LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084832.D
Acq On : 4 Feb 2016 16:47
Operator : SJ/IZ
Sample : H1306-08 25X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLFS-RL01

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	5.196	270	272	276	rBV2	519759	991121	6.94%	0.327%
2	5.470	295	296	301	rVB	545694	756960	5.30%	0.250%
3	5.550	301	303	306	rVB	812333	980296	6.87%	0.323%
4	5.904	332	334	338	rVB2	958670	1372576	9.61%	0.453%
5	6.110	348	352	355	rBV3	352524	913110	6.39%	0.301%
6	6.190	355	359	361	rVV3	1645898	2910623	20.38%	0.960%
7	6.270	364	366	368	rBV	1539040	1625534	11.38%	0.536%
8	6.350	371	373	376	rVB3	478510	962736	6.74%	0.318%
9	6.407	376	378	380	rBV2	590228	1176200	8.24%	0.388%
10	6.521	384	388	390	rVB2	4606052	6866336	48.09%	2.266%
11	6.636	394	398	400	rBV4	418861	1233487	8.64%	0.407%
12	6.670	400	401	402	rVV	1162617	1170322	8.20%	0.386%
13	6.704	402	404	405	rVV	2497042	2428620	17.01%	0.801%
14	6.739	405	407	409	rVV	1549168	2029330	14.21%	0.670%
15	6.830	411	415	419	rVB5	1642054	3535085	24.76%	1.167%
16	6.967	419	427	428	rBV4	1565705	4023481	28.18%	1.328%
17	7.002	428	430	431	rVV	2103468	1993285	13.96%	0.658%
18	7.036	431	433	435	rVV	1372036	1562485	10.94%	0.516%
19	7.082	435	437	442	rVB2	1841883	2943181	20.61%	0.971%
20	7.173	442	445	446	rBV2	979082	1613411	11.30%	0.532%
21	7.219	446	449	452	rVV4	1734340	3359915	23.53%	1.109%
22	7.264	452	453	454	rVV	782810	1019020	7.14%	0.336%
23	7.299	454	456	458	rVV	6713832	8300580	58.13%	2.739%
24	7.333	458	459	461	rVB2	1363883	1710164	11.98%	0.564%
25	7.379	461	463	464	rBV2	751113	1119456	7.84%	0.369%
26	7.402	464	465	467	rVV	1229975	1609962	11.27%	0.531%
27	7.459	467	470	471	rVV3	1030599	1743117	12.21%	0.575%
28	7.482	471	472	475	rVB2	2536456	3277894	22.96%	1.082%
29	7.607	479	483	486	rVV5	1821269	4993448	34.97%	1.648%
30	7.664	486	488	489	rVV	1519159	2113914	14.80%	0.698%
31	7.699	489	491	493	rVV2	2384488	4319358	30.25%	1.425%
32	7.733	493	494	496	rVV2	3036953	3195179	22.38%	1.054%
33	7.779	496	498	499	rVV	2189809	2560266	17.93%	0.845%
34	7.847	502	504	508	rVV3	751369	2072055	14.51%	0.684%

LSC Area Percent Report

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Acq On : 4 Feb 2016 16:47
Operator : SJ/IZ
Sample : H1306-08 25X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLFS-RL01

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	7.927	508	511	512	rVV3	1362970	2476184	17.34%	0.817%
36	7.973	512	515	517	rVV3	8898700	14279572	100.00%	4.712%
37	8.019	518	519	520	rVV	1526569	1687806	11.82%	0.557%
38	8.053	520	522	525	rVV2	3702700	6149342	43.06%	2.029%
39	8.145	527	530	531	rVV2	909916	1868634	13.09%	0.617%
40	8.179	531	533	535	rVV2	1630923	2842299	19.90%	0.938%
41	8.213	535	536	537	rVV	931847	947229	6.63%	0.313%
42	8.270	537	541	545	rVV6	2261795	6799415	47.62%	2.244%
43	8.327	545	546	547	rVV	2047227	1966619	13.77%	0.649%
44	8.362	547	549	550	rVV	2907856	3319349	23.25%	1.095%
45	8.407	550	553	557	rVV2	5559975	8825639	61.81%	2.912%
46	8.476	557	559	561	rVV2	2895458	3421259	23.96%	1.129%
47	8.510	561	562	565	rVV3	1236423	2493784	17.46%	0.823%
48	8.590	565	569	570	rVV	7525461	13598188	95.23%	4.487%
49	8.636	570	573	574	rVV2	2118000	3988928	27.93%	1.316%
50	8.682	574	577	579	rVV2	3087661	5432046	38.04%	1.793%
51	8.716	579	580	581	rVV	632357	804354	5.63%	0.265%
52	8.785	583	586	588	rVV2	2663713	5676909	39.76%	1.873%
53	8.876	591	594	598	rVV5	1875261	6631244	46.44%	2.188%
54	8.933	598	599	602	rVV	1948324	3127071	21.90%	1.032%
55	9.002	602	605	609	rVV2	3714982	7071618	49.52%	2.334%
56	9.150	613	618	620	rVV	8298501	12941031	90.63%	4.270%
57	9.196	620	622	623	rVV2	1512572	2429136	17.01%	0.802%
58	9.242	625	626	628	rVV	1647006	1998447	14.00%	0.659%
59	9.310	629	632	635	rVV	2525717	4661877	32.65%	1.538%
60	9.390	636	639	640	rVV	3613600	5806772	40.66%	1.916%
61	9.459	642	645	646	rVV	4223534	5834909	40.86%	1.925%
62	9.516	648	650	651	rVB2	1622007	2036511	14.26%	0.672%
63	9.585	654	656	659	rVB3	1045413	1553917	10.88%	0.513%
64	9.676	661	664	665	rVB	6777736	7559283	52.94%	2.495%
65	9.722	665	668	669	rBV2	1211132	2335494	16.36%	0.771%
66	9.825	675	677	680	rVB	1620612	2369289	16.59%	0.782%
67	9.928	680	686	687	rVV3	2532590	4486345	31.42%	1.480%
68	9.962	687	689	690	rVV2	1627916	2280742	15.97%	0.753%
69	10.042	693	696	697	rVV2	1152039	1784374	12.50%	0.589%
70	10.122	701	703	704	rVV2	920066	1337254	9.36%	0.441%
71	10.168	704	707	709	rVV	5843920	6399555	44.82%	2.112%

LSC Area Percent Report

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Operator : SJ/IZ
Sample : H1306-08 25X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLFS-RL01

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	10.213	709	711	713	rVB2	637596	829871	5.81%	0.274%
73	10.293	716	718	719	rVV2	662532	940172	6.58%	0.310%
74	10.328	719	721	722	rVV	773354	806597	5.65%	0.266%
75	10.385	724	726	727	rVV	2552334	3006057	21.05%	0.992%
76	10.430	727	730	731	rVB2	883414	1237765	8.67%	0.408%
77	10.465	731	733	734	rBV	906804	815408	5.71%	0.269%
78	10.499	734	736	738	rVB3	852145	1245406	8.72%	0.411%
79	10.636	746	748	752	rVB	5004443	7388730	51.74%	2.438%
80	10.705	752	754	755	rVB2	770201	825682	5.78%	0.272%
81	10.728	755	756	760	rBV4	301416	842253	5.90%	0.278%
82	10.842	761	766	769	rVV6	943450	2977436	20.85%	0.983%
83	10.956	774	776	778	rVB3	750054	888644	6.22%	0.293%
84	11.082	785	787	788	rBV	3872429	3324873	23.28%	1.097%
85	11.116	788	790	793	rVB	1993372	2797823	19.59%	0.923%
86	11.196	795	797	800	rBV2	1204427	1926195	13.49%	0.636%
87	11.253	800	802	805	rBV4	538931	1097003	7.68%	0.362%
88	11.322	805	808	811	rBV3	788268	1537251	10.77%	0.507%
89	11.505	822	824	827	rVB	3595203	3333589	23.35%	1.100%
90	11.699	839	841	842	rVV	800454	782313	5.48%	0.258%
91	11.722	842	843	846	rVV3	911847	1009410	7.07%	0.333%
92	11.802	848	850	856	rVB4	948052	2131708	14.93%	0.703%
93	11.916	858	860	862	rBV	2080740	2744751	19.22%	0.906%
94	12.133	877	879	881	rVV2	457931	785320	5.50%	0.259%
95	12.248	887	889	890	rVV	942410	1144902	8.02%	0.378%
96	12.294	891	893	895	rVV	2242566	2400262	16.81%	0.792%
97	12.671	923	926	927	rBV	1419077	1674632	11.73%	0.553%
98	13.025	954	957	958	rBV	942132	1095779	7.67%	0.362%
99	13.814	1024	1026	1029	rVB	974910	996711	6.98%	0.329%
100	15.185	1143	1146	1149	rBV	623742	744268	5.21%	0.246%

