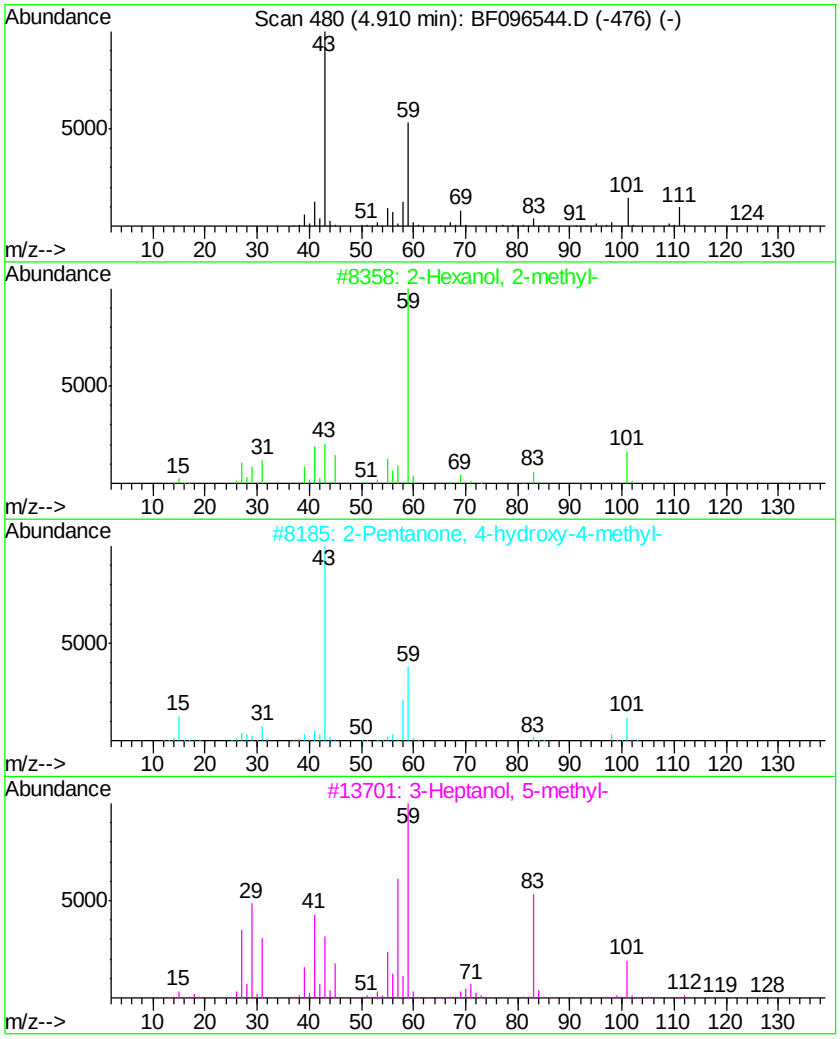
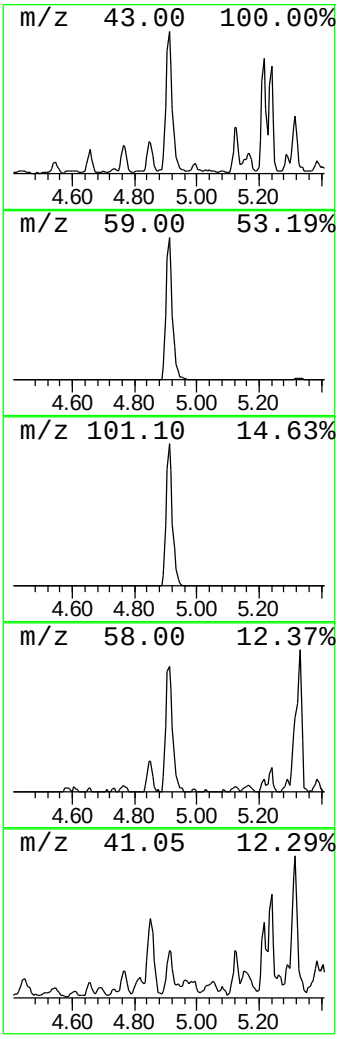
Peak Number 1 unknown4.91 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	13.06 ng	645940	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	43
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
3	3-Heptanol, 5-methyl-	130	C8H18O	018720-65-5	38
4	Diacetamide	101	C4H7NO2	000625-77-4	33
5	3-Octanol	130	C8H18O	000589-98-0	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096544.D
Acq On : 6 Jul 2017 20:15
Operator : SJ/MA
Sample : I3972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-13-13.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

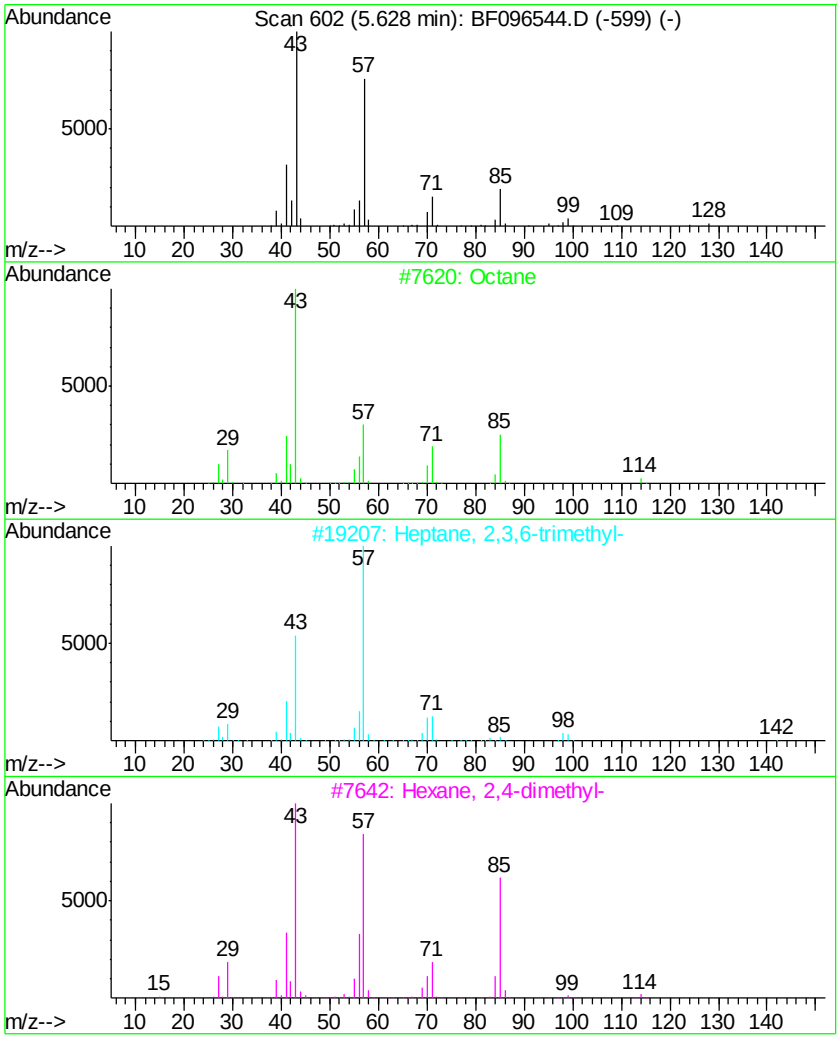
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

