LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
Data File : BF084966.D
Acq On : 9 Feb 2016 21:48
Operator : SJ/IZ
Sample : H1386-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B005(11-13)

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-BF020116.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	2.910	66	72	76	rBV2	273152	751959	4.49%	0.248%
2	3.333	102	109	113	rBV2	350131	1171130	6.99%	0.386%
3	3.504	118	124	128	rBV	699737	1730967	10.33%	0.570%
4	3.698	134	141	144	rBV3	715976	1803466	10.76%	0.594%
5	3.881	152	157	159	rBV2	339392	750413	4.48%	0.247%
6	4.098	174	176	180	rVB	497252	839509	5.01%	0.276%
7	4.224	183	187	192	rBV2	920820	1675959	10.00%	0.552%
8	4.590	217	219	221	rBV	782100	867069	5.17%	0.285%
9	4.681	225	227	231	rVB	1819273	2365910	14.11%	0.779%
10	4.750	231	233	234	rBV	636287	855485	5.10%	0.282%
11	4.784	234	236	238	rBV	674298	1213132	7.24%	0.399%
12	4.876	242	244	250	rVB3	332289	838730	5.00%	0.276%
13	4.978	250	253	254	rBV	1129032	1578924	9.42%	0.520%
14	5.024	254	257	259	rVB2	563924	1140405	6.80%	0.375%
15	5.081	259	262	267	rBV2	1571806	3339244	19.92%	1.099%
16	5.184	269	271	273	rVB	1964694	1695236	10.11%	0.558%
17	5.230	273	275	276	rVB	4224197	4477226	26.71%	1.474%
18	5.264	276	278	282	rVB3	498574	955144	5.70%	0.314%
19	5.356	285	286	289	rBV	977388	1512549	9.02%	0.498%
20	5.401	289	290	292	rVB	802620	840186	5.01%	0.277%
21	5.447	292	294	298	rBV3	743509	1580537	9.43%	0.520%
22	5.619	306	309	312	rVB2	1000158	1509231	9.00%	0.497%
23	5.687	312	315	319	rVB3	695968	1717746	10.25%	0.565%
24	5.767	319	322	324	rBV2	1810684	2798398	16.69%	0.921%
25	5.824	324	327	329	rVB3	768268	1146311	6.84%	0.377%
26	5.870	329	331	334	rVB	2486965	3119964	18.61%	1.027%
27	5.927	334	336	339	rBV2	1081266	1691407	10.09%	0.557%
28	6.076	345	349	351	rBV2	1996298	4043960	24.12%	1.331%
29	6.133	351	354	356	rBV2	2105145	3768494	22.48%	1.241%
30	6.167	356	357	361	rVB	2080331	2469837	14.73%	0.813%
31	6.224	361	362	366	rBV2	1630187	3144996	18.76%	1.035%
32	6.293	366	368	370	rVB	3666563	4040006	24.10%	1.330%
33	6.407	373	378	381	rBV2	4927065	7110791	42.42%	2.341%
34	6.579	391	393	396	rBV2	1028927	2456292	14.65%	0.809%

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Operator : SJ/IZ
Sample : H1386-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B005(11-13)

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-BF020116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.636	396	398	399	rBV	1463187	1183952	7.06%	0.390%
36	6.670	399	401	402	rVB	2660279	2858734	17.05%	0.941%
37	6.704	402	404	406	rBV2	881556	1510689	9.01%	0.497%
38	6.796	408	412	416	rVB3	4715123	10403101	62.06%	3.424%
39	6.899	416	421	422	rBV2	2822465	4694260	28.00%	1.545%
40	6.933	422	424	425	rVB2	1399740	1587288	9.47%	0.522%
41	6.967	425	427	428	rVB	2529295	2322372	13.85%	0.764%
42	7.002	428	430	431	rVB	1623172	2061016	12.29%	0.678%
43	7.047	431	434	437	rVB2	1696627	2878427	17.17%	0.948%
44	7.196	442	447	453	rBV2	6931466	16764228	100.00%	5.518%
45	7.299	453	456	458	rBV3	1984473	3261216	19.45%	1.074%
46	7.367	458	462	464	rBV3	1874793	4286138	25.57%	1.411%
47	7.424	464	467	468	rBV	3694421	4767326	28.44%	1.569%
48	7.447	468	469	472	rVB2	2705072	2868555	17.11%	0.944%
49	7.504	472	474	476	rBV2	645430	1216401	7.26%	0.400%
50	7.562	476	479	481	rBV2	2235505	5907553	35.24%	1.945%
51	7.607	481	483	487	rVV3	2110297	3952877	23.58%	1.301%
52	7.676	487	489	490	rVV2	4004938	4860788	29.00%	1.600%
53	7.699	490	491	494	rVB3	2068126	2256638	13.46%	0.743%
54	7.744	494	495	498	rVB2	2317960	3603260	21.49%	1.186%
55	7.813	498	501	502	rBV	2404173	2933091	17.50%	0.966%
56	7.927	505	511	513	rBV2	5313426	12834430	76.56%	4.225%
57	7.984	513	516	517	rVV2	2898774	4936460	29.45%	1.625%
58	8.019	517	519	522	rVB2	4859957	6635398	39.58%	2.184%
59	8.064	522	523	524	rVB	1500494	1029339	6.14%	0.339%
60	8.110	524	527	529	rBV3	1380521	3735527	22.28%	1.230%
61	8.145	529	530	532	rVB2	1513645	1111088	6.63%	0.366%
62	8.236	532	538	542	rBV5	2276983	8953781	53.41%	2.947%
63	8.293	542	543	544	rVV	1121331	778618	4.64%	0.256%
64	8.327	544	546	547	rVB	2225811	2891251	17.25%	0.952%
65	8.373	547	550	552	rBV	5860194	7936540	47.34%	2.613%
66	8.442	554	556	558	rBV2	688478	1589933	9.48%	0.523%
67	8.533	562	564	565	rBV2	727502	1301680	7.76%	0.428%
68	8.625	570	572	574	rVV2	3317141	6595850	39.34%	2.171%
69	8.670	574	576	579	rVV4	1680603	5460397	32.57%	1.797%
70	8.739	579	582	584	rVV2	4032649	8394802	50.08%	2.763%
71	8.842	587	591	593	rVV5	2391579	7799670	46.53%	2.567%

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Acq On : 9 Feb 2016 21:48
Operator : SJ/IZ
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B005(11-13)

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-BF020116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	8.910	595	597	598	rVV2	1325140	2519516	15.03%	0.829%
73	8.967	599	602	603	rVV	3684873	6111776	36.46%	2.012%
74	9.002	603	605	608	rVV	3961942	7210570	43.01%	2.374%
75	9.105	610	614	615	rVV2	1465010	3909969	23.32%	1.287%
76	9.139	615	617	621	rVV5	1251174	3971863	23.69%	1.307%
77	9.207	621	623	624	rVV	1092378	1727811	10.31%	0.569%
78	9.265	625	628	630	rVV	1615724	3306665	19.72%	1.088%
79	9.310	630	632	633	rVV2	791481	1425742	8.50%	0.469%
80	9.333	633	634	636	rVV	1819844	2770062	16.52%	0.912%
81	9.367	636	637	639	rVV2	1405854	2223428	13.26%	0.732%
82	9.413	639	641	642	rVV2	2968270	3794325	22.63%	1.249%
83	9.447	642	644	649	rVV3	825445	2383687	14.22%	0.785%
84	9.539	649	652	654	rVV4	510073	1348305	8.04%	0.444%
85	9.585	654	656	658	rVV	684201	862345	5.14%	0.284%
86	9.676	660	664	665	rVV2	1087302	2150364	12.83%	0.708%
87	9.710	665	667	670	rVV4	342472	728130	4.34%	0.240%
88	9.779	670	673	675	rVB	445059	713327	4.26%	0.235%
89	9.870	675	681	683	rBV5	524999	1212981	7.24%	0.399%
90	10.076	697	699	702	rBV	402251	706960	4.22%	0.233%
91	10.339	720	722	723	rBV	744325	784680	4.68%	0.258%
92	10.453	730	732	734	rBV2	2279257	3052850	18.21%	1.005%
93	10.602	742	745	747	rBV	1340587	1562889	9.32%	0.514%
94	11.070	783	786	788	rVB	724170	1038768	6.20%	0.342%
95	11.150	791	793	794	rBV	845769	945617	5.64%	0.311%
96	12.156	878	881	883	rBV	613604	1074132	6.41%	0.354%
97	12.362	897	899	901	rBV	579398	852278	5.08%	0.281%
98	12.739	930	932	935	rBV2	3064236	3600080	21.47%	1.185%
99	14.134	1052	1054	1057	rBV2	678433	1298124	7.74%	0.427%
100	16.111	1225	1227	1234	rVB2	512118	1337435	7.98%	0.440%