Sum of corrected areas: 303035743

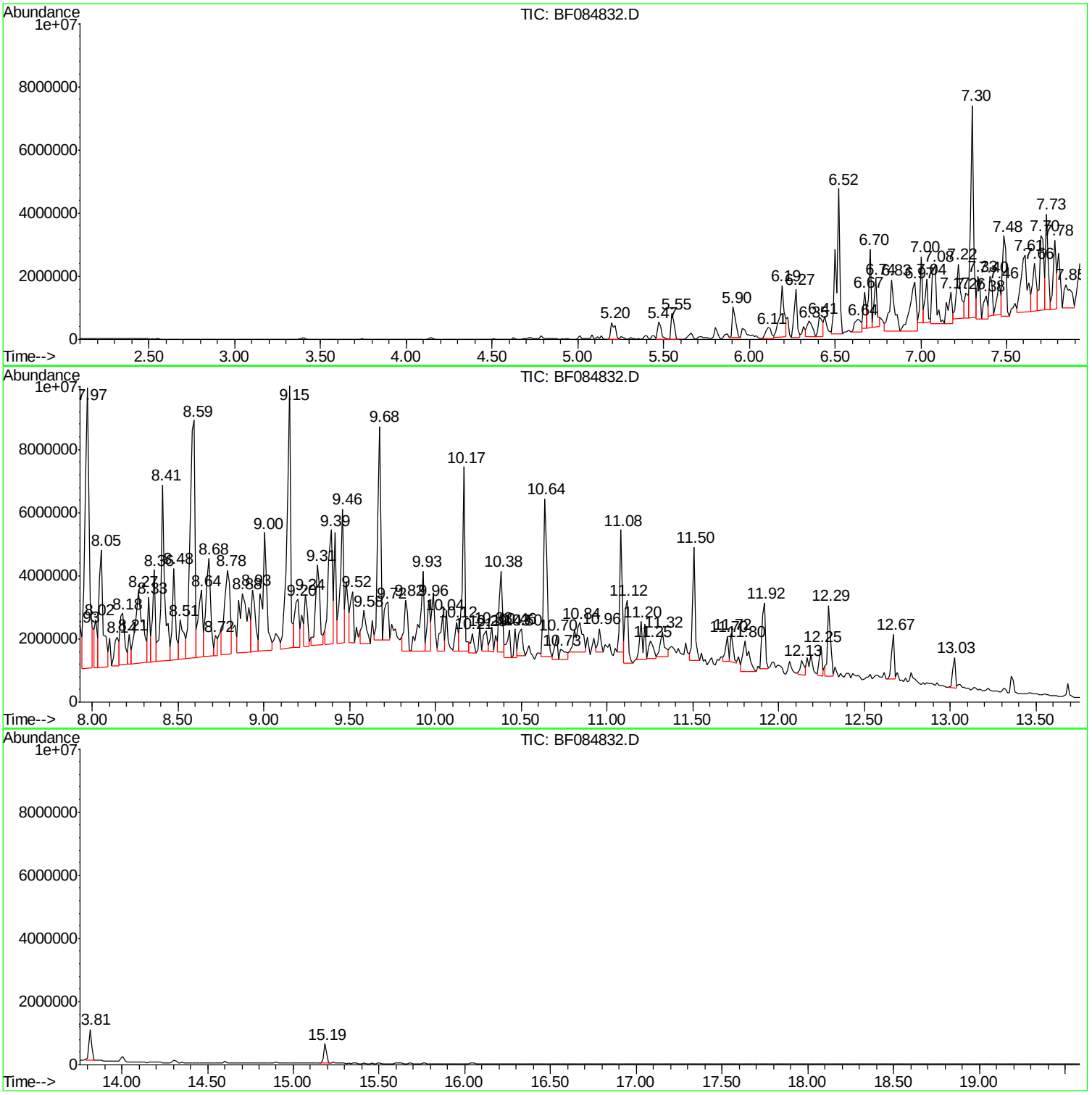
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084832.D
Acq On : 4 Feb 2016 16:47
Operator : SJ/IZ
Sample : H1306-08 25X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLFS-RL01

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\BF020416\
Data File : BF084832.D
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Operator : SJ/IZ
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Instrument : BNA_F
ClientSampleId : BLFS-RL01

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

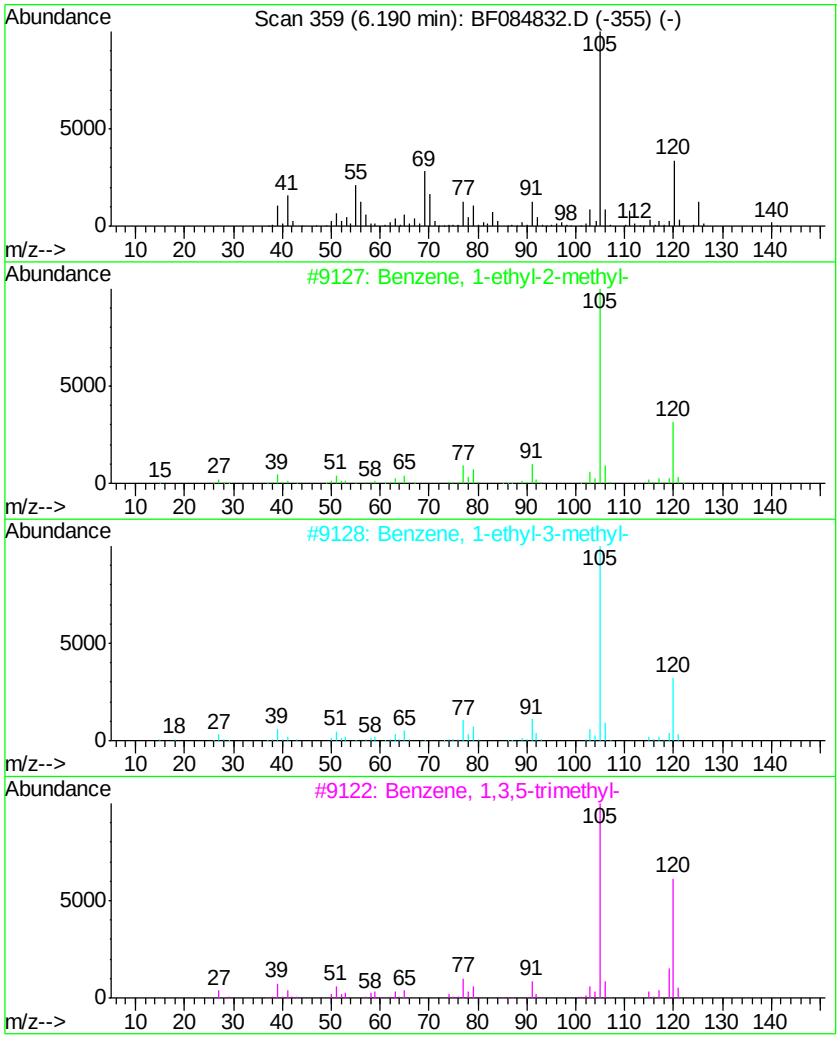
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

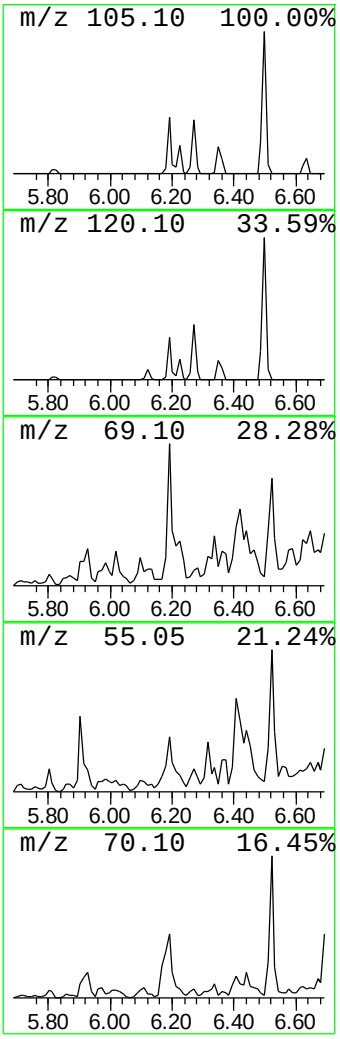
****

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.19	49.74 ng	2910620	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	87
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084832.D
Acq On : 4 Feb 2016 16:47
Operator : SJ/IZ
Sample : H1306-08 25X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLFS-RL01

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

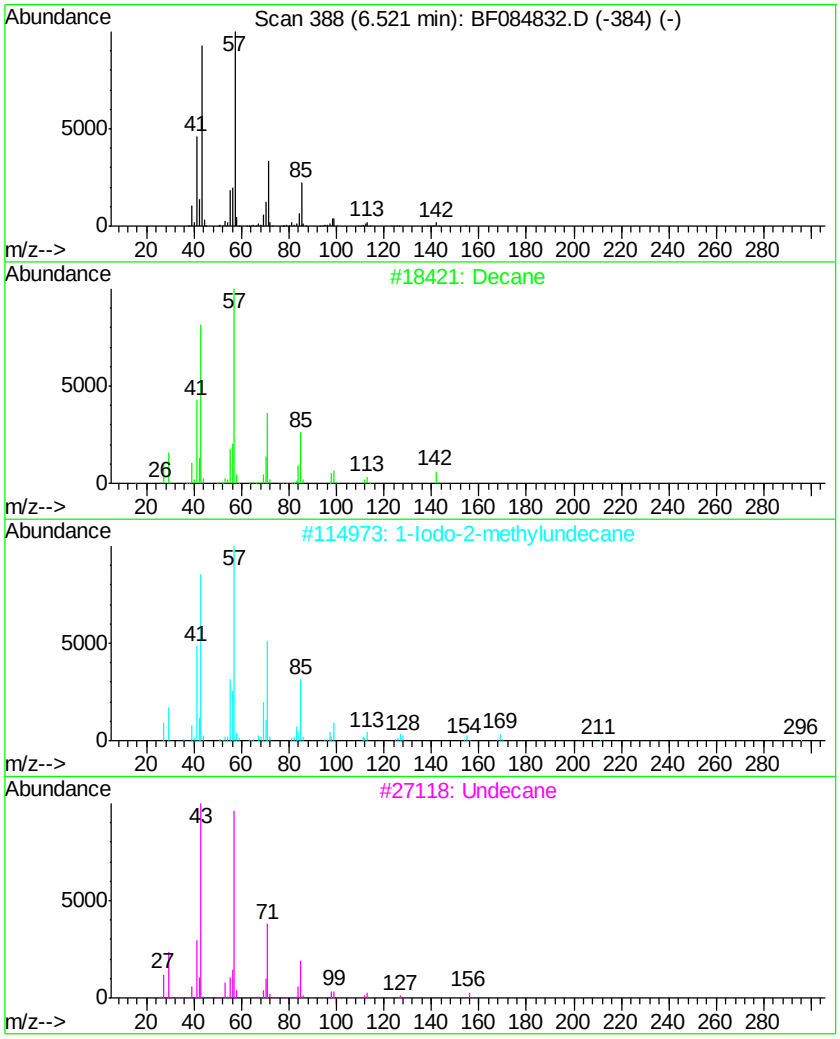
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

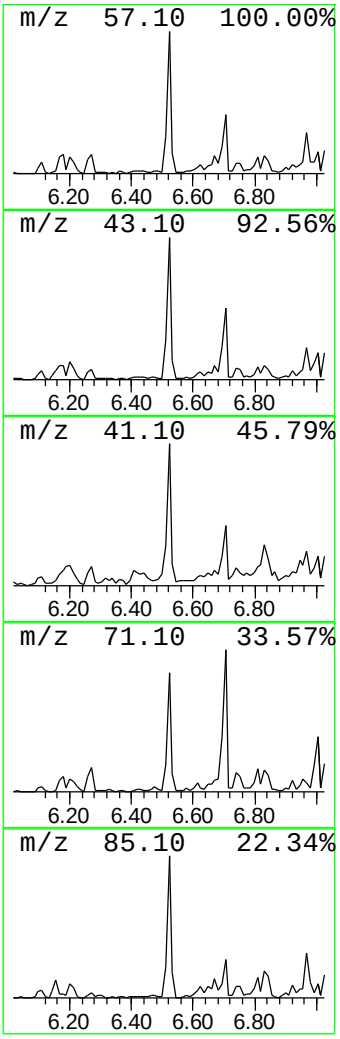
****

Peak Number 2 Decane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	117.34 ng	6866340	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	95
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	83
3	Undecane	156	C11H24	001120-21-4	72
4	Octane	114	C8H18	000111-65-9	64
5	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64