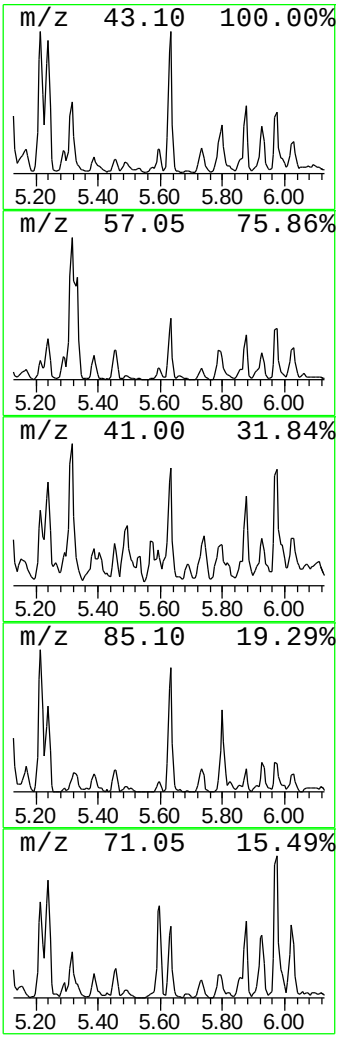
****

Peak Number 2 Octane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.63	9.51 ng	470405	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	59
2	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	53
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50
5	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096544.D
Acq On : 6 Jul 2017 20:15
Operator : SJ/MA
Sample : I3972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-13-13.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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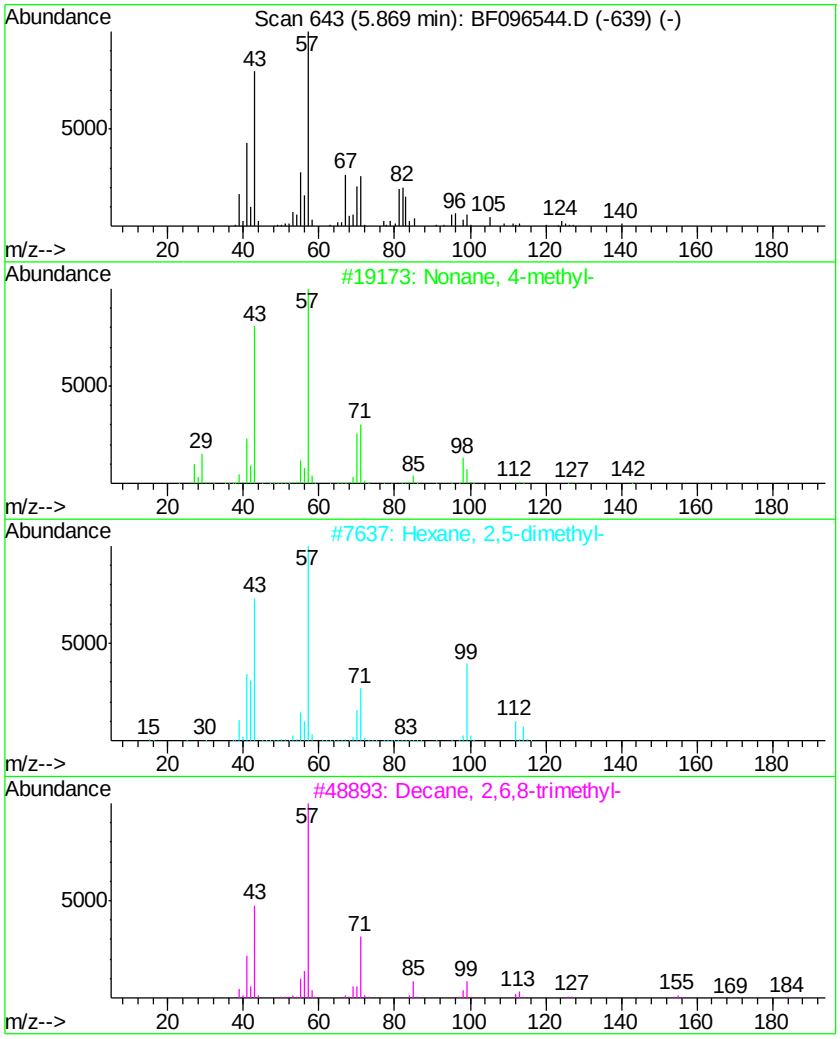
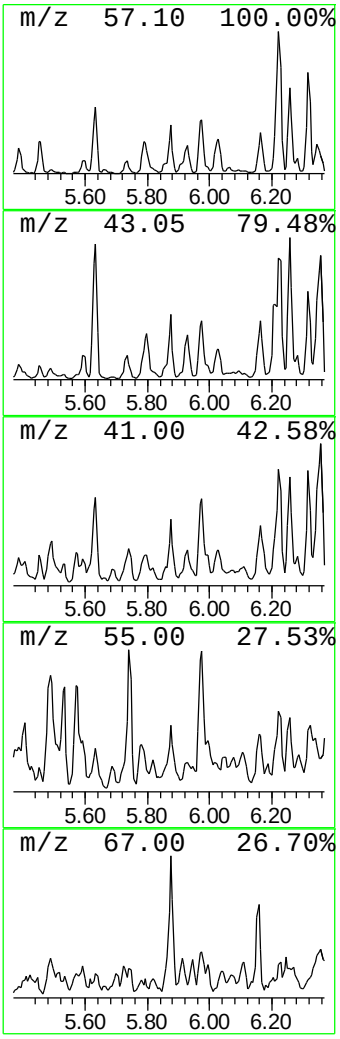
Peak Number 3 unknown5.87 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	11.67 ng	577497	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	35
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	35
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	27
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	27
5	2-Hexen-1-ol, acetate, (E)-	142	C8H14O2	002497-18-9	27





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096544.D
Acq On : 6 Jul 2017 20:15
Operator : SJ/MA
Sample : I3972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-13-13.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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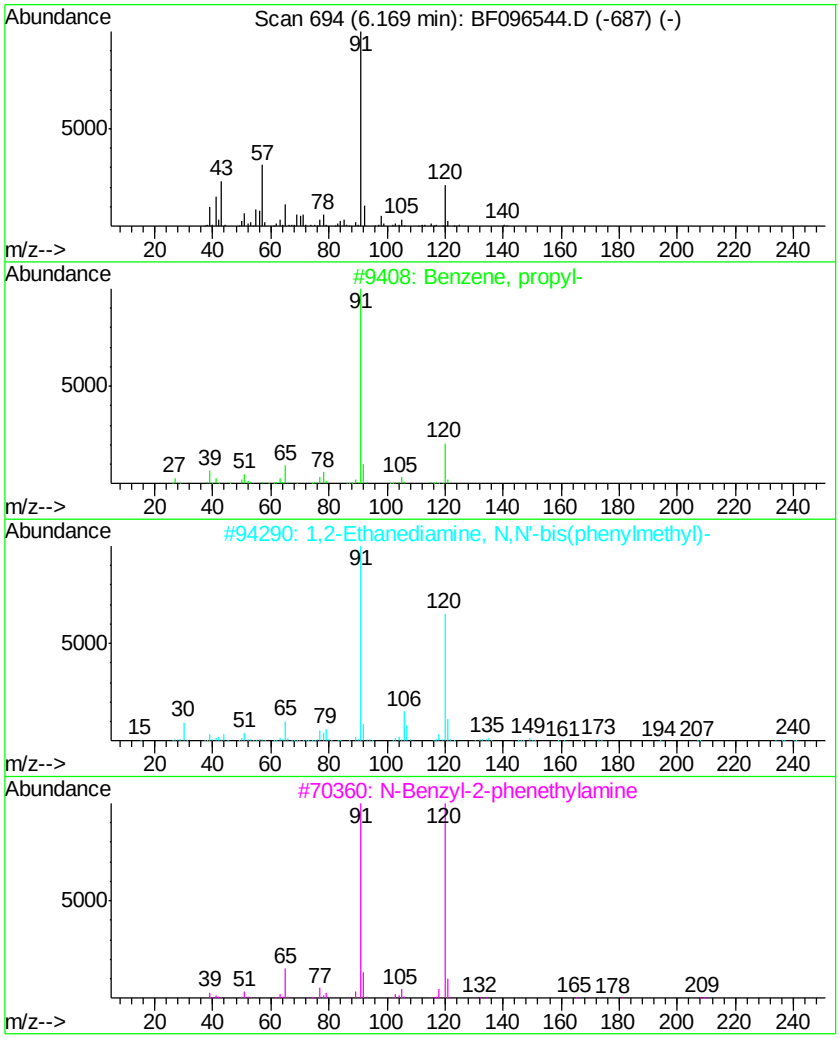
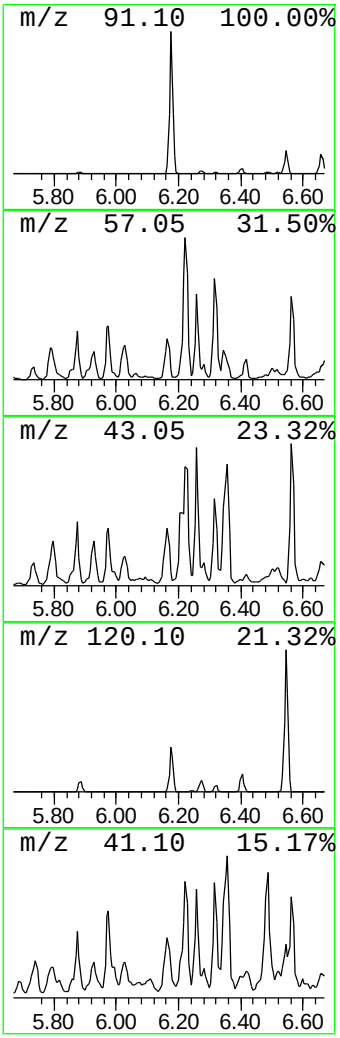
Peak Number 4 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	20.78 ng	1028050	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64
4	N-(Benzyloxy)-2,2,2-trifluoroace...	219	C9H8F3NO2	174075-91-3	50
5	Benzaldehyde, 4-methyl-	120	C8H8O	000104-87-0	47





