LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086891.D
Acq On : 11 May 2016 9:57
Operator : UM/SJ
Sample : H2961-04 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARK-ST-ESMI-6

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-BF050916.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	5.276	277	279	288	rBV	568029	737299	8.17%	0.310%
2	5.916	333	335	338	rVB	454003	662479	7.34%	0.279%
3	6.201	355	360	364	rVB5	685459	1856354	20.57%	0.782%
4	6.270	364	366	369	rBV2	672376	797836	8.84%	0.336%
5	6.339	371	372	376	rVB3	539610	943542	10.45%	0.397%
6	6.419	376	379	381	rBV2	365948	666186	7.38%	0.280%
7	6.453	381	382	385	rVB	761704	841900	9.33%	0.354%
8	6.499	385	386	390	rVB3	509242	951456	10.54%	0.401%
9	6.682	400	402	403	rBV2	1054868	1217021	13.48%	0.512%
10	6.704	403	404	406	rVB2	1575535	1208248	13.39%	0.509%
11	6.739	406	407	410	rBV2	608613	789363	8.75%	0.332%
12	6.830	414	415	420	rVB2	1353723	2940631	32.58%	1.238%
13	6.967	420	427	429	rBV2	1347494	3024002	33.51%	1.273%
14	7.002	429	430	432	rBV2	1104826	1306090	14.47%	0.550%
15	7.036	432	433	435	rVB	1135620	915908	10.15%	0.386%
16	7.082	435	437	439	rBV	1683247	1985113	21.99%	0.836%
17	7.184	442	446	447	rBV	385752	952491	10.55%	0.401%
18	7.230	447	450	451	rBV2	1177614	1596351	17.69%	0.672%
19	7.253	451	452	456	rVB3	698496	1079356	11.96%	0.454%
20	7.344	456	460	461	rVB3	824409	1597850	17.70%	0.673%
21	7.413	461	466	467	rBV2	1065875	2145193	23.77%	0.903%
22	7.459	467	470	471	rBV3	516085	929540	10.30%	0.391%
23	7.493	471	473	475	rVB2	1916226	2573423	28.51%	1.083%
24	7.539	475	477	479	rBV2	274002	530764	5.88%	0.223%
25	7.596	479	482	484	rBV3	1786665	3417573	37.87%	1.439%
26	7.664	486	488	490	rVB	1298495	1605571	17.79%	0.676%
27	7.699	490	491	492	rBV	1132204	1239953	13.74%	0.522%
28	7.779	497	498	502	rVV4	1787037	3256410	36.08%	1.371%
29	7.859	502	505	508	rVV3	831508	2552665	28.28%	1.075%
30	7.939	508	512	513	rVV3	1341931	3738290	41.42%	1.574%
31	7.973	513	515	516	rVV2	2601712	4411114	48.87%	1.857%
32	8.007	516	518	519	rVV	6735091	9025315	100.00%	3.800%
33	8.053	519	522	523	rVV	4346807	6894685	76.39%	2.903%
34	8.145	527	530	531	rVV3	1181105	2346615	26.00%	0.988%

LSC Area Percent Report

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Sample : H2961-04 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARK-ST-ESMI-6

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-BF050916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.179	531	533	535	rVV2	1477113	2621090	29.04%	1.104%
36	8.213	535	536	537	rVV	898817	1051985	11.66%	0.443%
37	8.270	537	541	545	rVV6	2931051	8639874	95.73%	3.638%
38	8.327	545	546	548	rVV	2313740	3132596	34.71%	1.319%
39	8.362	548	549	551	rVV2	1466554	2324828	25.76%	0.979%
40	8.407	551	553	557	rVV	4920124	8738330	96.82%	3.679%
41	8.476	557	559	561	rVV2	1281304	2582739	28.62%	1.087%
42	8.522	561	563	564	rVV2	1184378	2267485	25.12%	0.955%
43	8.579	566	568	570	rVV3	1411114	3654389	40.49%	1.539%
44	8.636	572	573	574	rVV	2134566	2341599	25.94%	0.986%
45	8.693	574	578	579	rVV2	4196996	7793094	86.35%	3.281%
46	8.750	579	583	584	rVV4	1027200	3319753	36.78%	1.398%
47	8.785	584	586	588	rVV2	3372218	5676029	62.89%	2.390%
48	8.819	588	589	591	rVV2	894192	1756494	19.46%	0.740%
49	8.887	591	595	599	rVV4	2320778	8067036	89.38%	3.396%
50	8.945	599	600	602	rVV2	946697	1813503	20.09%	0.764%
51	9.002	603	605	607	rVV	3505926	5622244	62.29%	2.367%
52	9.047	607	609	611	rVV	1233864	2441361	27.05%	1.028%
53	9.150	614	618	620	rVV2	2831892	5650939	62.61%	2.379%
54	9.185	620	621	623	rVV2	1396122	2393593	26.52%	1.008%
55	9.242	625	626	629	rVV2	2072759	3594739	39.83%	1.514%
56	9.322	629	633	635	rVV2	2094192	4690664	51.97%	1.975%
57	9.390	635	639	640	rVV	2892178	4739487	52.51%	1.995%
58	9.459	643	645	646	rVV	4450960	4527338	50.16%	1.906%
59	9.505	646	649	651	rVV2	1411212	2944472	32.62%	1.240%
60	9.585	655	656	659	rVV	1485884	1863683	20.65%	0.785%
61	9.630	659	660	662	rVV	787068	1046824	11.60%	0.441%
62	9.665	662	663	665	rVV	453648	827359	9.17%	0.348%
63	9.722	665	668	669	rVV3	1617195	3034973	33.63%	1.278%
64	9.756	669	671	674	rVV	3652578	5723242	63.41%	2.410%
65	9.836	676	678	680	rVV2	823341	1263137	14.00%	0.532%
66	9.882	680	682	684	rVV3	299428	735553	8.15%	0.310%
67	9.928	684	686	688	rVV	1438732	1731173	19.18%	0.729%
68	9.985	688	691	694	rVB3	770717	1448670	16.05%	0.610%
69	10.042	694	696	697	rBV	647756	724117	8.02%	0.305%
70	10.133	701	704	706	rVV2	314106	699803	7.75%	0.295%
71	10.179	706	708	710	rVV2	480481	638501	7.07%	0.269%

LSC Area Percent Report

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Acq On : 11 May 2016 9:57
Operator : UM/SJ
Sample : H2961-04 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARK-ST-ESMI-6

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-BF050916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.213	710	711	714	rVB3	337532	581753	6.45%	0.245%
73	10.270	714	716	719	rVB	2192716	2358300	26.13%	0.993%
74	10.385	722	726	728	rBV3	1352341	2228369	24.69%	0.938%
75	10.488	734	735	739	rBV3	442751	771452	8.55%	0.325%
76	10.648	746	749	752	rBV	1640118	2268766	25.14%	0.955%
77	10.808	761	763	765	rVV2	371723	646411	7.16%	0.272%
78	11.105	786	789	792	rVB2	988206	1616685	17.91%	0.681%
79	11.231	795	800	802	rBV	5100306	6321572	70.04%	2.662%
80	11.276	802	804	806	rVB	2165768	1892534	20.97%	0.797%
81	11.699	839	841	842	rVV	923311	824234	9.13%	0.347%
82	11.733	842	844	846	rVB	771548	930941	10.31%	0.392%
83	11.813	849	851	856	rVB2	1660551	2409453	26.70%	1.014%
84	11.996	863	867	869	rBV	668589	782243	8.67%	0.329%
85	12.248	886	889	891	rBV	712629	865100	9.59%	0.364%
86	12.282	891	892	895	rVV3	327776	529815	5.87%	0.223%
87	12.408	901	903	906	rBV	2812215	2848753	31.56%	1.199%
88	12.499	910	911	913	rVV	1022223	952930	10.56%	0.401%
89	12.636	920	923	926	rBV	3578001	3946054	43.72%	1.661%
90	12.774	934	935	940	rVB	527091	769731	8.53%	0.324%
91	12.956	948	951	953	rVB	538736	964617	10.69%	0.406%
92	13.151	965	968	970	rVV2	359801	663754	7.35%	0.279%
93	13.825	1024	1027	1028	rVV2	1780861	2757508	30.55%	1.161%
94	13.848	1028	1029	1034	rVV	998105	1280135	14.18%	0.539%
95	14.831	1112	1115	1120	rVV	669169	1421471	15.75%	0.598%
96	15.094	1136	1138	1140	rBV	556034	660383	7.32%	0.278%
97	15.151	1140	1143	1145	rVV	990128	1250343	13.85%	0.526%
98	15.197	1145	1147	1153	rVB2	482190	985742	10.92%	0.415%
99	16.488	1257	1260	1264	rBV	295798	552297	6.12%	0.233%
100	16.877	1290	1294	1302	rVB	260312	570659	6.32%	0.240%

Sum of corrected areas: 237511288

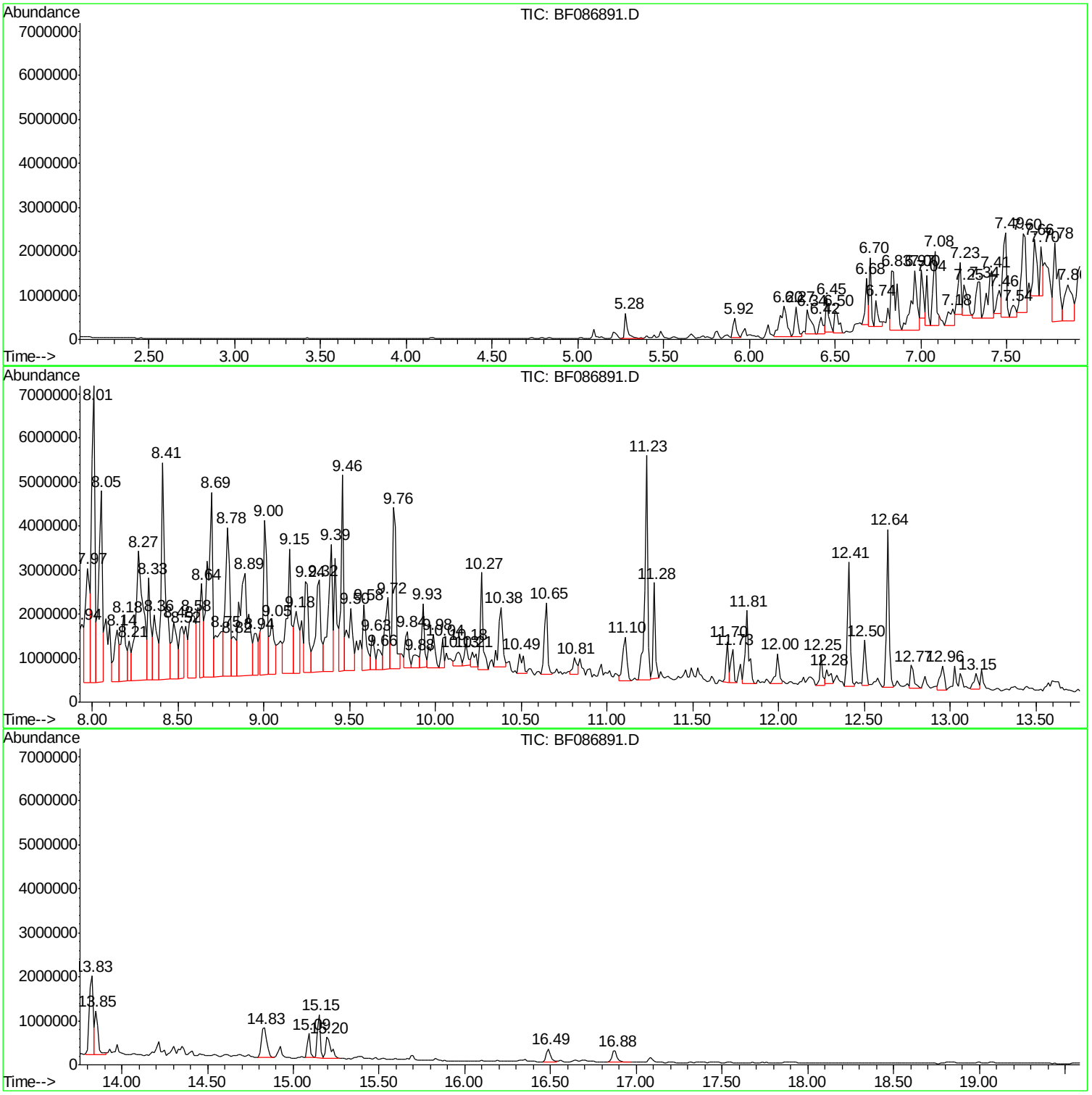
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086891.D
Acq On : 11 May 2016 9:57
Operator : UM/SJ
Sample : H2961-04 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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 F\DATA\BF051016\
Data File : BF086891.D
Acq On : 11 May 2016 9:57
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Sample : H2961-04 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARK-ST-ESMI-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