Sum of corrected areas: 303787966

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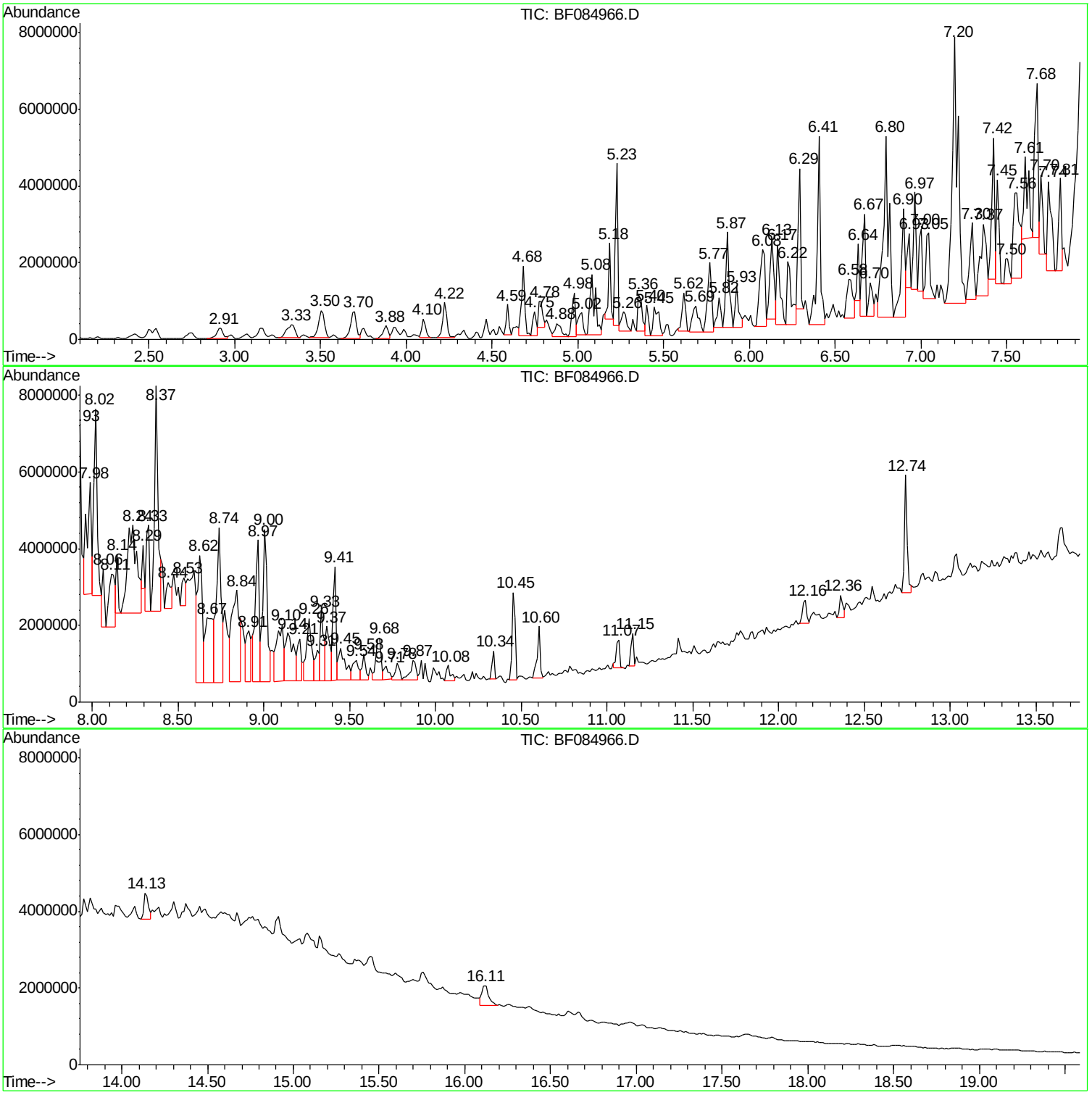
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B005(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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\BF020916\
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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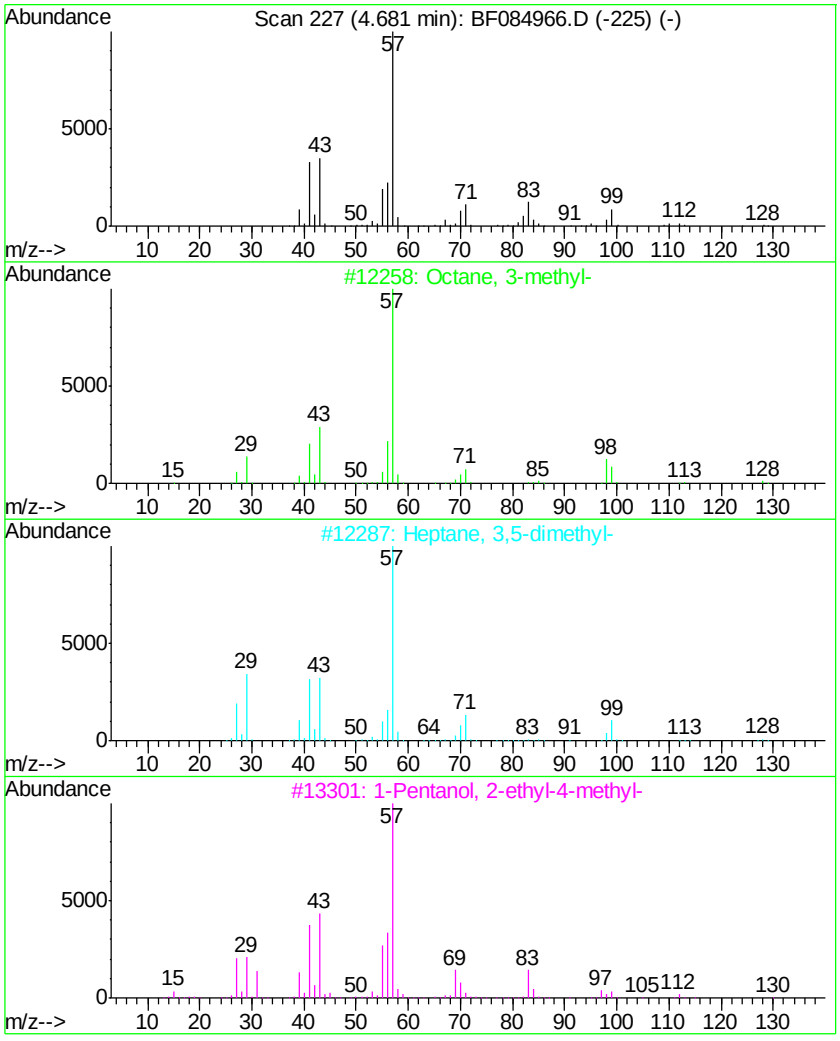
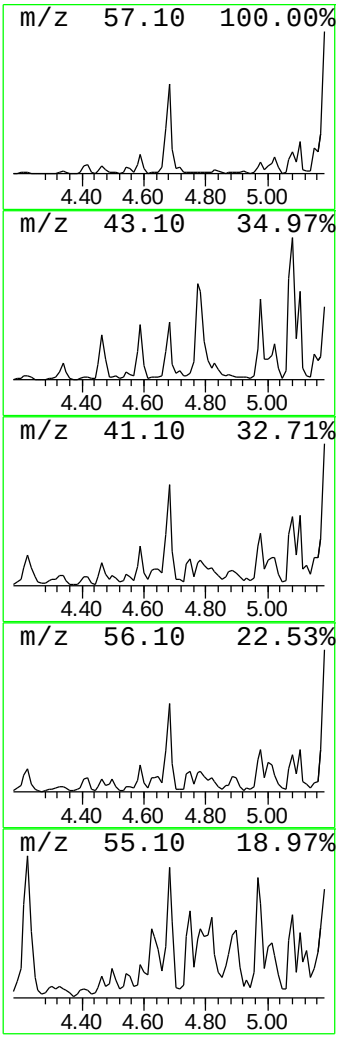
Peak Number 1 Octane, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	39.97 ng	2365910	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	59
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	49
3	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	47
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	45
5	2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	43





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Data File : BF084966.D
Acq On : 9 Feb 2016 21:48
Operator : SJ/IZ
Sample : H1386-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B005(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

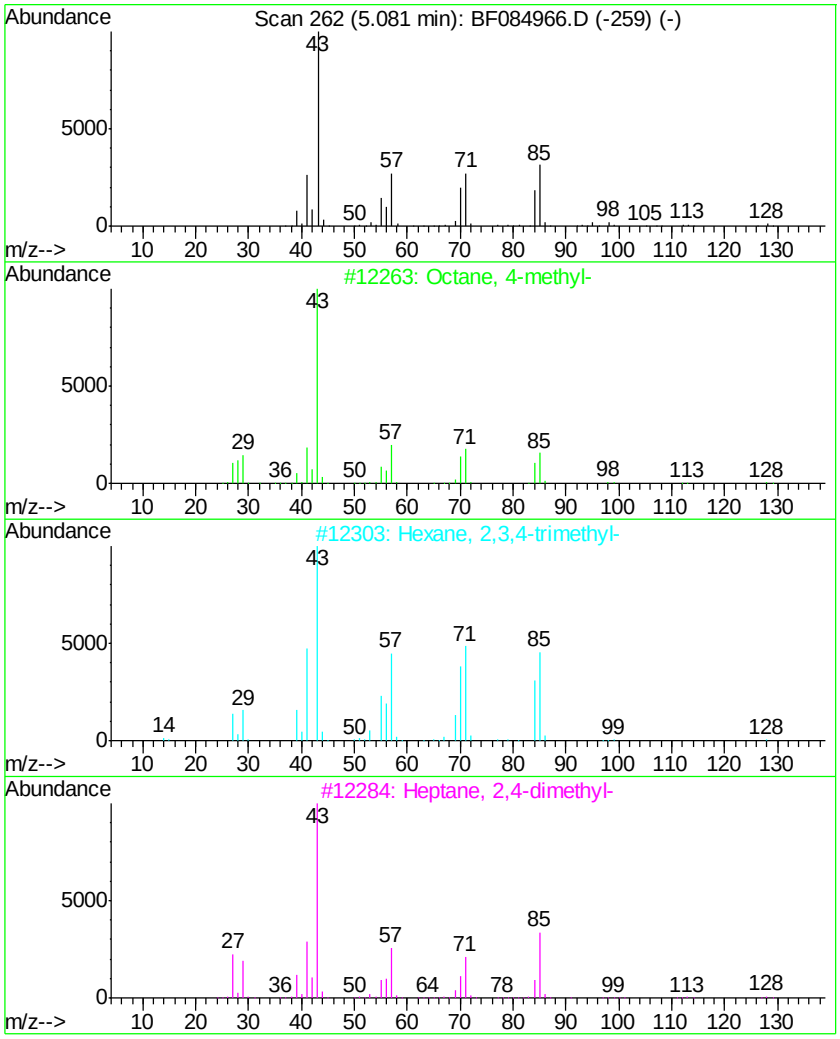
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

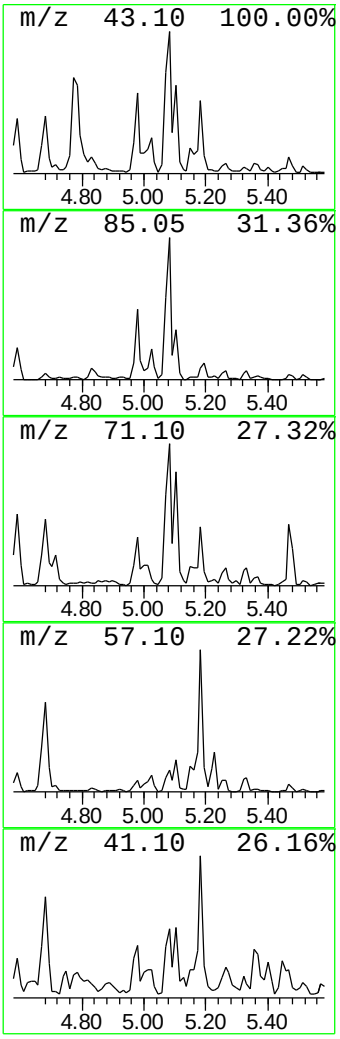
****

Peak Number 2 Octane, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	56.41 ng	3339240	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	91
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	91
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	87
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	80
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	58





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Sample : H1386-02
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Instrument : BNA_F
ClientSampleId : S4-B005(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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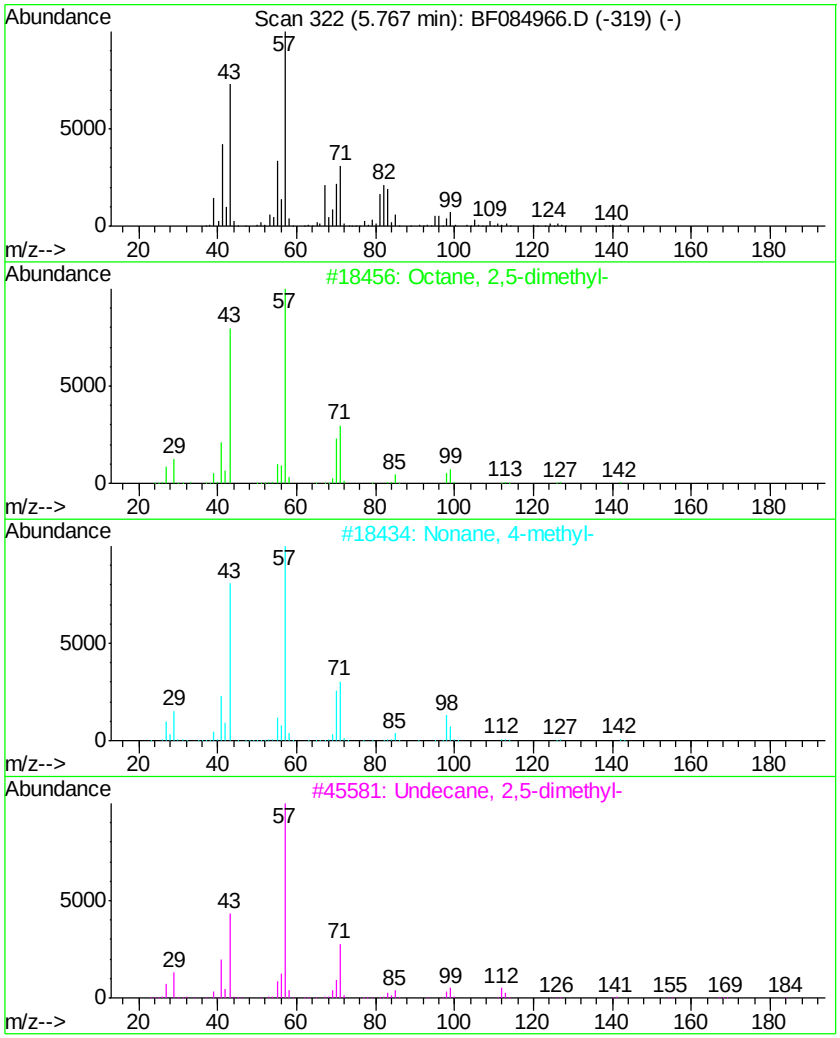
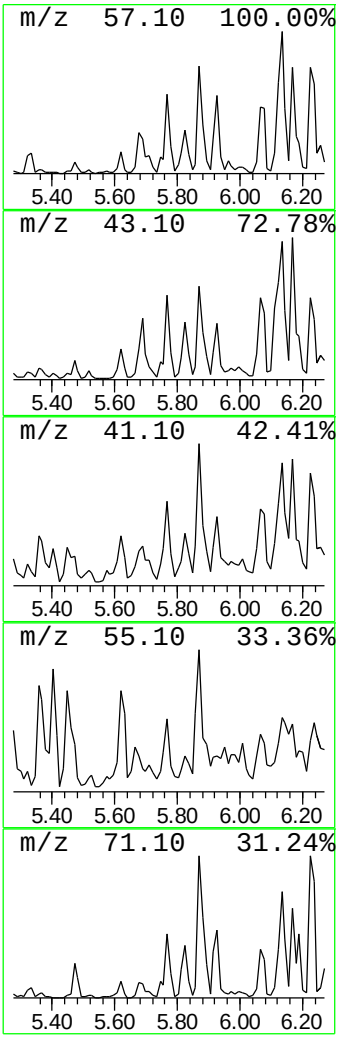
Peak Number 3 unknown5.77 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	47.27 ng	2798400	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	43
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	43
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	38
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	35
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	35