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Sample : H1306-08 25X
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Instrument : BNA_F
ClientSampleId : BLFS-RL01

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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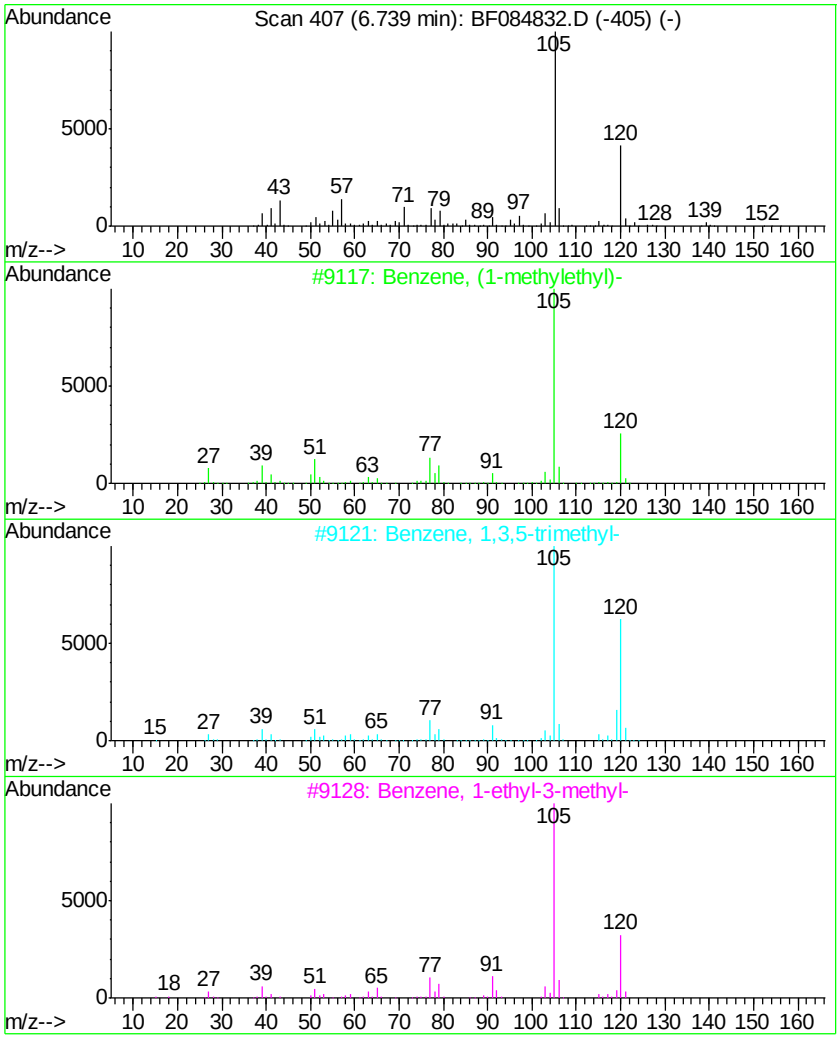
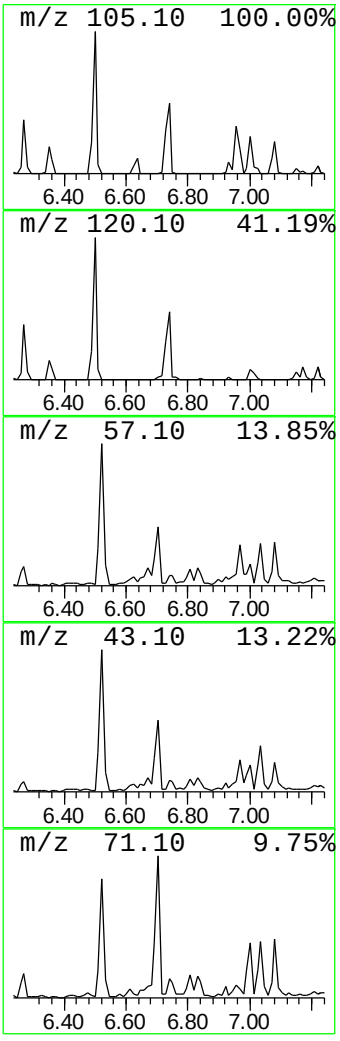
Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	34.68 ng	2029330	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	62
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	62
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	58
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	58
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084832.D
Acq On : 4 Feb 2016 16:47
Operator : SJ/IZ
Sample : H1306-08 25X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLFS-RL01

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

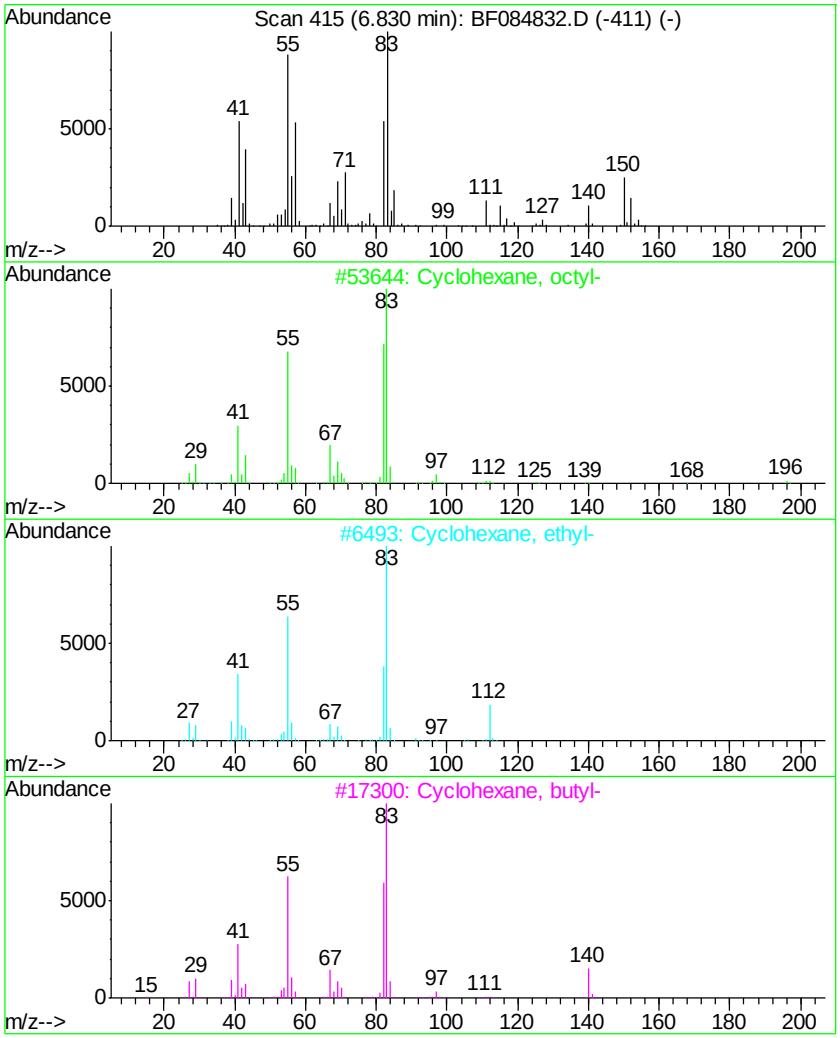
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

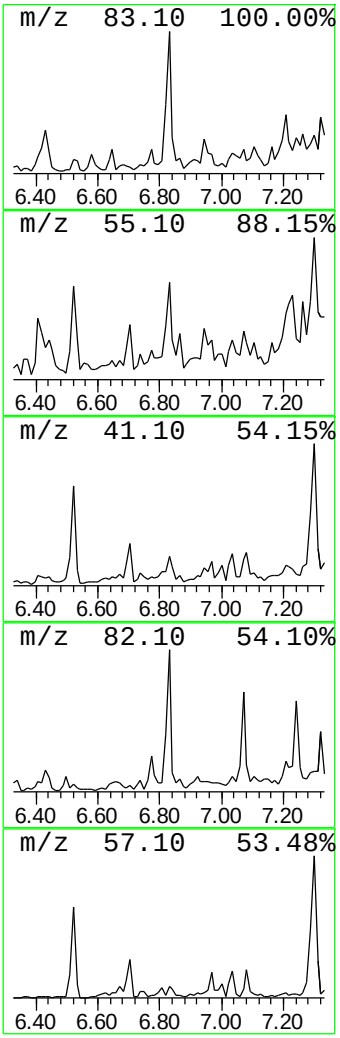
****

Peak Number 4 unknown6.83 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	60.41 ng	3535090	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	47
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	47
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	47
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	47
5	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
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Acq On : 4 Feb 2016 16:47
Operator : SJ/IZ
Sample : H1306-08 25X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLFS-RL01