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096544.D
Acq On : 6 Jul 2017 20:15
Operator : SJ/MA
Sample : I3972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-13-13.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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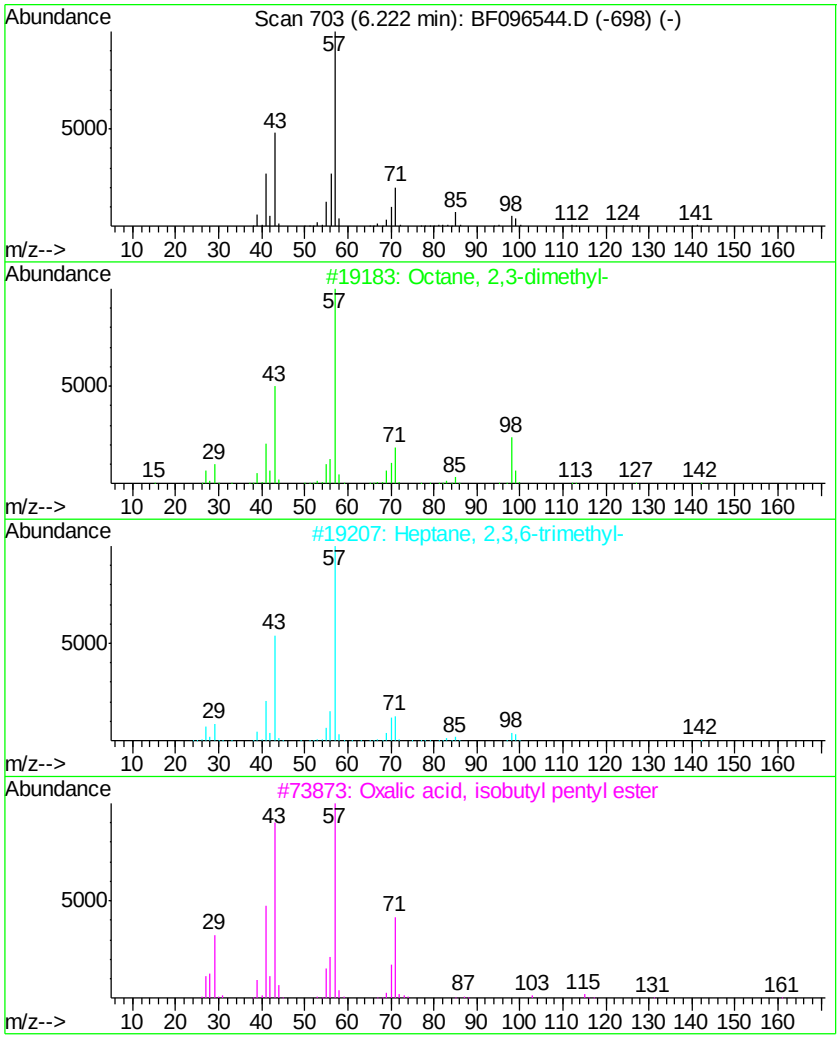
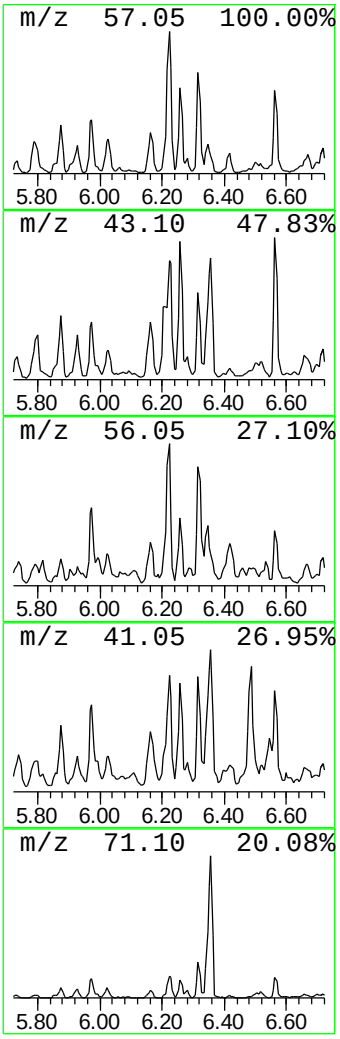
Peak Number 5 Octane, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	18.63 ng	921827	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	59
2	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	53
3	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	53
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
5	Octane, 3-methyl-	128	C9H20	002216-33-3	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096544.D
Acq On : 6 Jul 2017 20:15
Operator : SJ/MA
Sample : I3972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-13-13.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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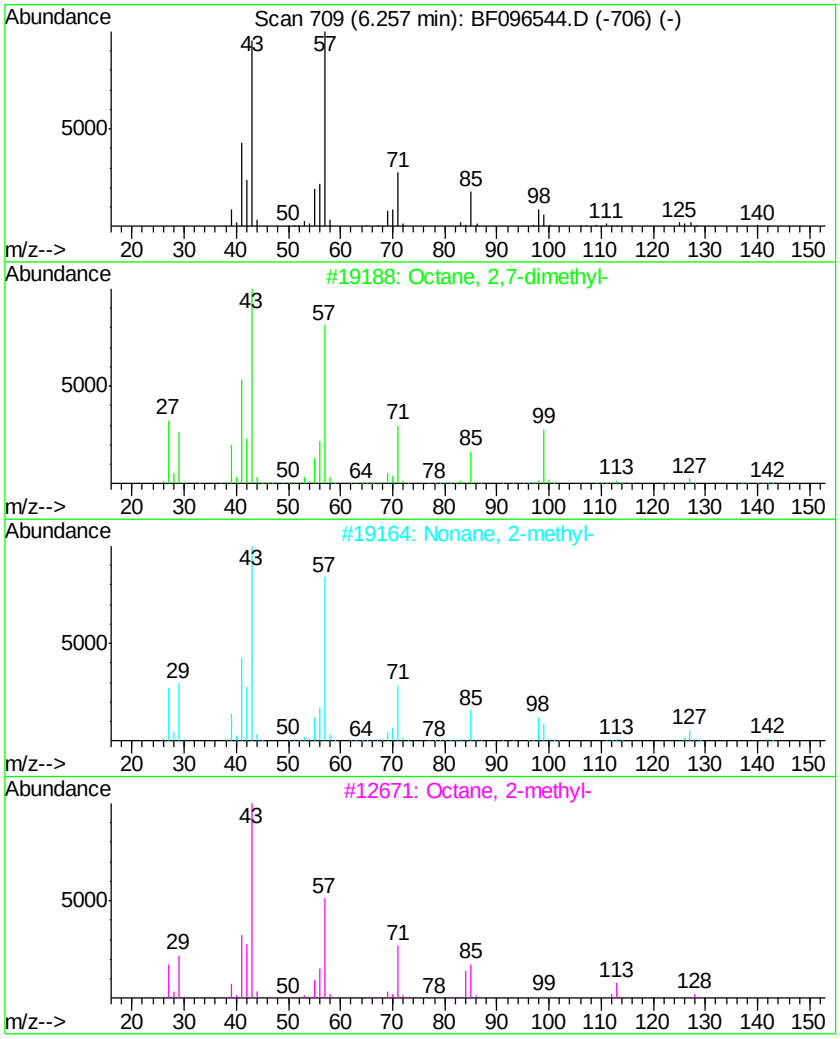
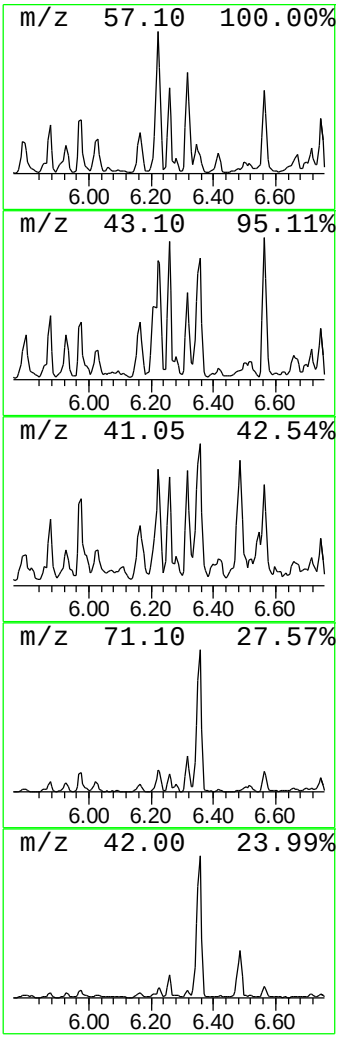
Peak Number 6 Octane, 2,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	16.91 ng	836510	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	87
2	Nonane, 2-methyl-	142	C10H22	000871-83-0	83
3	Octane, 2-methyl-	128	C9H20	003221-61-2	64
4	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	50
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	50





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Acq On : 6 Jul 2017 20:15
Operator : SJ/MA
Sample : I3972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-13-13.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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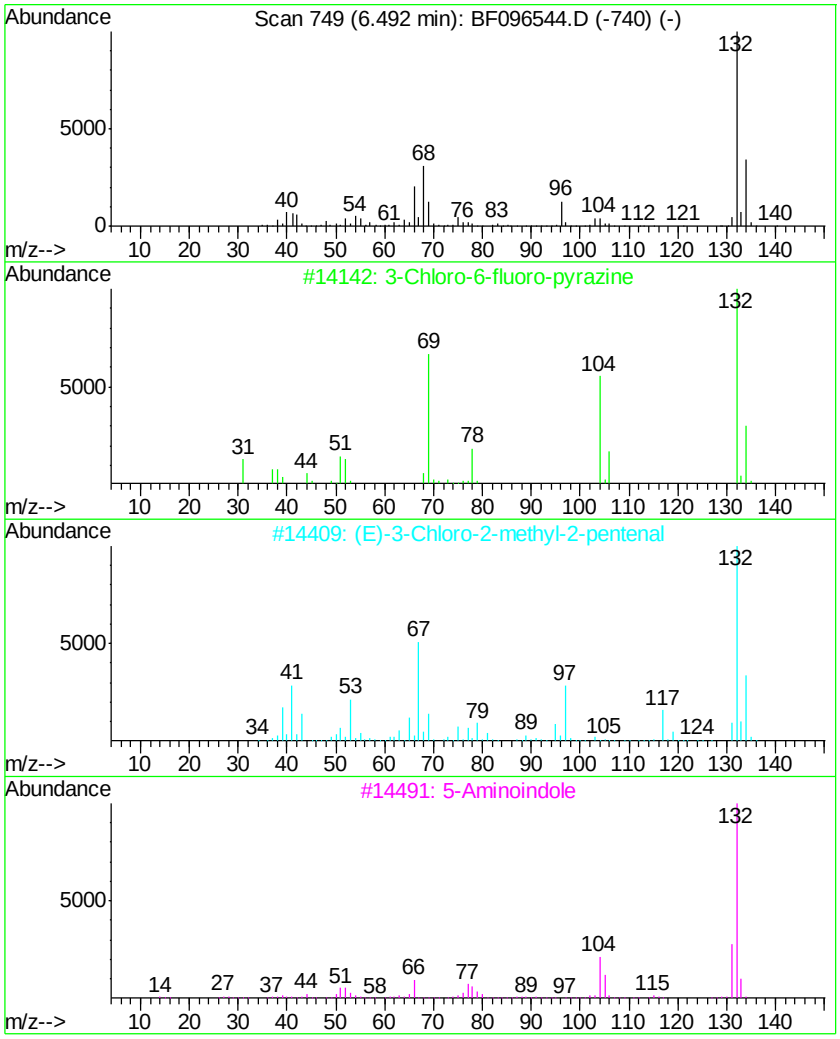
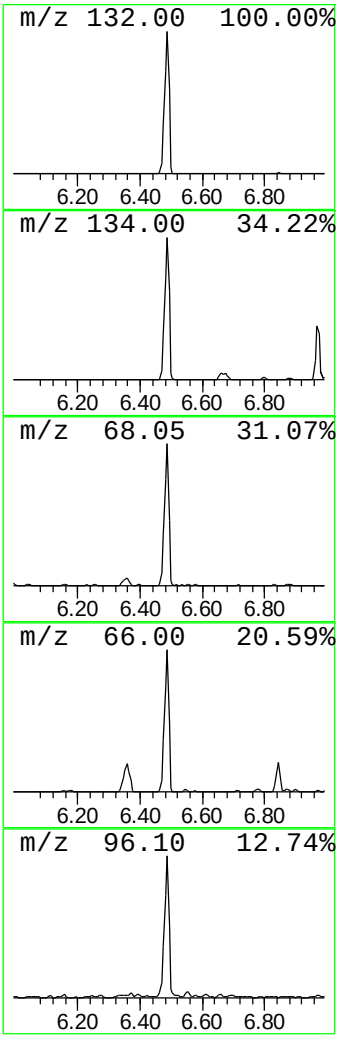
Peak Number 7 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	65.19 ng	3224970	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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Instrument : BNA_F
ClientSampleId : B3-13-13.5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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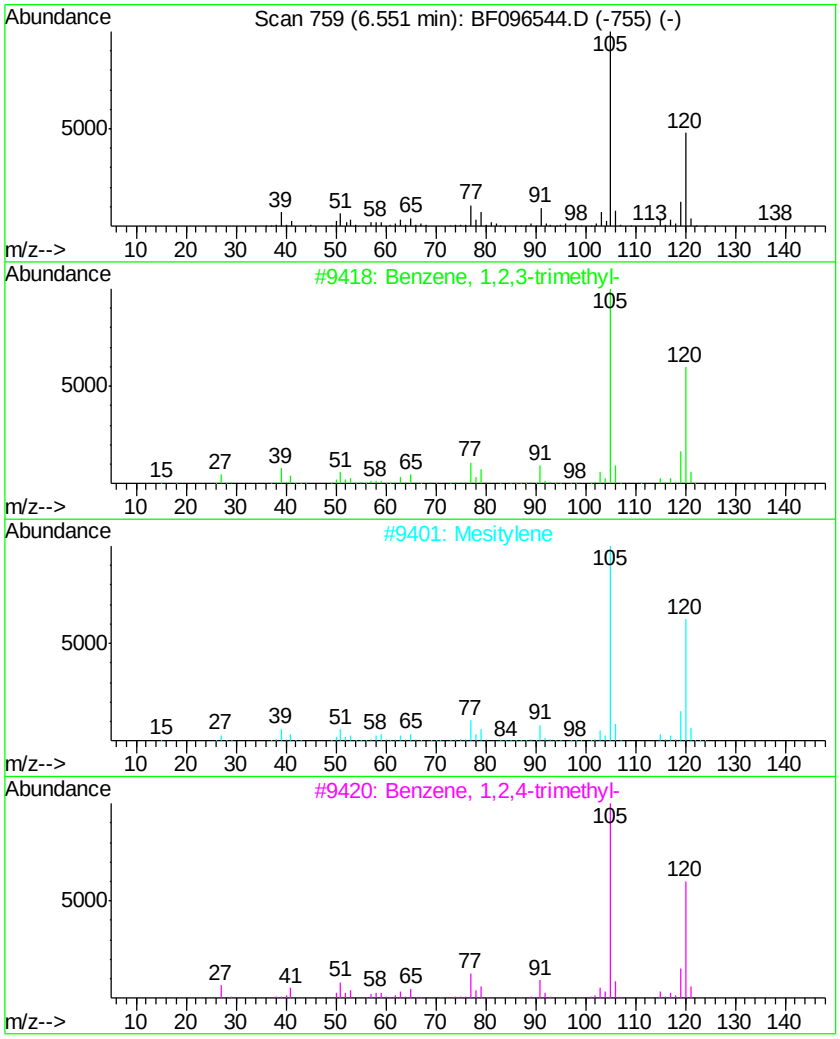
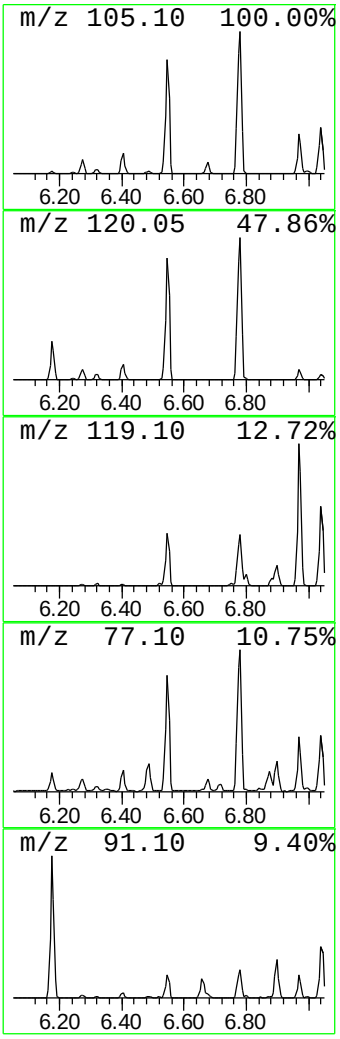
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	33.68 ng	1666370	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