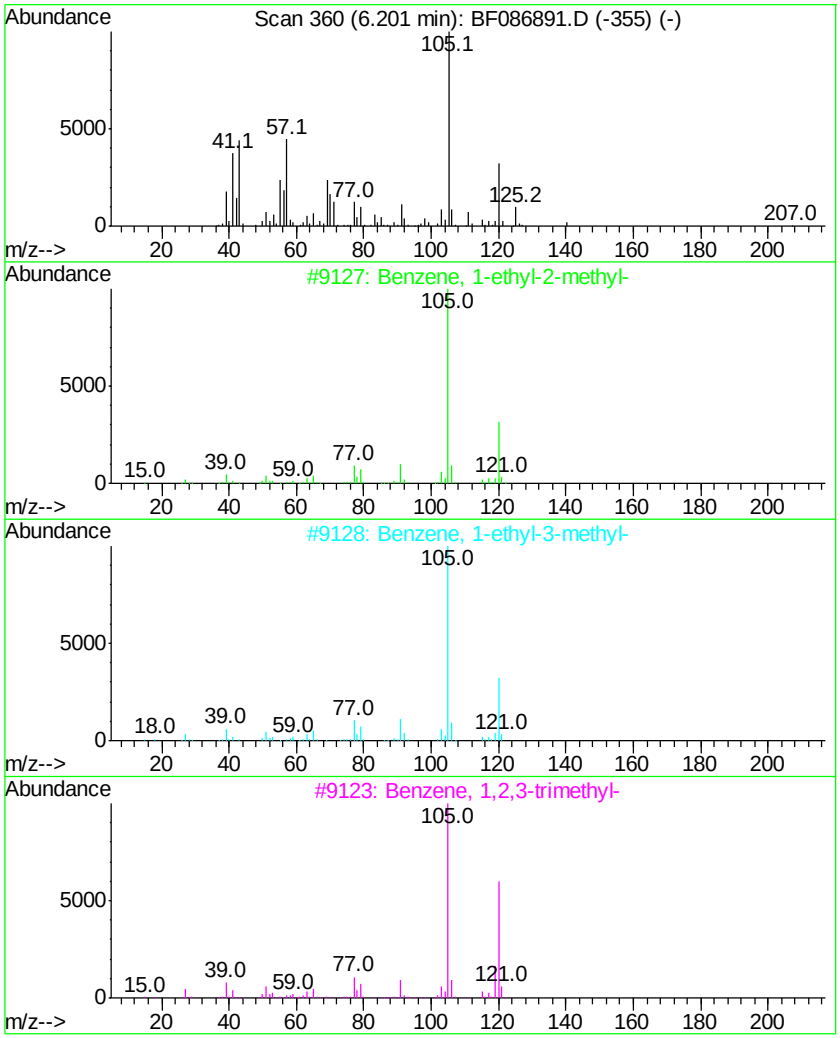
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

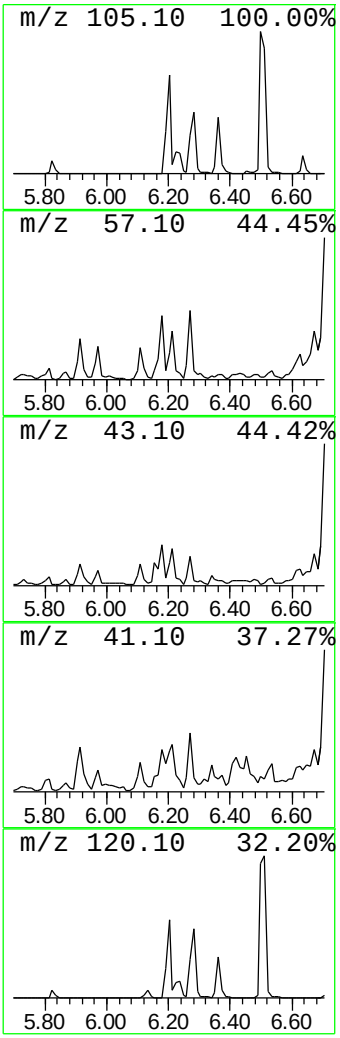
****

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	30.51 ng	1856350	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	70
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	70
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	70





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086891.D
Acq On : 11 May 2016 9:57
Operator : UM/SJ
Sample : H2961-04 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARK-ST-ESMI-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

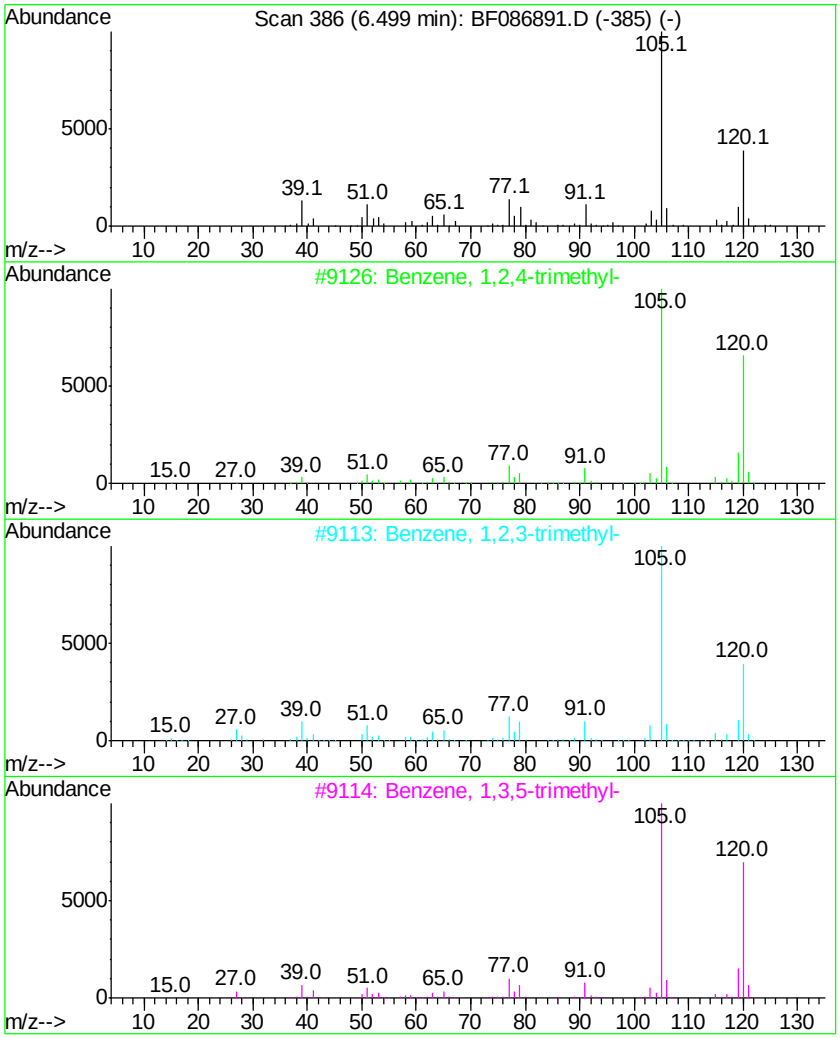
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

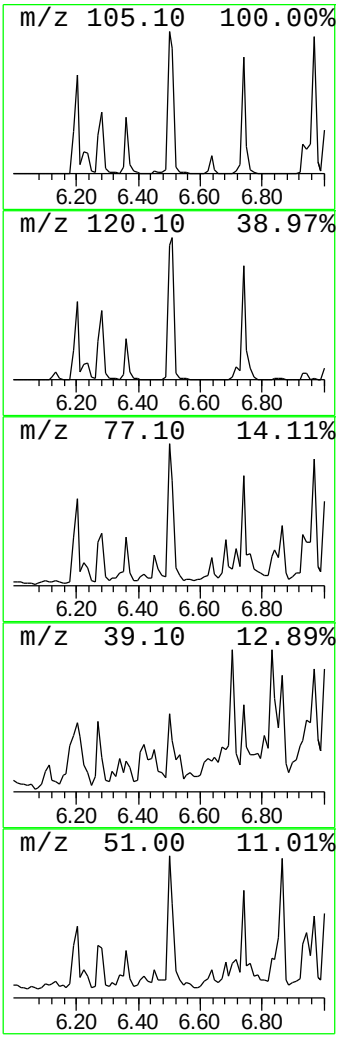
****

Peak Number 2 Benzene, 1,2,4-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	15.64 ng	951456	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
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Acq On : 11 May 2016 9:57
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Sample : H2961-04 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

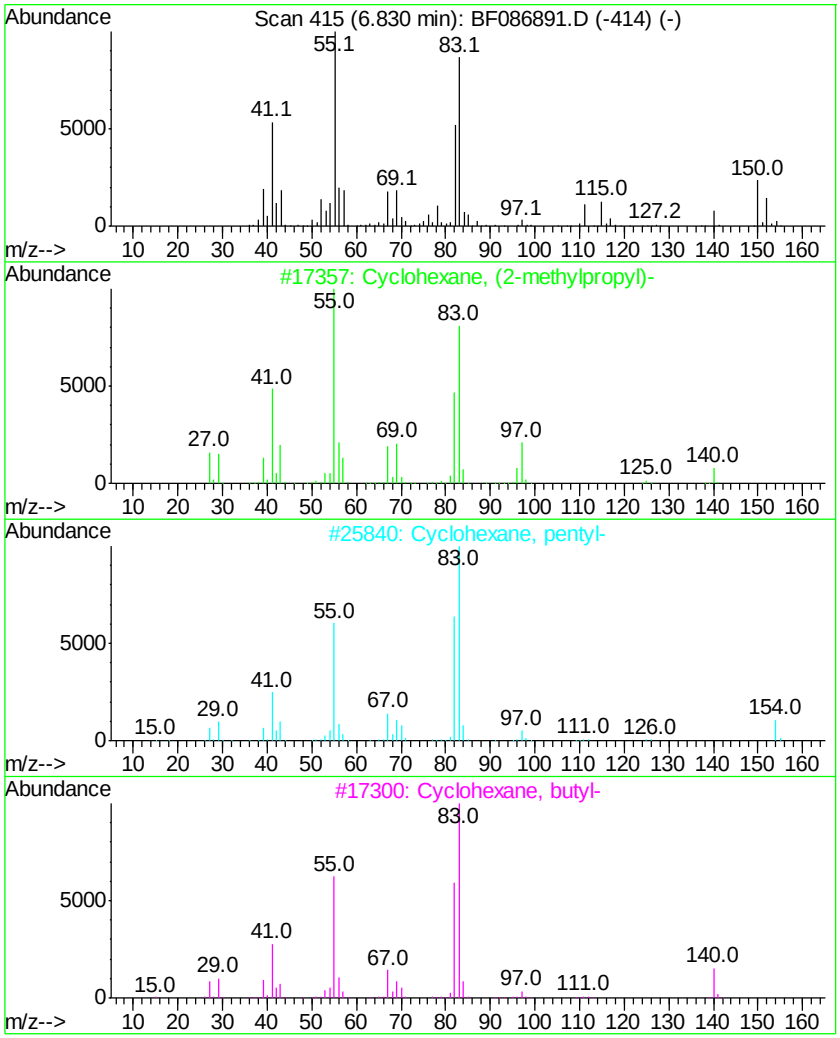
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