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Instrument : BNA_F
ClientSampleId : S4-B005(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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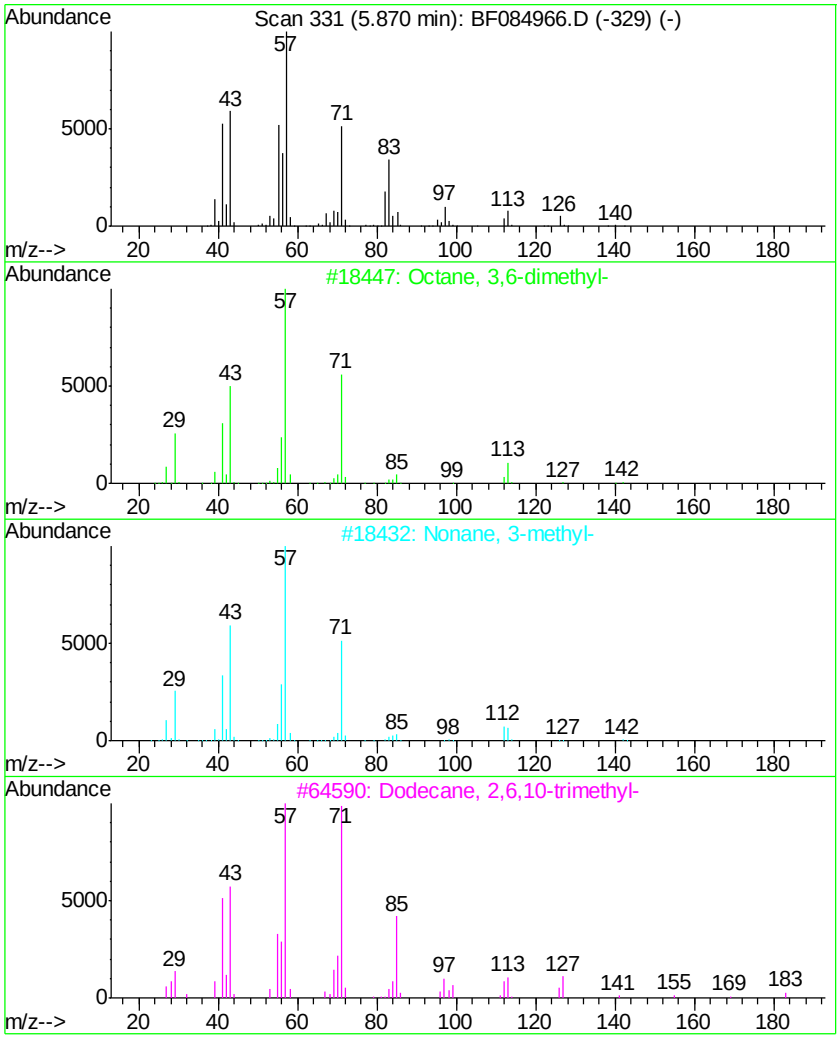
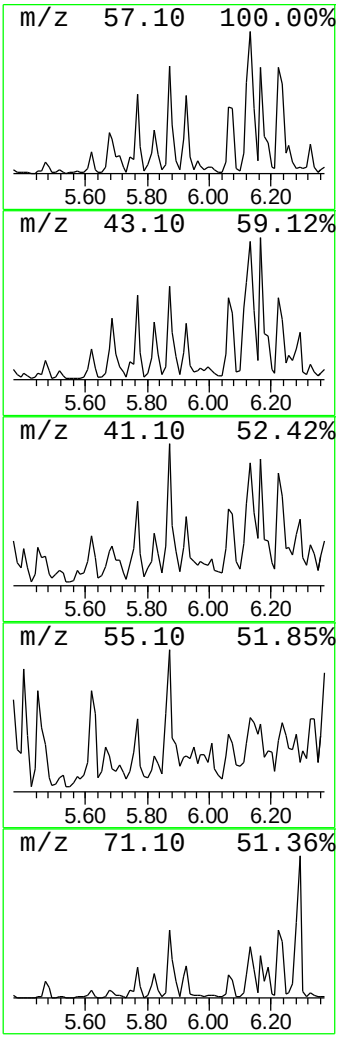
Peak Number 4 Octane, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	52.70 ng	3119960	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	58
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	50
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	47
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
5	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	43





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Data File : BF084966.D
Acq On : 9 Feb 2016 21:48
Operator : SJ/IZ
Sample : H1386-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B005(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

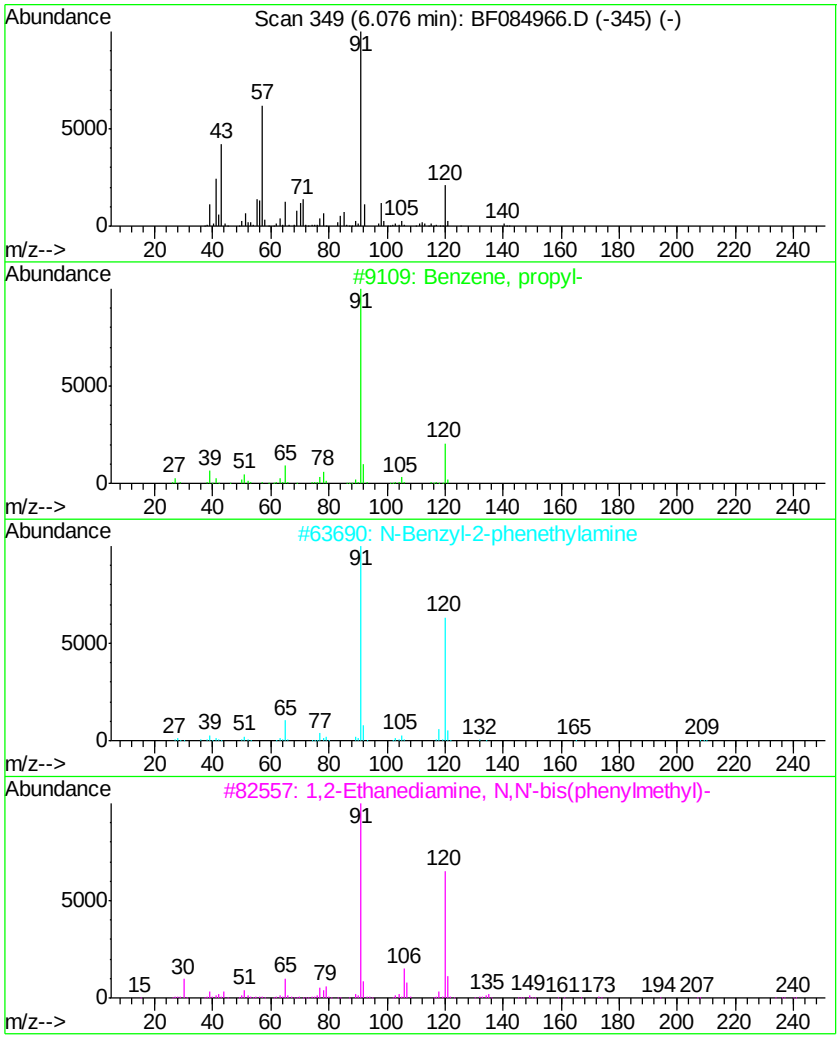
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

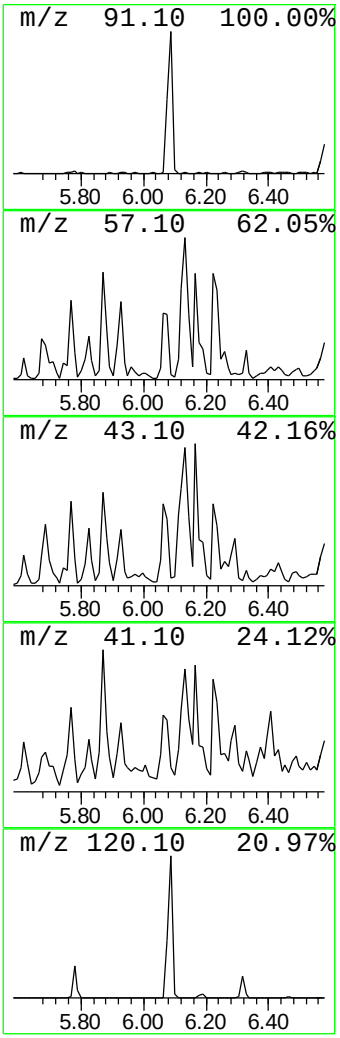
****

Peak Number 5 Benzene, propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.08	68.31 ng	4043960	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	55
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	43
3	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	43
4	1-Benzylamino-2-benzyloxyethane	241	C16H19NO	038336-06-0	35
5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	27