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ClientSampleId : B3-13-13.5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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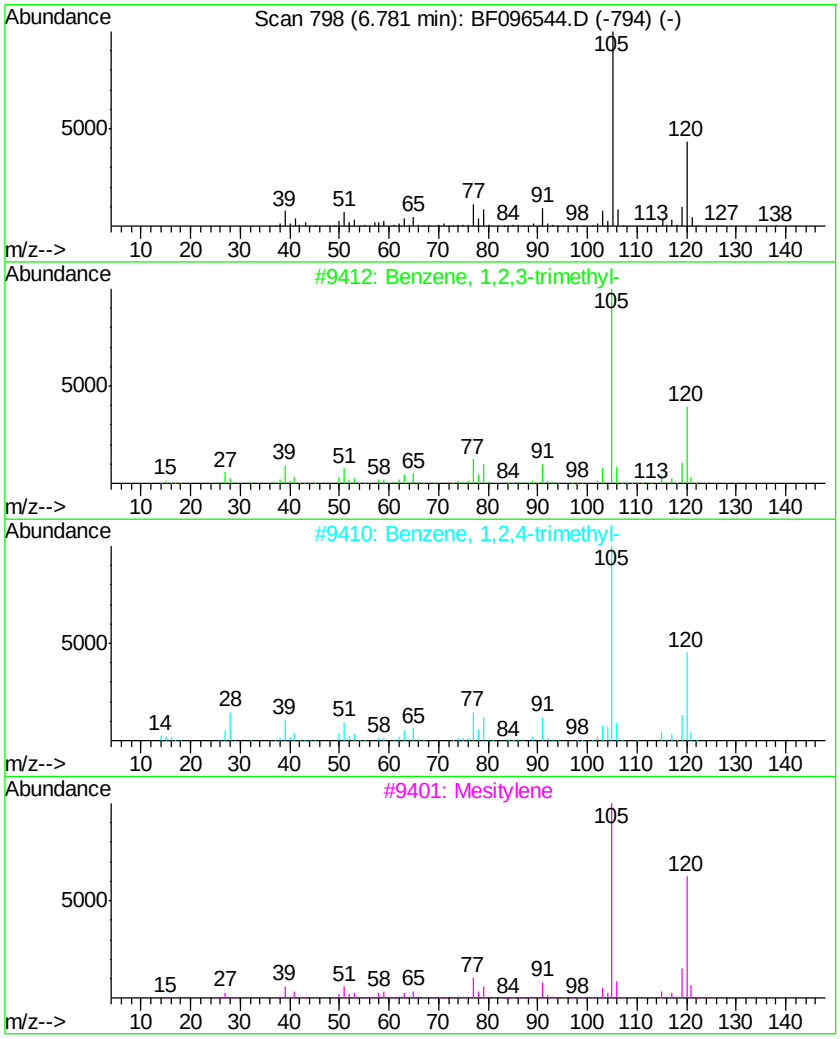
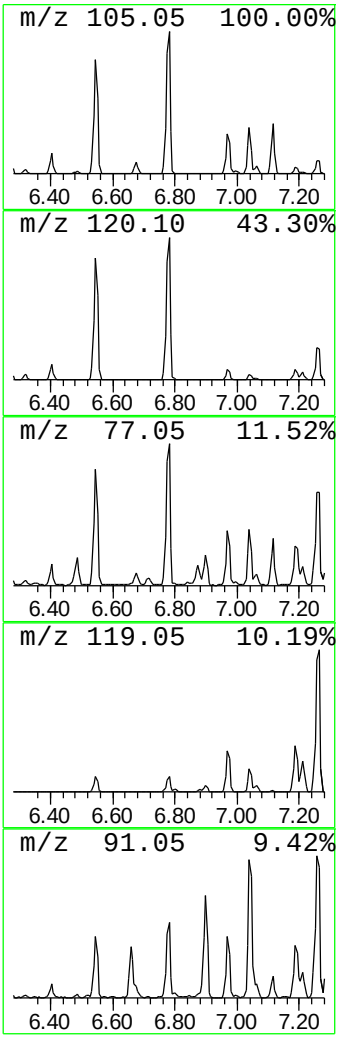
Peak Number 9 Benzene, 1,2,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	43.59 ng	2156280	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Mesitylene	120	C9H12	000108-67-8	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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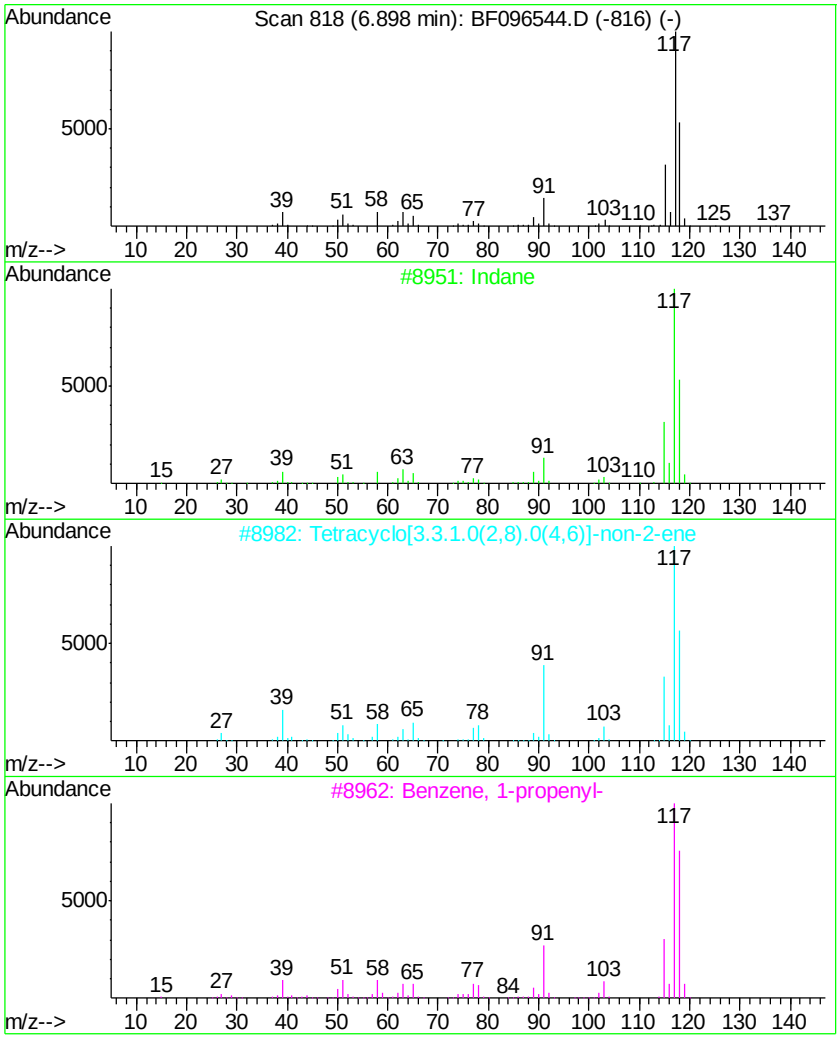
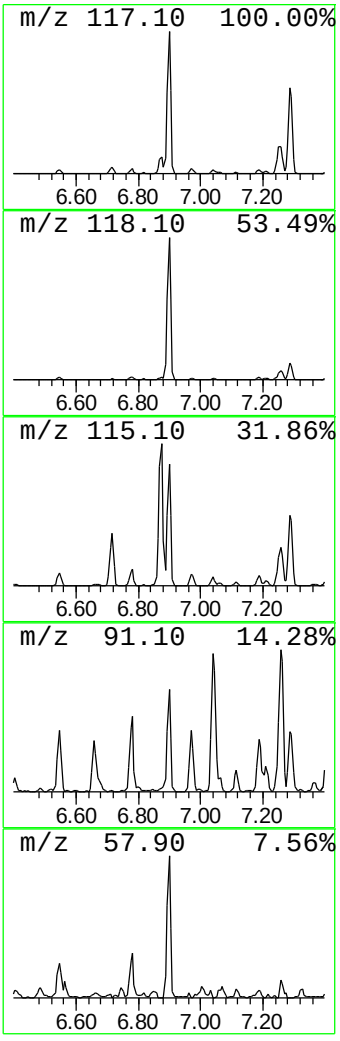
Peak Number 11 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	33.10 ng	1637650	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	72
4	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	59
5	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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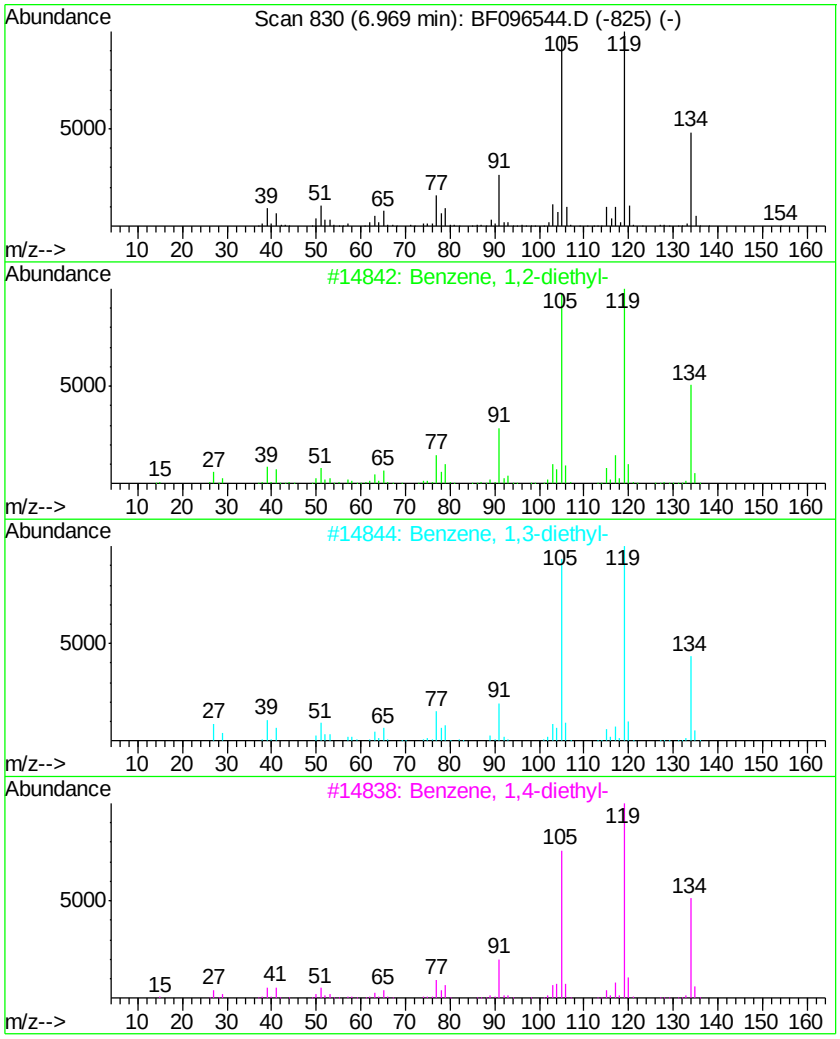
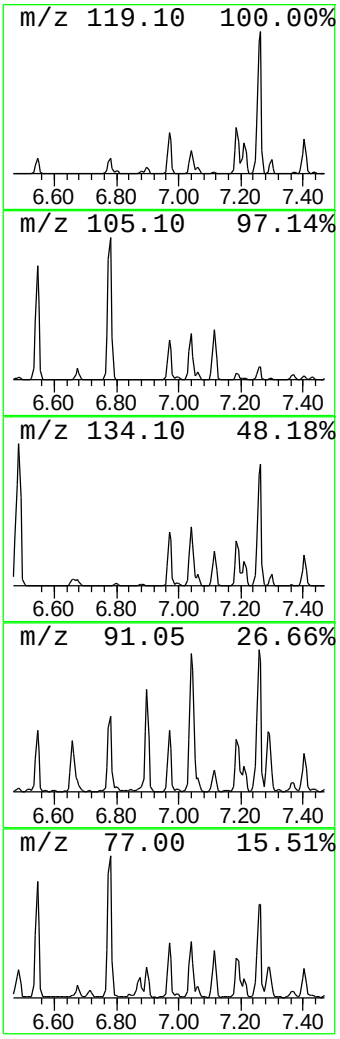
Peak Number 12 Benzene, 1,2-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	21.01 ng	1039390	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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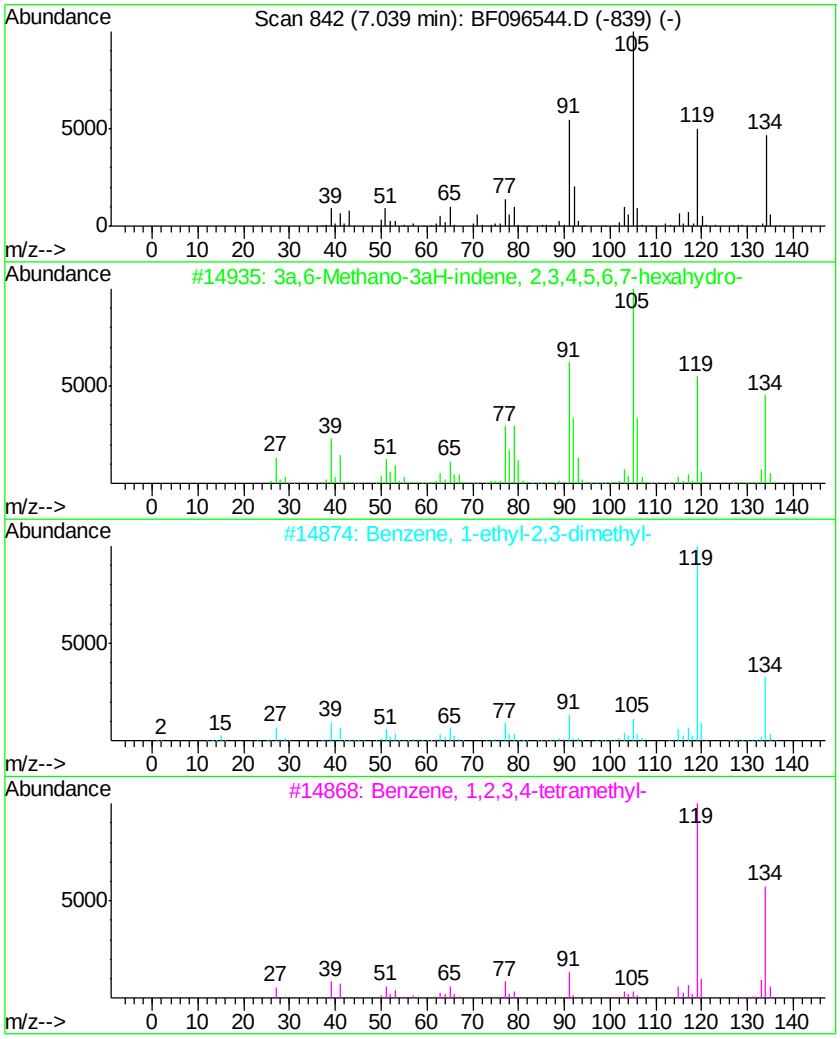
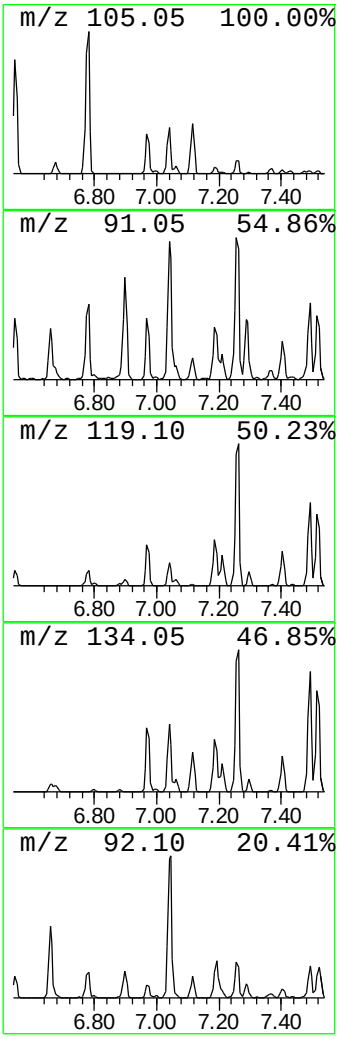
Peak Number 13 3a,6-Methano-3aH-indene, 2,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	22.28 ng	1102360	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3a,6-Methano-3aH-indene, 2,3,4,5...	134	C10H14	098640-10-9	87
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	74