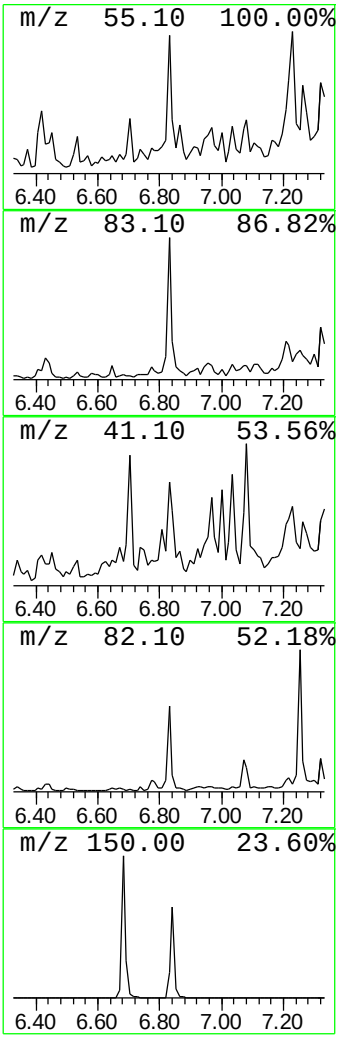
****

Peak Number 3 Cyclohexane, (2-methylpropyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	48.33 ng	2940630	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	76
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	70
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	68
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	58
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086891.D
Acq On : 11 May 2016 9:57
Operator : UM/SJ
Sample : H2961-04 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

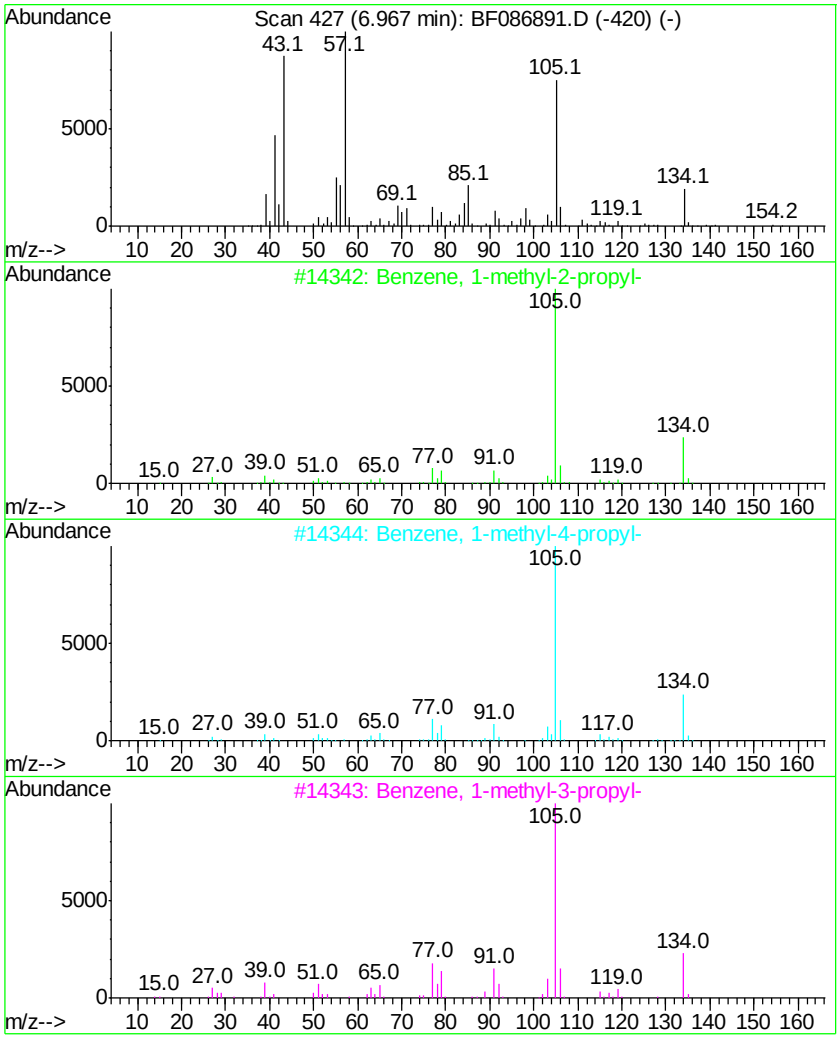
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

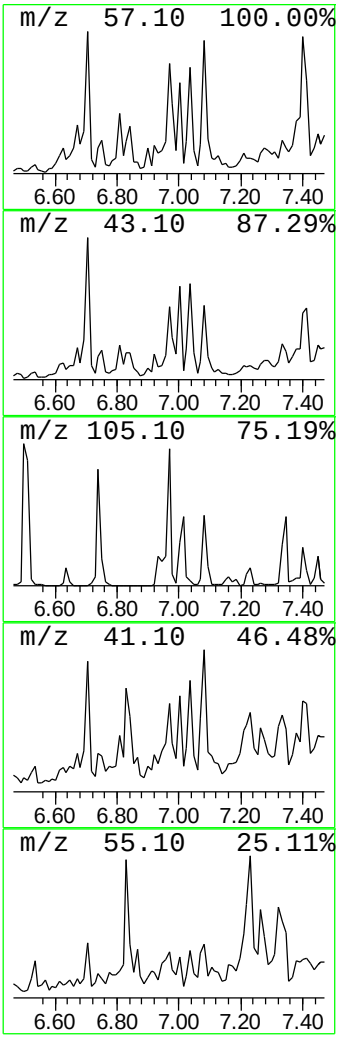
****

Peak Number 4 unknown6.97 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	49.70 ng	3024000	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	42
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	42
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	42
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	38
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086891.D
Acq On : 11 May 2016 9:57
Operator : UM/SJ
Sample : H2961-04 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARK-ST-ESMI-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

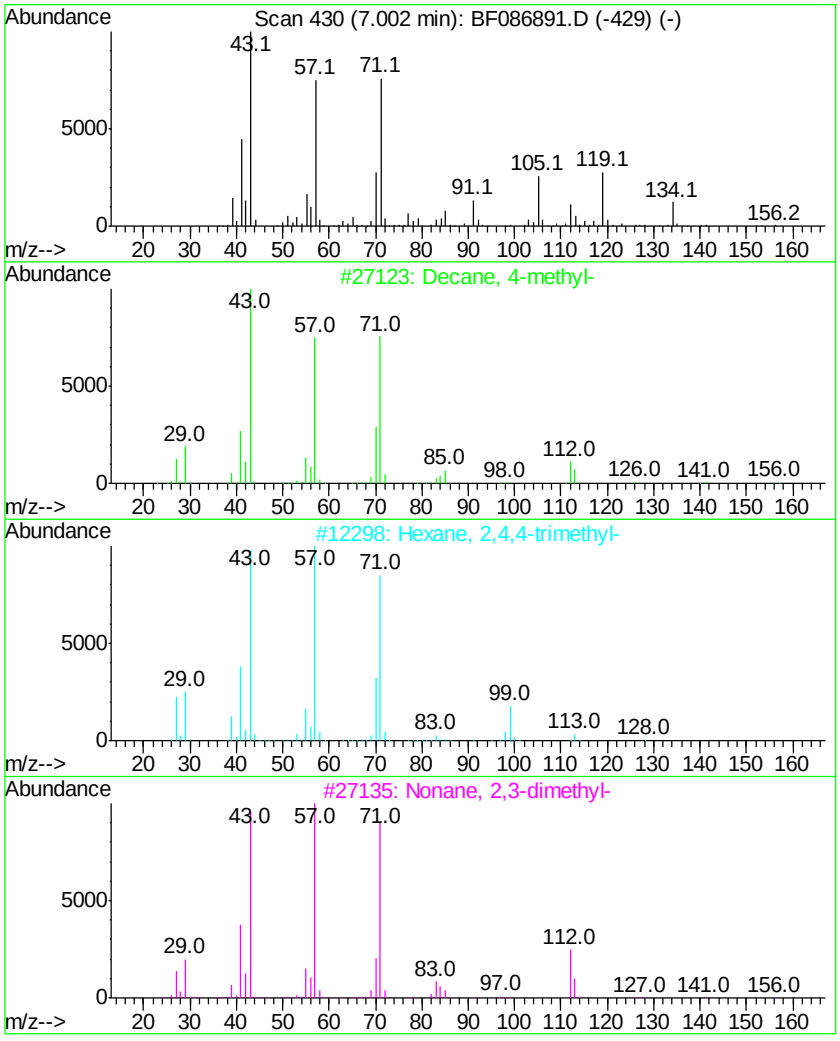
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

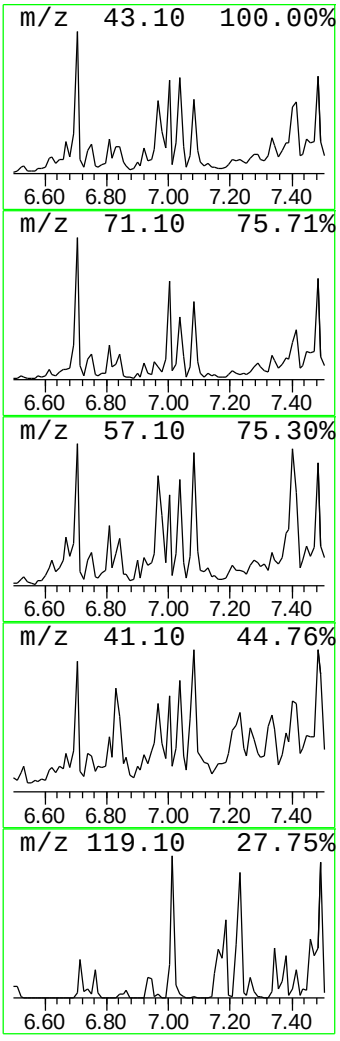
****

Peak Number 5 Decane, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	21.46 ng	1306090	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	93
2	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	47
3	Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	47
4	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	47
5	Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	47





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Operator : UM/SJ
Sample : H2961-04 5X
Misc :
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ClientSampleId : NYSEG-CLARK-ST-ESMI-6

