LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108822.D
Acq On : 6 Sep 2018 13:25
Operator : JU/SJ
Sample : J4724-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-8USTS-E

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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	4.884	423	433	439	rBV3	316096	557093	1.55%	0.094%
2	4.943	439	443	449	rBV2	538061	666858	1.86%	0.112%
3	5.154	474	479	482	rBV	1209856	1212738	3.38%	0.204%
4	5.243	490	494	497	rBV	883272	821148	2.29%	0.138%
5	5.348	502	512	516	rVV	4943351	5595786	15.60%	0.942%
6	5.437	521	527	529	rBV2	517764	593975	1.66%	0.100%
7	5.519	537	541	545	rBV2	1498346	2006827	5.60%	0.338%
8	5.560	545	548	551	rVB	2445771	2182353	6.09%	0.367%
9	5.601	551	555	557	rBV	1722245	1688549	4.71%	0.284%
10	5.619	557	558	563	rVB2	631940	556931	1.55%	0.094%
11	5.678	563	568	571	rBV	936468	982810	2.74%	0.165%
12	5.772	575	584	587	rBV2	3117721	4720287	13.16%	0.794%
13	5.831	587	594	597	rBV3	2599989	4701170	13.11%	0.791%
14	5.860	597	599	602	rVB3	754490	709922	1.98%	0.119%
15	5.907	602	607	612	rVB	6190883	7940475	22.14%	1.336%
16	5.966	612	617	621	rBV2	3489049	5731394	15.98%	0.964%
17	6.013	621	625	631	rBV3	10112209	16870839	47.05%	2.839%
18	6.072	631	635	637	rBV2	6445695	7233135	20.17%	1.217%
19	6.095	637	639	642	rVB3	1269840	1384120	3.86%	0.233%
20	6.125	642	644	646	rVB	1534294	1193175	3.33%	0.201%
21	6.148	646	648	651	rVB	2193279	1906112	5.32%	0.321%
22	6.201	651	657	661	rBV4	6698496	11877947	33.12%	1.999%
23	6.272	661	669	671	rBV2	8053552	11997609	33.46%	2.019%
24	6.360	681	684	689	rBV3	5746413	10263329	28.62%	1.727%
25	6.413	690	693	695	rVV	2892062	2675769	7.46%	0.450%
26	6.437	695	697	699	rVB2	3859641	3079316	8.59%	0.518%
27	6.460	699	701	704	rVB	3958398	3515144	9.80%	0.592%
28	6.513	704	710	714	rBV5	8867139	19573275	54.58%	3.294%
29	6.584	719	722	724	rVV	7398259	8257765	23.03%	1.390%
30	6.619	724	728	731	rVV3	5955255	9870969	27.53%	1.661%
31	6.648	731	733	735	rVV	2532342	3041621	8.48%	0.512%
32	6.672	735	737	738	rVV2	3039582	2901578	8.09%	0.488%
33	6.707	738	743	746	rVV5	6011148	13852742	38.63%	2.331%
34	6.748	747	750	751	rVV	7159820	9130019	25.46%	1.536%

LSC Area Percent Report

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Acq On : 6 Sep 2018 13:25
Operator : JU/SJ
Sample : J4724-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-8USTS-E

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.801	754	759	761	rVV2	12725697	25203306	70.28%	4.241%
36	6.819	761	762	764	rVV	8190145	8344341	23.27%	1.404%
37	6.866	768	770	772	rVV3	6357041	7964383	22.21%	1.340%
38	6.925	772	780	784	rVV5	12431386	35859623	100.00%	6.034%
39	6.954	784	785	788	rVV	6707172	5839536	16.28%	0.983%
40	6.984	788	790	791	rVV	3991742	3979904	11.10%	0.670%
41	7.007	791	794	797	rVV4	7826956	13058213	36.41%	2.197%
42	7.042	797	800	804	rVV2	11044528	20014723	55.81%	3.368%
43	7.084	804	807	809	rVV2	10711894	12986766	36.22%	2.185%
44	7.119	809	813	816	rVV2	6839567	12269439	34.22%	2.065%
45	7.160	816	820	823	rVV3	10602703	17187511	47.93%	2.892%
46	7.189	823	825	827	rVV2	5445144	7022457	19.58%	1.182%
47	7.213	827	829	830	rVV2	4976146	4993399	13.92%	0.840%
48	7.231	830	832	834	rVV2	6406628	7653699	21.34%	1.288%
49	7.254	834	836	838	rVV	7754232	8435810	23.52%	1.420%
50	7.301	838	844	847	rVV3	11659643	25622727	71.45%	4.312%
51	7.348	850	852	854	rVV	7578262	8625843	24.05%	1.452%
52	7.407	858	862	866	rVV5	9569468	18653300	52.02%	3.139%
53	7.448	866	869	871	rVV3	6308367	9642881	26.89%	1.623%
54	7.478	871	874	877	rVV3	8539917	13100850	36.53%	2.205%
55	7.525	877	882	884	rVV3	6680689	13581340	37.87%	2.285%
56	7.554	884	887	893	rVV3	9765628	19335366	53.92%	3.254%
57	7.601	893	895	897	rVV	3720973	4112763	11.47%	0.692%
58	7.648	897	903	904	rVV4	4685802	9179751	25.60%	1.545%
59	7.666	904	906	908	rVV2	7829459	9108666	25.40%	1.533%
60	7.684	908	909	913	rVV3	7338380	9331959	26.02%	1.570%
61	7.725	913	916	919	rVV2	5385302	7213191	20.12%	1.214%
62	7.760	919	922	923	rVV2	5383373	5702008	15.90%	0.960%
63	7.778	923	925	928	rVV2	6314833	8295841	23.13%	1.396%
64	7.807	928	930	933	rVV	4846120	5444808	15.18%	0.916%
65	7.842	933	936	937	rVV2	3620568	4243638	11.83%	0.714%
66	7.872	939	941	944	rVV	4205035	4366725	12.18%	0.735%
67	7.901	944	946	949	rVV	2744890	3362636	9.38%	0.566%
68	7.942	951	953	955	rVV3	1409891	1633366	4.55%	0.275%
69	7.978	956	959	960	rVV	2478200	2706734	7.55%	0.455%
70	8.025	963	967	969	rVV2	4911155	6259649	17.46%	1.053%
71	8.048	969	971	974	rVV4	2066004	3042569	8.48%	0.512%

LSC Area Percent Report

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Acq On : 6 Sep 2018 13:25
Operator : JU/SJ
Sample : J4724-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-8USTS-E

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	8.078	974	976	978	rVV2	2104516	2374419	6.62%	0.400%
73	8.101	978	980	982	rVV	3550634	2977220	8.30%	0.501%
74	8.125	982	984	987	rVV3	1237194	1458691	4.07%	0.245%
75	8.154	987	989	991	rVV3	875675	794535	2.22%	0.134%
76	8.184	991	994	996	rVV3	648481	778410	2.17%	0.131%
77	8.207	996	998	1002	rVV3	650675	965517	2.69%	0.162%
78	8.236	1002	1003	1006	rVV2	464568	482135	1.34%	0.081%
79	8.266	1006	1008	1010	rVV2	332553	435368	1.21%	0.073%
80	8.325	1013	1018	1021	rVV6	991012	1305477	3.64%	0.220%
81	8.378	1025	1027	1030	rVV3	459067	392458	1.09%	0.066%
82	8.407	1030	1032	1036	rVV3	326005	384647	1.07%	0.065%
83	8.460	1037	1041	1045	rVV2	881013	941108	2.62%	0.158%
84	9.095	1144	1149	1152	rVB	5217908	4363381	12.17%	0.734%
85	9.483	1212	1215	1218	rBV	1312905	1030807	2.87%	0.173%
86	9.766	1259	1263	1267	rVB2	2257343	1900453	5.30%	0.320%
87	10.548	1392	1396	1399	rBV	2454657	2076089	5.79%	0.349%
88	11.242	1510	1514	1517	rVB	1923537	1529625	4.27%	0.257%
89	12.824	1779	1783	1790	rVB	3642889	3190352	8.90%	0.537%
90	13.866	1956	1960	1964	rVB	2308687	2027029	5.65%	0.341%
91	14.724	2103	2106	2111	rVB	451253	462996	1.29%	0.078%
92	15.271	2195	2199	2204	rVB	1102124	1338543	3.73%	0.225%
93	16.112	2338	2342	2352	rVB3	192300	364013	1.02%	0.061%

Sum of corrected areas: 594245774

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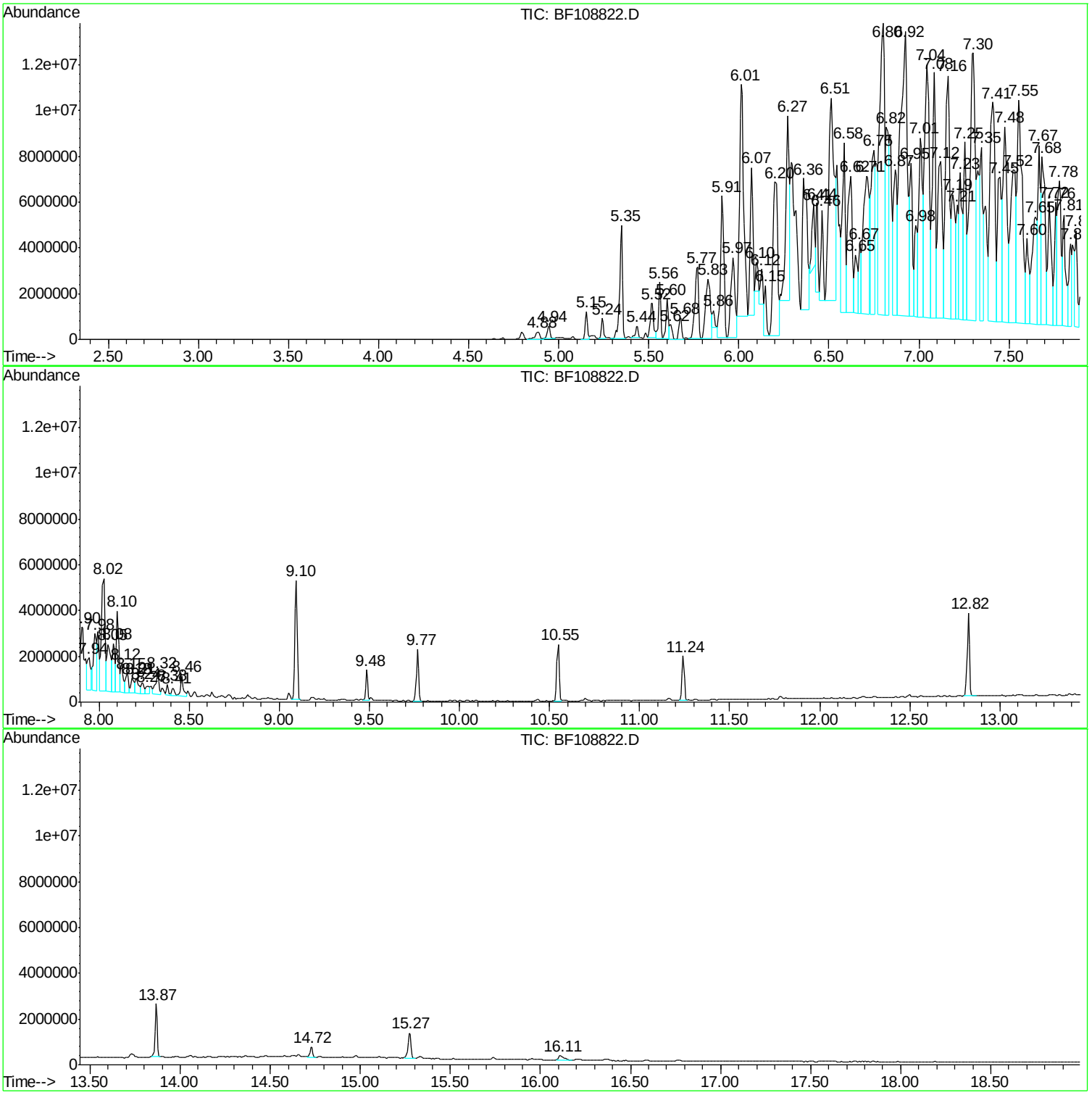
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-8USTS-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