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Instrument : BNA_F
ClientSampleId : B3-13-13.5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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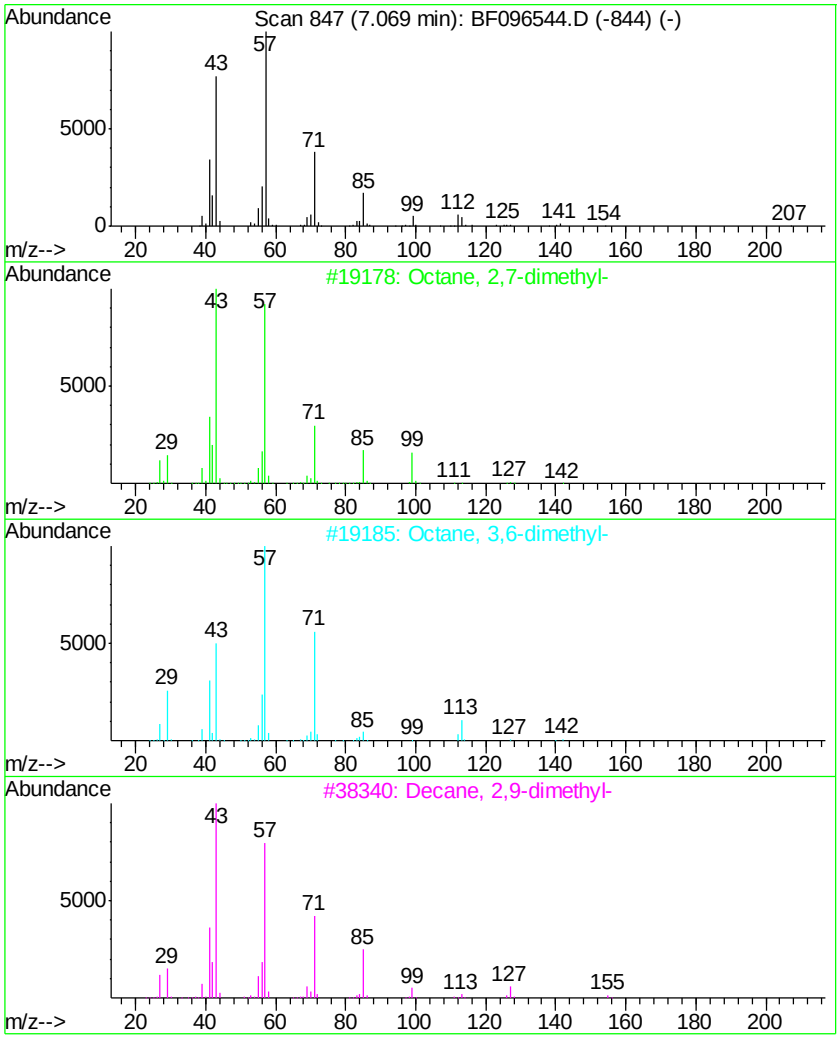
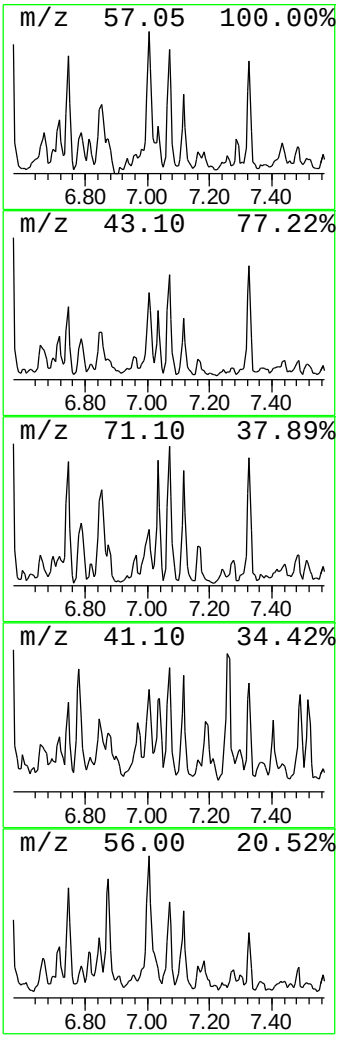
Peak Number 14 Octane, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	10.89 ng	538753	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	78
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
3	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	59
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	59
5	Decane, 2-methyl-	156	C11H24	006975-98-0	59