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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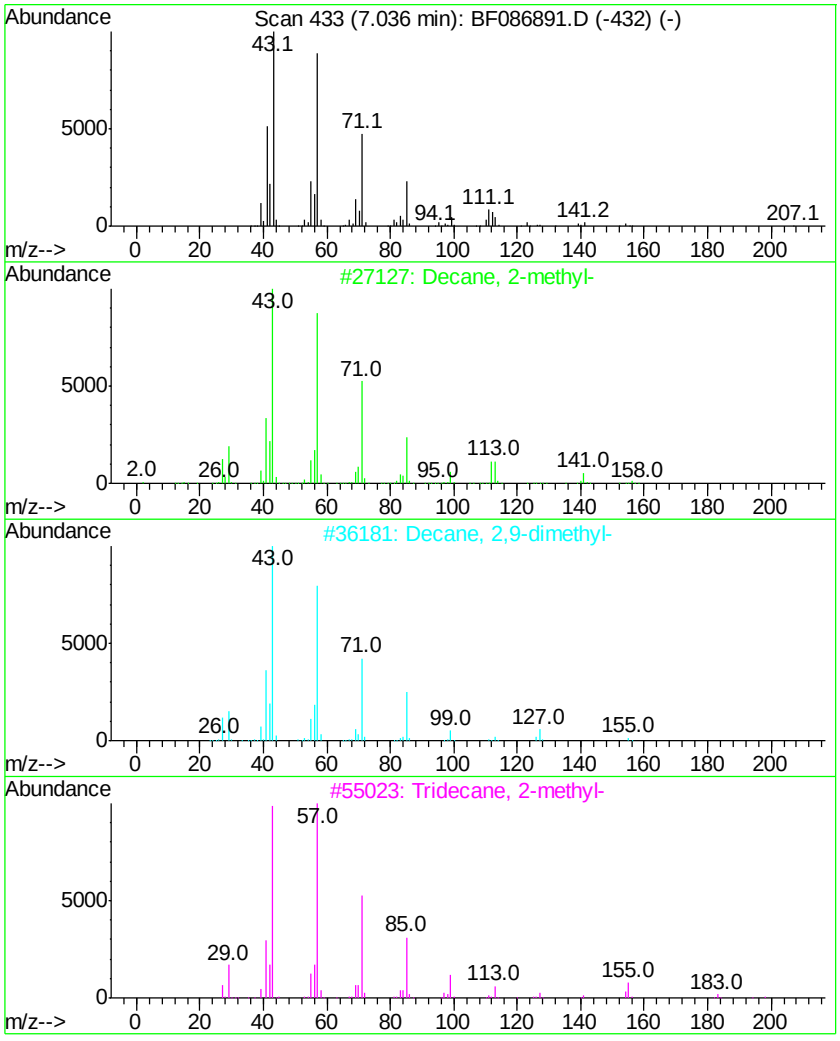
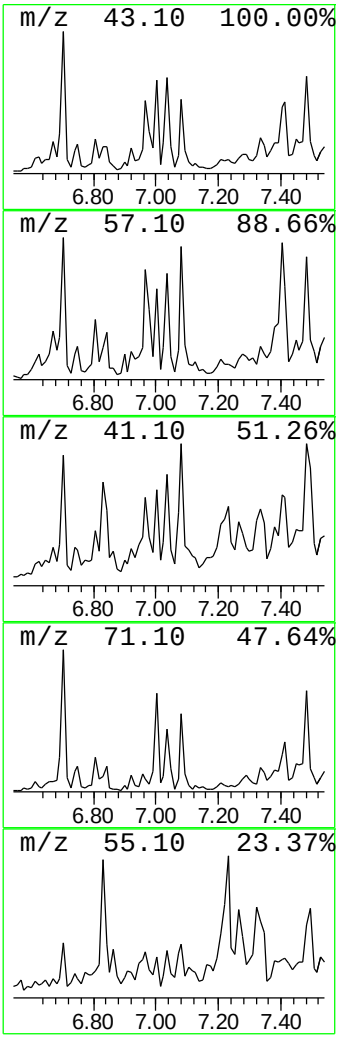
Peak Number 6 Decane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	15.05 ng	915908	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	78
2	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	64
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59





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Instrument : BNA_F
ClientSampleId : NYSEG-CLARK-ST-ESMI-6

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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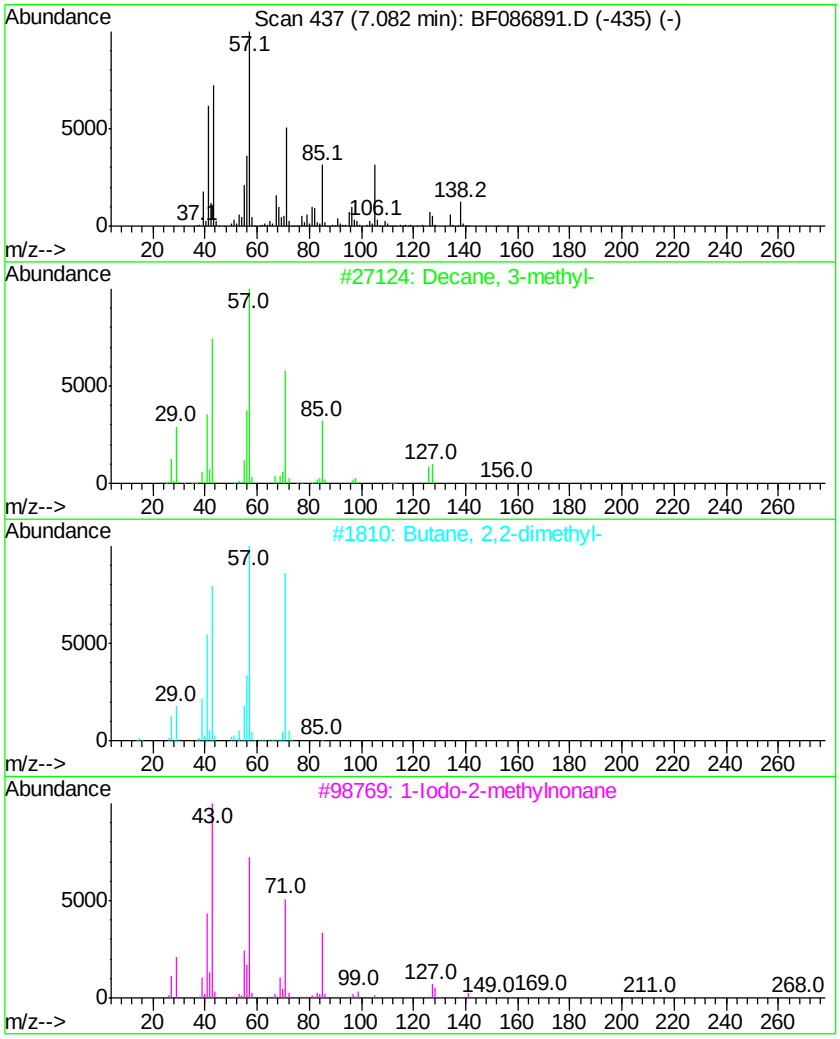
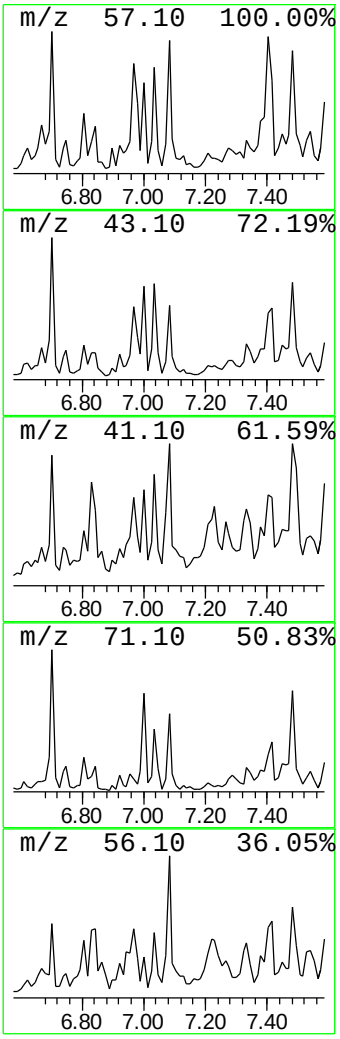
Peak Number 7 Decane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	32.62 ng	1985110	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	53
2	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	43
3	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	43
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	43
5	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000490-99-3	27