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Sample : H1386-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B005(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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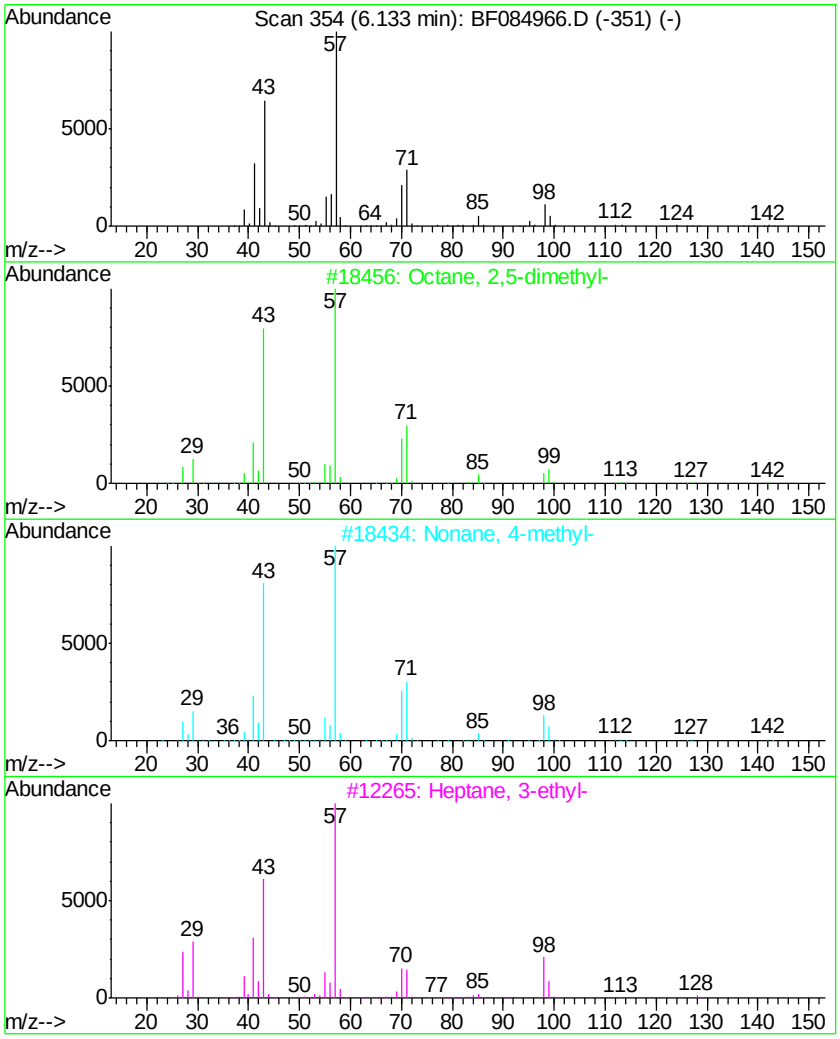
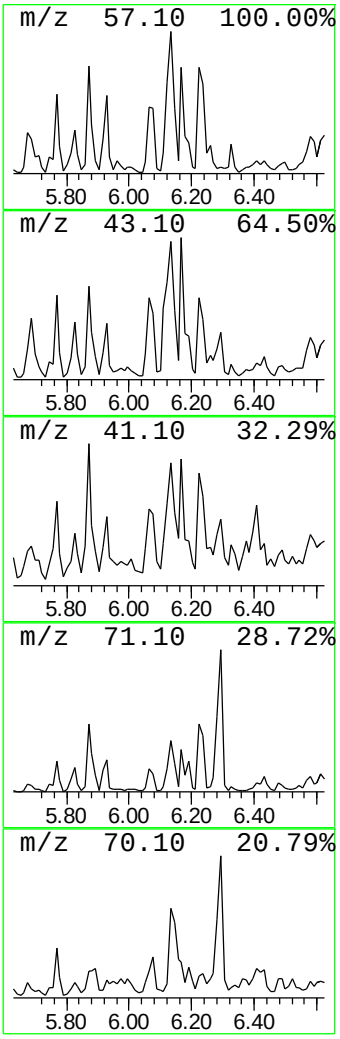
Peak Number 6 Octane, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	63.66 ng	3768490	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	87
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	78
3	Heptane, 3-ethyl-	128	C9H20	015869-80-4	64
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	53
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	53





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Operator : SJ/IZ
Sample : H1386-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B005(11-13)

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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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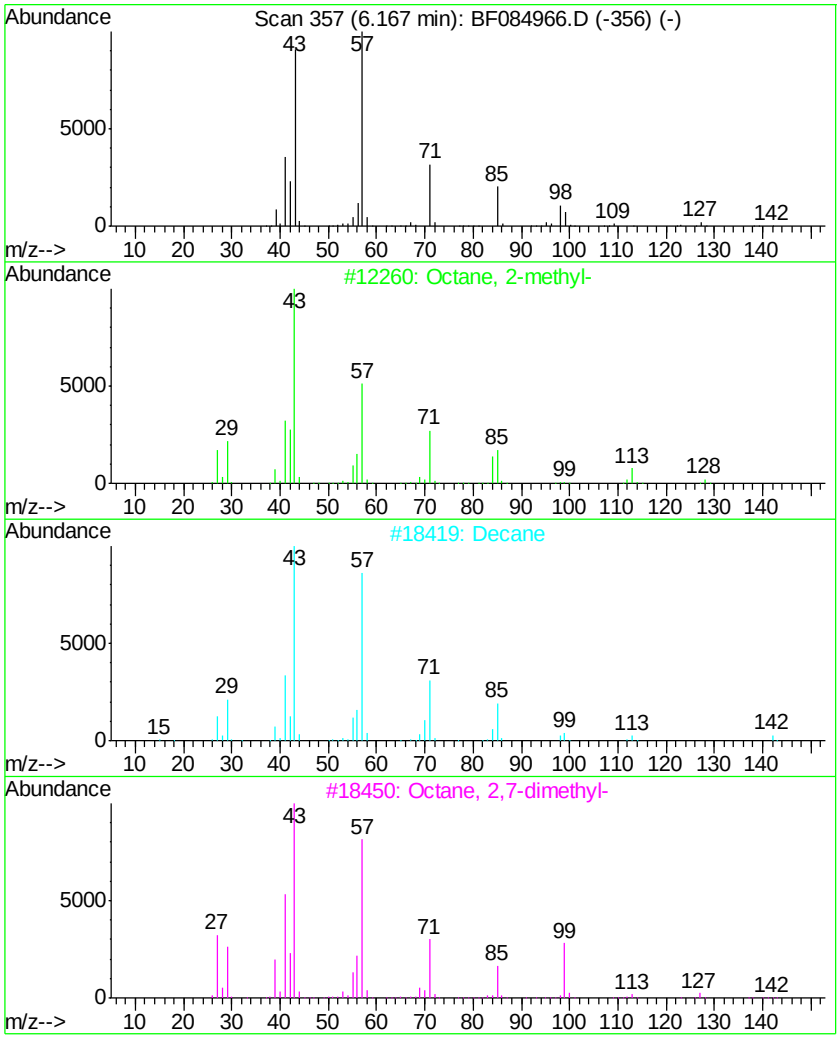
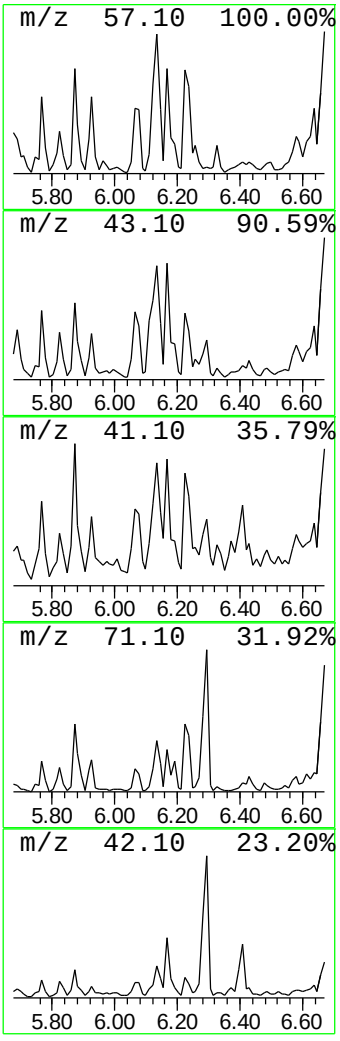
Peak Number 7 Octane, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	41.72 ng	2469840	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	59
2	Decane	142	C10H22	000124-18-5	59
3	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	59
4	Dotriacontane	451	C32H66	000544-85-4	59
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	53





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ClientSampleId : S4-B005(11-13)

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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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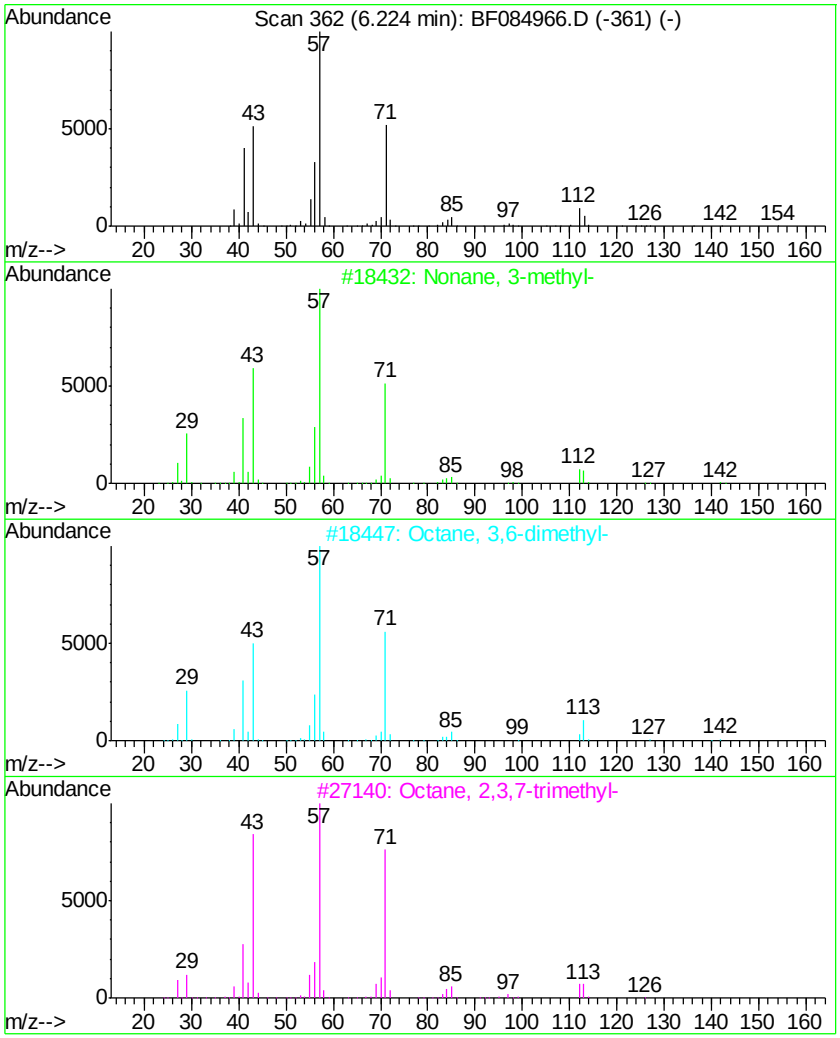
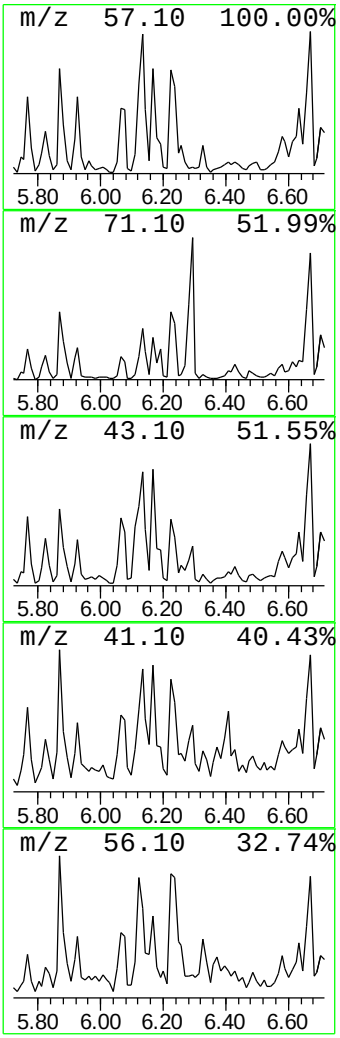
Peak Number 8 Nonane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	53.13 ng	3145000	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64
4	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	59
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59