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

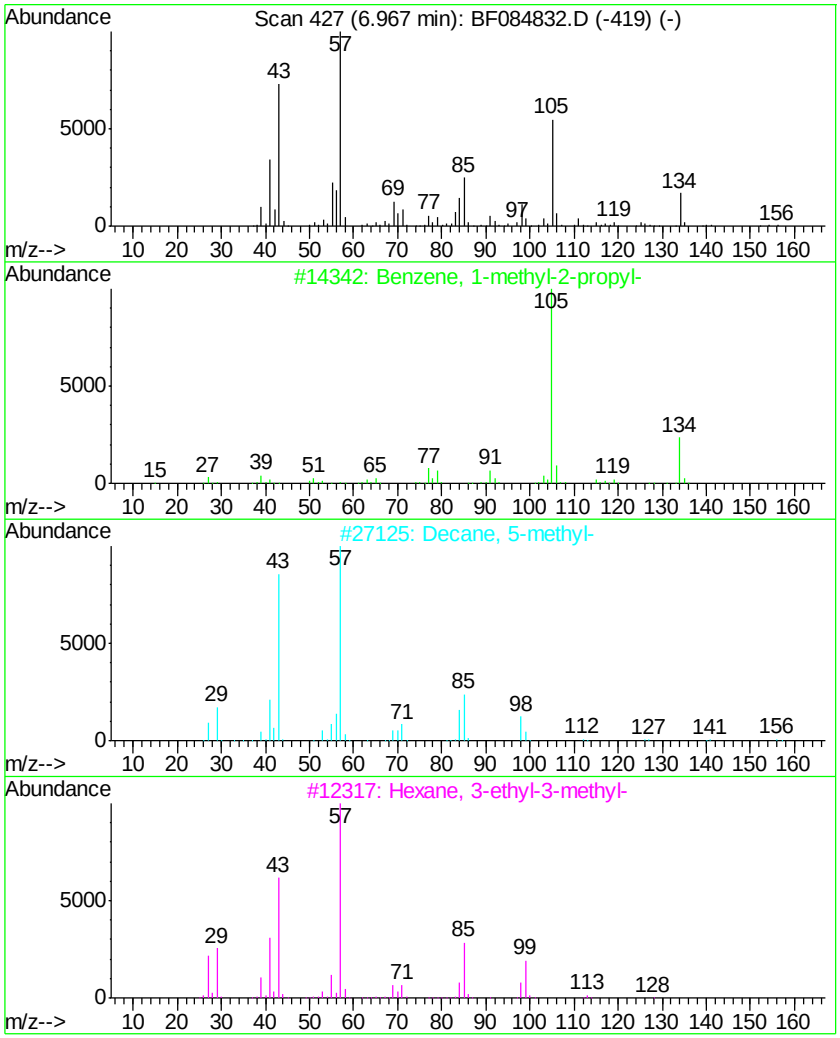
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

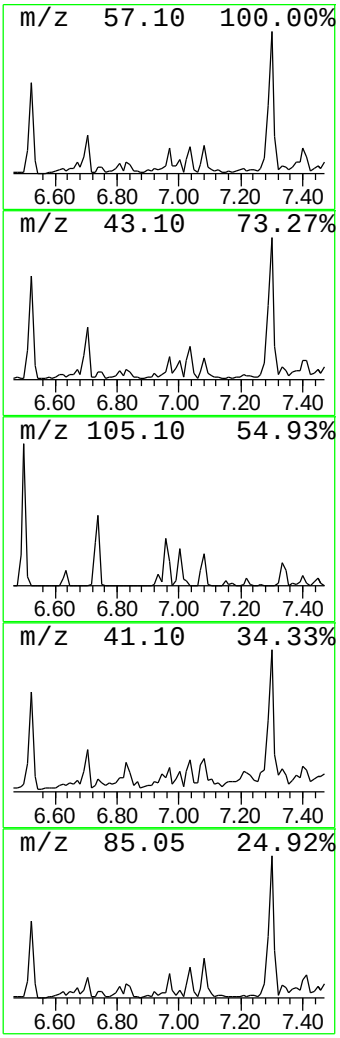
****

Peak Number 5 Benzene, 1-methyl-2-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	68.76 ng	4023480	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	60
2	Decane, 5-methyl-	156	C11H24	013151-35-4	50
3	Hexane, 3-ethyl-3-methyl-	128	C9H20	003074-76-8	47
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	42
5	Pentane, 3-ethyl-2,3-dimethyl-	128	C9H20	016747-33-4	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084832.D
Acq On : 4 Feb 2016 16:47
Operator : SJ/IZ
Sample : H1306-08 25X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLFS-RL01

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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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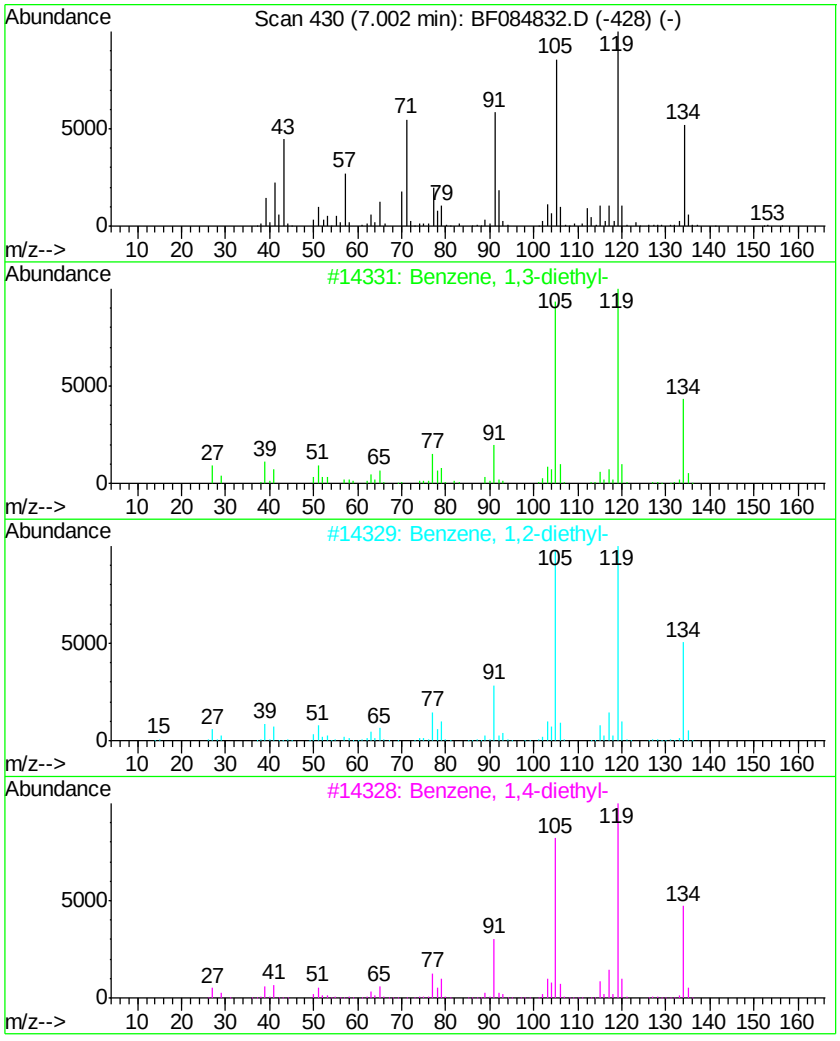
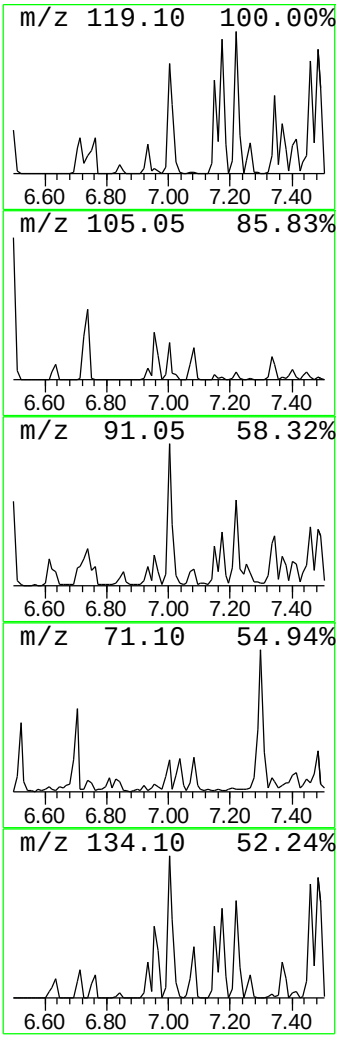
Peak Number 6 Benzene, 1,3-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	34.06 ng	1993290	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	89
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	86





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Acq On : 4 Feb 2016 16:47
Operator : SJ/IZ
Sample : H1306-08 25X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLFS-RL01