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

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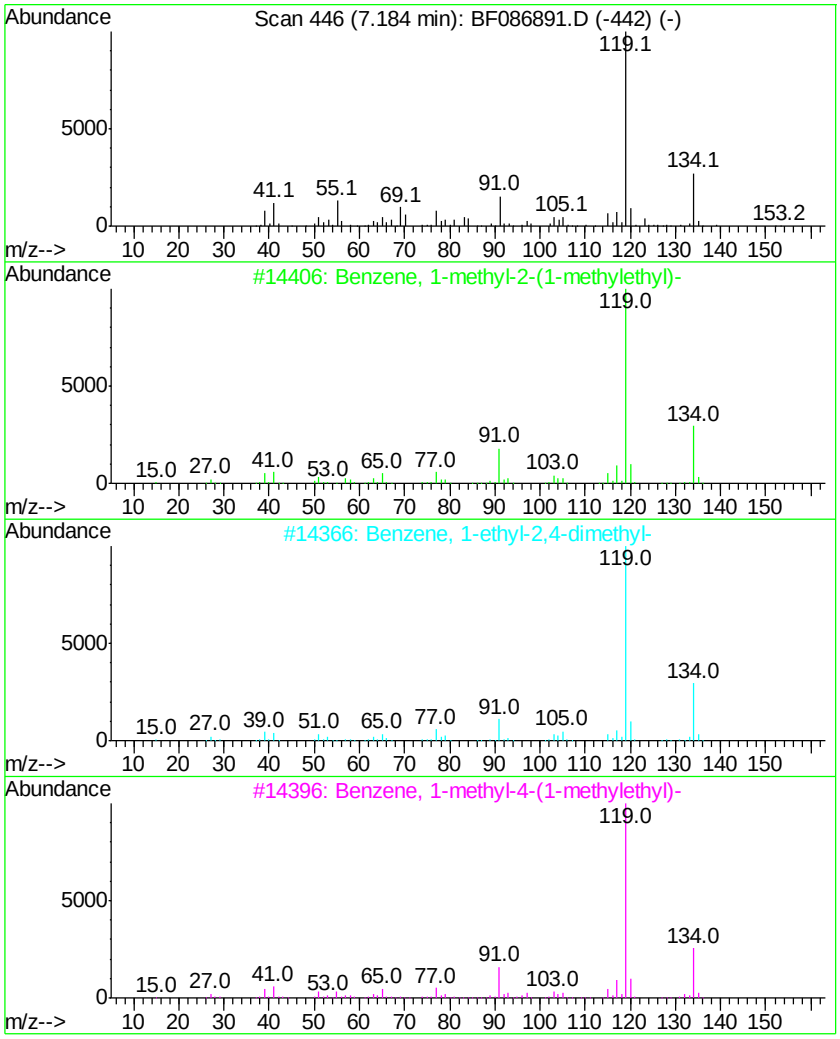
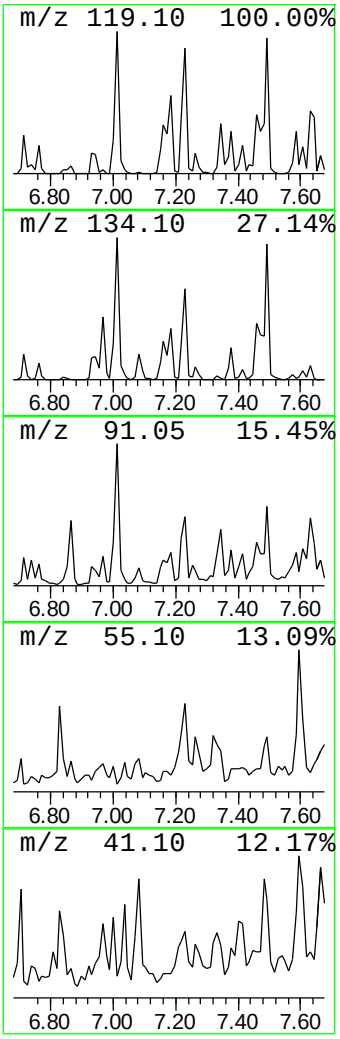
Peak Number 8 Benzene, 1-methyl-2-(1-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	15.65 ng	952491	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	93
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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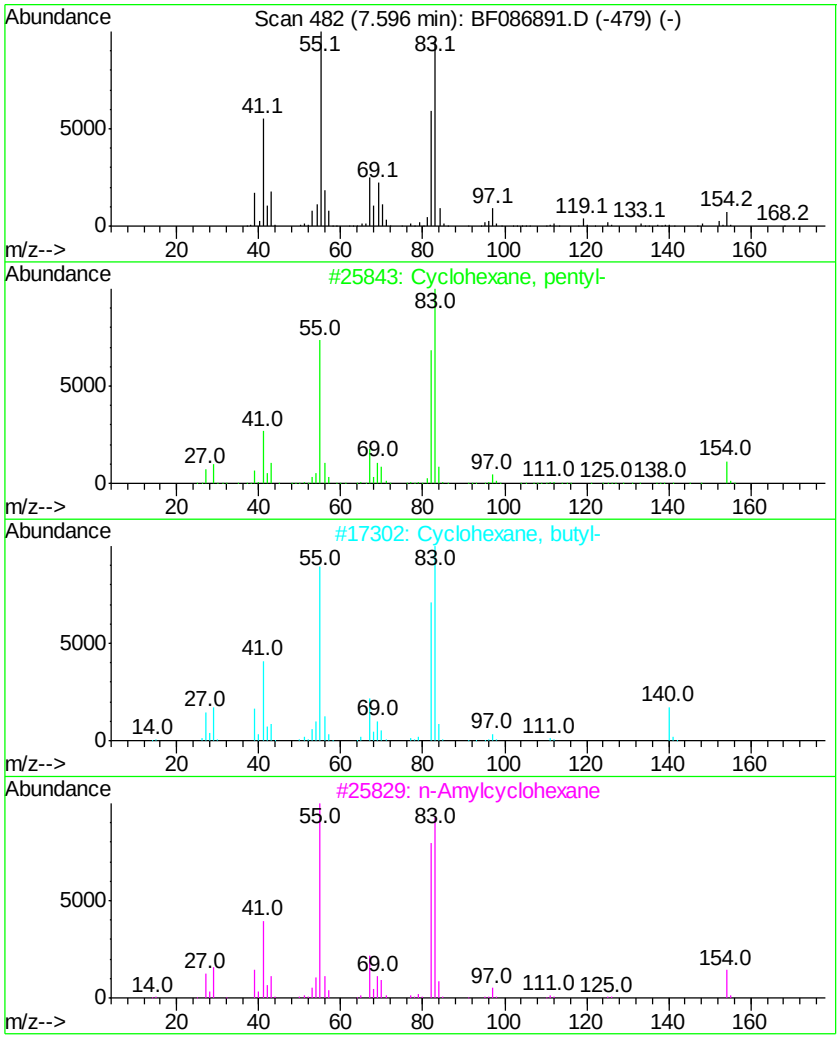
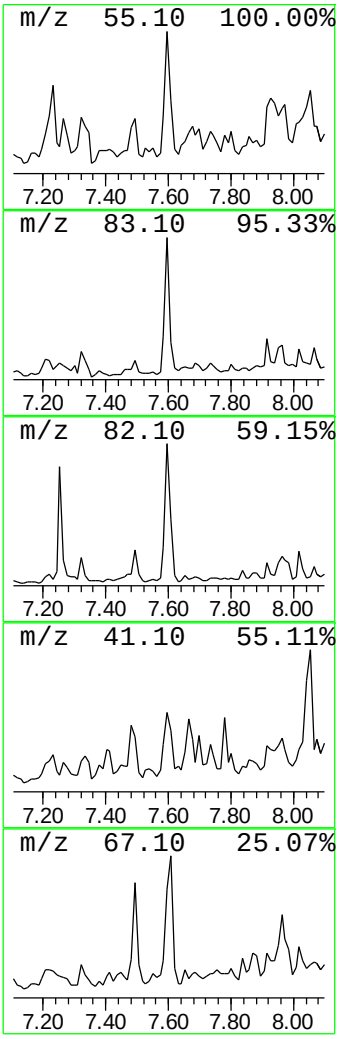
Peak Number 9 Cyclohexane, pentyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	15.50 ng	3417570	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	90
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	78
3	n-Amylcyclohexane	154	C11H22	029949-27-7	72
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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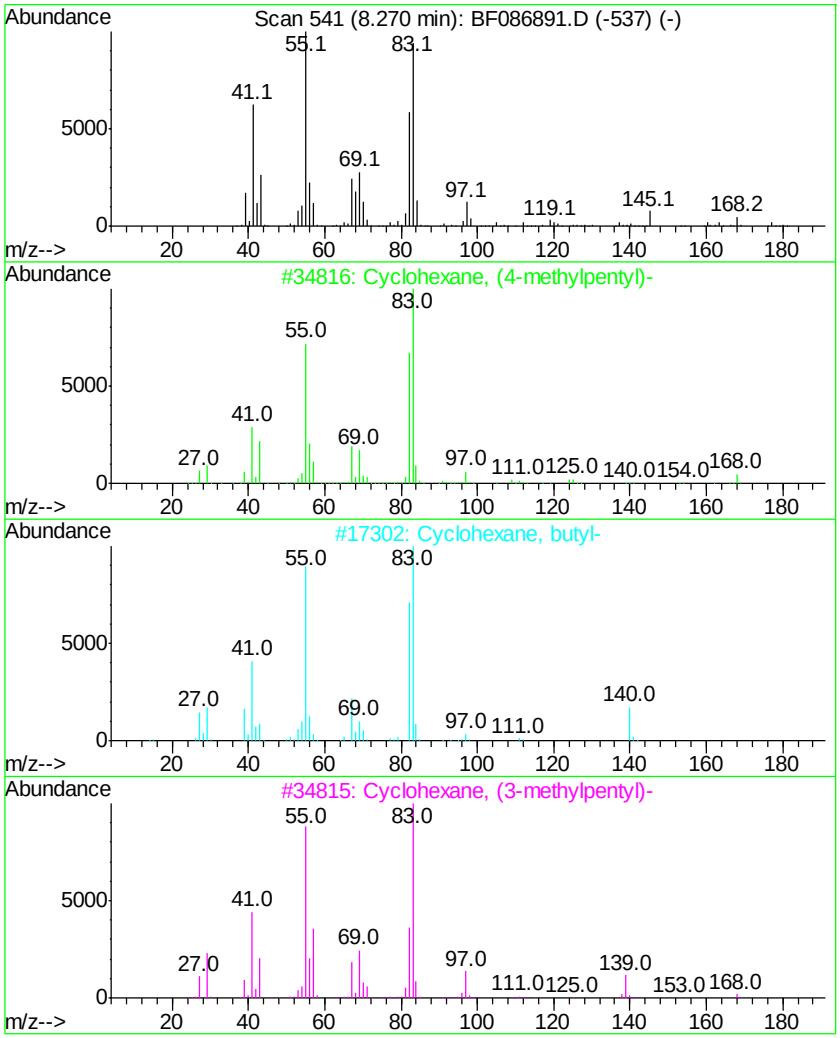
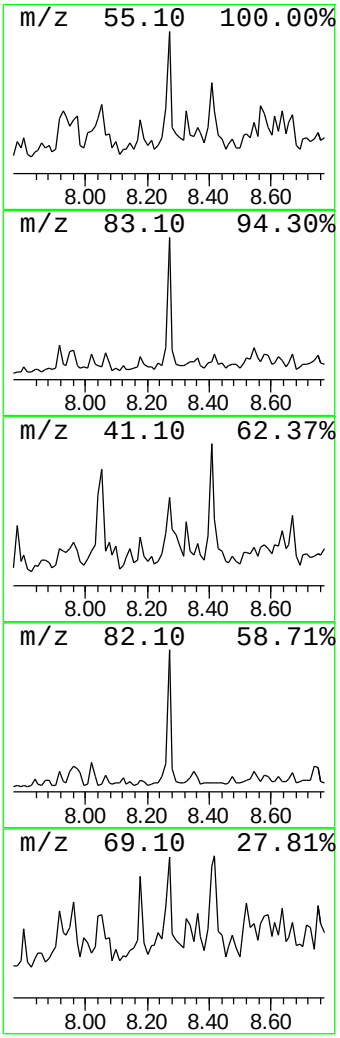
Peak Number 10 Cyclohexane, (4-methylpentyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	39.17 ng	8639870	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	80
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
3	Cyclohexane, (3-methylpentyl)-	168	C12H24	061142-38-9	72
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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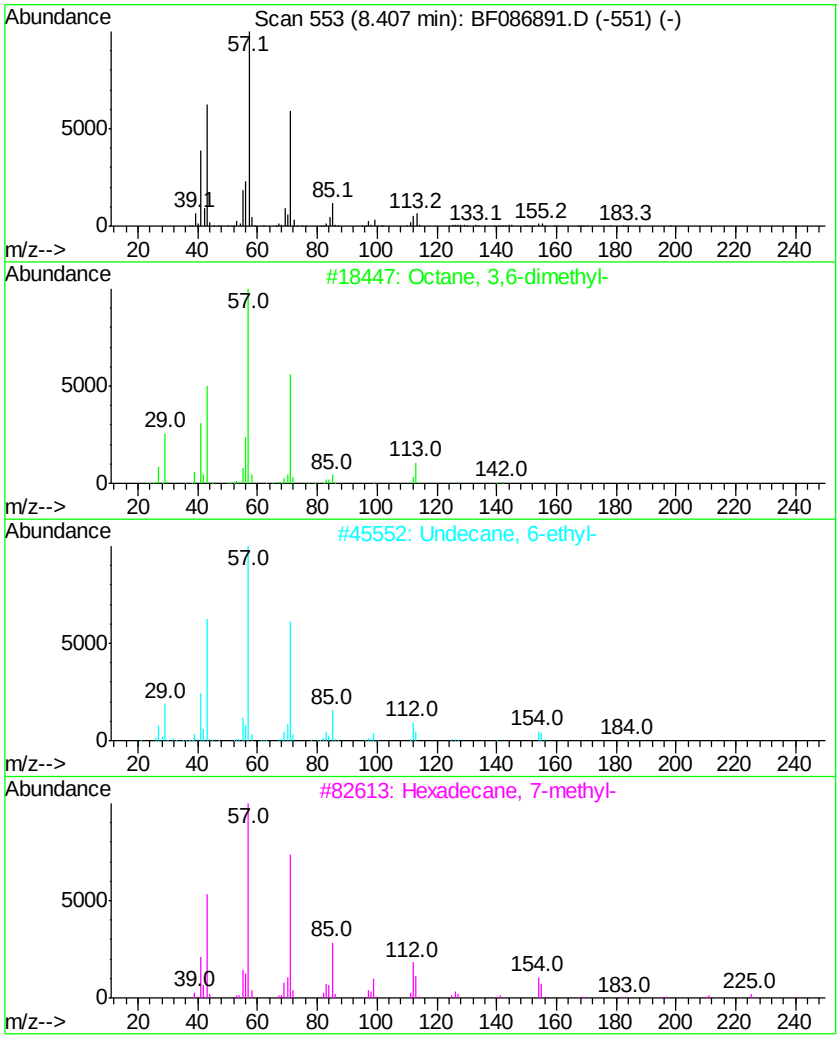
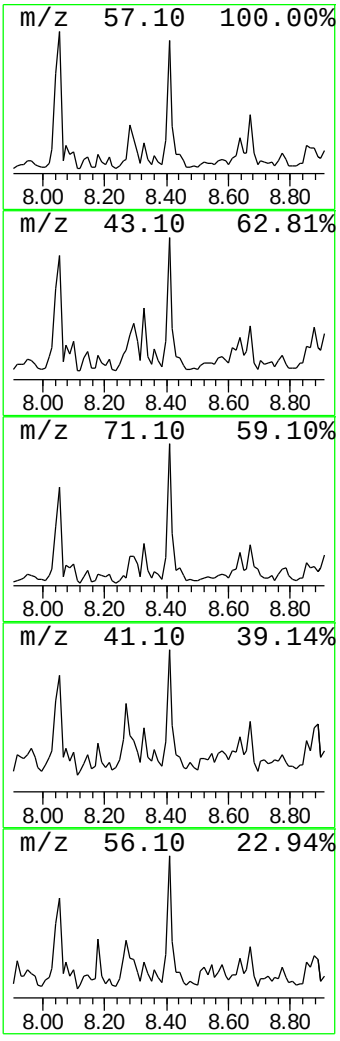
Peak Number 11 Octane, 3,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	39.62 ng	8738330	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	53
3	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	53
4	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	53
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	53