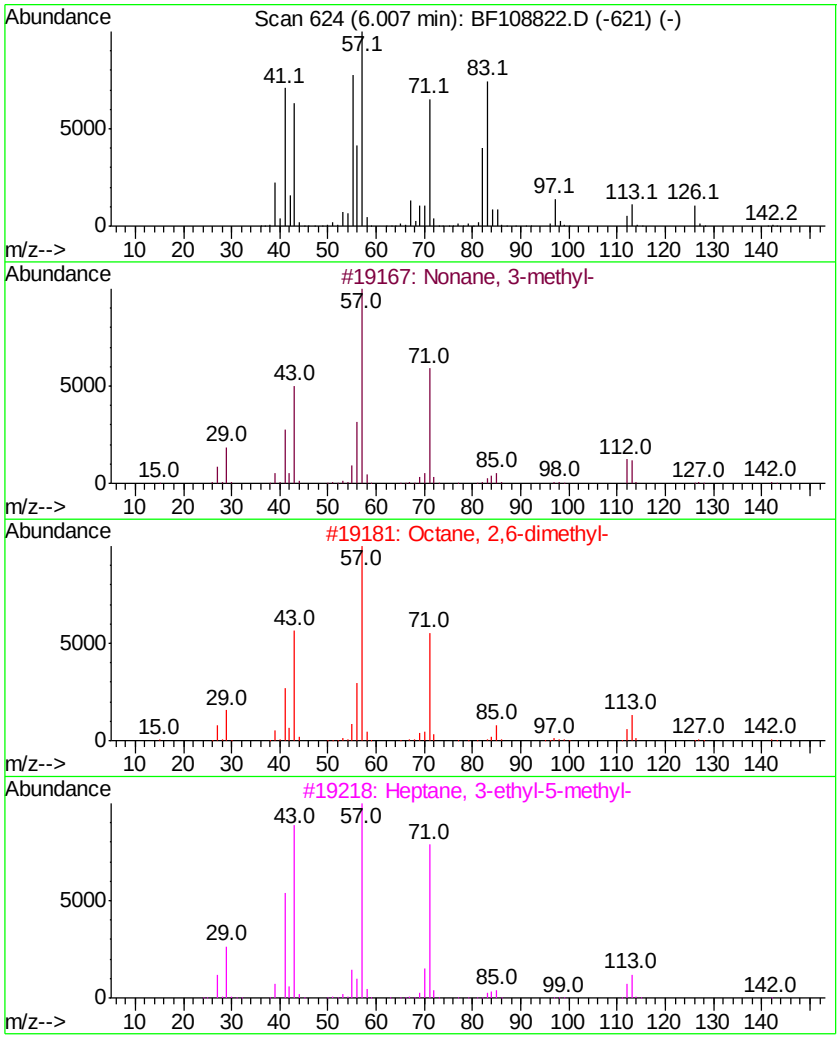
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

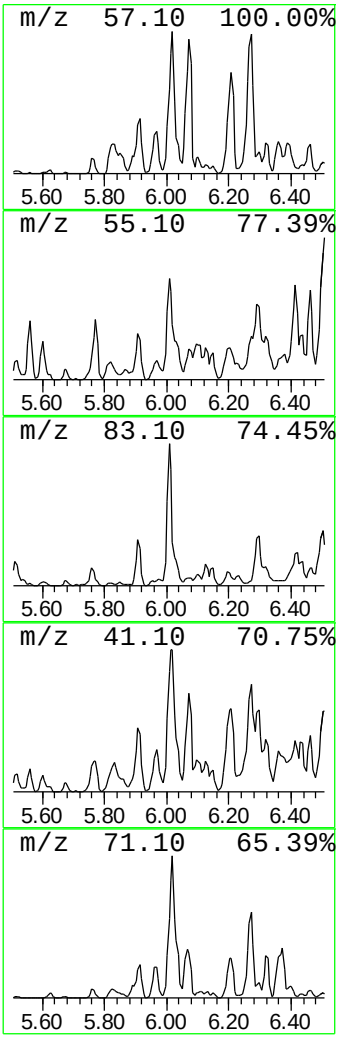
****

Peak Number 1 Nonane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.01	36.96 ng	16870800	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	55
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	49
3	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	38
4	3-Bromooctane	192	C8H17Br	000999-64-4	38
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	38





Library Search Compound Report

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Data File : BF108822.D
Acq On : 6 Sep 2018 13:25
Operator : JU/SJ
Sample : J4724-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-8USTS-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

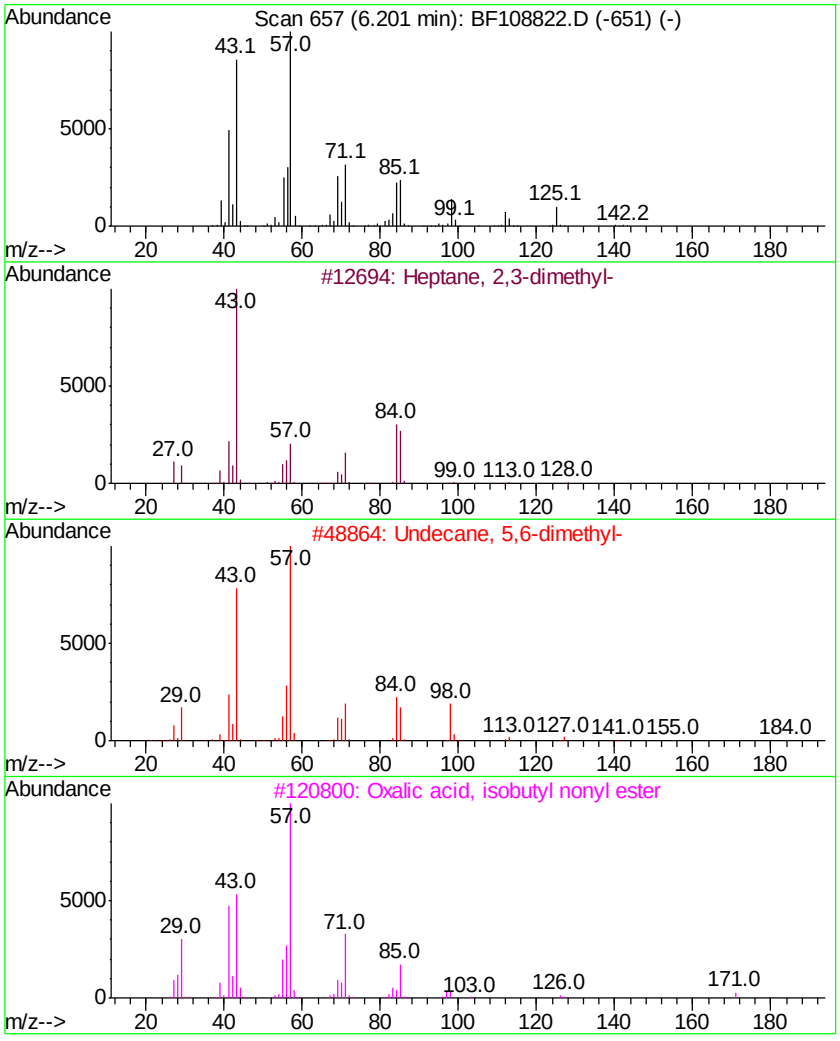
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

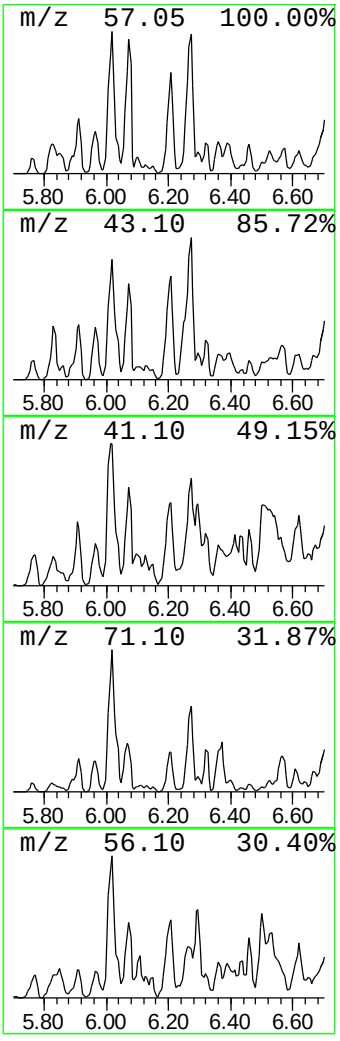
****

Peak Number 2 Heptane, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	26.02 ng	11877900	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	58
2	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	53
3	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	53
4	Octane, 4-ethyl-	142	C10H22	015869-86-0	53
5	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	50





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Instrument : BNA_F
ClientSampleId : EP1-SUT-8USTS-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

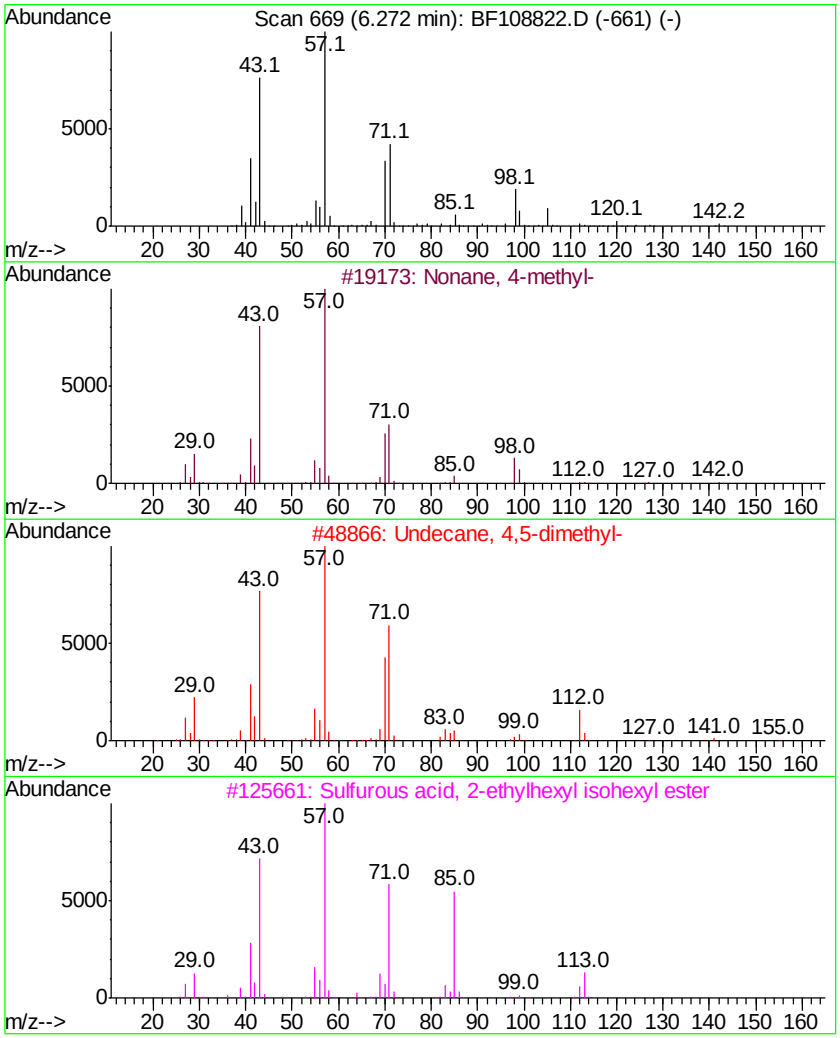
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