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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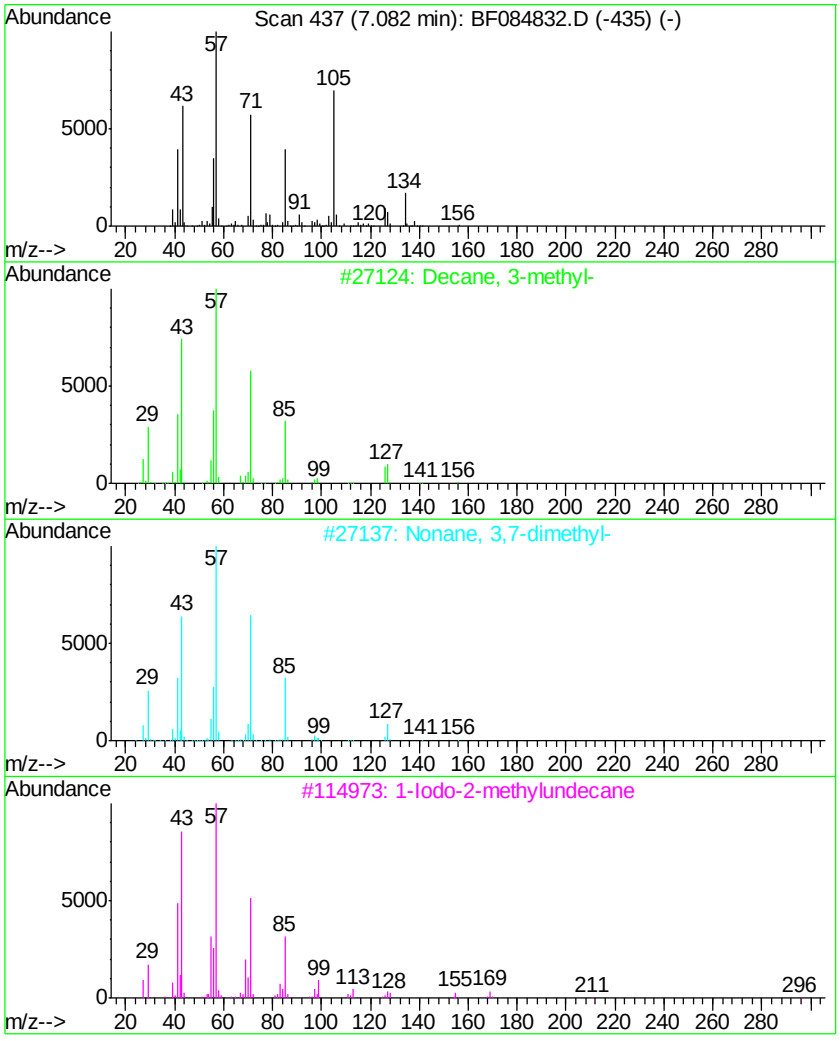
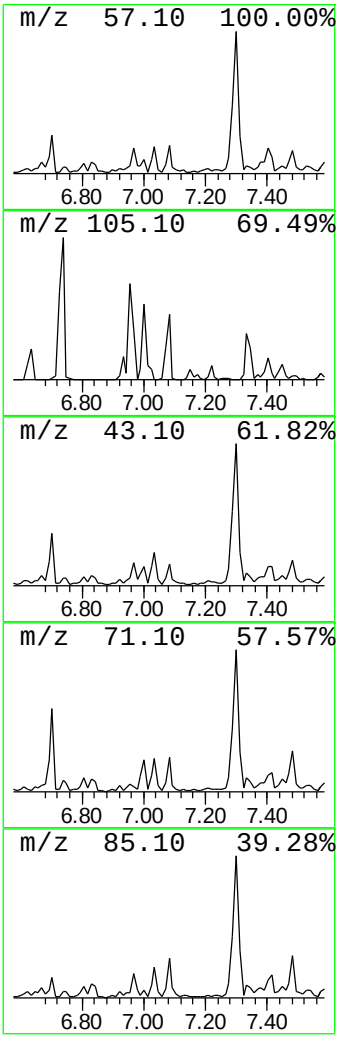
Peak Number 7 Decane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	50.30 ng	2943180	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	70
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	68
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	59
4	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	53
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	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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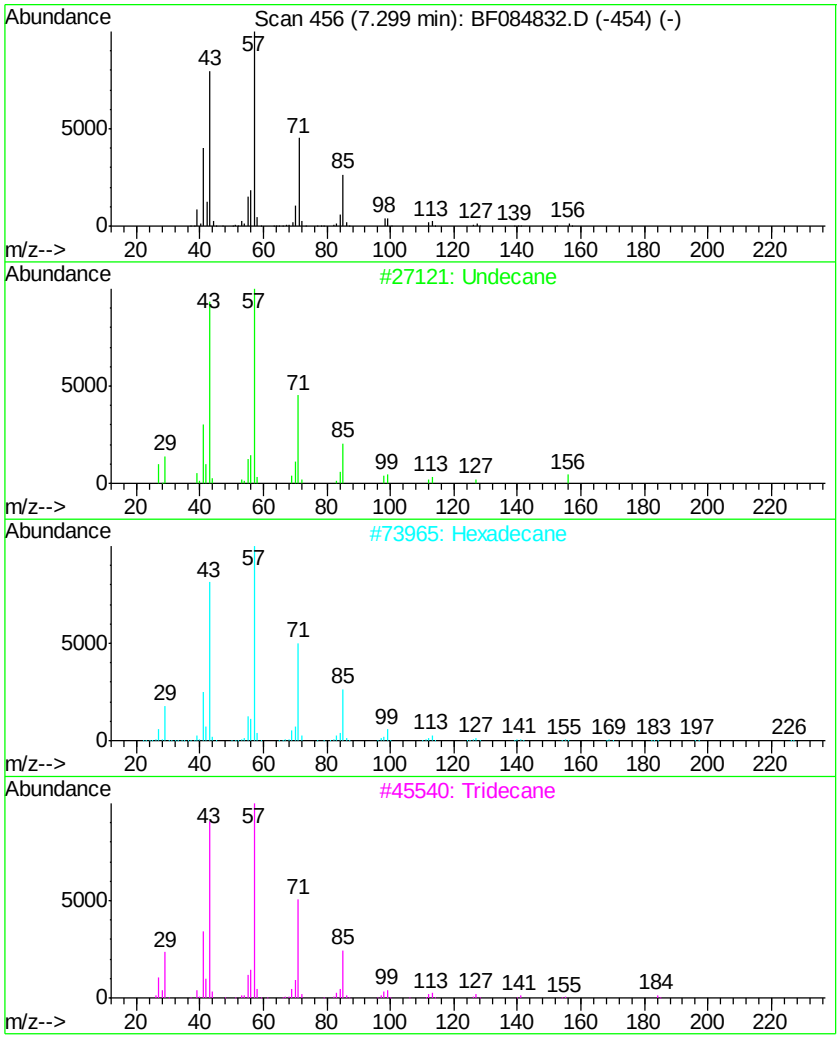
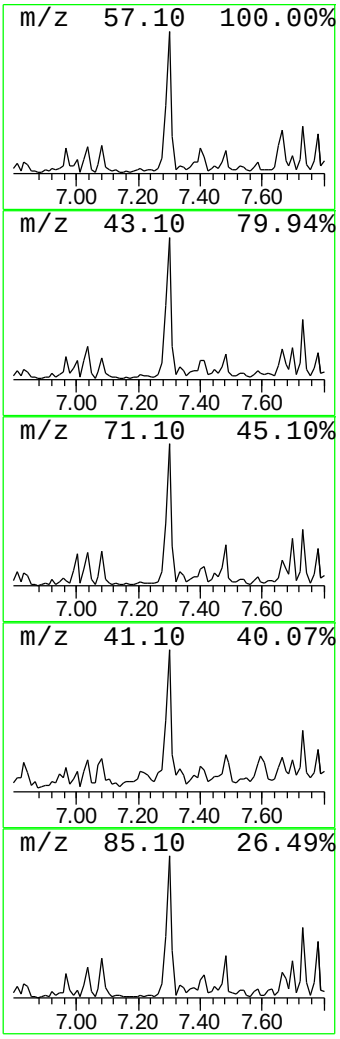
Peak Number 8 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	141.85 ng	8300580	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tridecane	184	C13H28	000629-50-5	86
4	Tetradecane	198	C14H30	000629-59-4	83
5	Eicosane	282	C20H42	000112-95-8	83





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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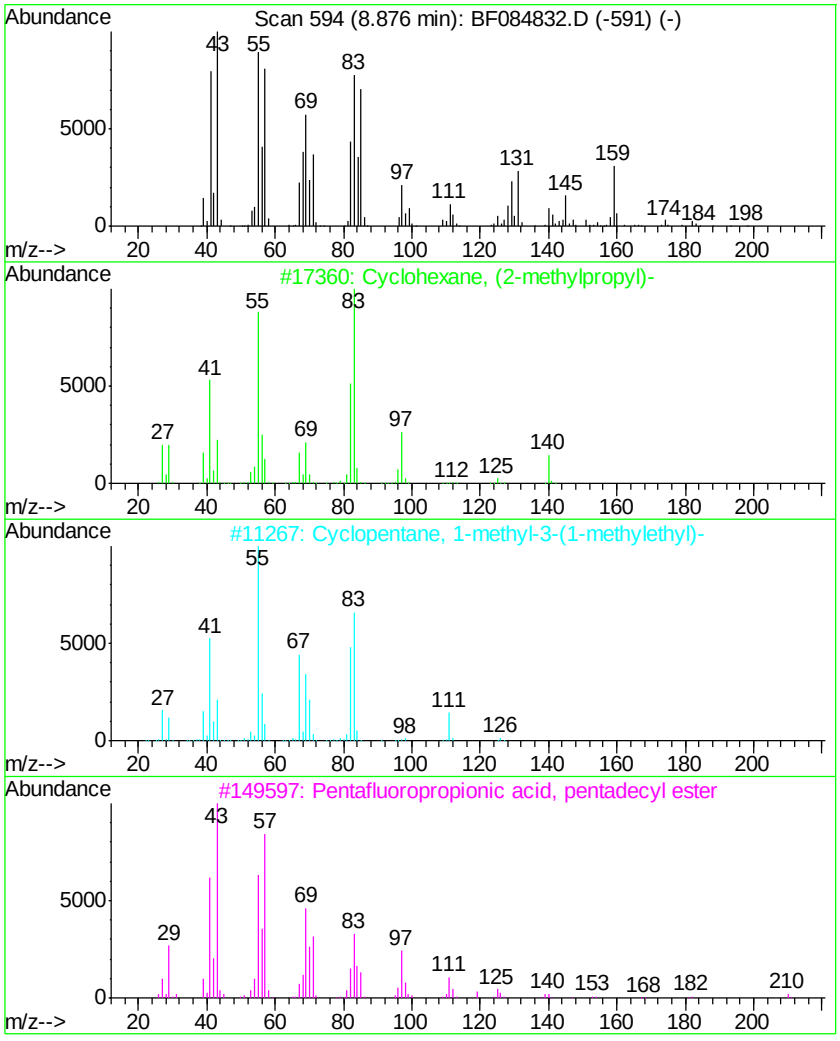
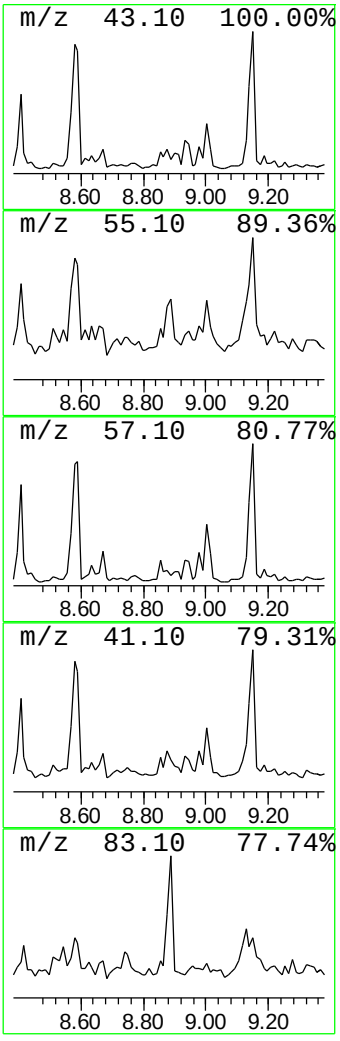
Peak Number 9 unknown8.88 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	56.79 ng	6631240	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	43
2	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	38
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	1000280-07-5	30
4	3-Hexene, 2,2-dimethyl-, (Z)-	112	C8H16	000690-92-6	25
5	Hexane, 3-methyl-4-methylene-	112	C8H16	003404-67-9	25





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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLFS-RL01