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

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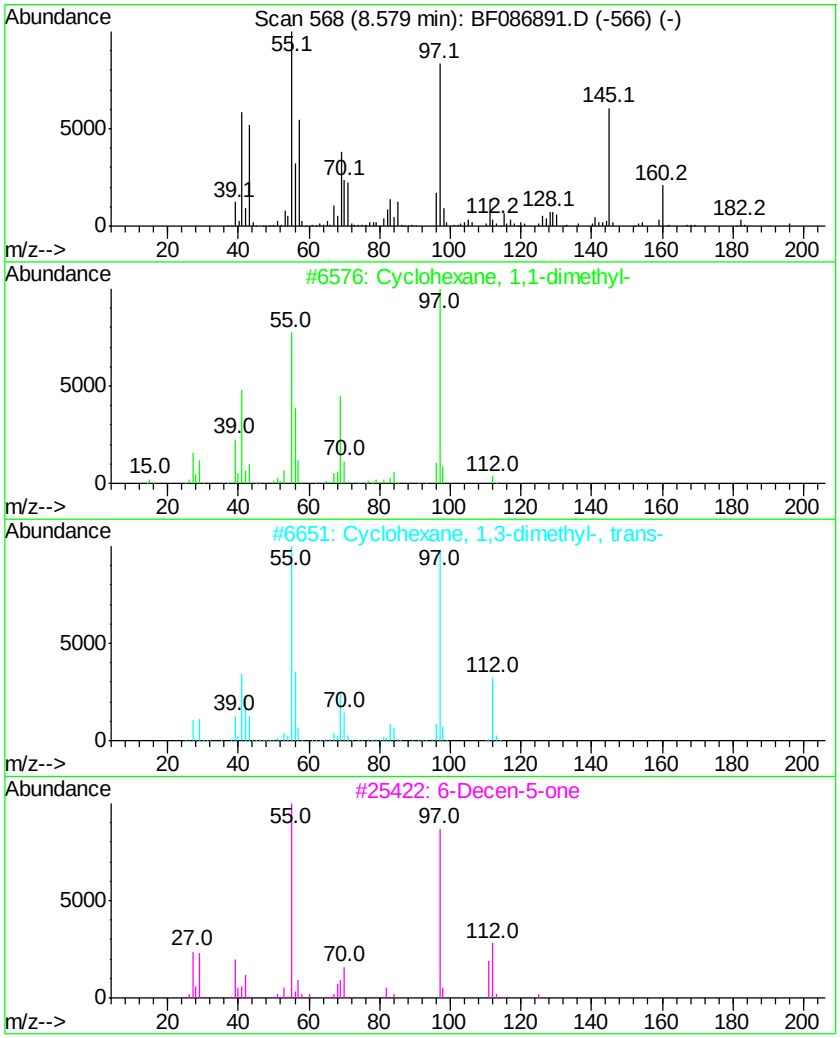
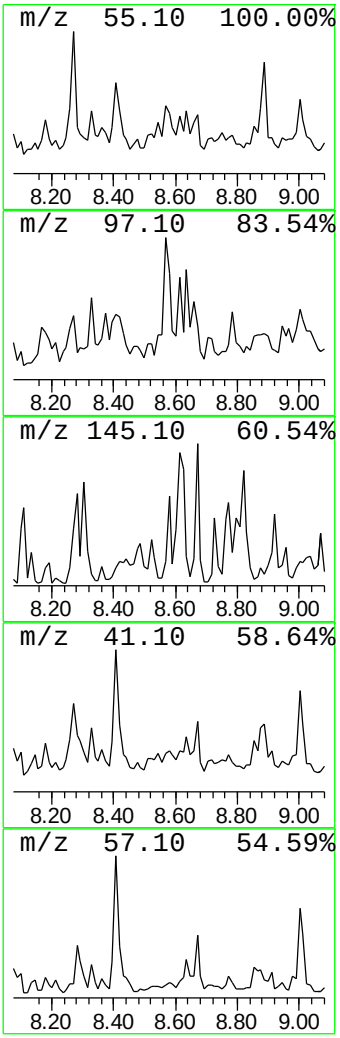
Peak Number 12 Cyclohexane, 1,1-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	16.57 ng	3654390	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	50
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	43
3	6-Decen-5-one	154	C10H18O	032064-79-2	38
4	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	38
5	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	38





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

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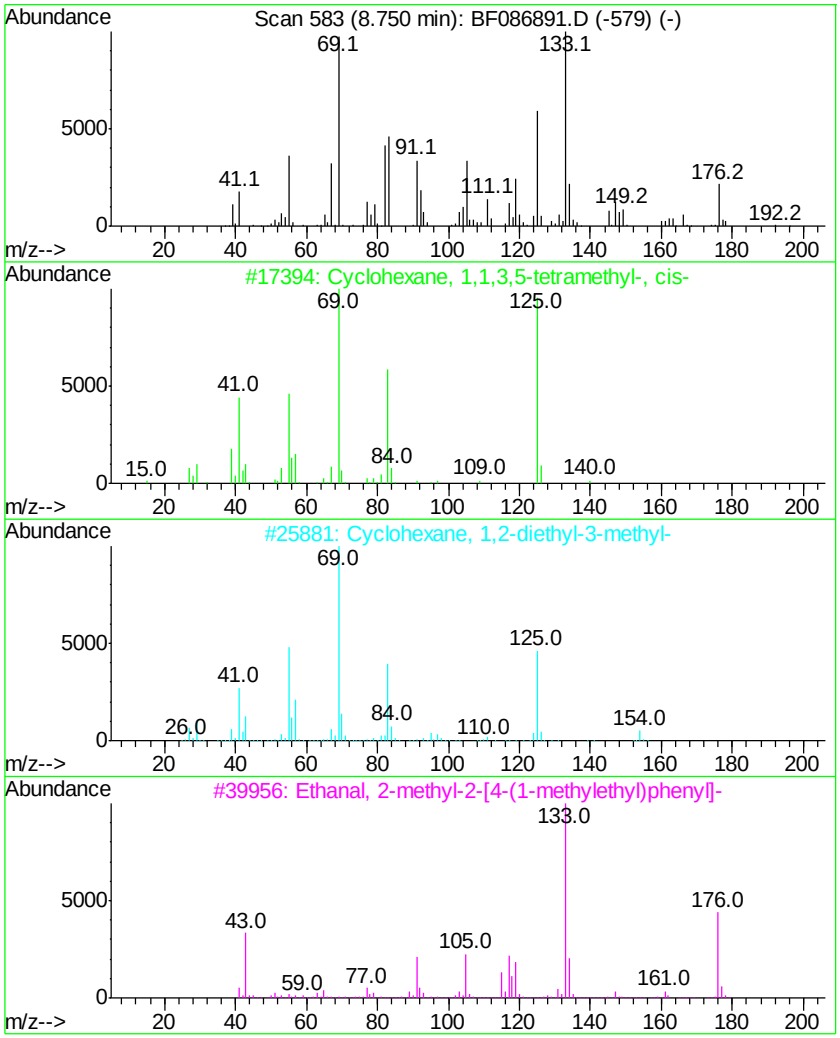
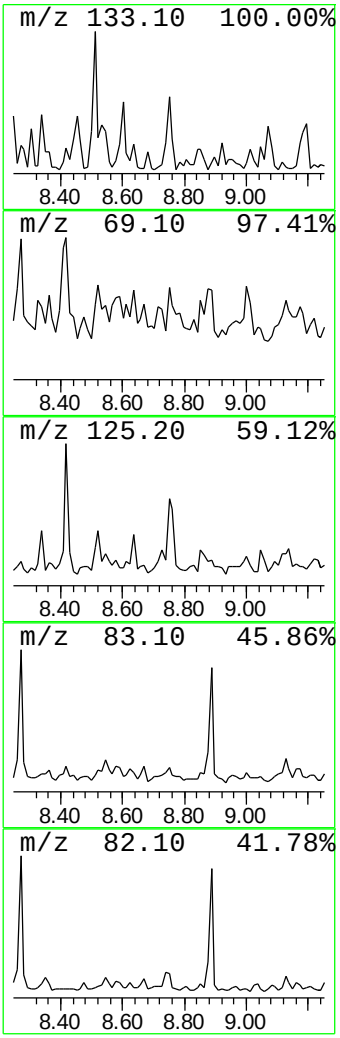
Peak Number 13 unknown8.75 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	15.05 ng	3319750	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	35
2	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	35
3	Ethanal, 2-methyl-2-[4-(1-methyl...	176	C12H16O	1000131-87-5	30
4	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	25
5	1-Phenylcyclohexanol-1	176	C12H16O	001589-60-2	14





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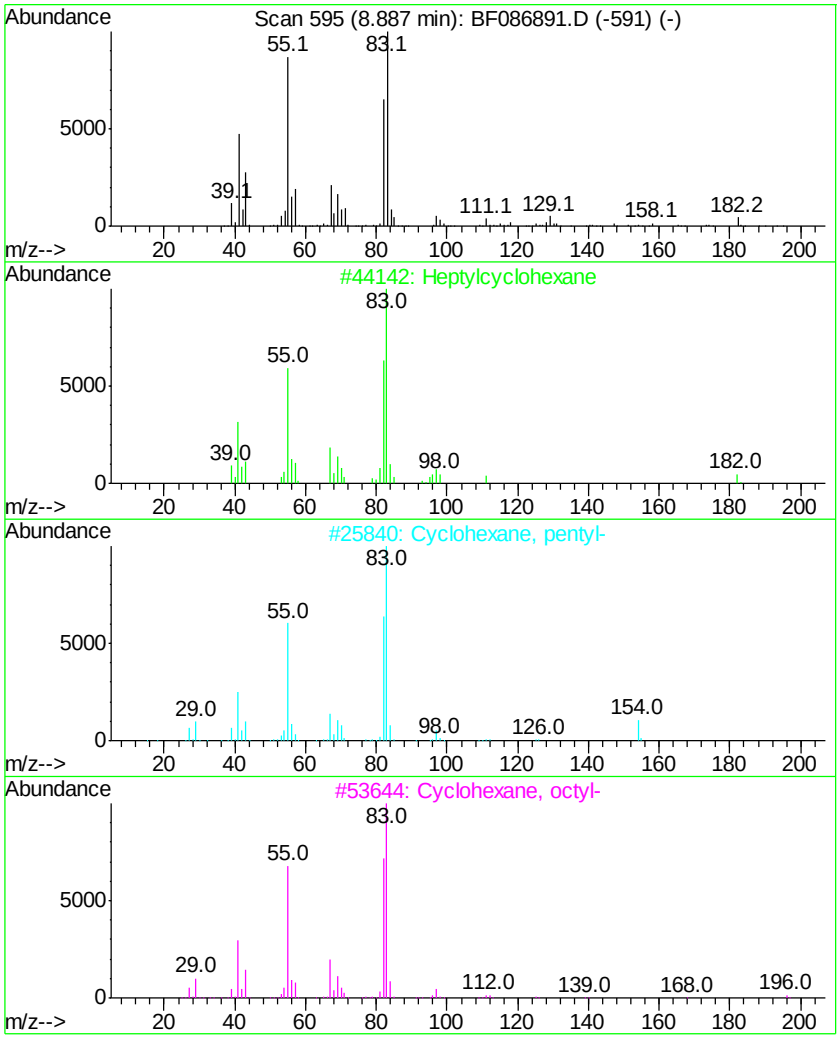
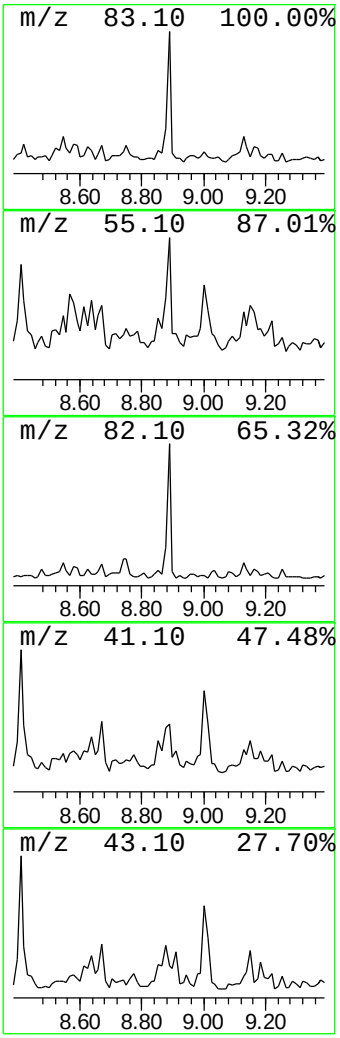
Peak Number 15 Heptylcyclohexane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	53.16 ng	8067040	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	91
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	90
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	86
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	80
5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	78