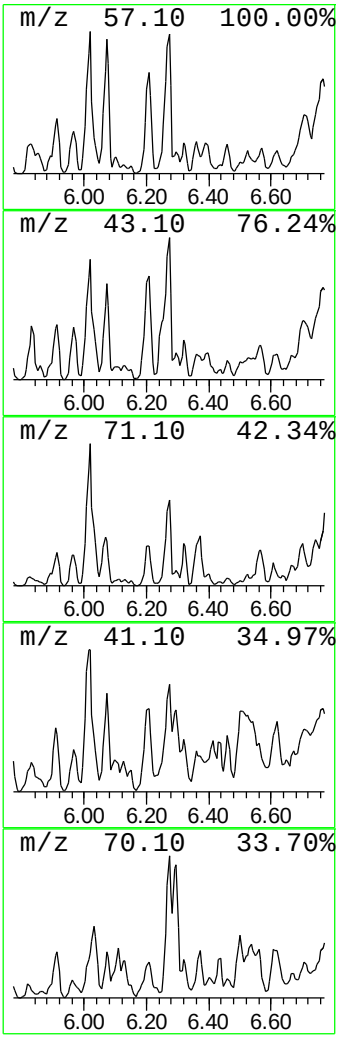
****

Peak Number 3 Nonane, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	26.28 ng	11997600	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	90
2	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	64
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	53
4	Sulfurous acid, isobutyl pentyl ...	208	C9H20O3S	1000309-13-8	50
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-8USTS-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
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TIC Library : C:\DATABASE\NIST11.L
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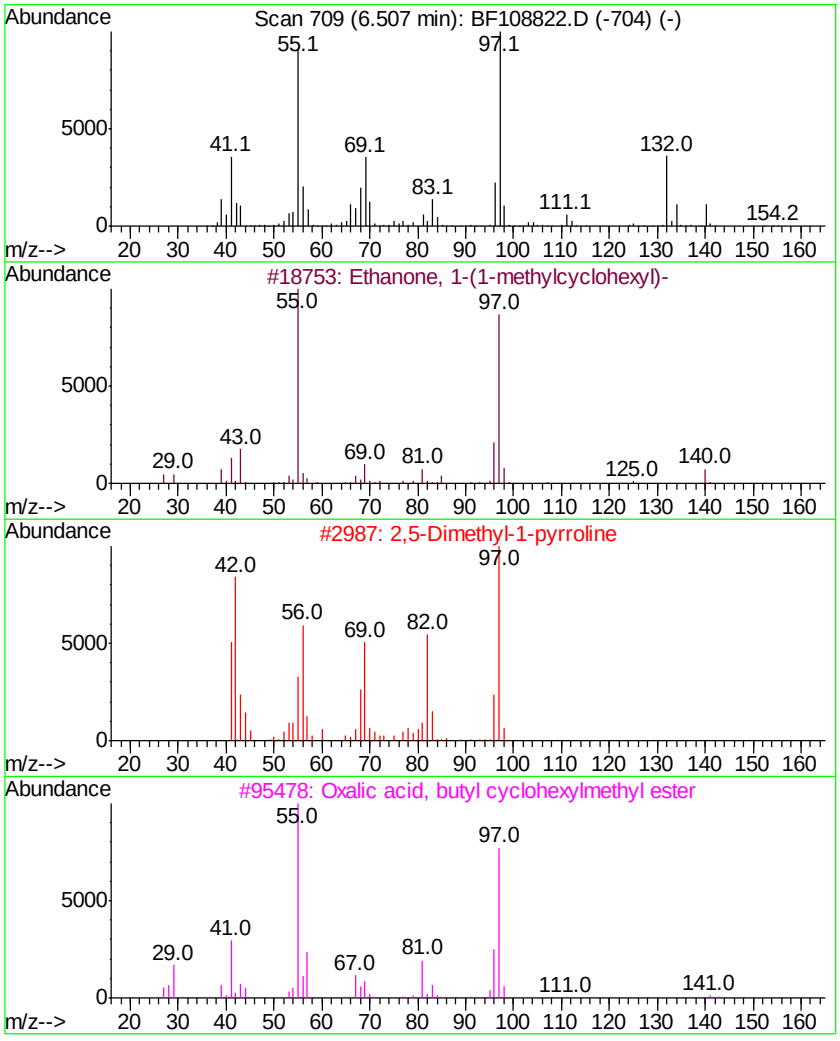
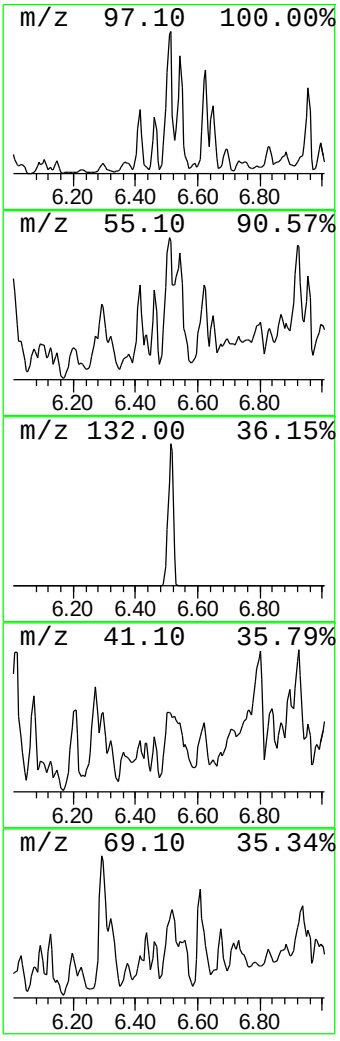
****

Peak Number 4 unknown6.51 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	42.88 ng	19573300	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	49
2	2,5-Dimethyl-1-pyrroline	97	C6H11N	000822-64-0	49
3	Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	47
4	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	45
5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	45





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Data File : BF108822.D
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Sample : J4724-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-8USTS-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

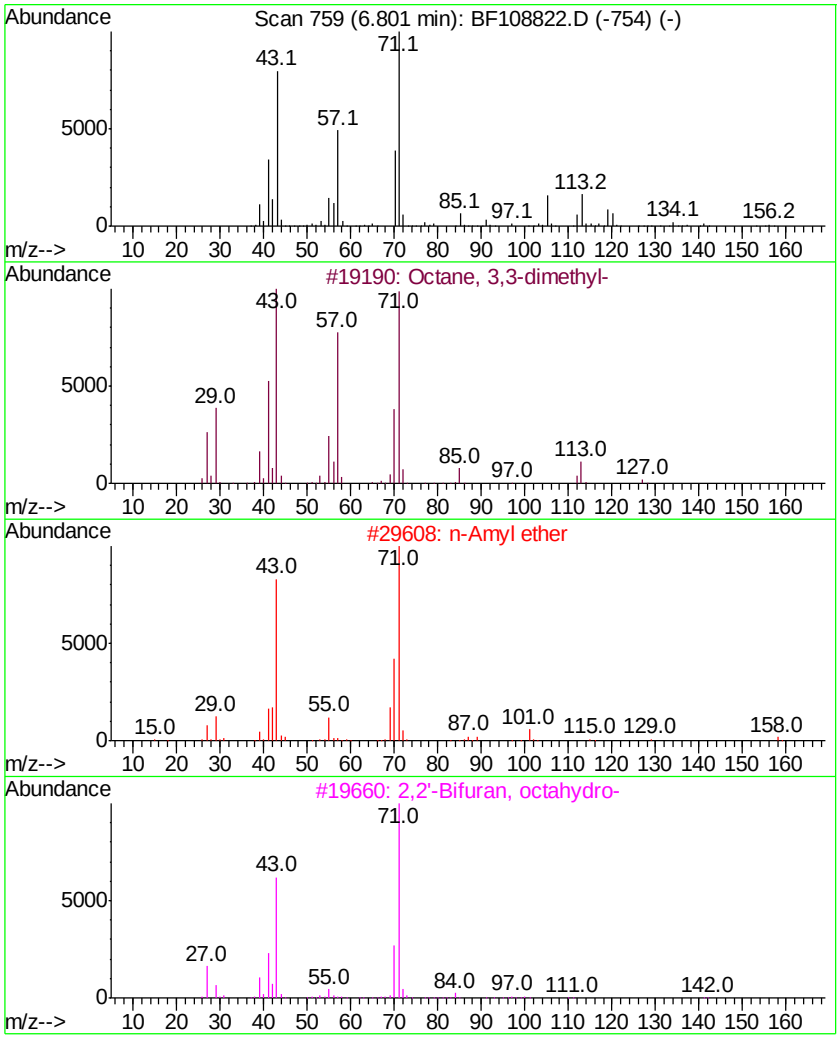
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

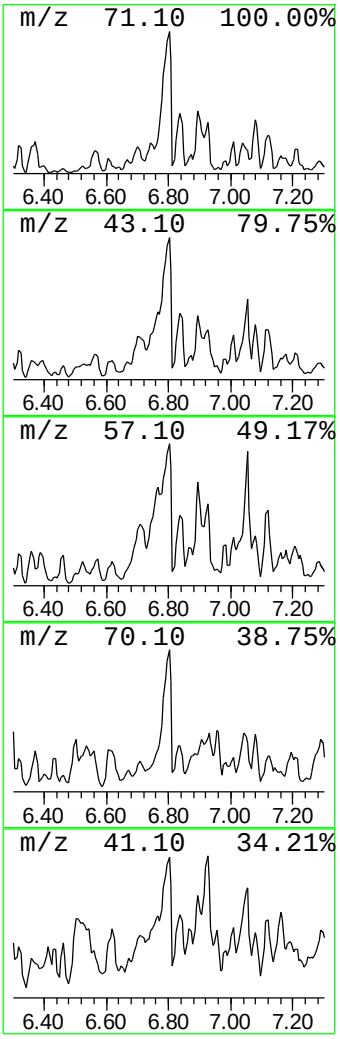
****

Peak Number 5 Octane, 3,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	55.21 ng	25203300	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
2	n-Amyl ether	158	C10H22O	000693-65-2	59
3	2,2'-Bifuran, octahydro-	142	C8H14O2	001592-33-2	59
4	Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	59
5	Sulfurous acid, 2-pentyl undecyl...	306	C16H34O3S	1000309-16-0	59