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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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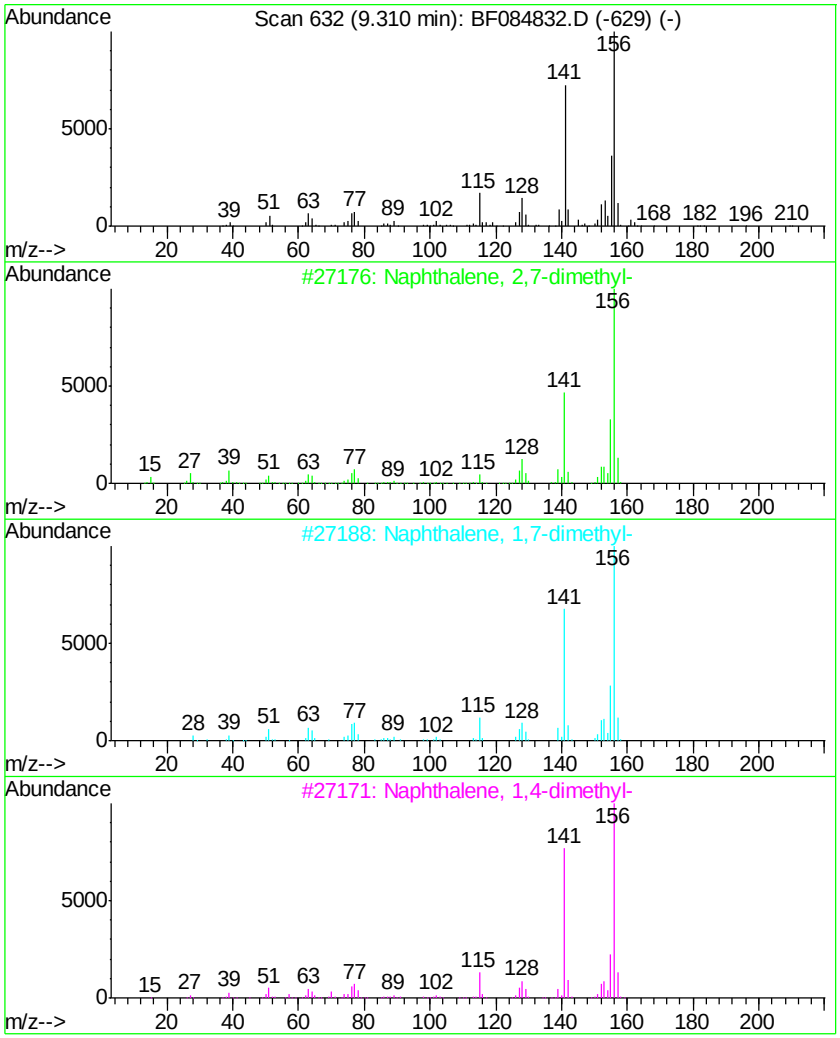
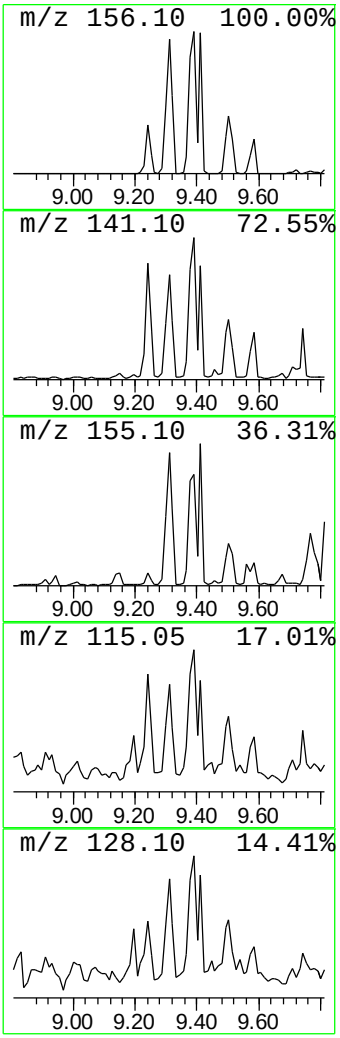
Peak Number 10 Naphthalene, 2,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	39.92 ng	4661880	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Library Search Compound Report

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Acq On : 4 Feb 2016 16:47
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Sample : H1306-08 25X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLFS-RL01

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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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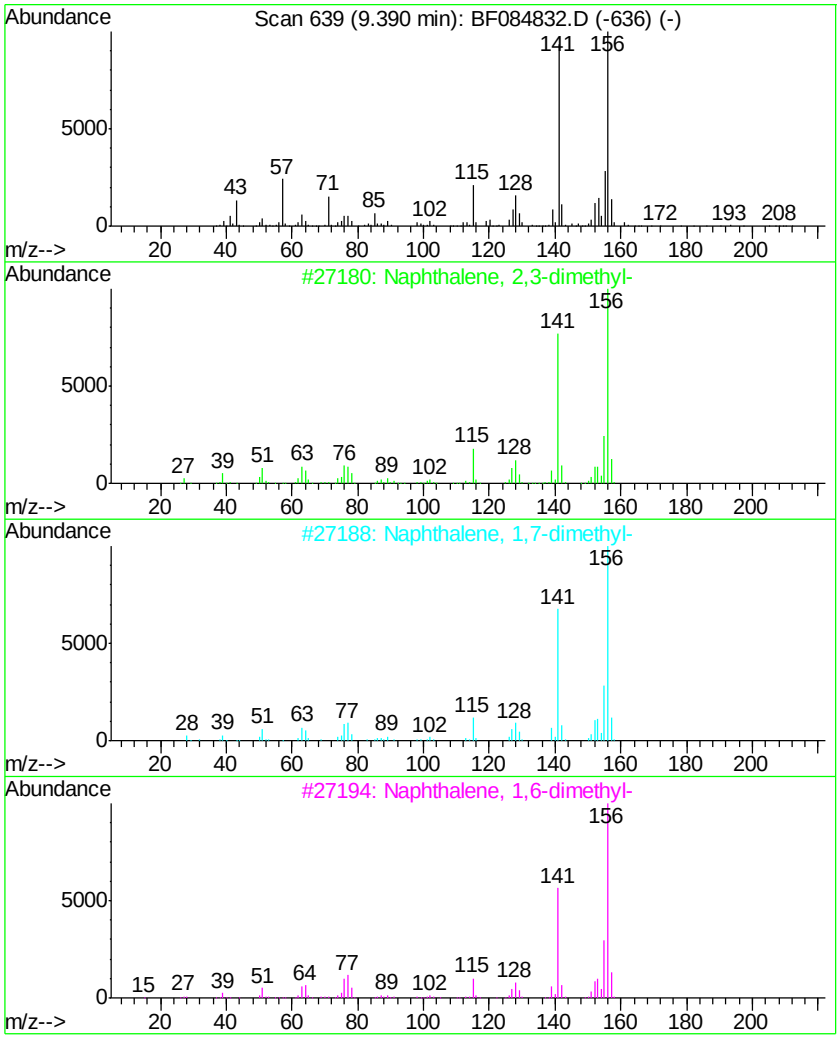
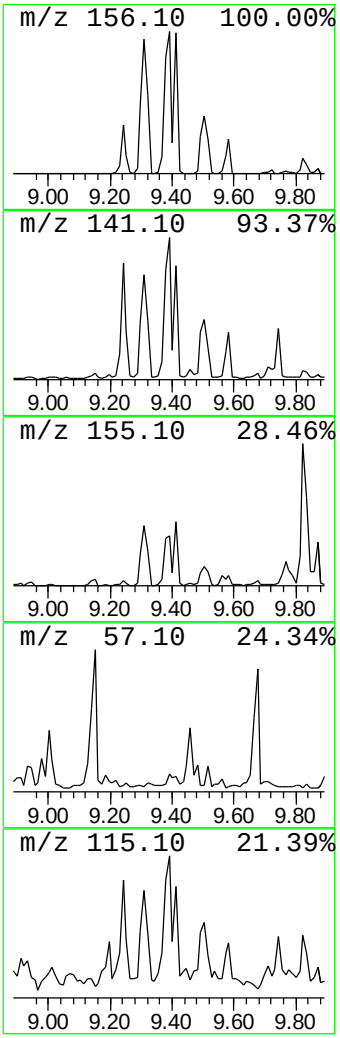
Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	49.73 ng	5806770	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, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Instrument : BNA_F
ClientSampleId : BLFS-RL01

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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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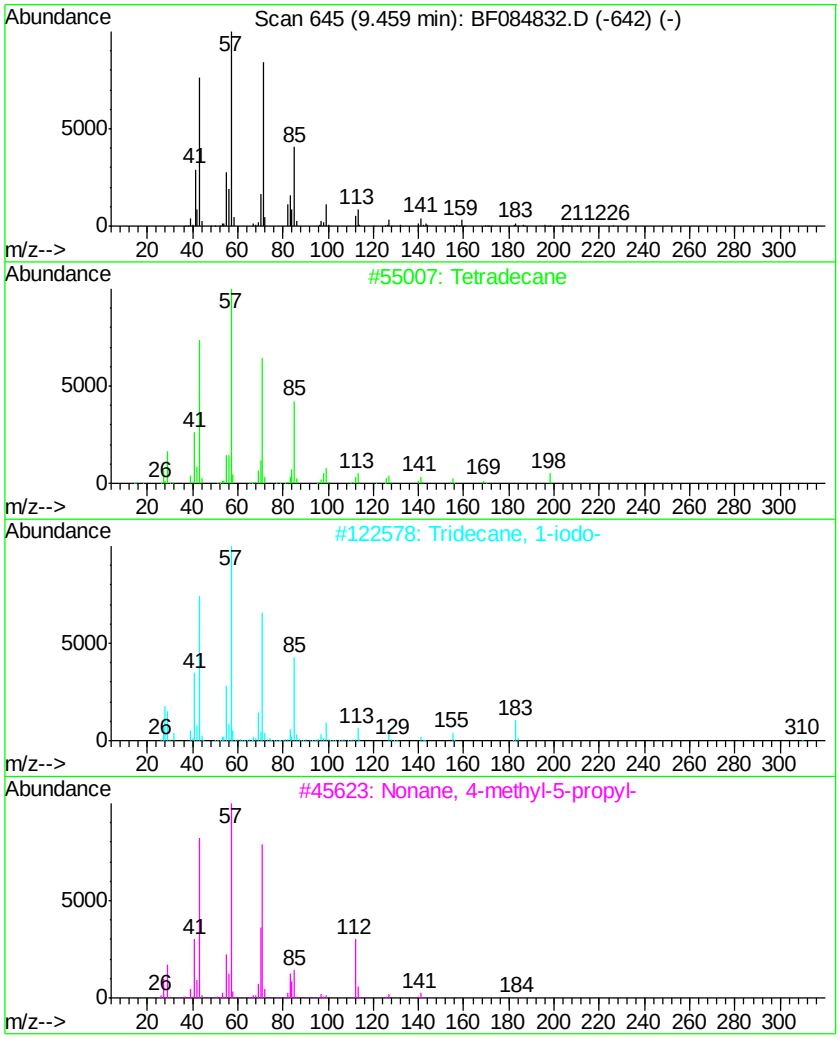
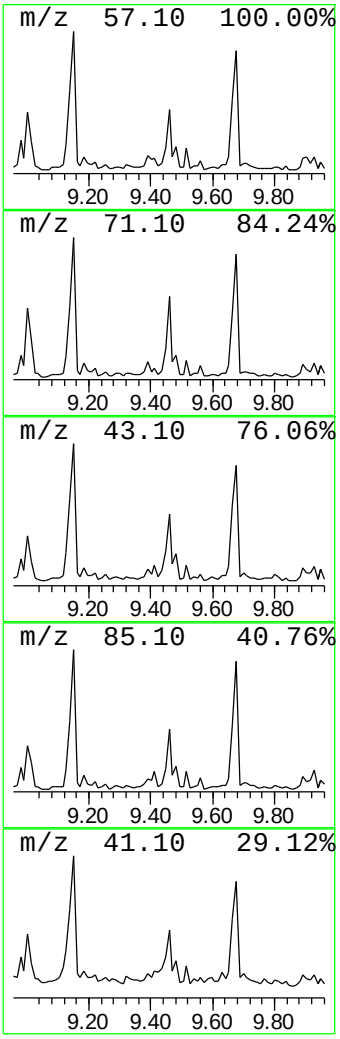
Peak Number 12 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	49.97 ng	5834910	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	78
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
3	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	70
4	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	58
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	50