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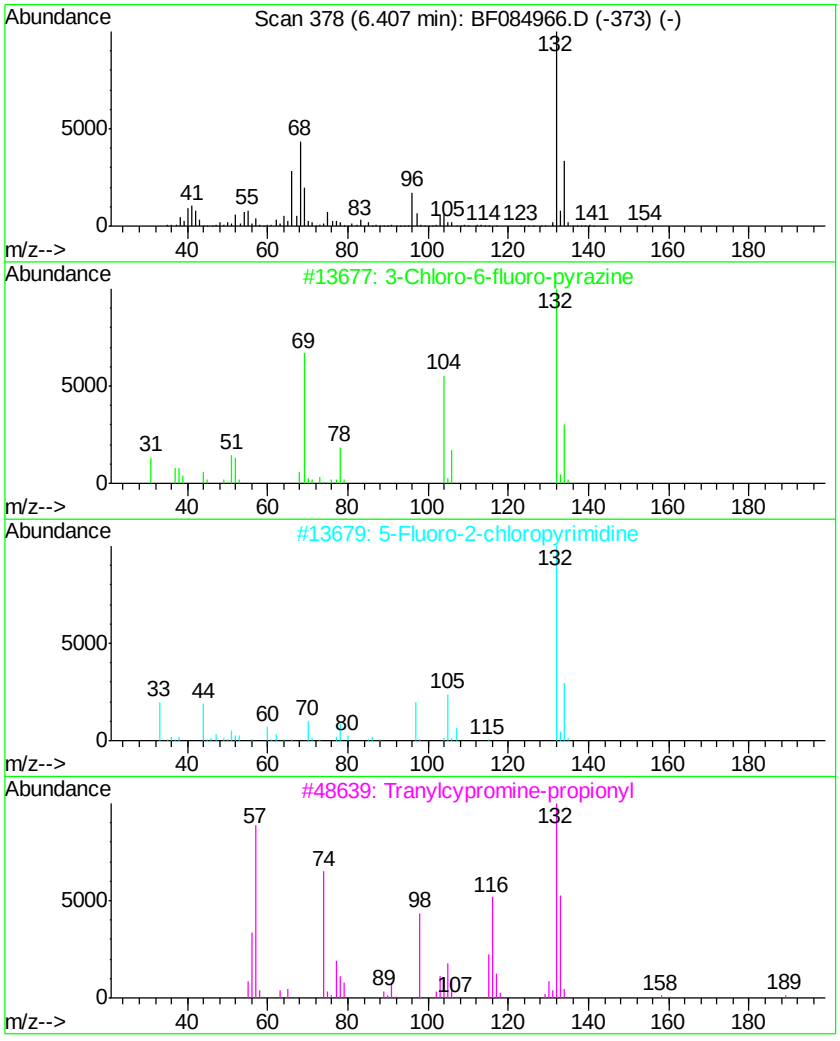
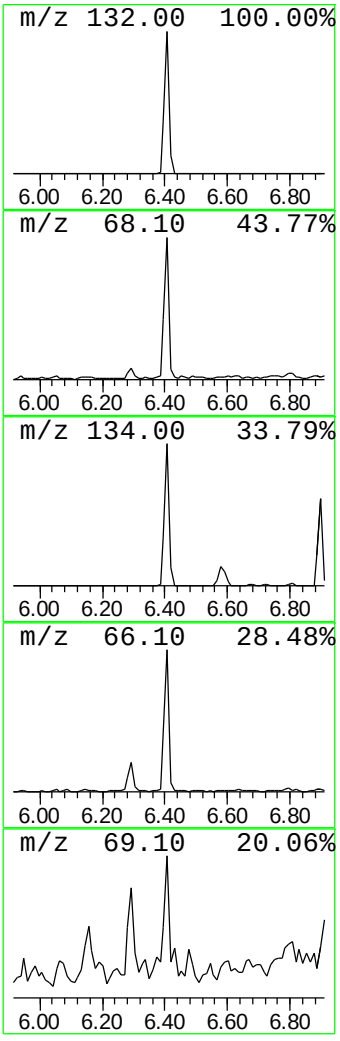
Peak Number 9 unknown6.41 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	120.12 ng	7110790	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





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

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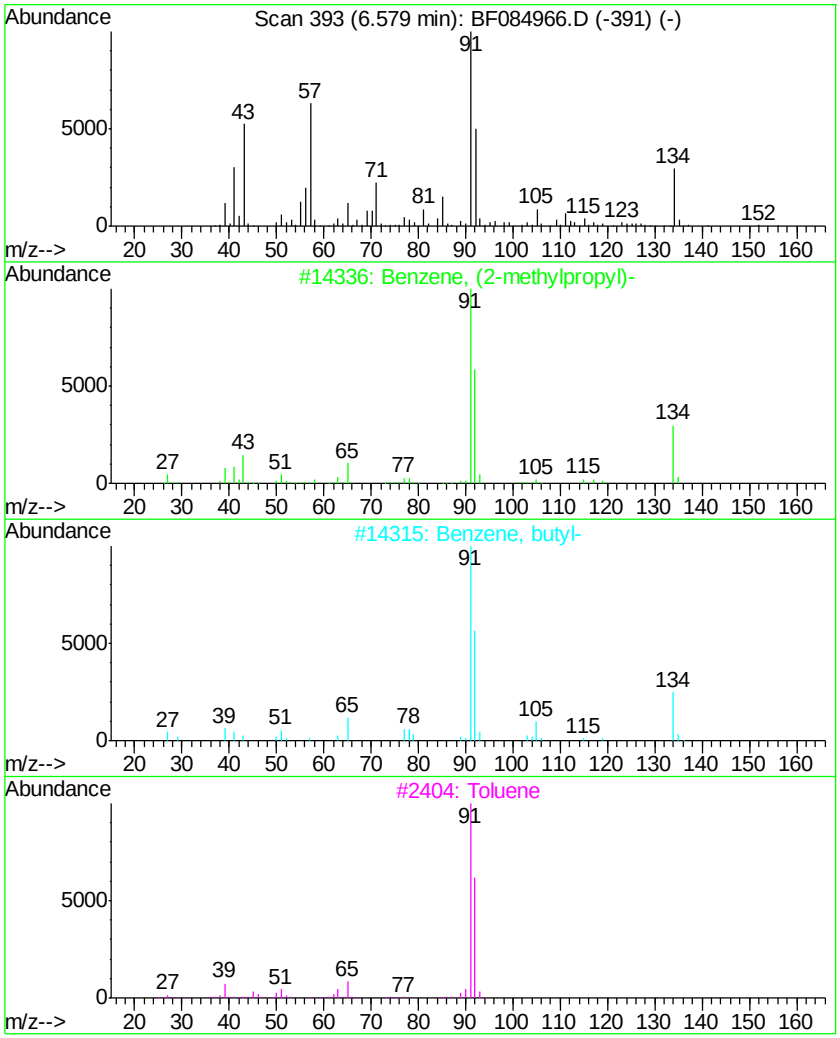
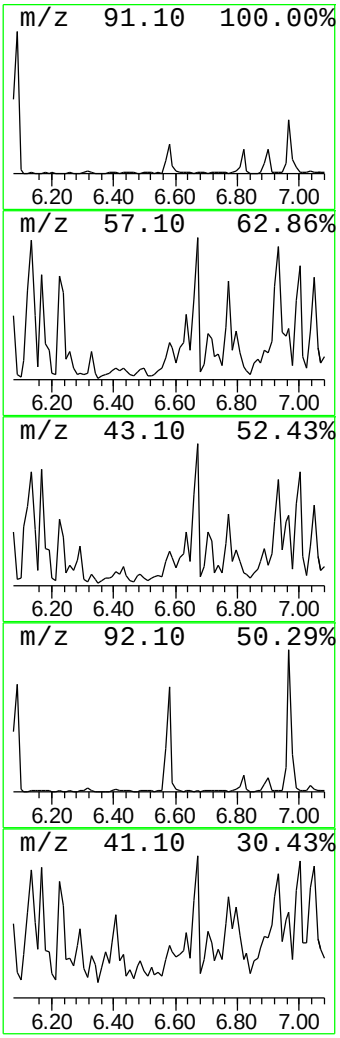
Peak Number 10 Benzene, (2-methylpropyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	41.49 ng	2456290	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	55
2	Benzene, butyl-	134	C10H14	000104-51-8	49
3	Toluene	92	C7H8	000108-88-3	38
4	Benzene, (2-methylbutyl)-	148	C11H16	003968-85-2	22
5	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	22





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Sample : H1386-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId : S4-B005(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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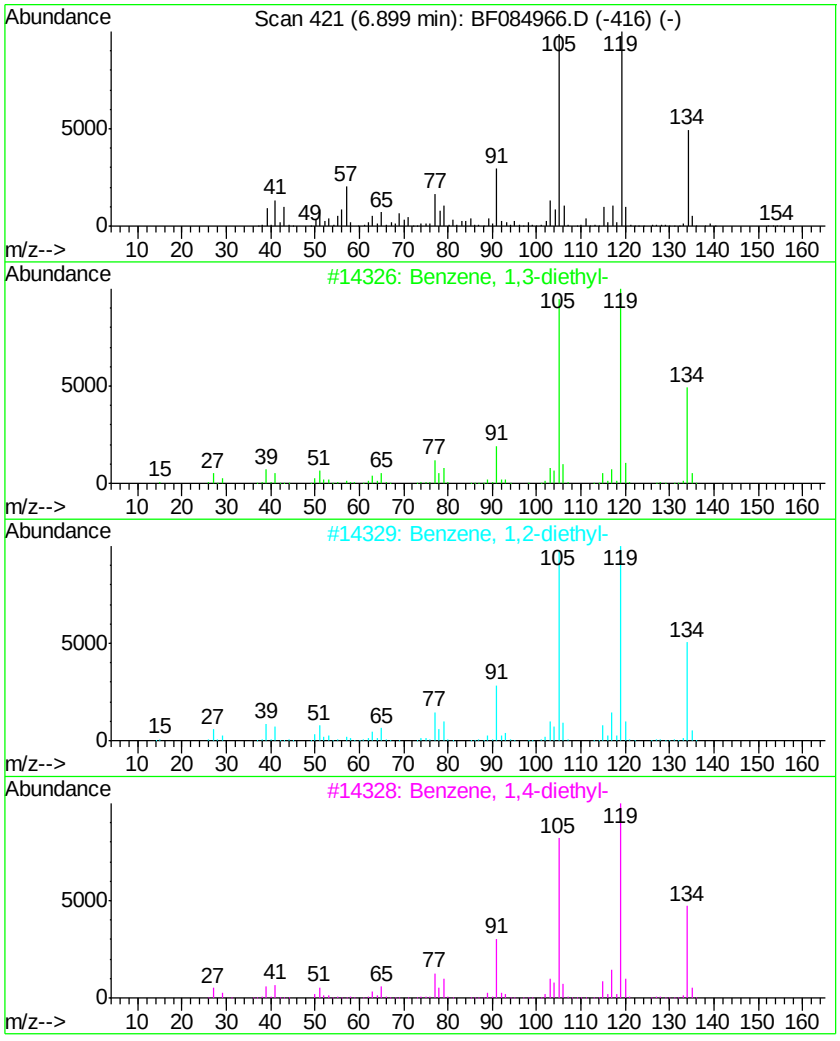
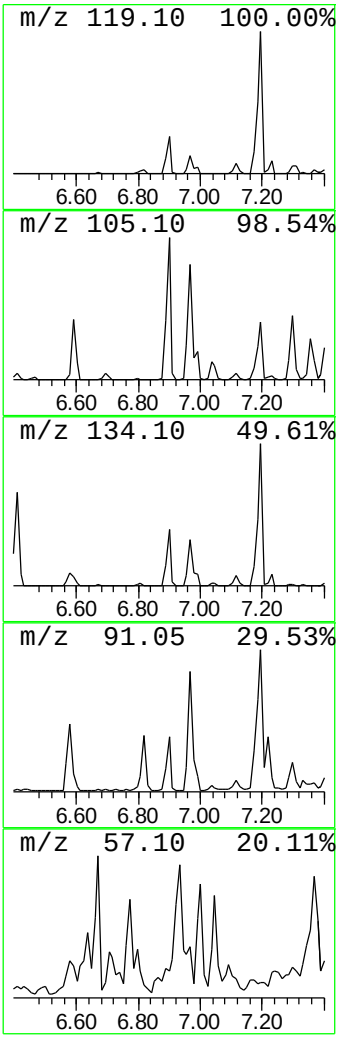
Peak Number 12 Benzene, 1,3-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	79.30 ng	4694260	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	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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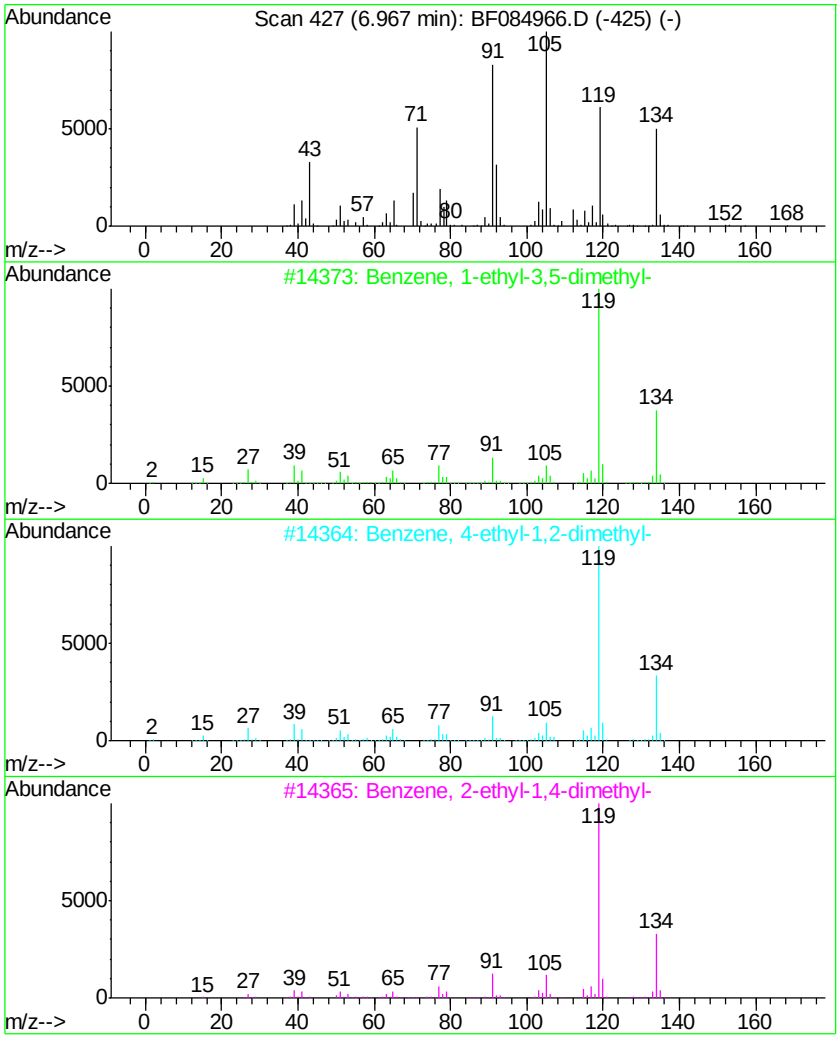
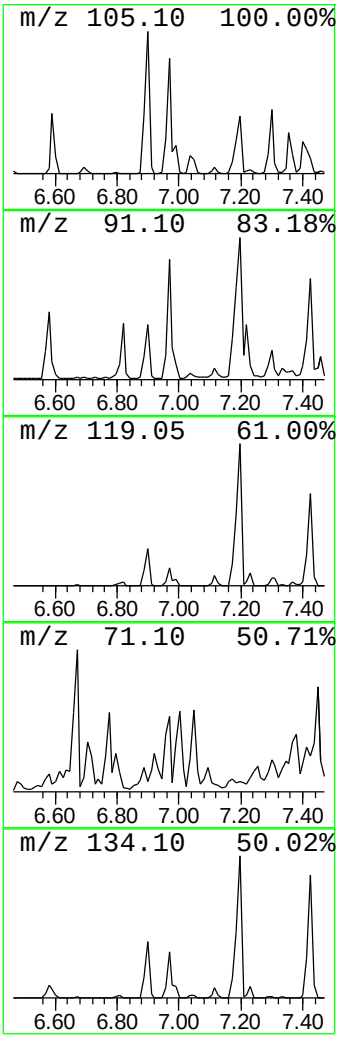
Peak Number 13 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	39.23 ng	2322370	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	58
5	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	53