Library Search Compound Report

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Sample : J4724-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-8USTS-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

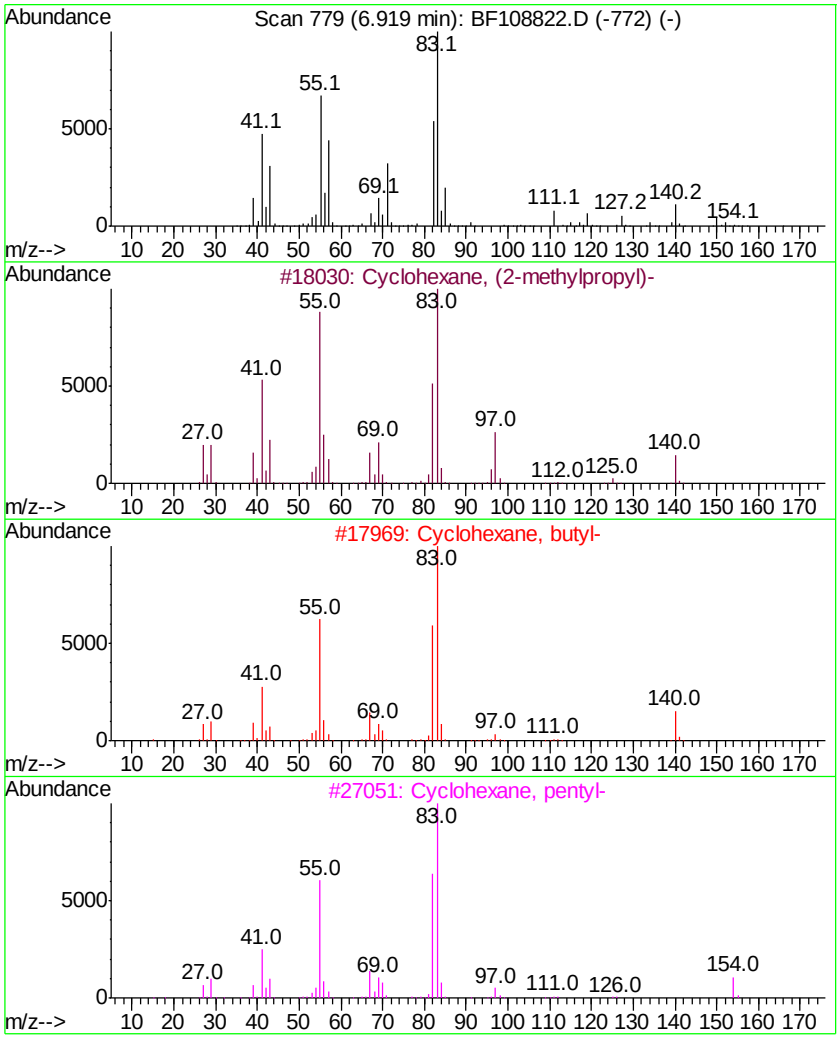
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

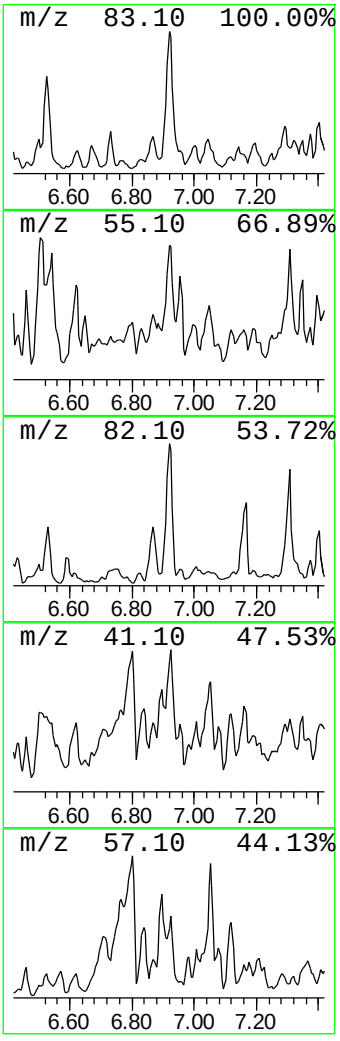
****

Peak Number 6 unknown6.92 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	78.55 ng	35859600	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	49
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	43
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	38
4	1-Propanone, 1-cyclohexyl-	140	C9H16O	001123-86-0	35
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	30





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Acq On : 6 Sep 2018 13:25
Operator : JU/SJ
Sample : J4724-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-8USTS-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

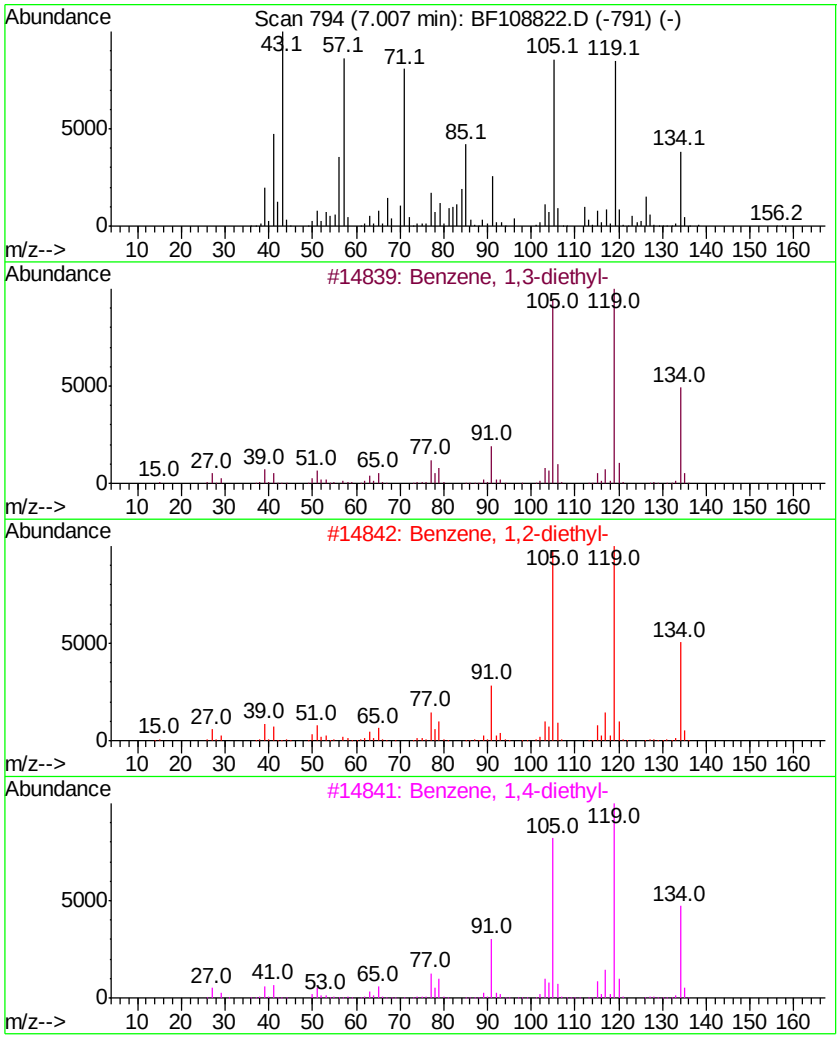
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

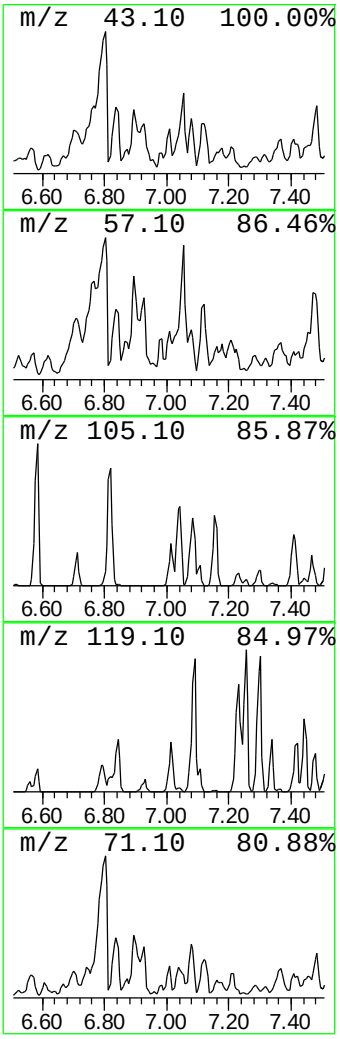
****

Peak Number 7 Benzene, 1,3-diethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	28.61 ng	13058200	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	89
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	86
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	46
5	o-Cymene	134	C10H14	000527-84-4	42





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Sample : J4724-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-8USTS-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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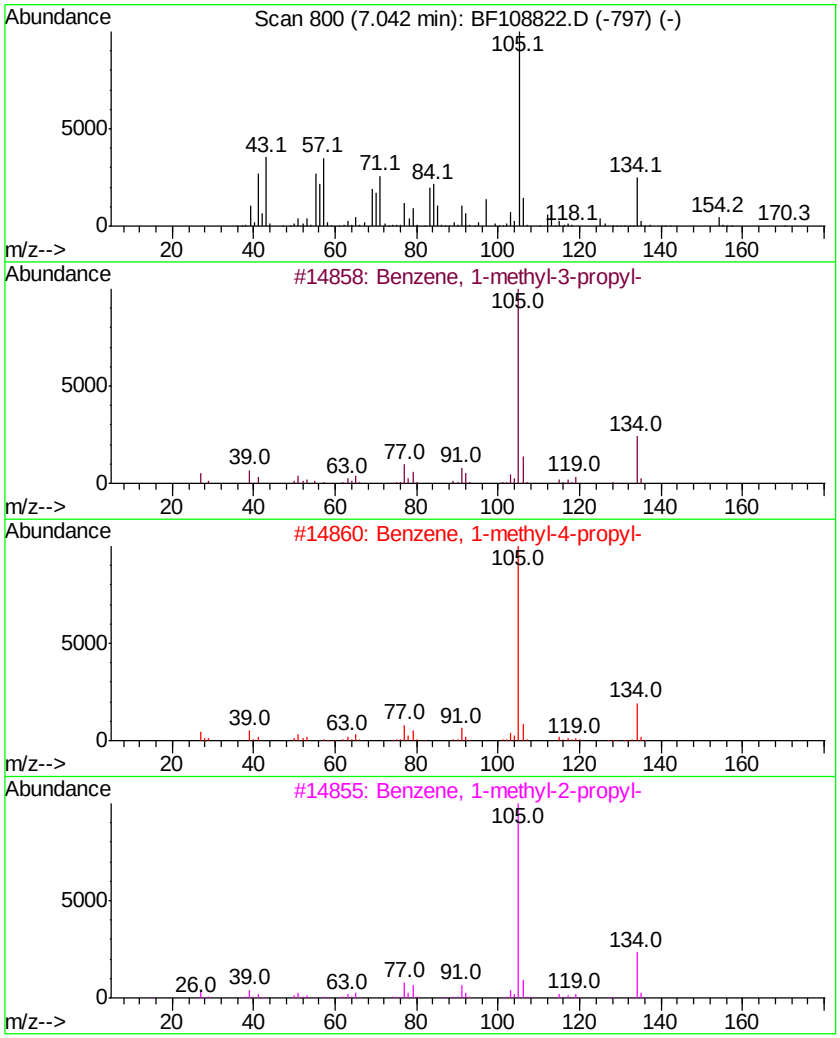
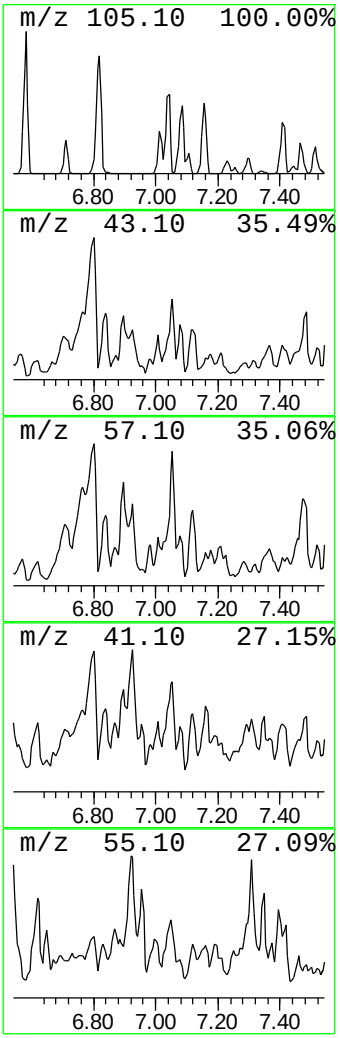
Peak Number 8 unknown7.04 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	43.84 ng	20014700	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	35
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	35
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	35
4	2-Tolyloxirane	134	C9H10O	002783-26-8	35
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	18