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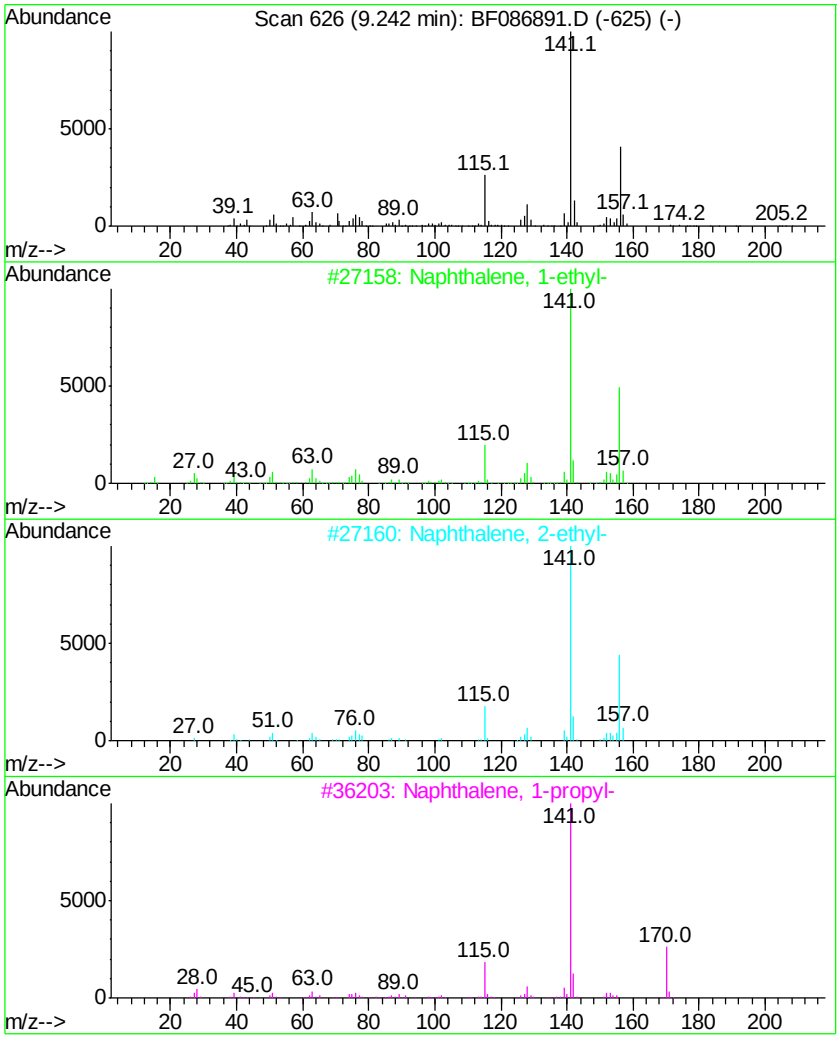
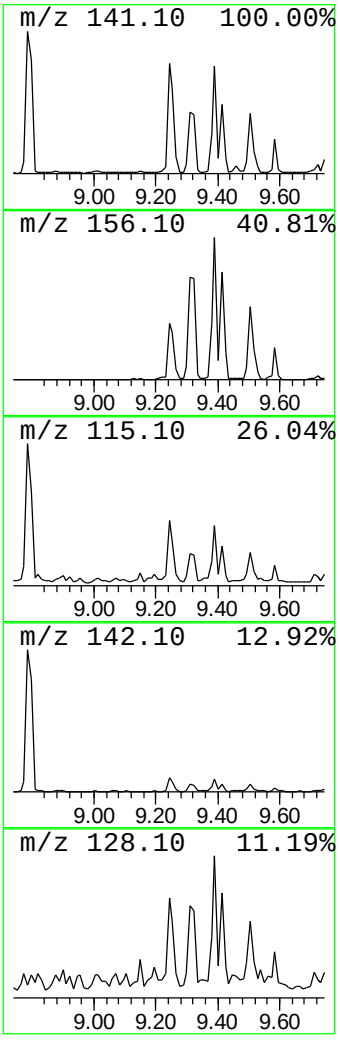
Peak Number 16 Naphthalene, 1-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	23.69 ng	3594740	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	59
4	Methyl phenylphosphinic acid	156	C7H9O2P	004271-13-0	53
5	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	45





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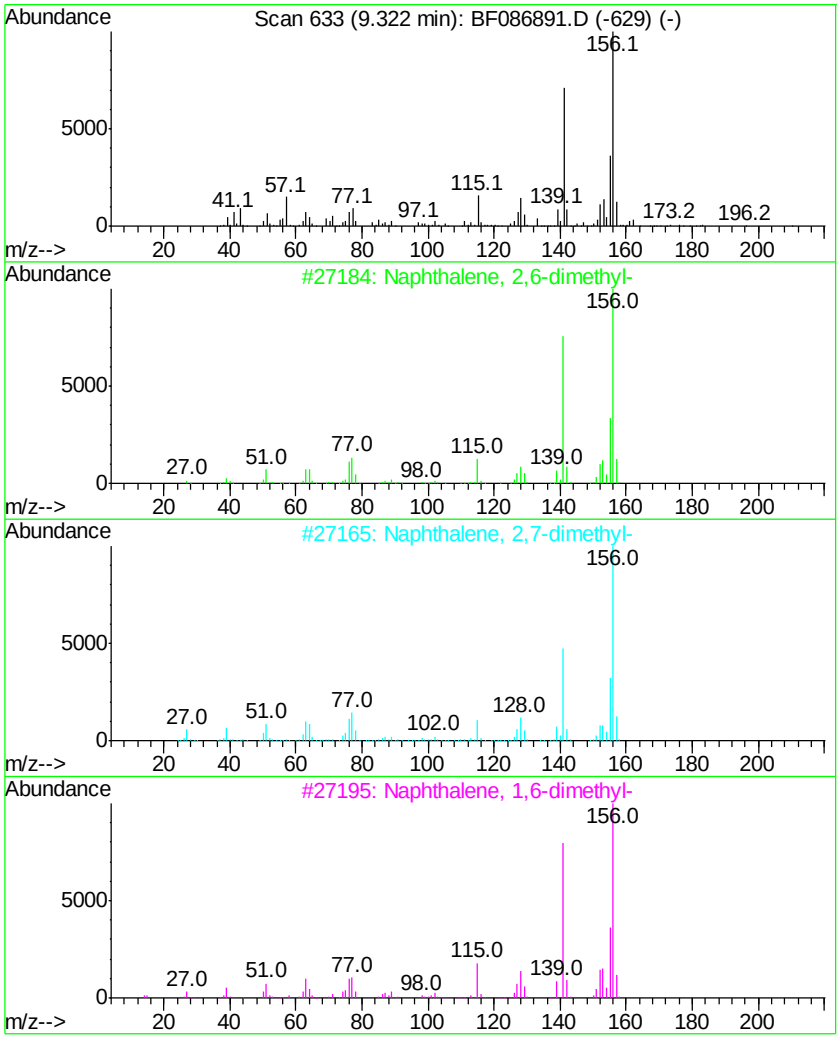
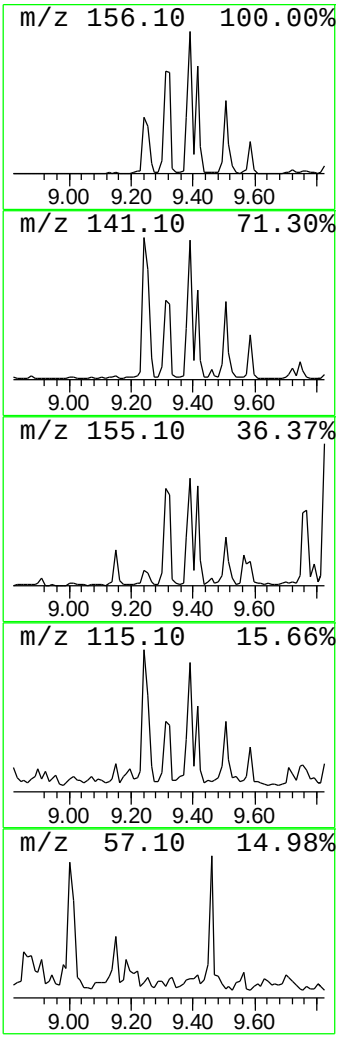
Peak Number 17 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	30.91 ng	4690660	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





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ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARK-ST-ESMI-6