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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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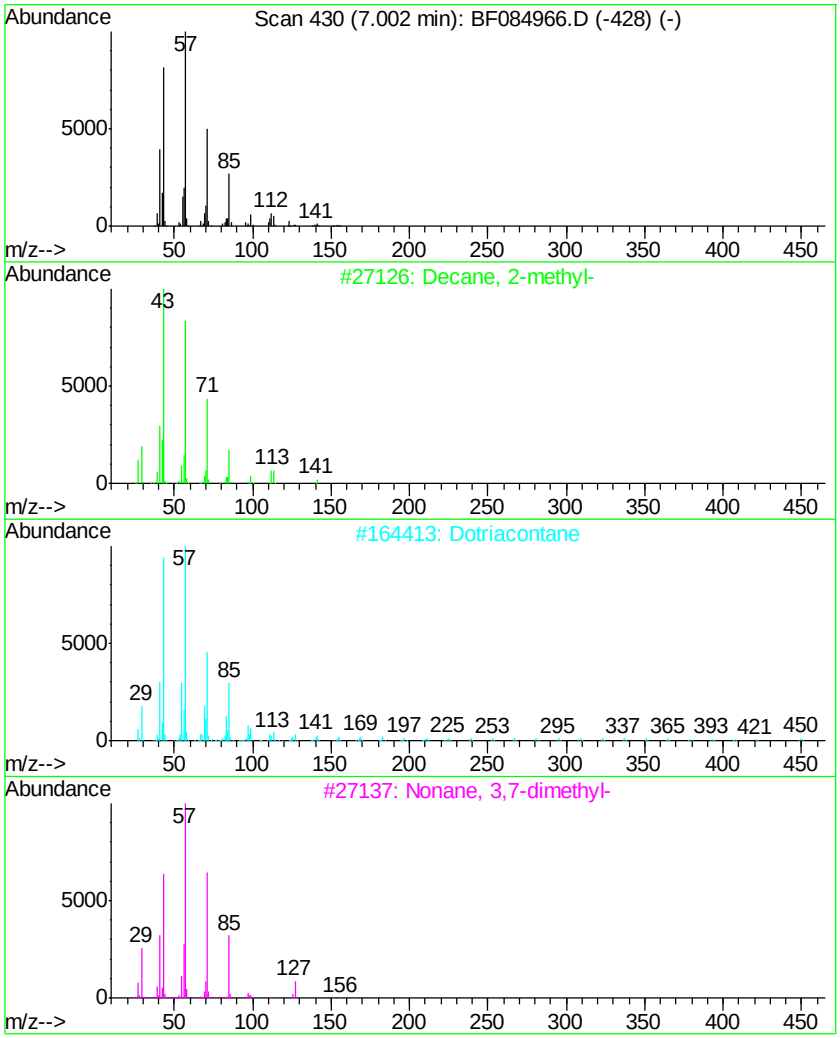
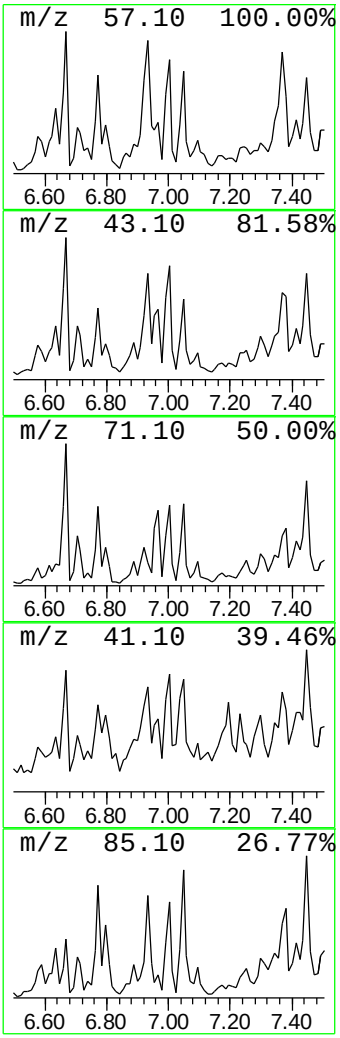
Peak Number 14 Decane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	34.82 ng	2061020	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	90
2	Dotriacontane	451	C32H66	000544-85-4	72
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	64
5	Tridecane	184	C13H28	000629-50-5	64





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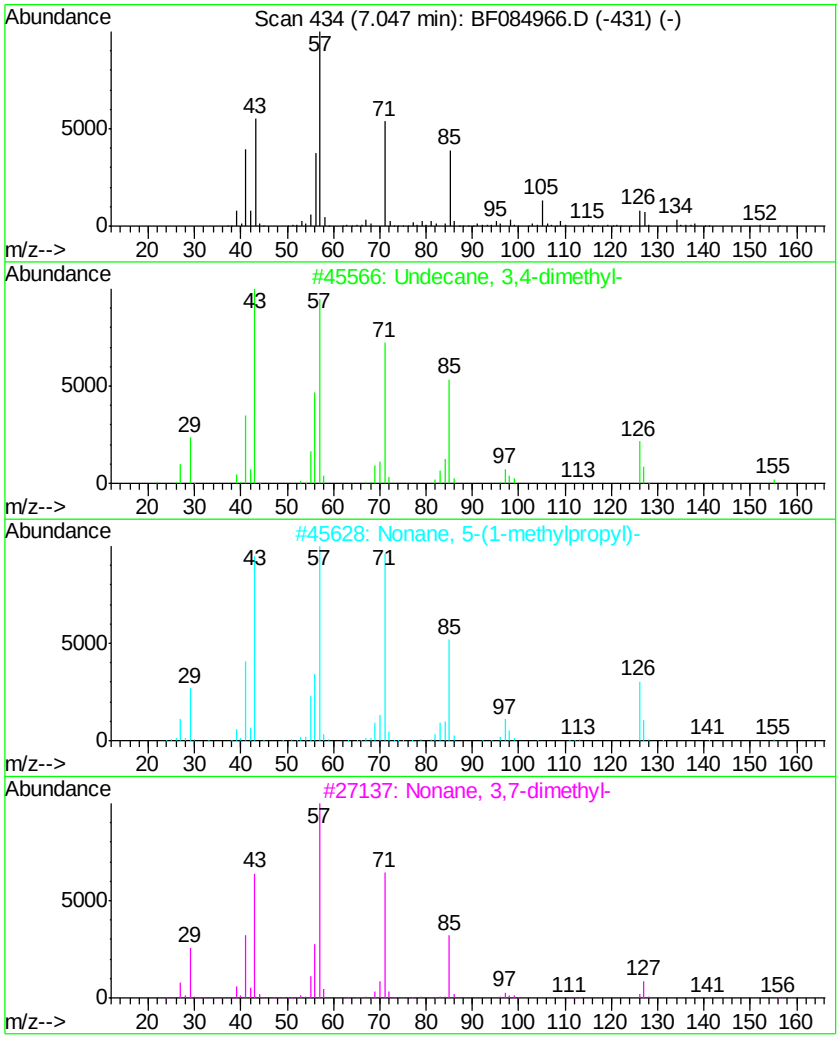
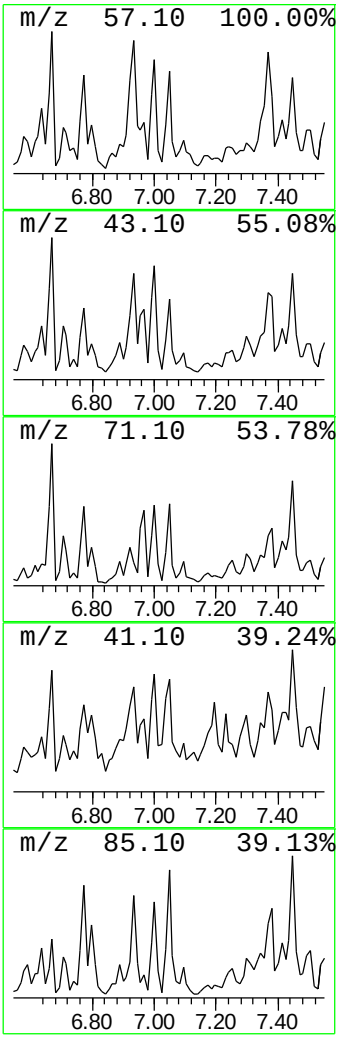
Peak Number 15 Undecane, 3,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	48.62 ng	2878430	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,4-dimethyl-	184	C13H28	017312-78-6	59
2	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	59
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	58
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	53
5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	53