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Instrument : BNA_F
ClientSampleId : EP1-SUT-8USTS-E

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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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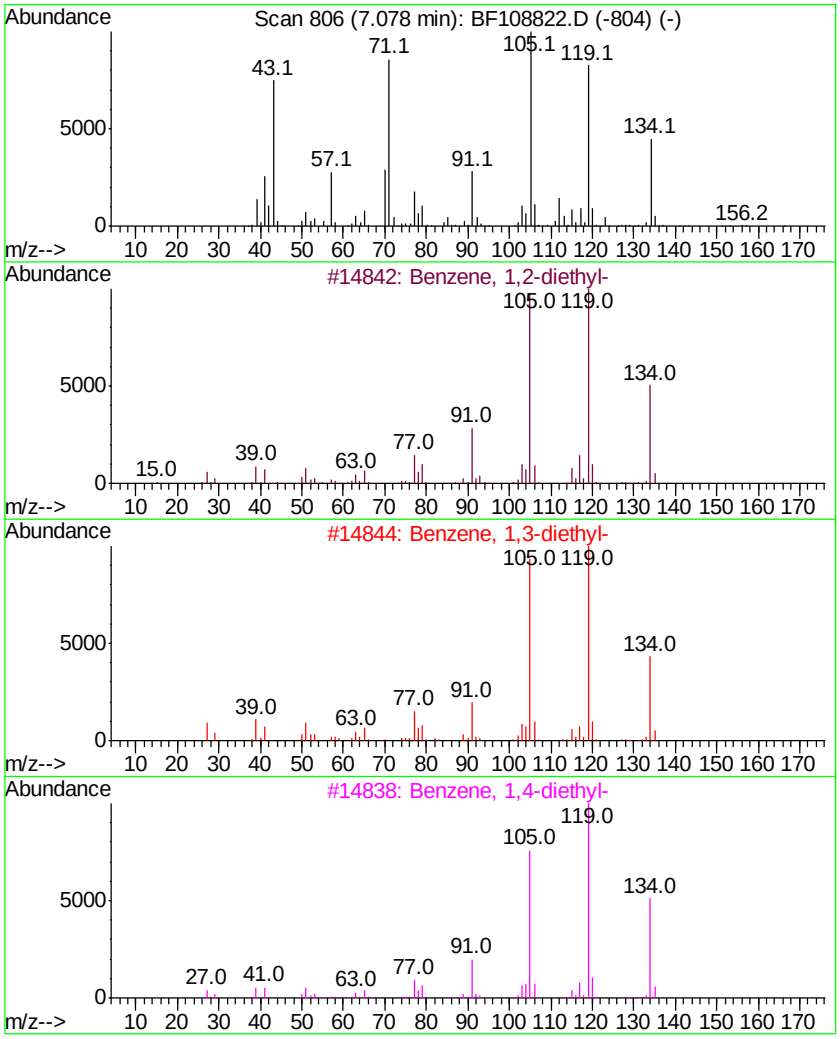
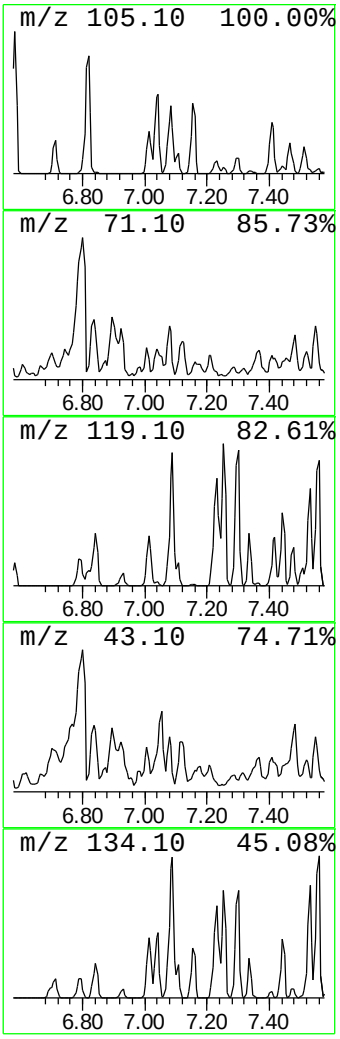
Peak Number 9 Benzene, 1,2-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	28.45 ng	12986800	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	o-Cymene	134	C10H14	000527-84-4	90





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Sample : J4724-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-8USTS-E

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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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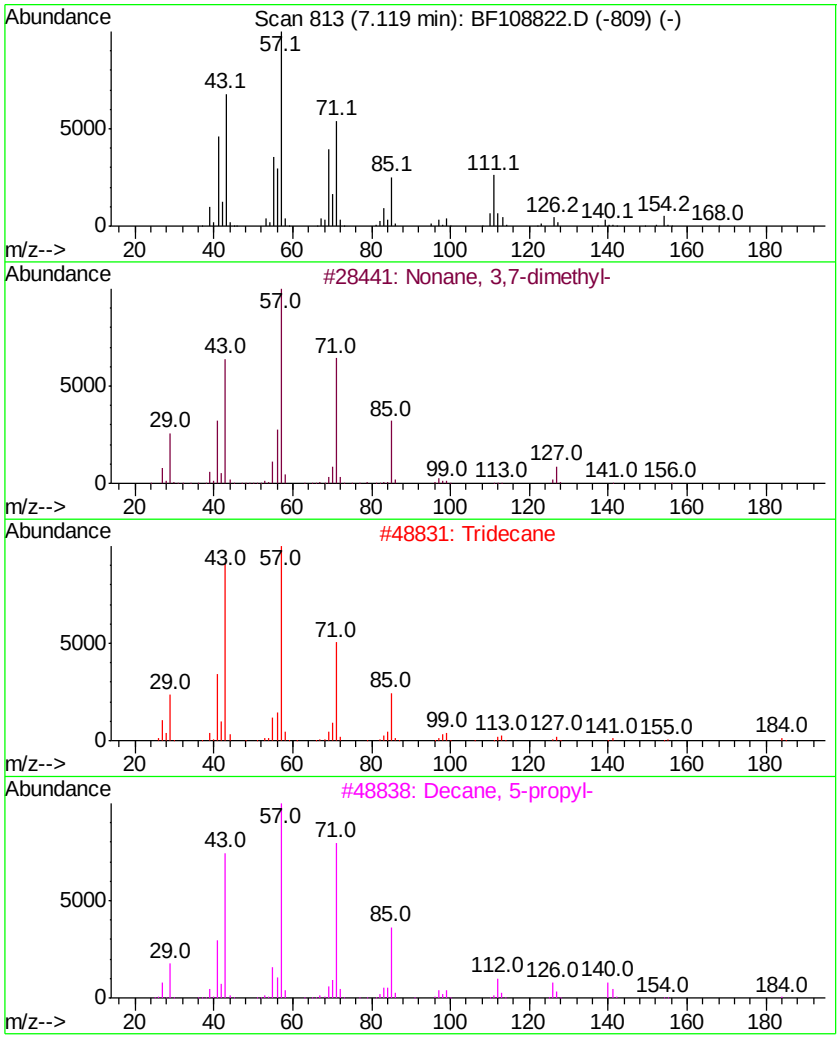
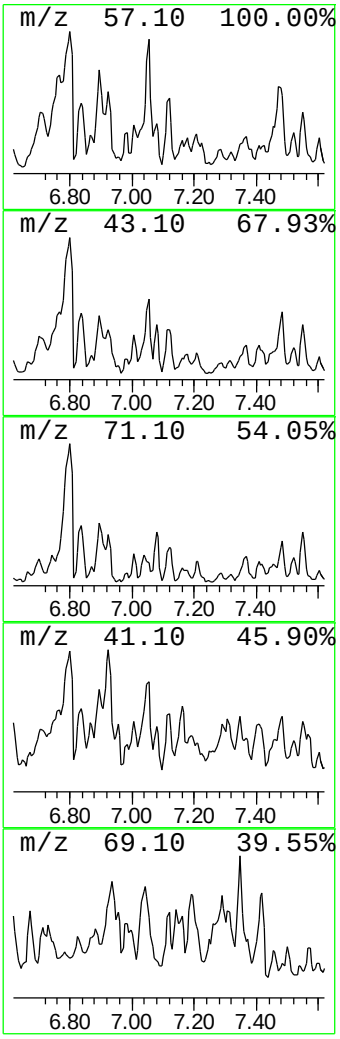
Peak Number 10 Nonane, 3,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	26.88 ng	12269400	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	62
2	Tridecane	184	C13H28	000629-50-5	50
3	Decane, 5-propyl-	184	C13H28	017312-62-8	50
4	Hexadecane	226	C16H34	000544-76-3	47
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43





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Sample : J4724-15
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ClientSampleId : EP1-SUT-8USTS-E