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Misc :
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Instrument : BNA_F
ClientSampleId : B3-13-13.5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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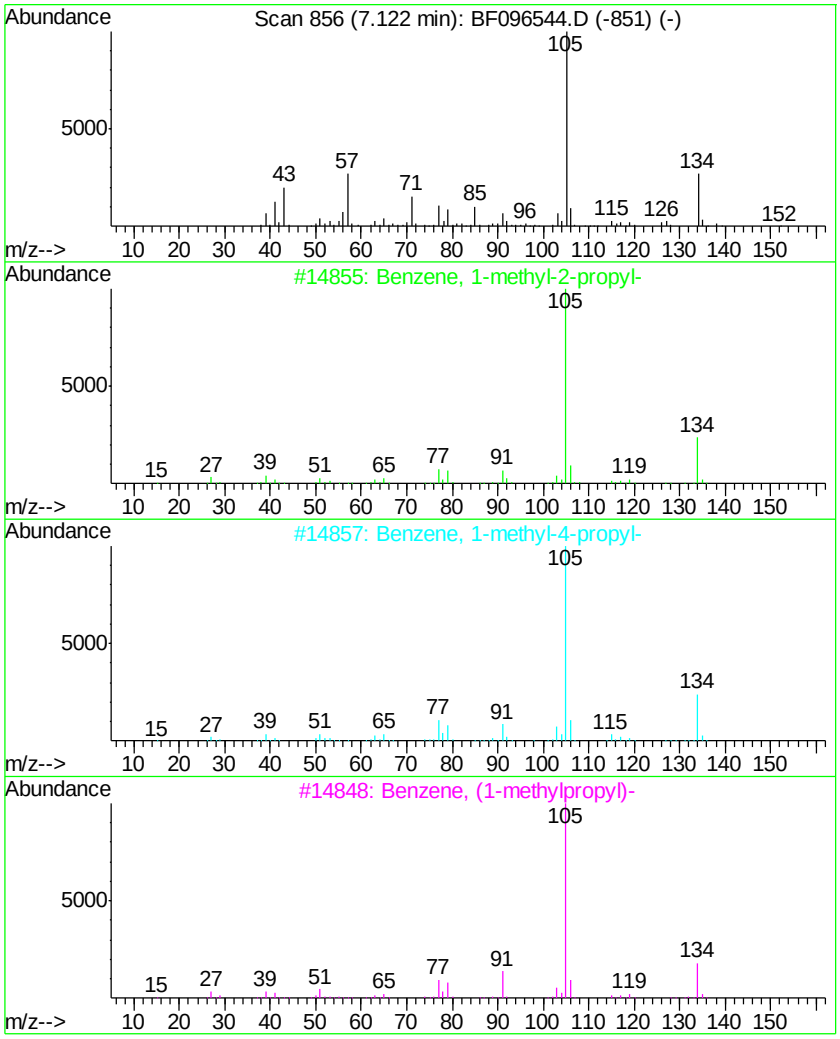
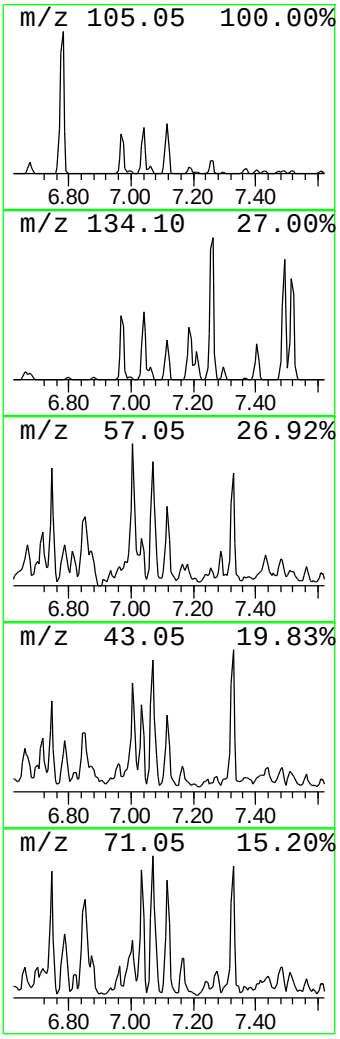
Peak Number 15 Benzene, 1-methyl-2-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	15.95 ng	789179	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	93
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	76
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	59
5	2-Tolyloxirane	134	C9H10O	002783-26-8	58