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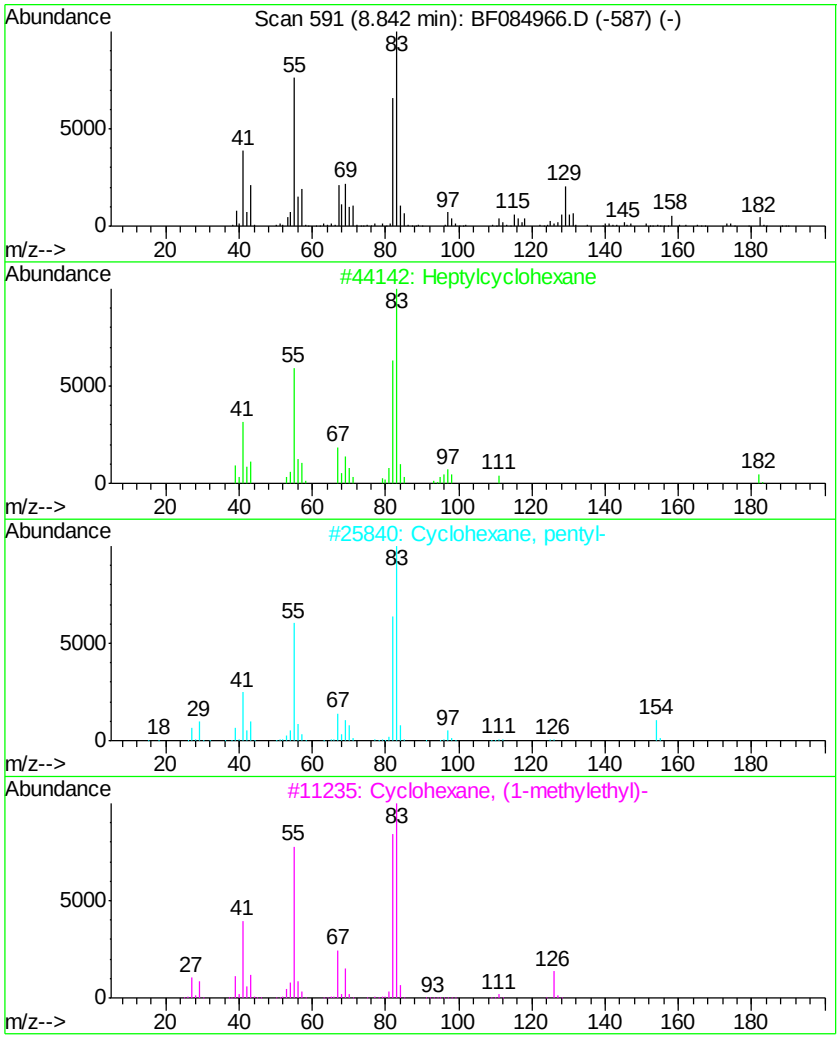
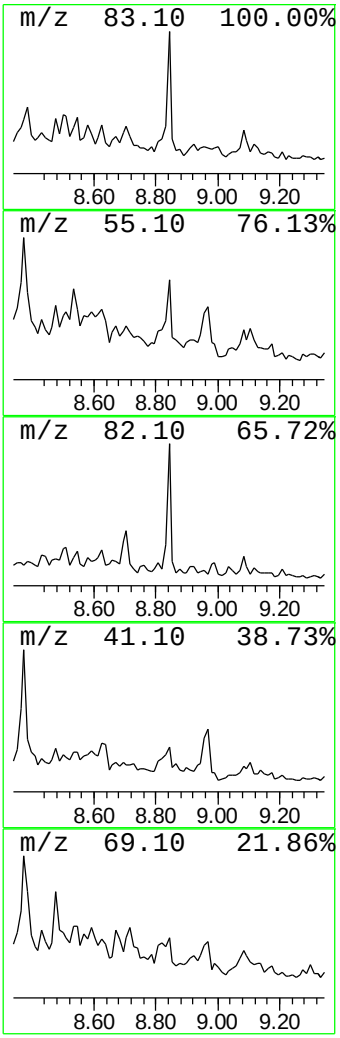
Peak Number 16 Heptylcyclohexane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	72.54 ng	7799670	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	81
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	81
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	74
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64





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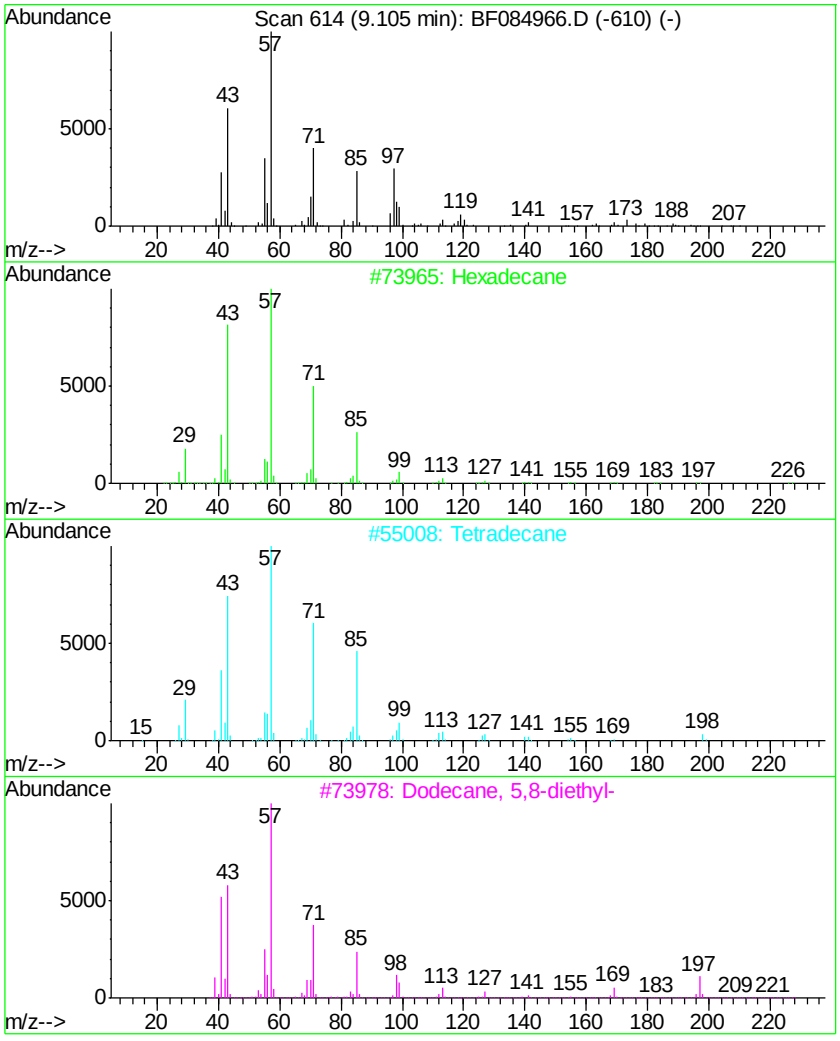
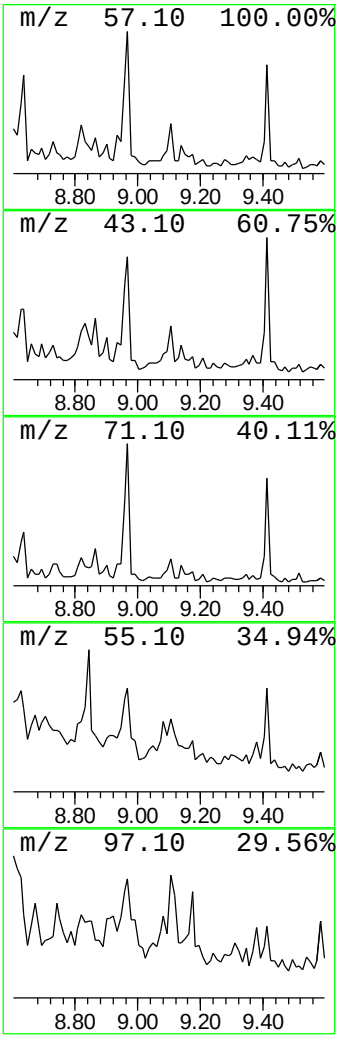
Peak Number 17 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	36.37 ng	3909970	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	58
2	Tetradecane	198	C14H30	000629-59-4	53
3	Dodecane, 5,8-diethyl-	226	C16H34	024251-86-3	53
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50
5	Tetracosane	338	C24H50	000646-31-1	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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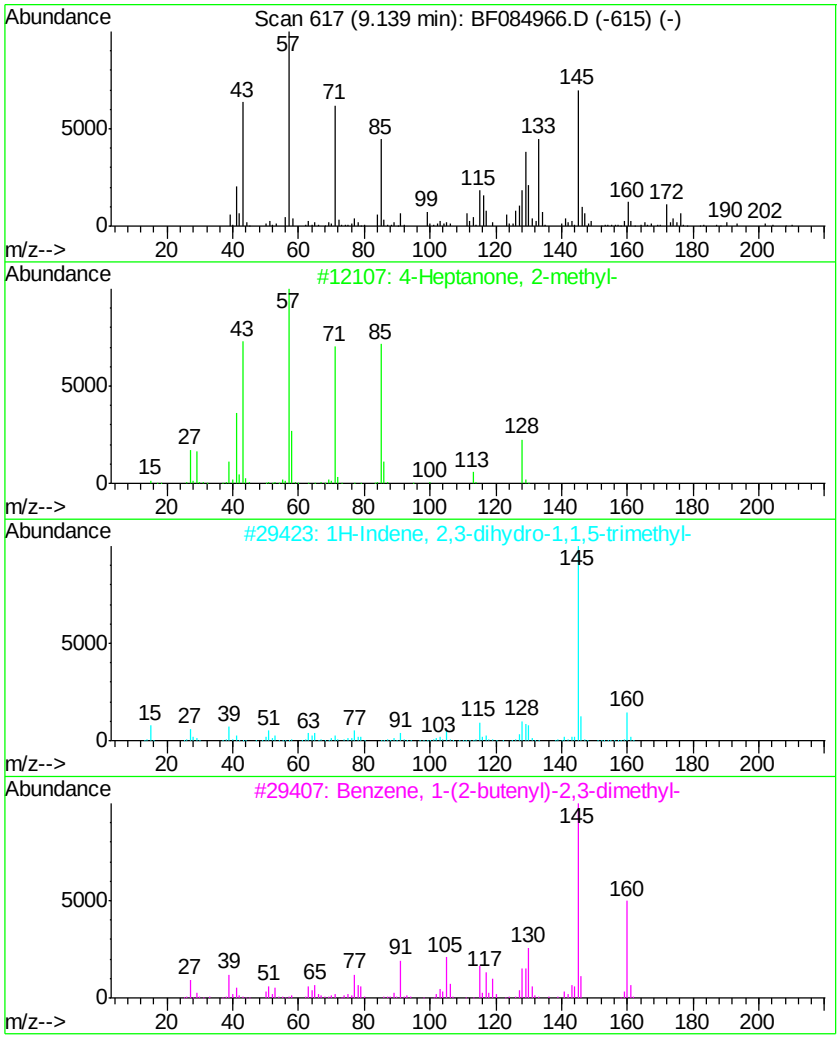
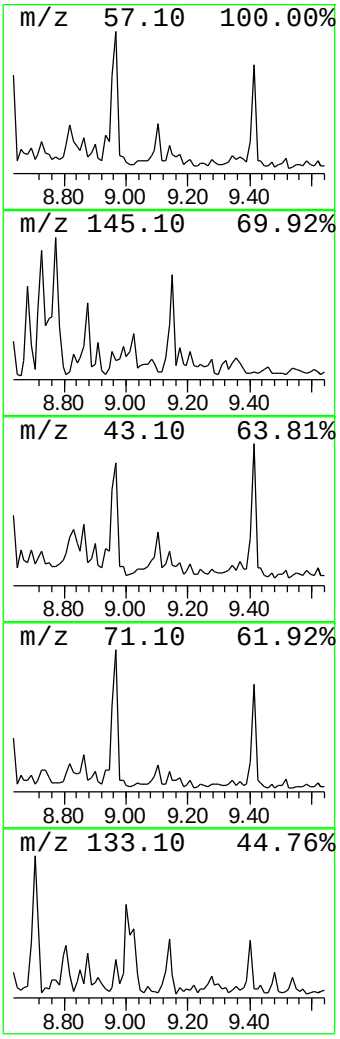
Peak Number 18 unknown9.14 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	36.94 ng	3971860	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	25
2	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	25
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	22
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	15
5	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	14