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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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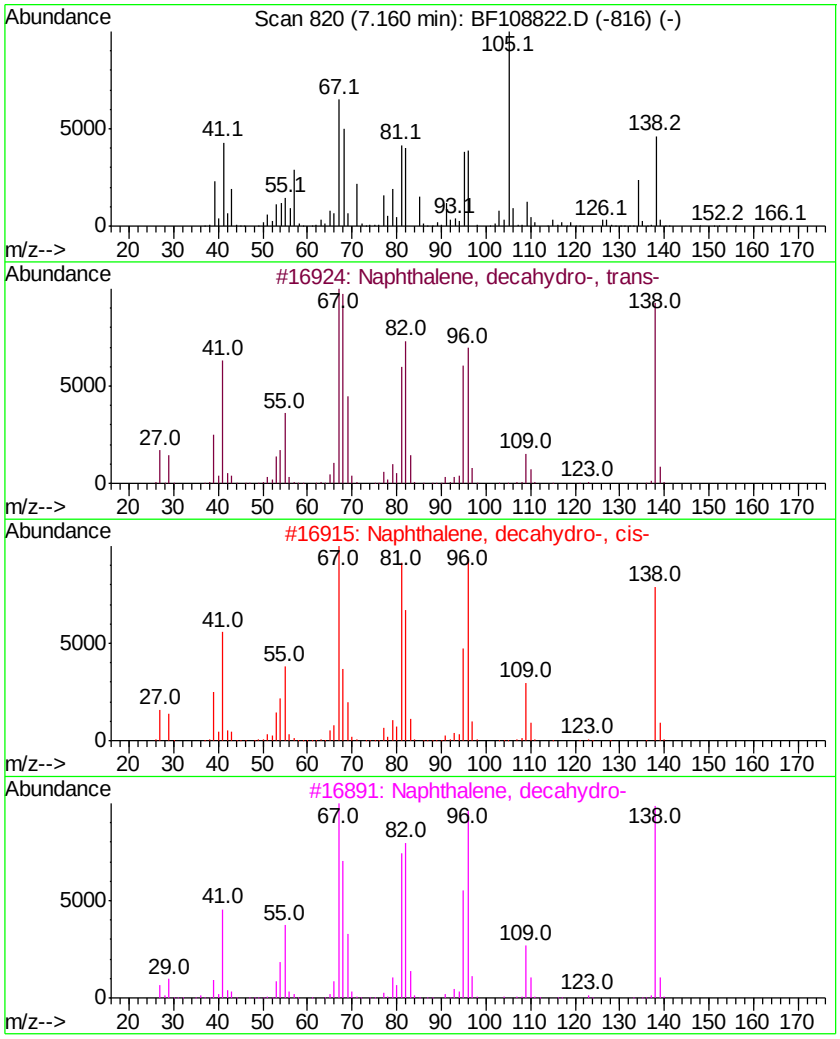
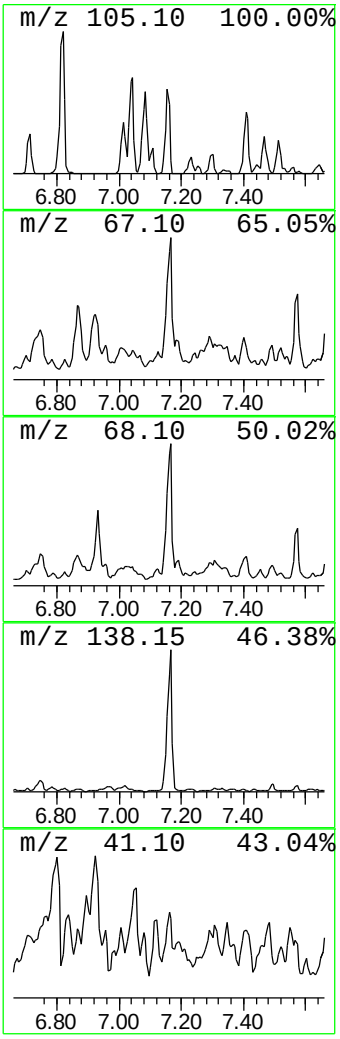
Peak Number 11 Naphthalene, decahydro-, tr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	37.65 ng	17187500	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	90
2	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	64
3	Naphthalene, decahydro-	138	C10H18	000091-17-8	62
4	1,1'-Bicyclopentyl	138	C10H18	001636-39-1	50
5	Bicyclo[4.1.0]heptane, 2-methyl-	110	C8H14	041977-46-2	46





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Sample : J4724-15
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ClientSampleId : EP1-SUT-8USTS-E

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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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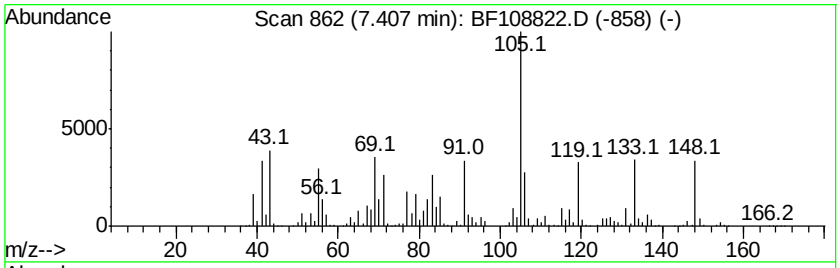
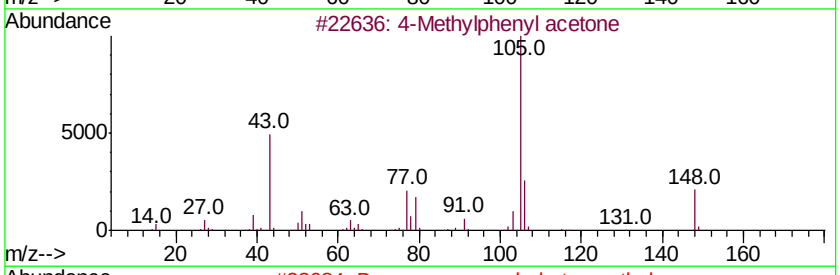
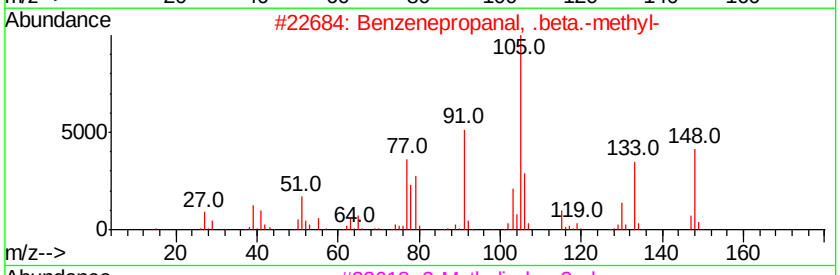
Peak Number 12 unknown7.41 Concentration Rank 3

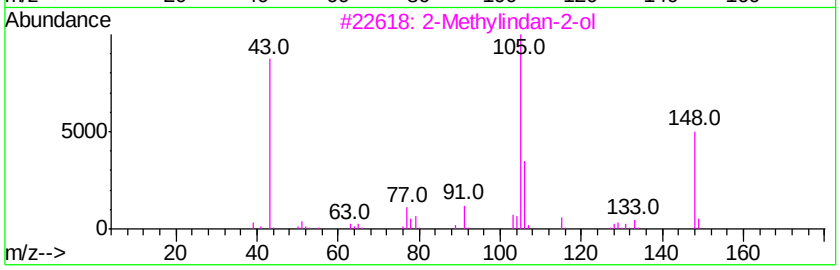
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	59.60 ng	18653300	Naphthalene-d8	8.02

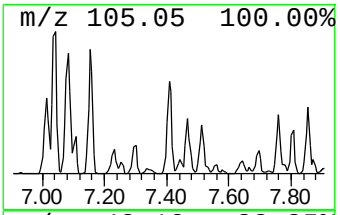
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylphenyl acetone	148	C10H12O	002096-86-8	42
2	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	38
3	2-Methylindan-2-ol	148	C10H12O	033223-84-6	30
4	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	30
5	Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	27

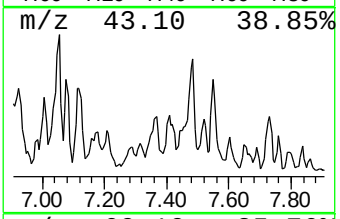


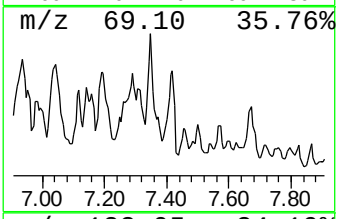


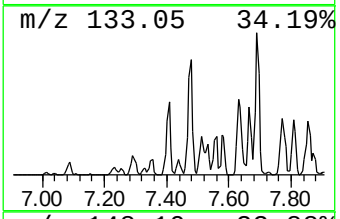


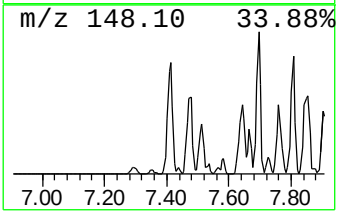












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Acq On : 6 Sep 2018 13:25
Operator : JU/SJ
Sample : J4724-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-8USTS-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

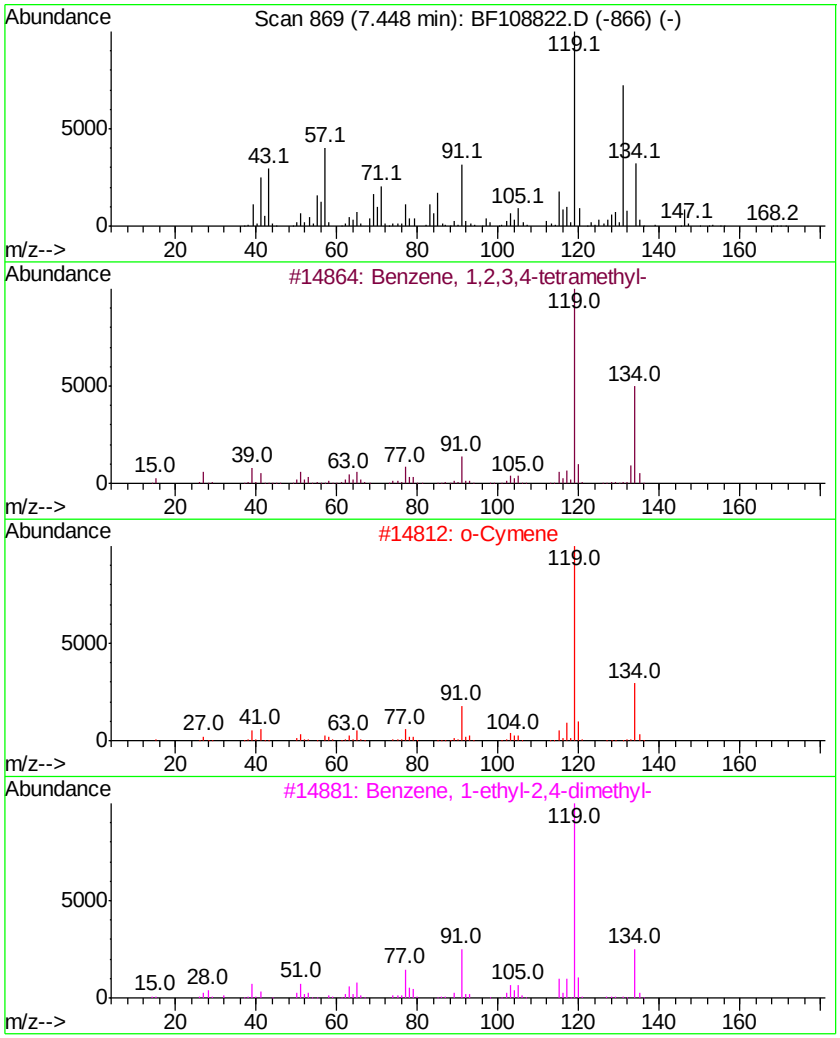
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