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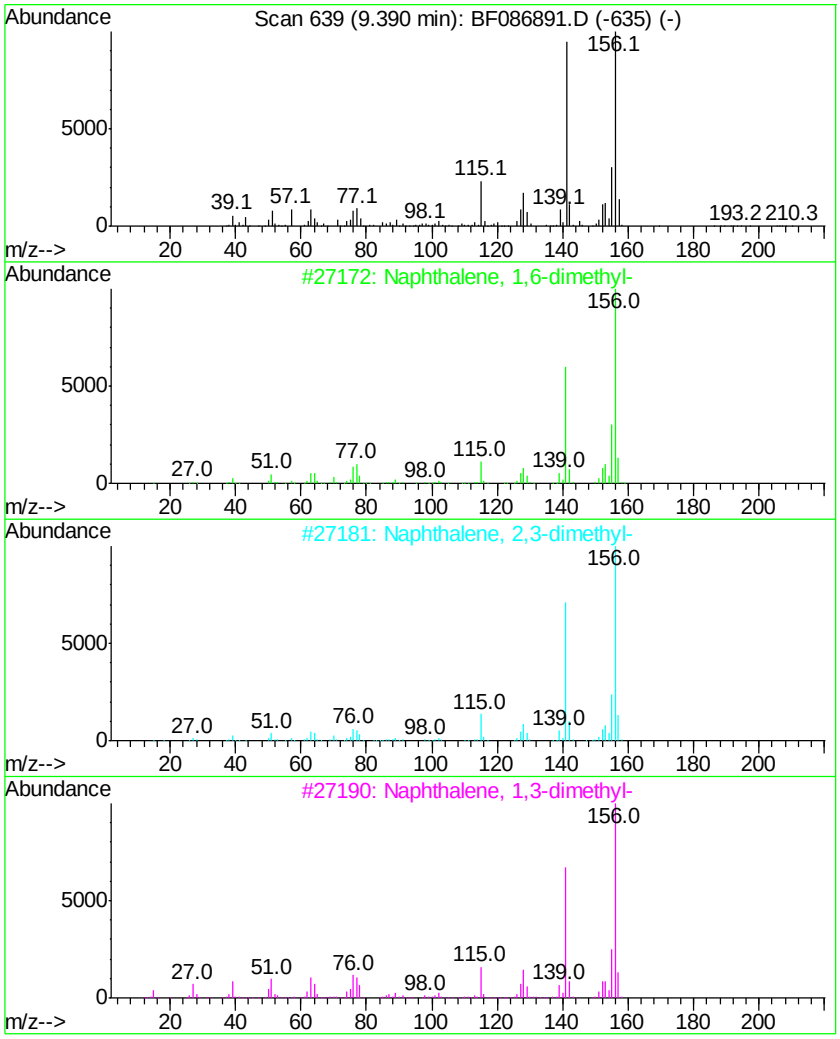
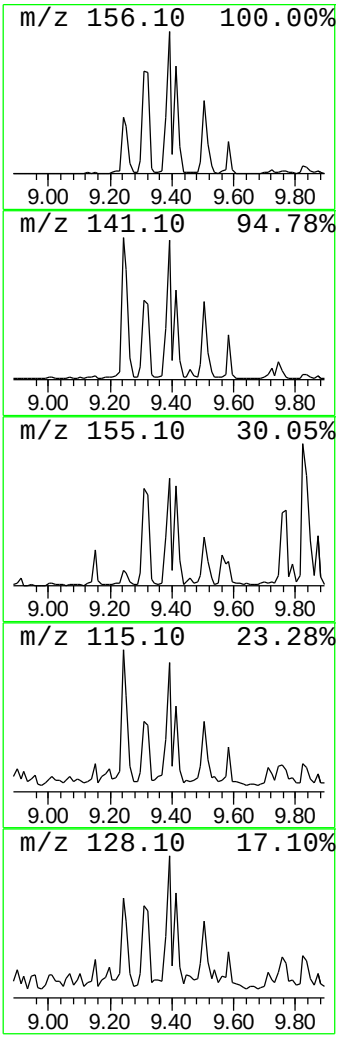
Peak Number 18 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	31.23 ng	4739490	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086891.D
Acq On : 11 May 2016 9:57
Operator : UM/SJ
Sample : H2961-04 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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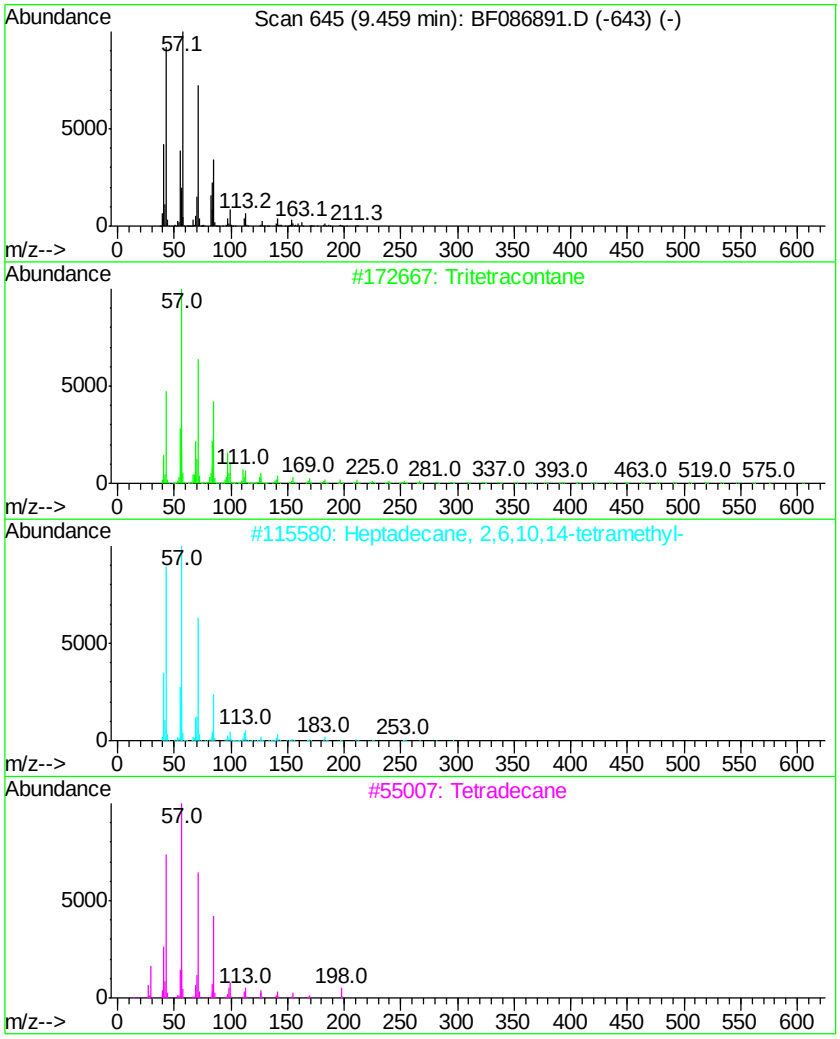
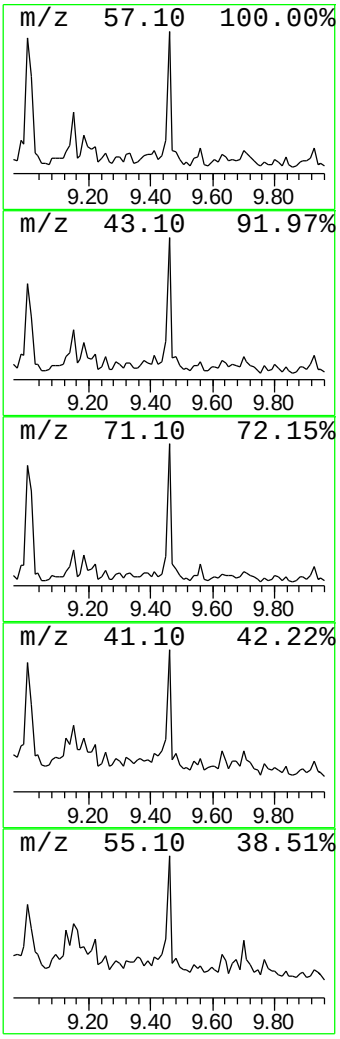
Peak Number 19 Tritetracontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	29.83 ng	4527340	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	86
2	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	80
3	Tetradecane	198	C14H30	000629-59-4	72
4	Dodecane	170	C12H26	000112-40-3	72
5	Hexadecane	226	C16H34	000544-76-3	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086891.D
Acq On : 11 May 2016 9:57
Operator : UM/SJ
Sample : H2961-04 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARK-ST-ESMI-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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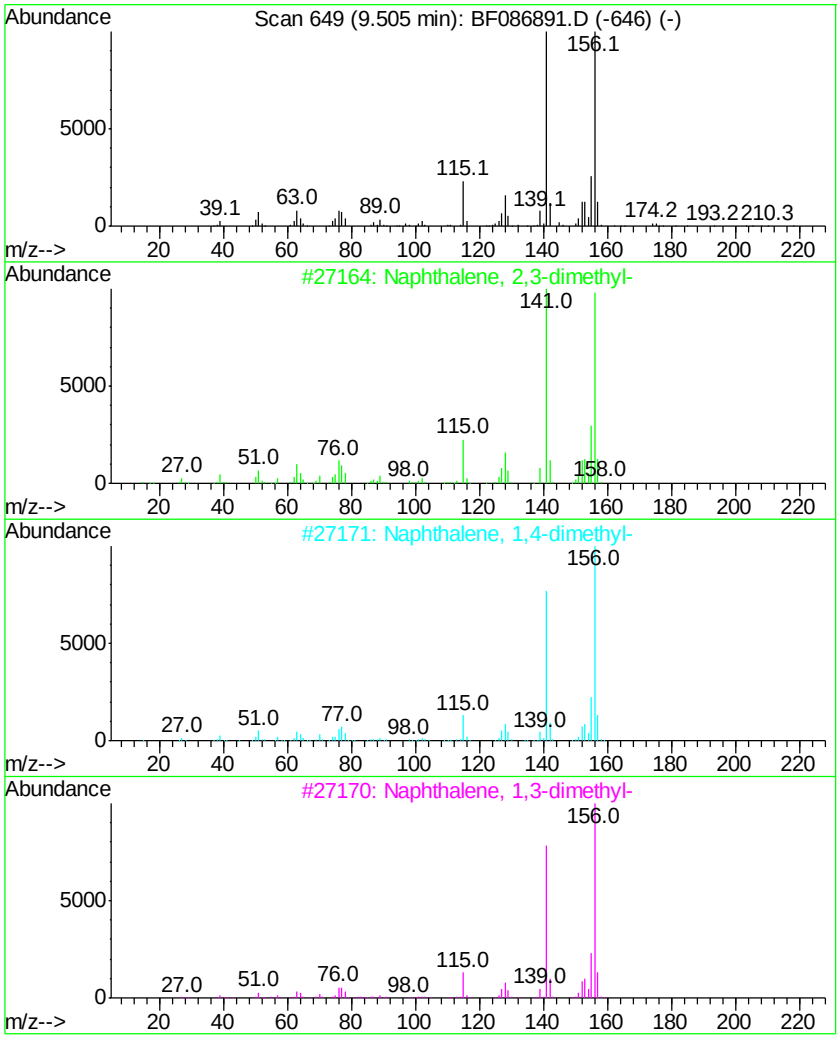
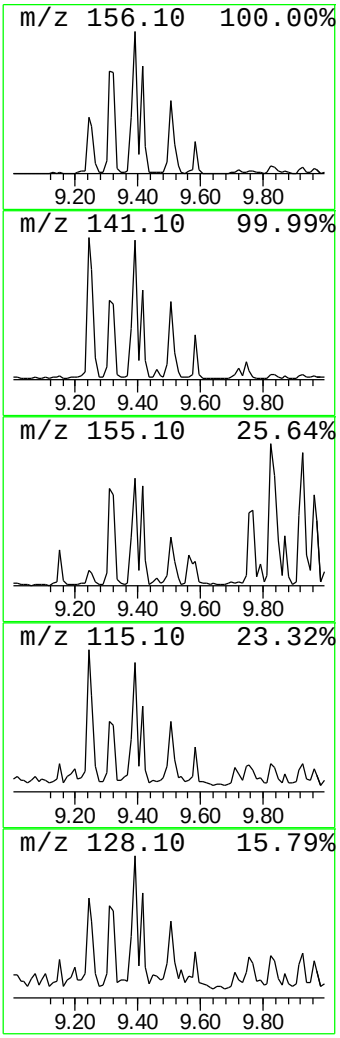
Peak Number 20 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	19.40 ng	2944470	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051016\
Data File : BF086891.D
Acq On : 11 May 2016 9:57
Operator : UM/SJ
Sample : H2961-04 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARK-ST-ESMI-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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
Benzene, 1-ethyl-...	6.20	30.5	ng	1856350	1	6.68	1217020	20.0
Benzene, 1,2,4-tr...	6.50	15.6	ng	951456	1	6.68	1217020	20.0
Cyclohexane, (2-m...	6.83	48.3	ng	2940630	1	6.68	1217020	20.0
unknown6.97	6.97	49.7	ng	3024000	1	6.68	1217020	20.0
Decane, 4-methyl-	7.00	21.5	ng	1306090	1	6.68	1217020	20.0
Decane, 2-methyl-	7.04	15.1	ng	915908	1	6.68	1217020	20.0
Decane, 3-methyl-	7.08	32.6	ng	1985110	1	6.68	1217020	20.0
Benzene, 1-methyl...	7.18	15.7	ng	952491	1	6.68	1217020	20.0
Cyclohexane, pentyl-	7.60	15.5	ng	3417570	2	7.97	4411110	20.0
Cyclohexane, (4-m...	8.27	39.2	ng	8639870	2	7.97	4411110	20.0
Octane, 3,6-dimet...	8.41	39.6	ng	8738330	2	7.97	4411110	20.0
Cyclohexane, 1,1-...	8.58	16.6	ng	3654390	2	7.97	4411110	20.0
unknown8.75	8.75	15.1	ng	3319750	2	7.97	4411110	20.0
Heptylcyclohexane	8.89	53.2	ng	8067040	3	9.72	3034970	20.0
Naphthalene, 1-et...	9.24	23.7	ng	3594740	3	9.72	3034970	20.0
Naphthalene, 2,6-...	9.32	30.9	ng	4690660	3	9.72	3034970	20.0
Naphthalene, 1,6-...	9.39	31.2	ng	4739490	3	9.72	3034970	20.0
Tritetracontane	9.46	29.8	ng	4527340	3	9.72	3034970	20.0
Naphthalene, 2,3-...	9.50	19.4	ng	2944470	3	9.72	3034970	20.0