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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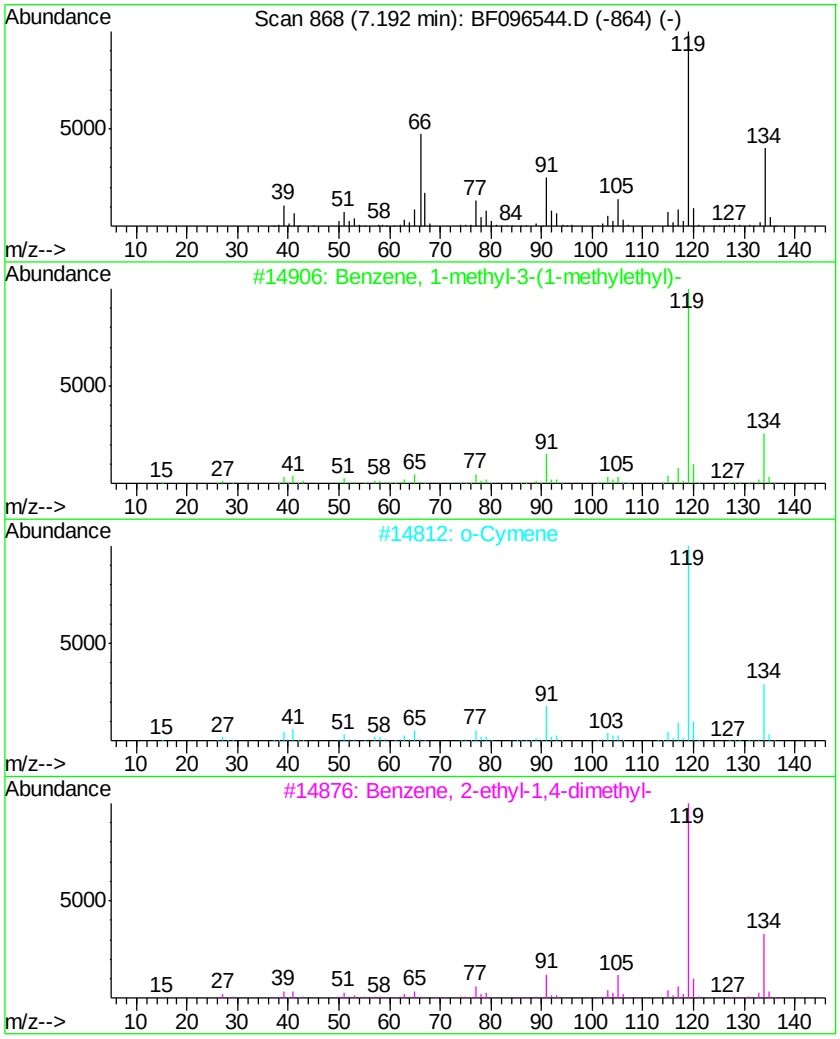
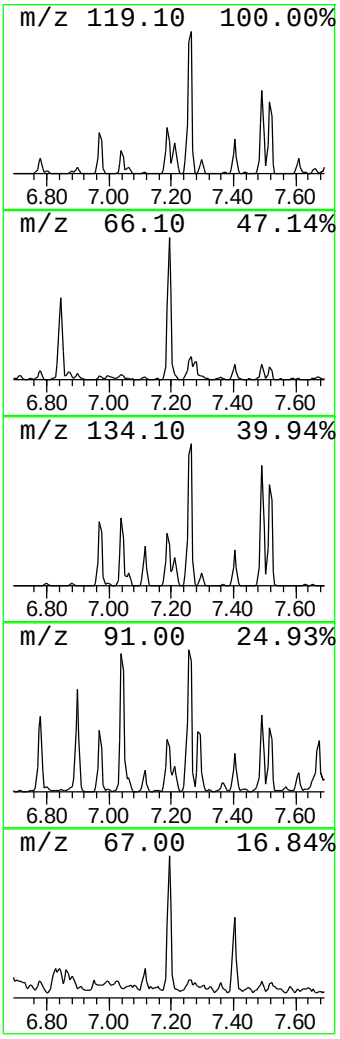
Peak Number 16 Benzene, 1-methyl-3-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	19.49 ng	964005	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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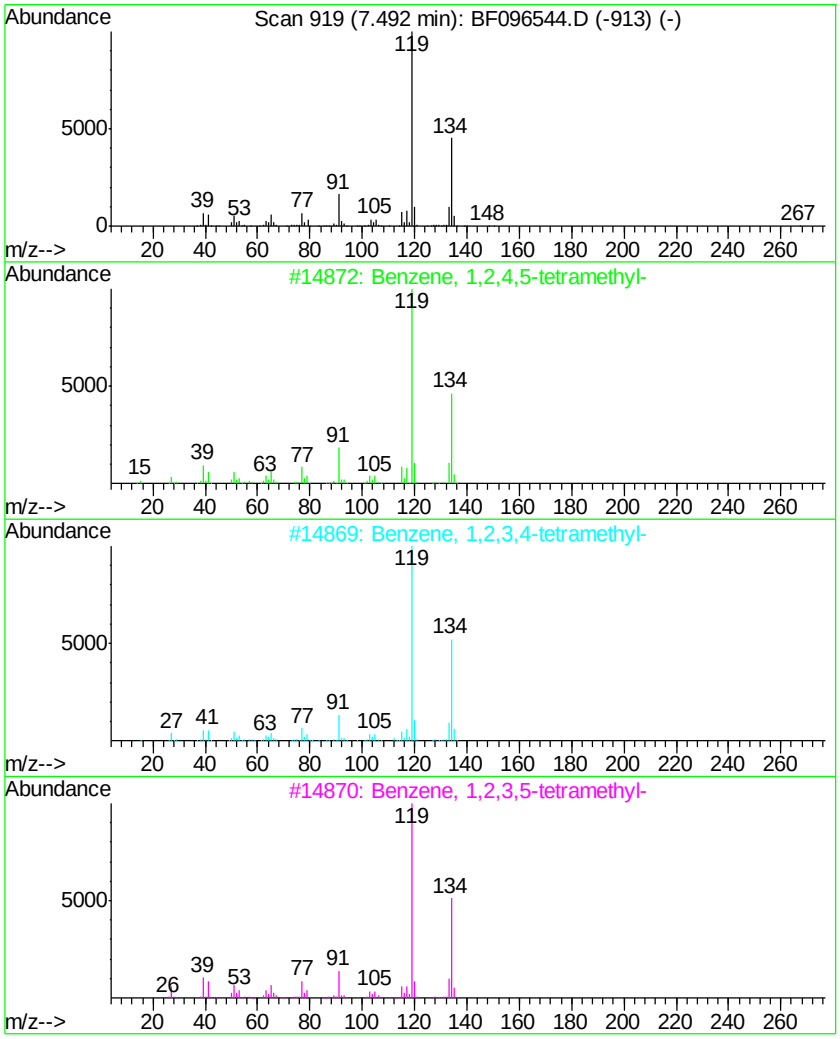
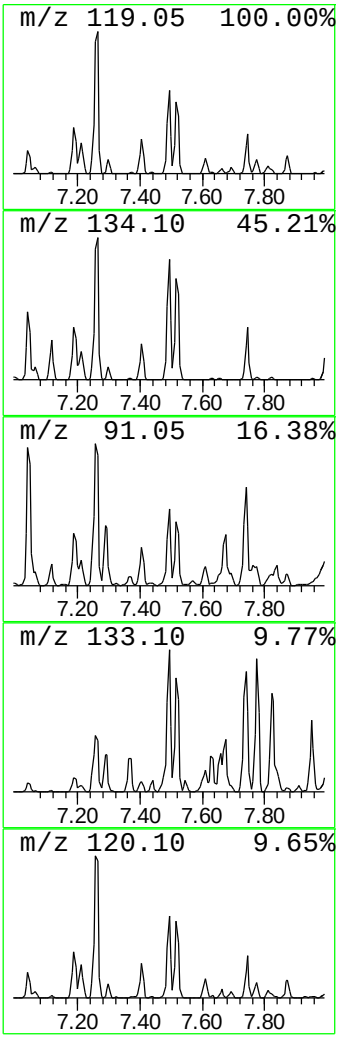
Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	15.57 ng	1224160	Naphthalene-d8	8.00

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, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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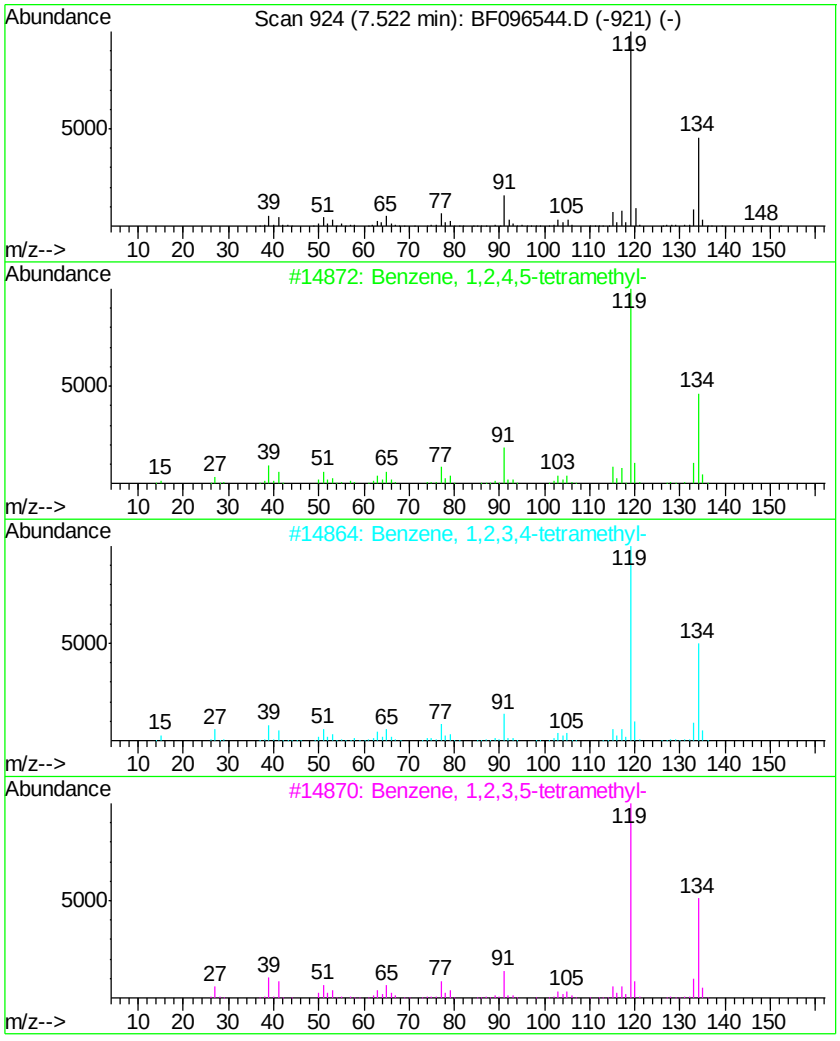
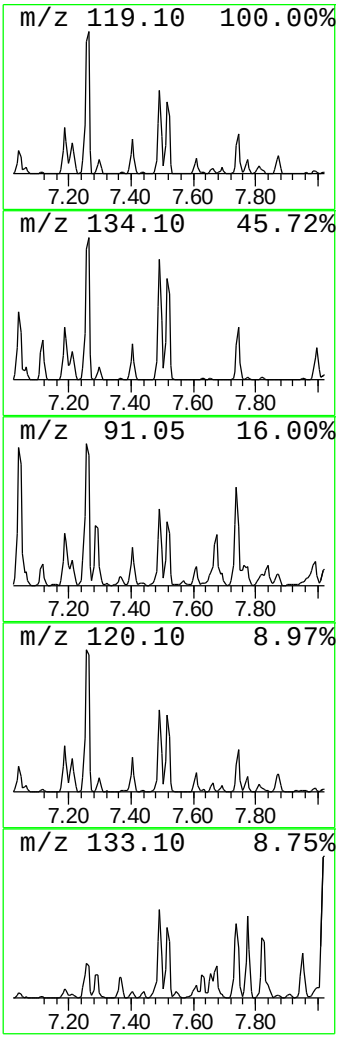
Peak Number 18 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	12.74 ng	1002100	Naphthalene-d8	8.00

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	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





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Data File : BF096544.D
Acq On : 6 Jul 2017 20:15
Operator : SJ/MA
Sample : I3972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-13-13.5