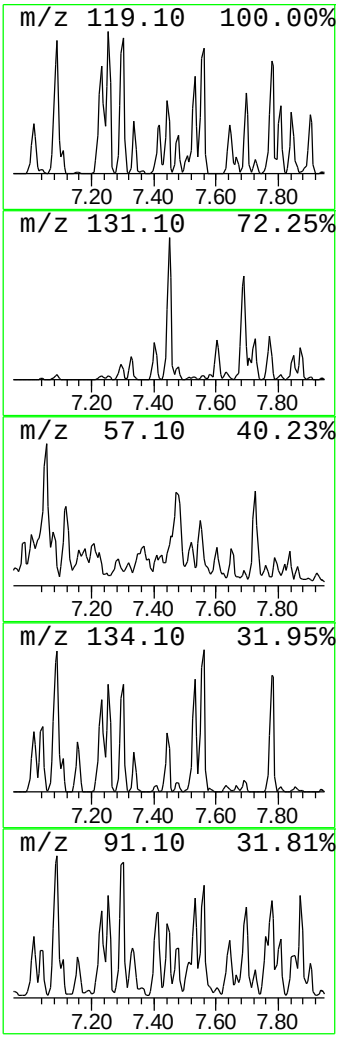
****

Peak Number 13 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	30.81 ng	9642880	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	55
2	o-Cymene	134	C10H14	000527-84-4	55
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	55
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	55
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	55





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Sample : J4724-15
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ALS Vial : 40 Sample Multiplier: 1

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ClientSampleId : EP1-SUT-8USTS-E

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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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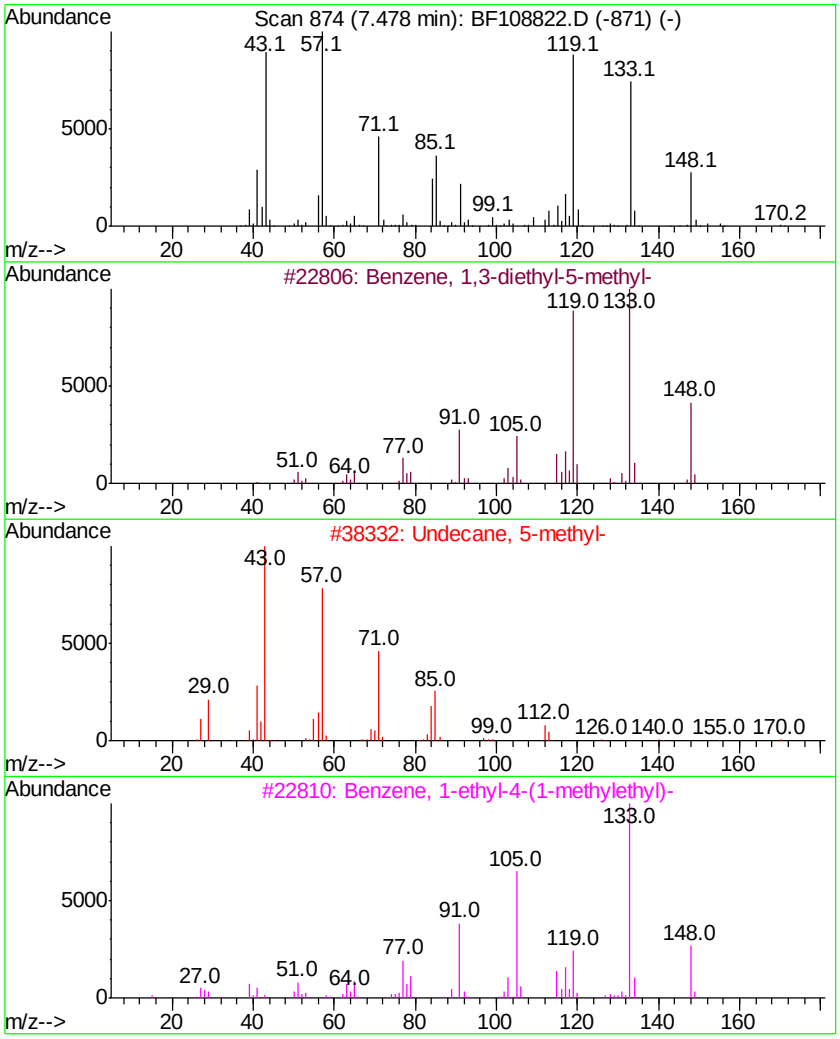
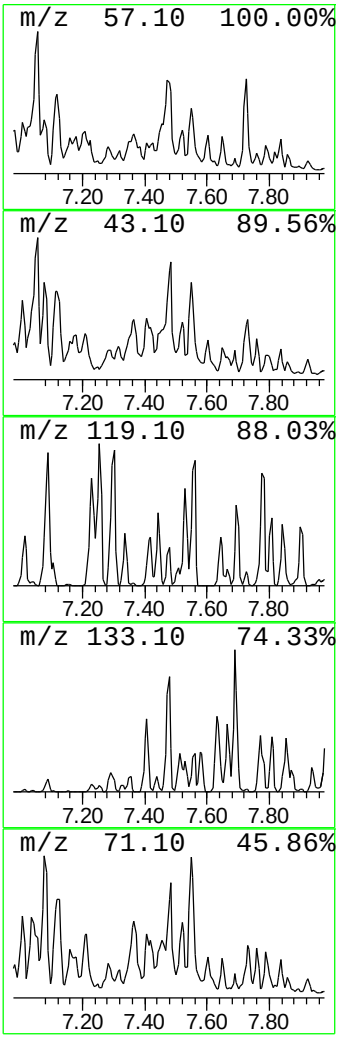
Peak Number 14 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	41.86 ng	13100900	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	58
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	35
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	30
4	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	30
5	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	25





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Sample : J4724-15
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Instrument : BNA_F
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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, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	43.39 ng	13581300	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81
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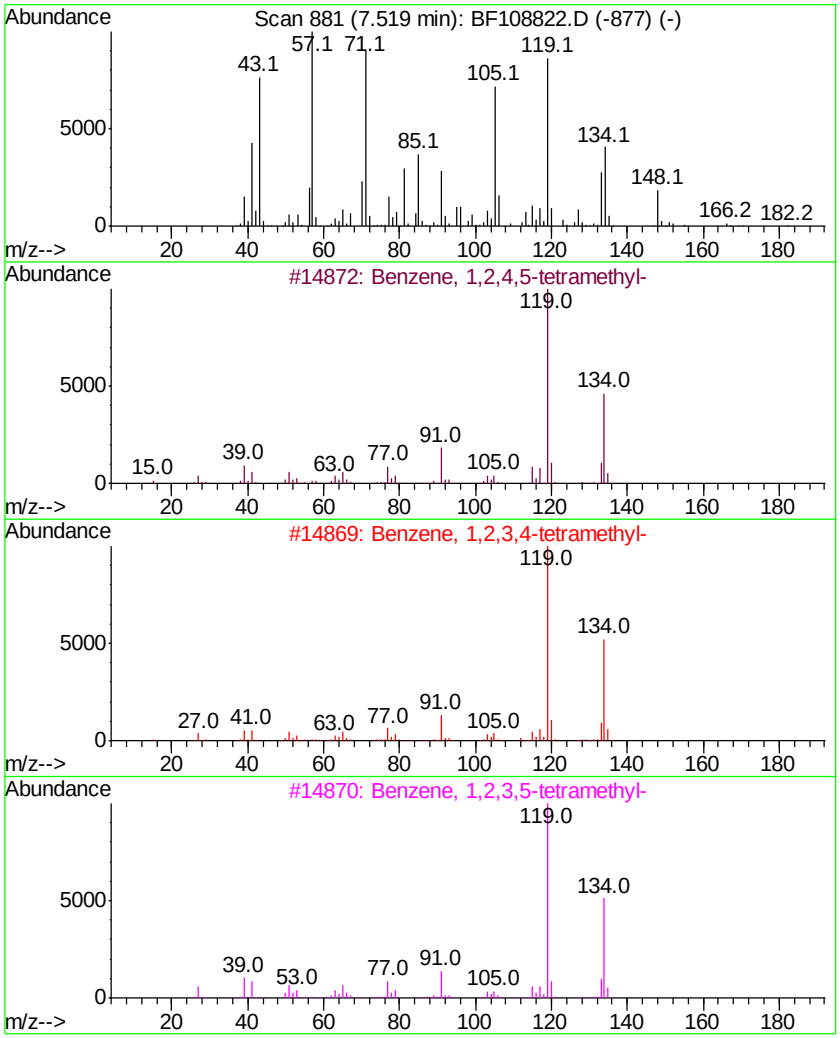