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Instrument : BNA_F
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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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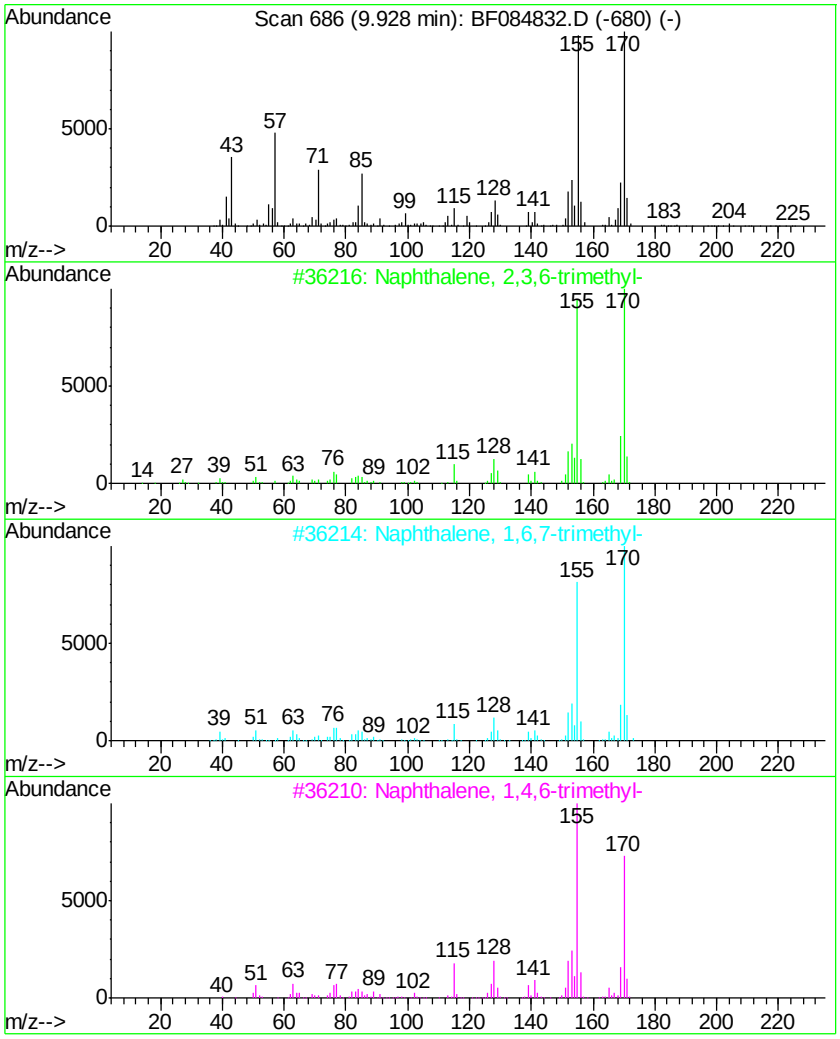
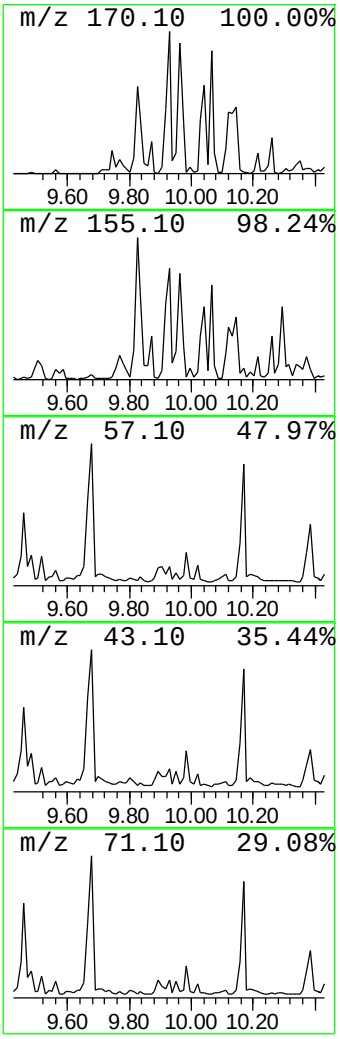
Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	38.42 ng	4486350	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	91
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90





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

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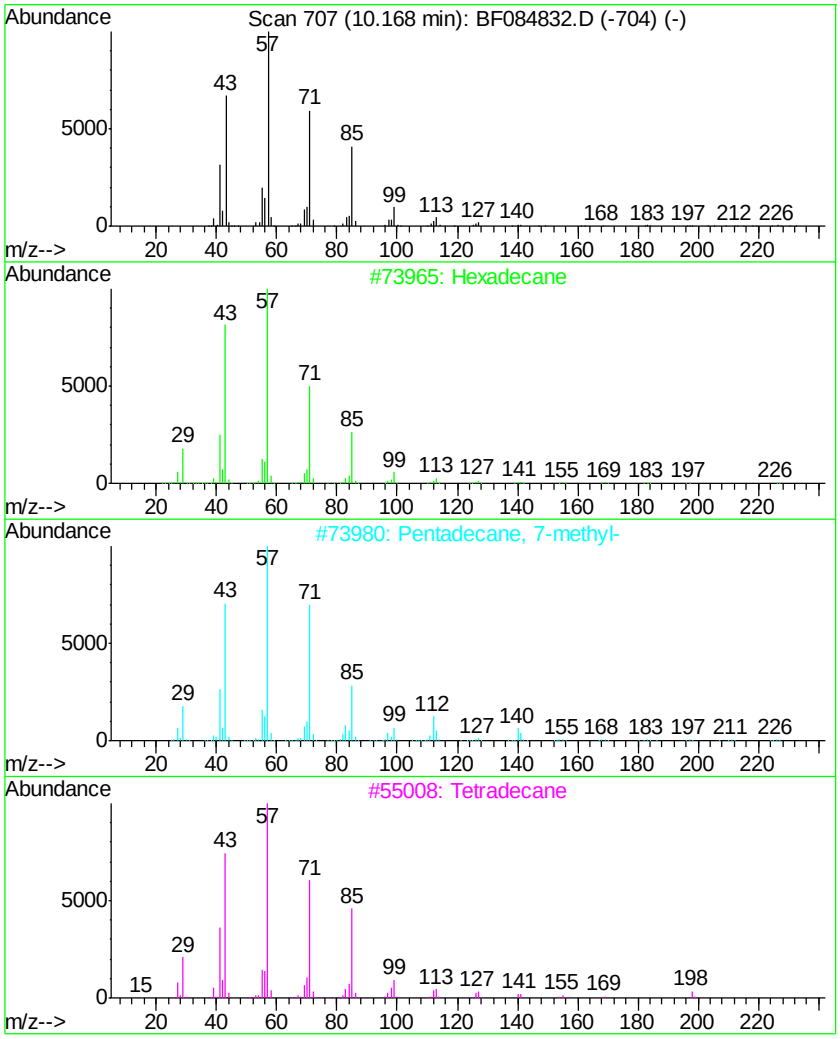
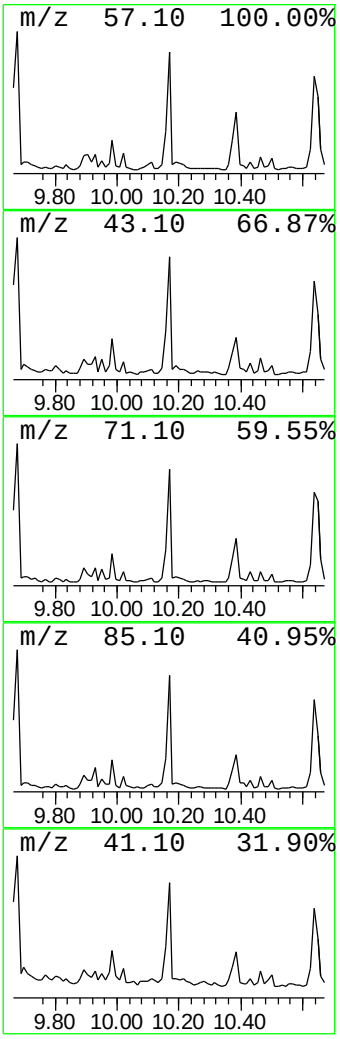
Peak Number 14 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	54.80 ng	6399560	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
3	Tetradecane	198	C14H30	000629-59-4	83
4	Pentadecane	212	C15H32	000629-62-9	83
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