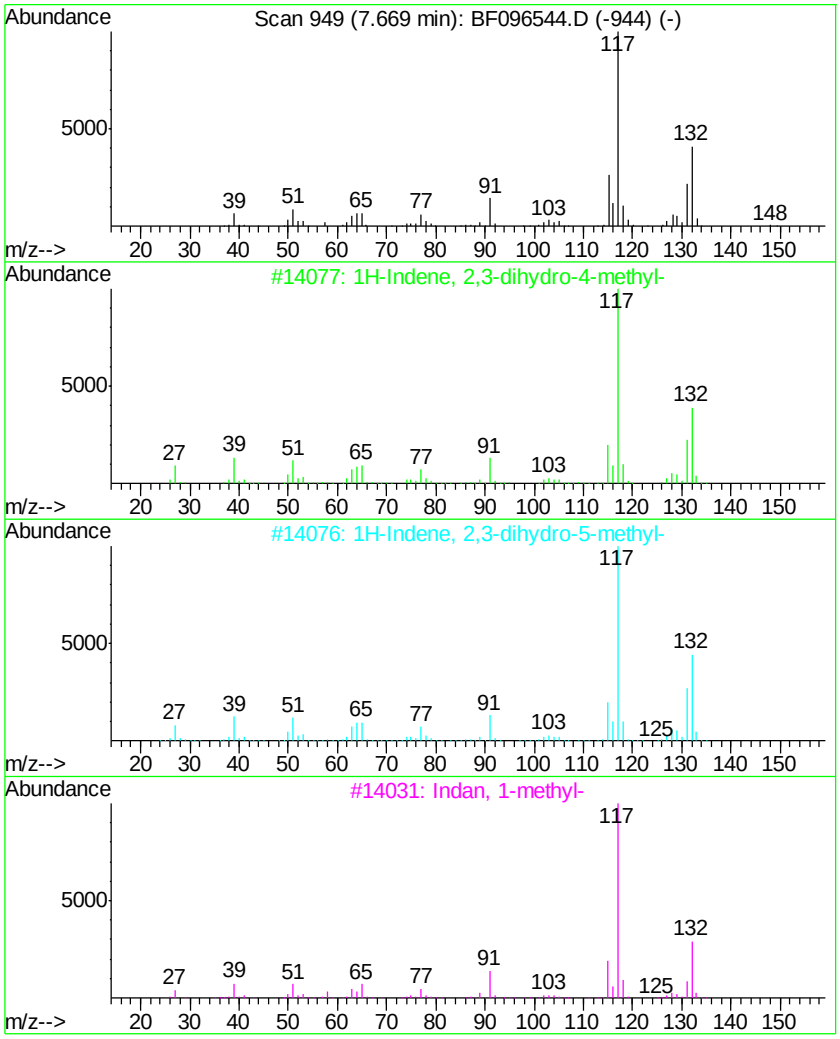
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

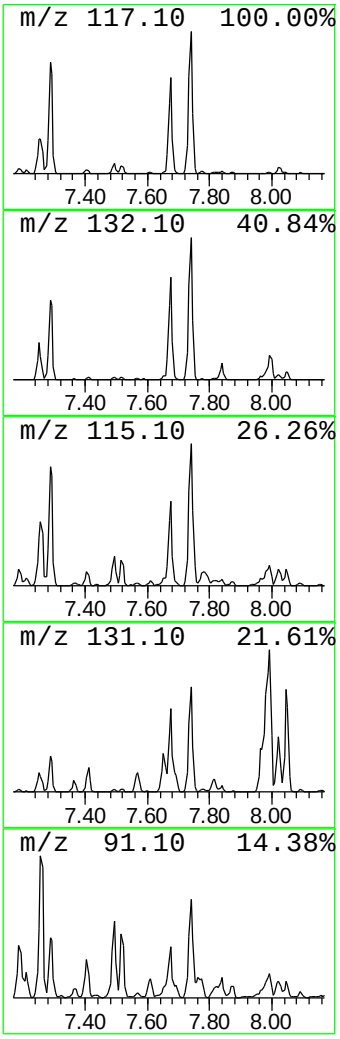
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	16.08 ng	1264670	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
3	Indan, 1-methyl-	132	C10H12	000767-58-8	90
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096544.D
Acq On : 6 Jul 2017 20:15
Operator : SJ/MA
Sample : I3972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B3-13-13.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

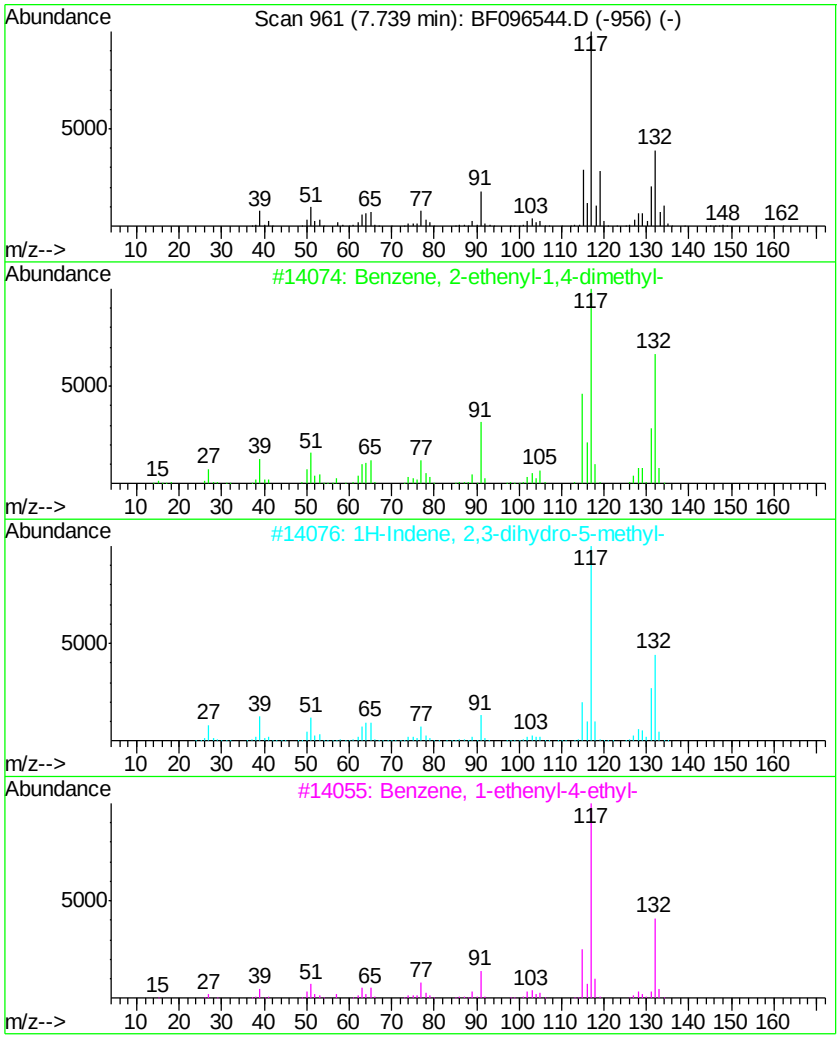
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

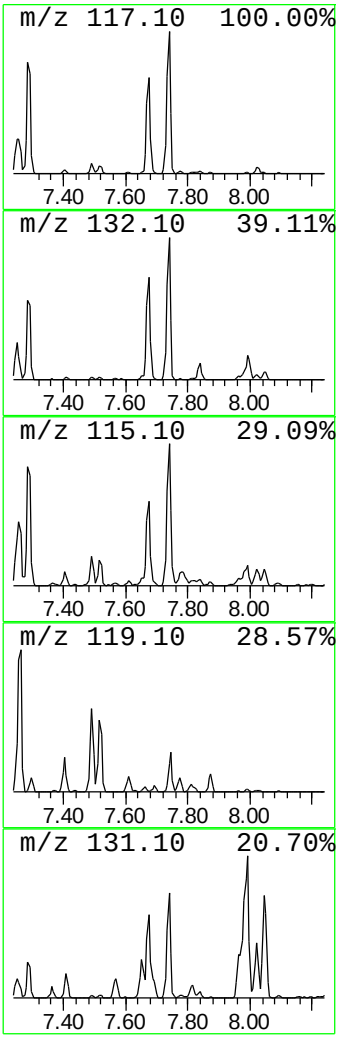
****

Peak Number 20 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	26.85 ng	2111970	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	89
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	83
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096544.D
Acq On : 6 Jul 2017 20:15
Operator : SJ/MA
Sample : I3972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-13-13.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
unknown4.91	4.91	13.1	ng	645940	1	6.72	989437	20.0
Octane	5.63	9.5	ng	470405	1	6.72	989437	20.0
unknown5.87	5.87	11.7	ng	577497	1	6.72	989437	20.0
Benzene, propyl-	6.17	20.8	ng	1028050	1	6.72	989437	20.0
Octane, 2,3-dimet...	6.22	18.6	ng	921827	1	6.72	989437	20.0
Octane, 2,7-dimet...	6.26	16.9	ng	836510	1	6.72	989437	20.0
unknown6.49	6.49	65.2	ng	3224970	1	6.72	989437	20.0
Benzene, 1,2,3-tr...	6.55	33.7	ng	1666370	1	6.72	989437	20.0
Benzene, 1,2,4-tr...	6.78	43.6	ng	2156280	1	6.72	989437	20.0
Indane	6.90	33.1	ng	1637650	1	6.72	989437	20.0
Benzene, 1,2-diet...	6.97	21.0	ng	1039390	1	6.72	989437	20.0
3a,6-Methano-3aH-...	7.04	22.3	ng	1102360	1	6.72	989437	20.0
Octane, 2,7-dimet...	7.07	10.9	ng	538753	1	6.72	989437	20.0
Benzene, 1-methyl...	7.12	15.9	ng	789179	1	6.72	989437	20.0
Benzene, 1-methyl...	7.19	19.5	ng	964005	1	6.72	989437	20.0
Benzene, 1,2,4,5-...	7.49	15.6	ng	1224160	2	8.00	1572950	20.0
Benzene, 1,2,3,4-...	7.52	12.7	ng	1002100	2	8.00	1572950	20.0
1H-Indene, 2,3-di...	7.67	16.1	ng	1264670	2	8.00	1572950	20.0
Benzene, 2-etheny...	7.74	26.9	ng	2111970	2	8.00	1572950	20.0