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Acq On : 9 Feb 2016 21:48
Operator : SJ/IZ
Sample : H1386-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B005(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

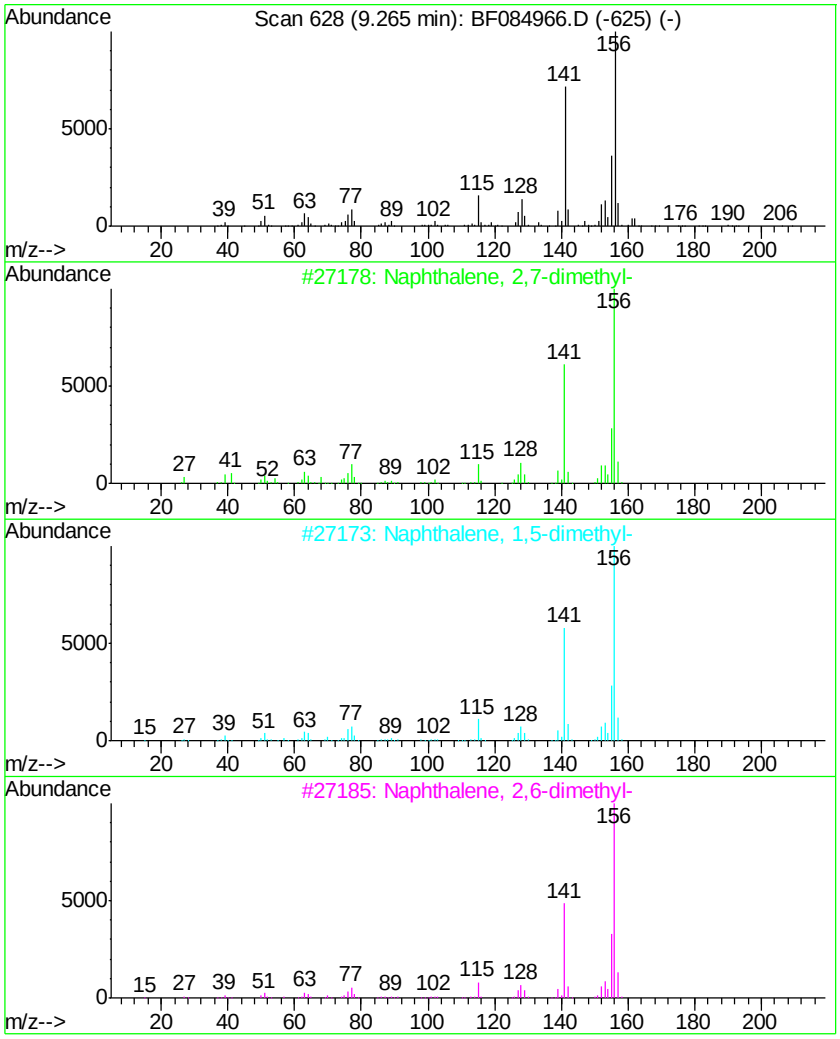
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

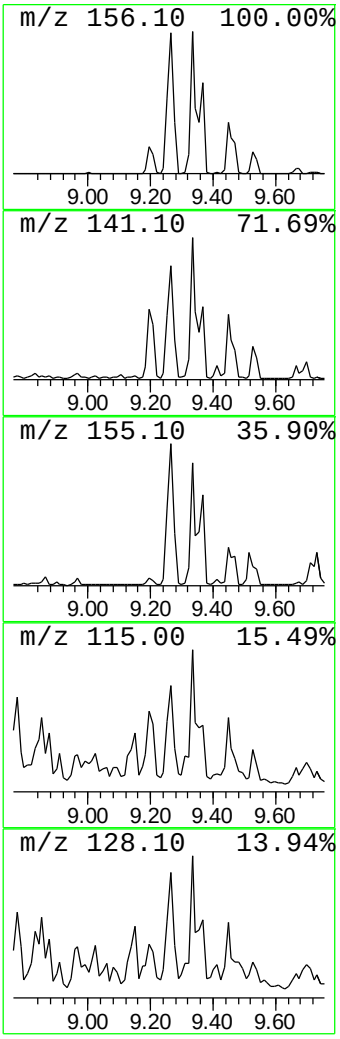
****

Peak Number 19 Naphthalene, 2,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	30.75 ng	3306670	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
Data File : BF084966.D
Acq On : 9 Feb 2016 21:48
Operator : SJ/IZ
Sample : H1386-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B005(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

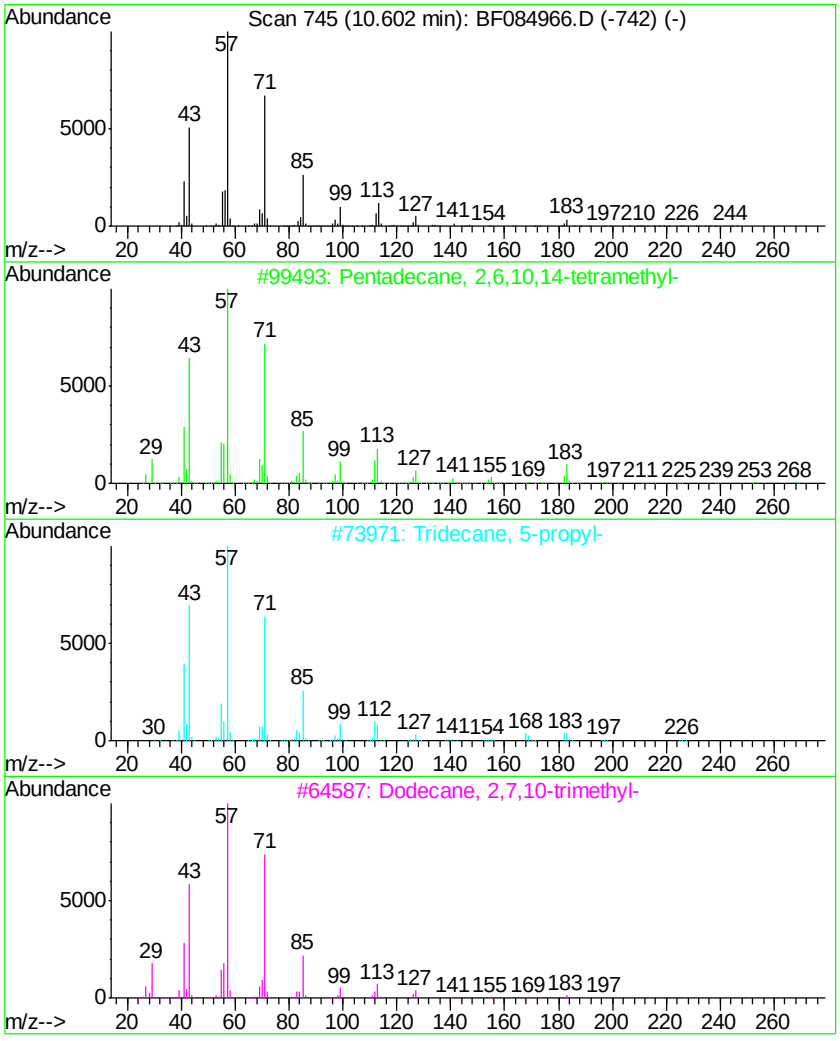
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

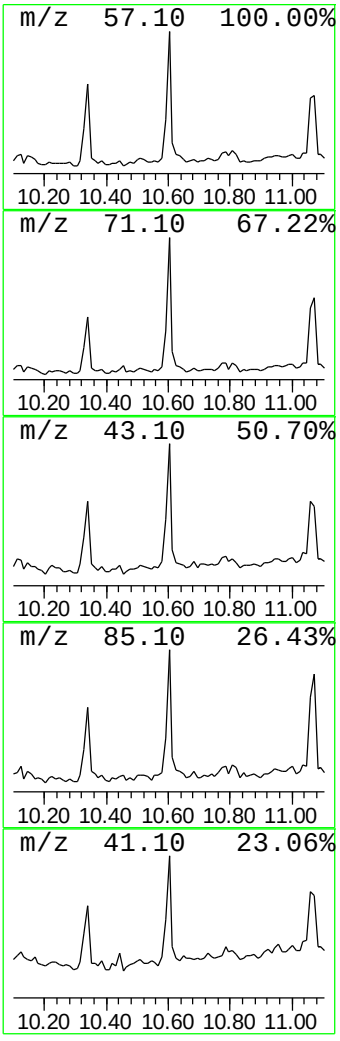
****

Peak Number 20 Pentadecane, 2,6,10,14-tetr... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	33.06 ng	1562890	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	78
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
5	Hexadecane	226	C16H34	000544-76-3	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020916\
Data File : BF084966.D
Acq On : 9 Feb 2016 21:48
Operator : SJ/IZ
Sample : H1386-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B005(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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
Octane, 3-methyl-	4.68	40.0	ng	2365910	1	6.64	1183950	20.0
Octane, 4-methyl-	5.08	56.4	ng	3339240	1	6.64	1183950	20.0
unknown5.77	5.77	47.3	ng	2798400	1	6.64	1183950	20.0
Octane, 3,6-dimet...	5.87	52.7	ng	3119960	1	6.64	1183950	20.0
Benzene, propyl-	6.08	68.3	ng	4043960	1	6.64	1183950	20.0
Octane, 2,5-dimet...	6.13	63.7	ng	3768490	1	6.64	1183950	20.0
Octane, 2-methyl-	6.17	41.7	ng	2469840	1	6.64	1183950	20.0
Nonane, 3-methyl-	6.22	53.1	ng	3145000	1	6.64	1183950	20.0
unknown6.41	6.41	120.1	ng	7110790	1	6.64	1183950	20.0
Benzene, (2-methy...	6.58	41.5	ng	2456290	1	6.64	1183950	20.0
Benzene, 1,3-diet...	6.90	79.3	ng	4694260	1	6.64	1183950	20.0
Benzene, 1-ethyl-...	6.97	39.2	ng	2322370	1	6.64	1183950	20.0
Decane, 2-methyl-	7.00	34.8	ng	2061020	1	6.64	1183950	20.0
Undecane, 3,4-dim...	7.05	48.6	ng	2878430	1	6.64	1183950	20.0
Heptylcyclohexane	8.84	72.5	ng	7799670	3	9.68	2150360	20.0
Hexadecane	9.10	36.4	ng	3909970	3	9.68	2150360	20.0
unknown9.14	9.14	36.9	ng	3971860	3	9.68	2150360	20.0
Naphthalene, 2,7-...	9.26	30.8	ng	3306670	3	9.68	2150360	20.0
Pentadecane, 2,6,...	10.60	33.1	ng	1562890	4	11.15	945617	20.0