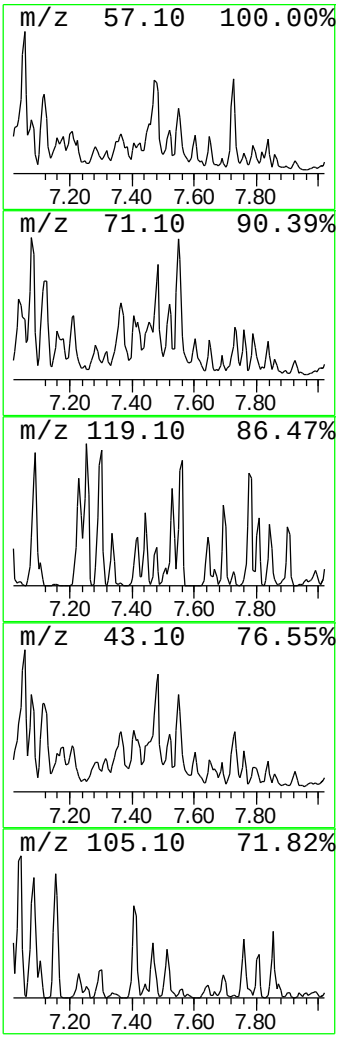

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Instrument : BNA_F
ClientSampleId : EP1-SUT-8USTS-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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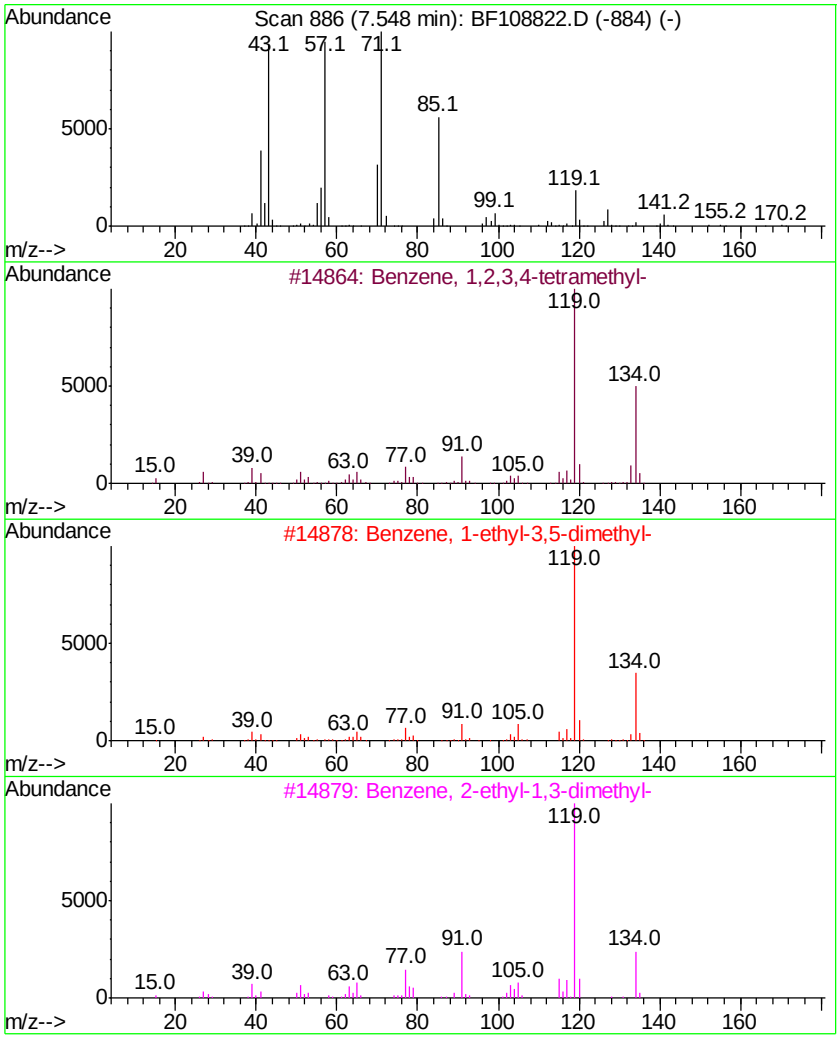
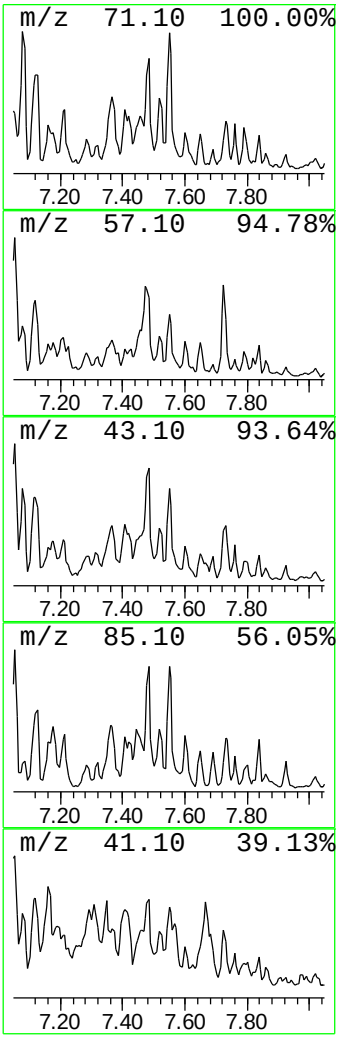
Peak Number 16 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	61.78 ng	19335400	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64





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Data File : BF108822.D
Acq On : 6 Sep 2018 13:25
Operator : JU/SJ
Sample : J4724-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-8USTS-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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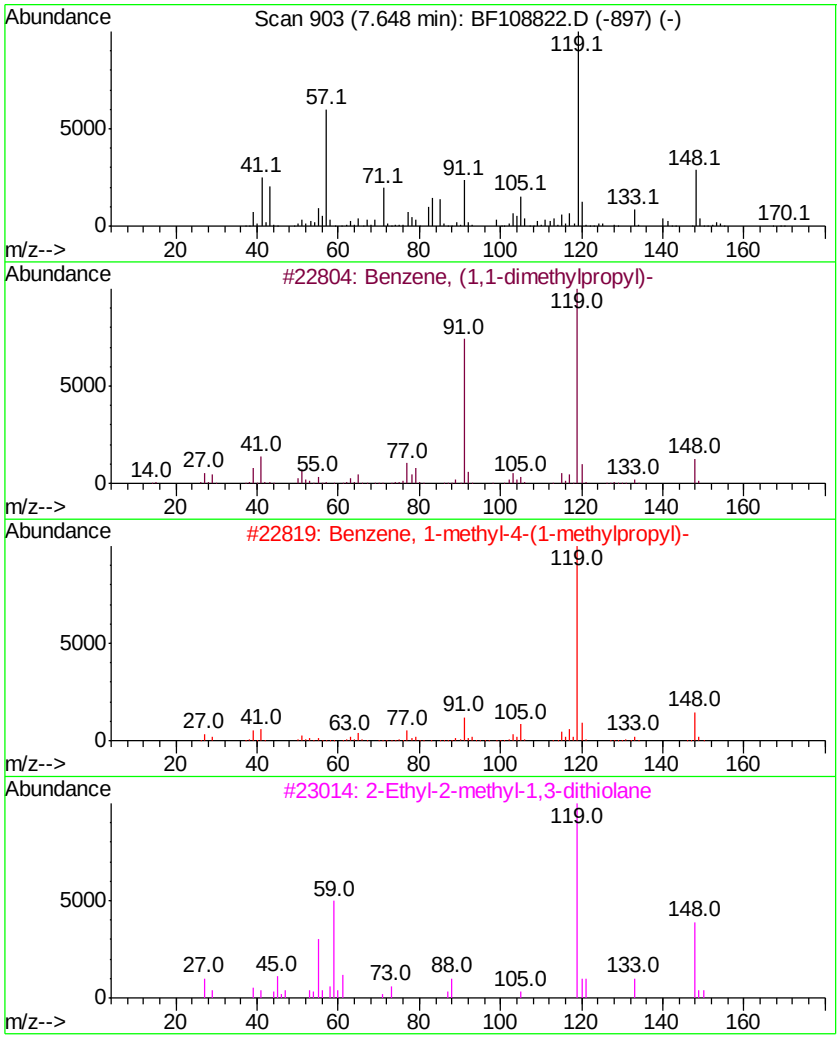
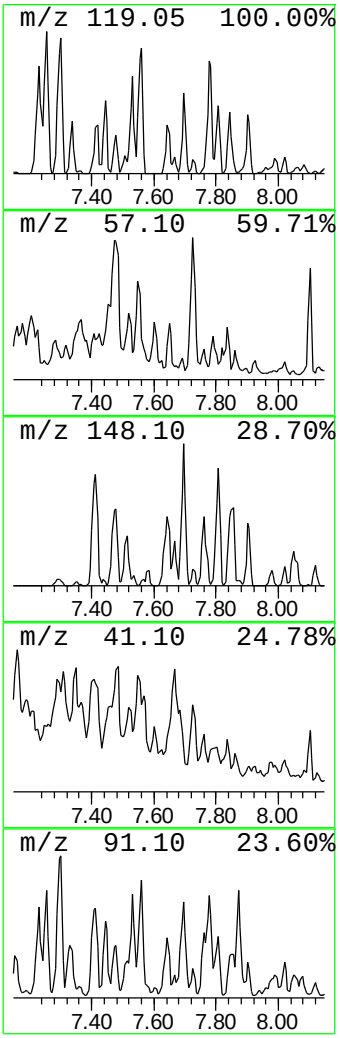
Peak Number 17 Benzene, (1,1-dimethylpropyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	29.33 ng	9179750	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
3	2-Ethyl-2-methyl-1,3-dithiolane	148	C6H12S2	006008-81-7	58
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	49
5	o-Cymene	134	C10H14	000527-84-4	49





Library Search Compound Report

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Data File : BF108822.D
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Operator : JU/SJ
Sample : J4724-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-8USTS-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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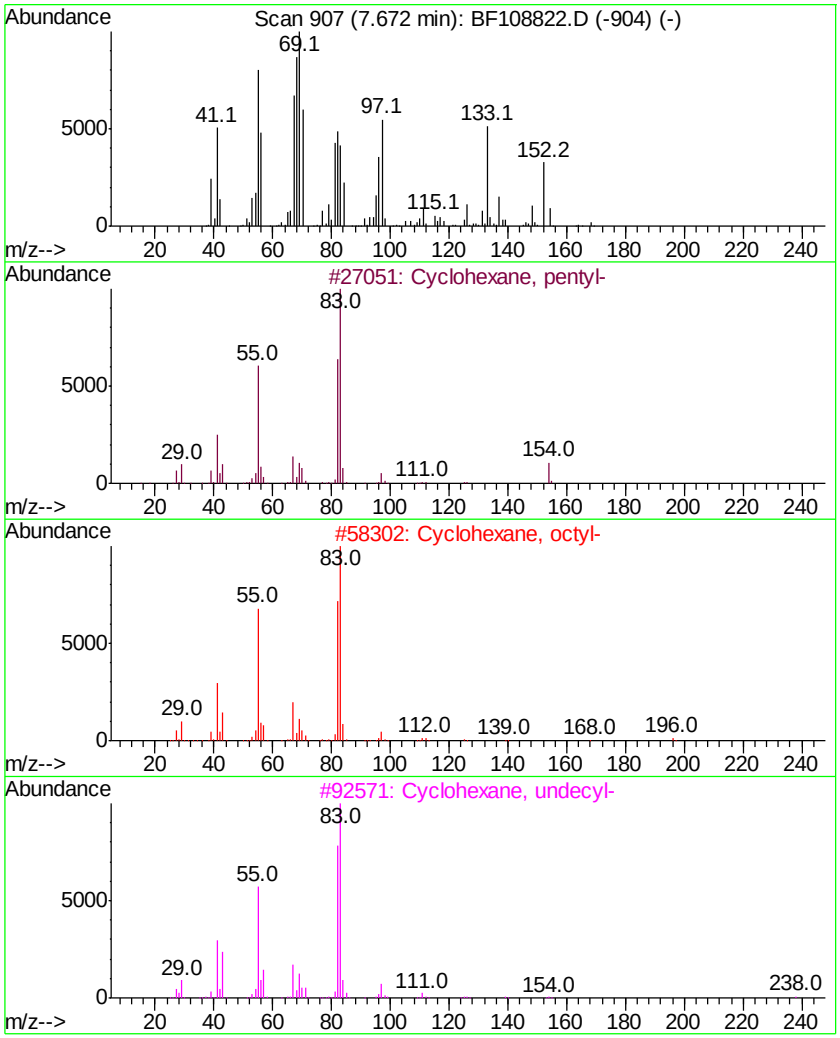
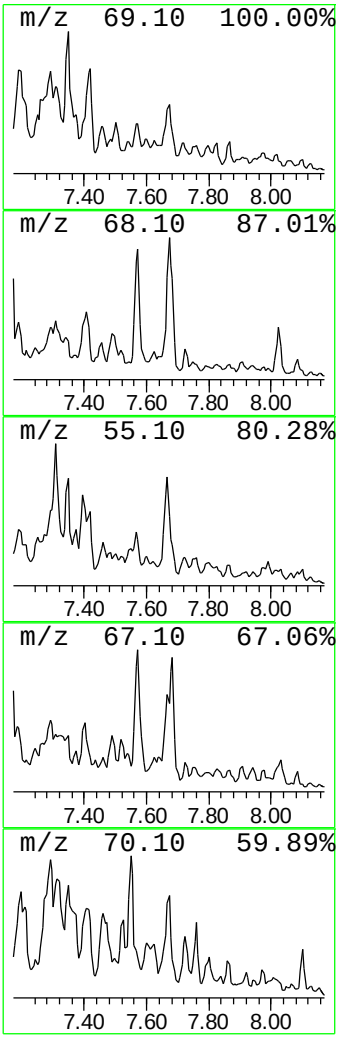
Peak Number 18 Cyclohexane, pentyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	29.10 ng	9108670	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	76
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	59
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	59
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	53





Library Search Compound Report

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Data File : BF108822.D
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Operator : JU/SJ
Sample : J4724-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-SUT-8USTS-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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 19 Benzene, (2-methyl-1-butenyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	29.82 ng	9331960	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	66
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	35
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	35
4	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	35
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	35