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TIC Library : C:\DATABASE\NIST02.L
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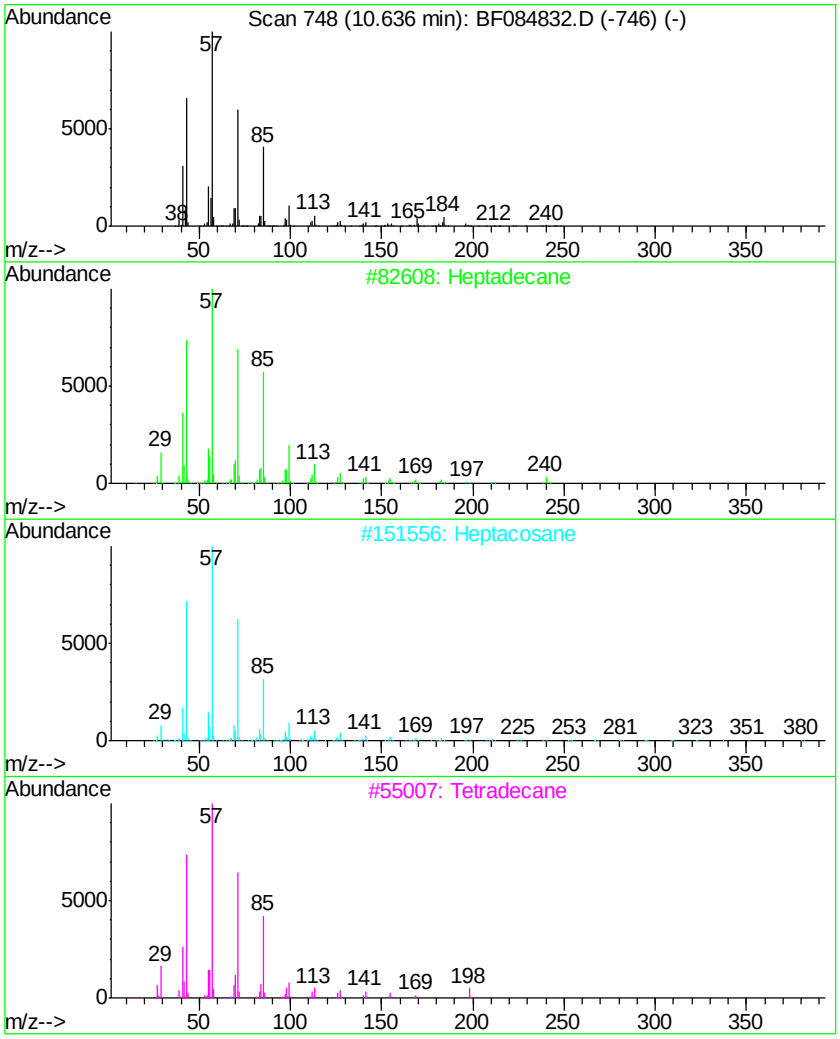
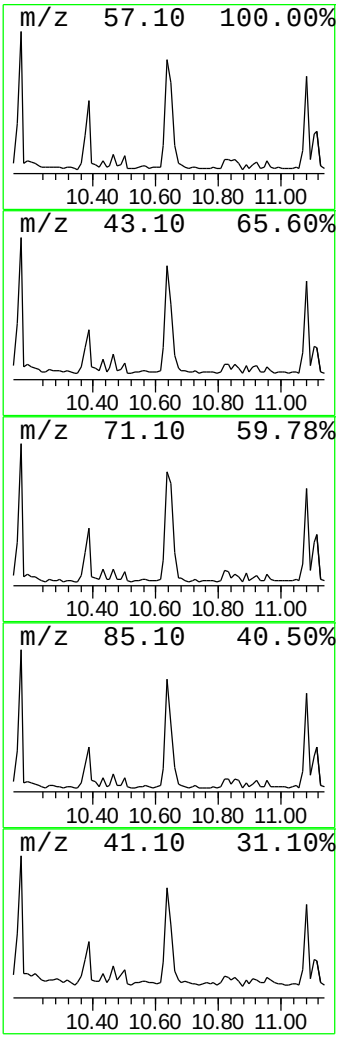
Peak Number 15 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	76.72 ng	7388730	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Heptacosane	380	C27H56	000593-49-7	86
3	Tetradecane	198	C14H30	000629-59-4	81
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	80





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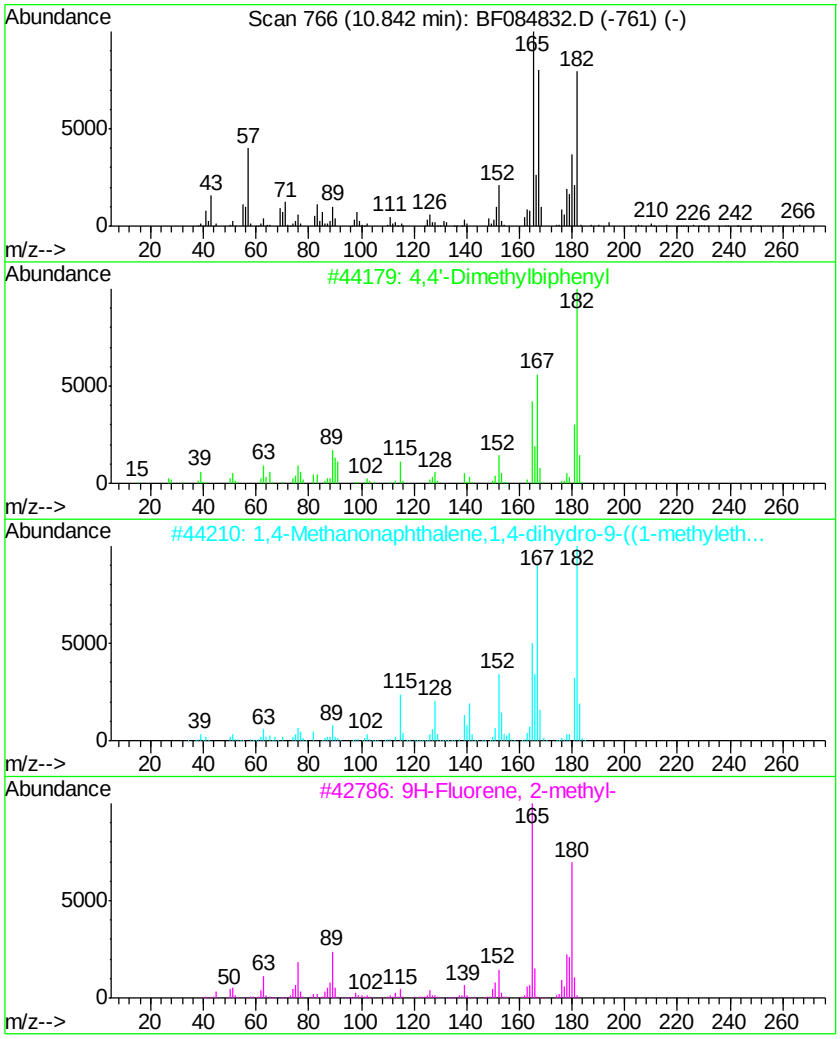
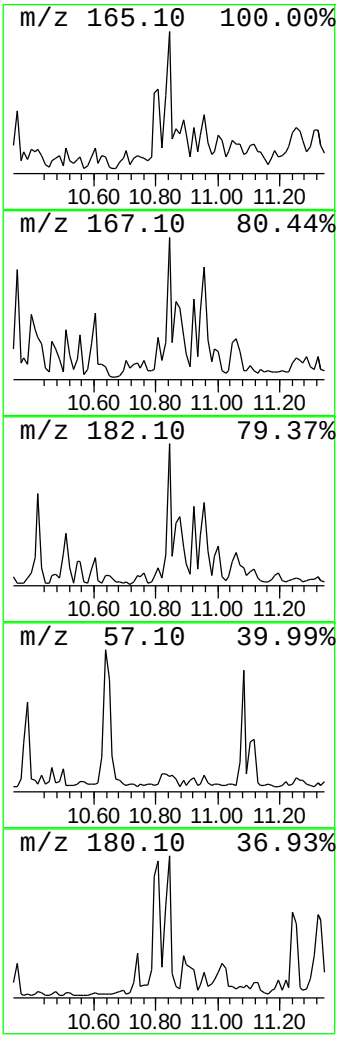
Peak Number 16 4,4'-Dimethylbiphenyl Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	30.92 ng	2977440	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	68
2	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	62
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	42
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	38
5	2-Propanone, 1,1-diphenyl-	210	C15H14O	000781-35-1	25





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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLFS-RL01

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

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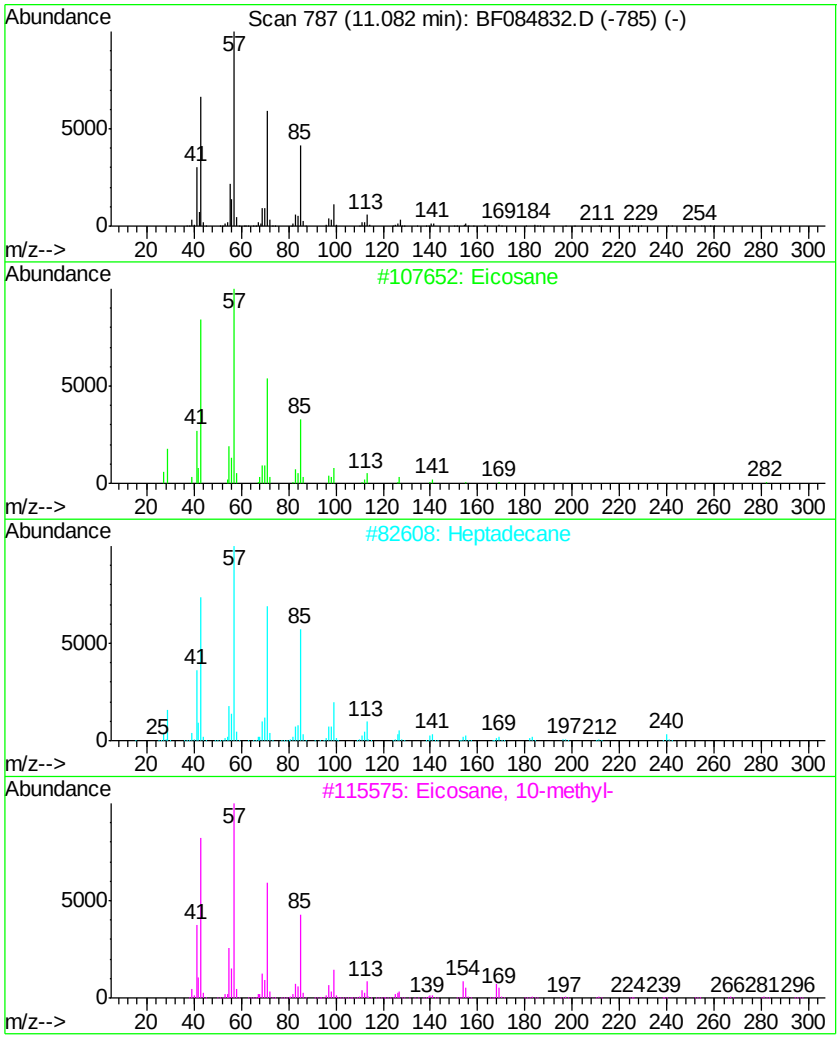
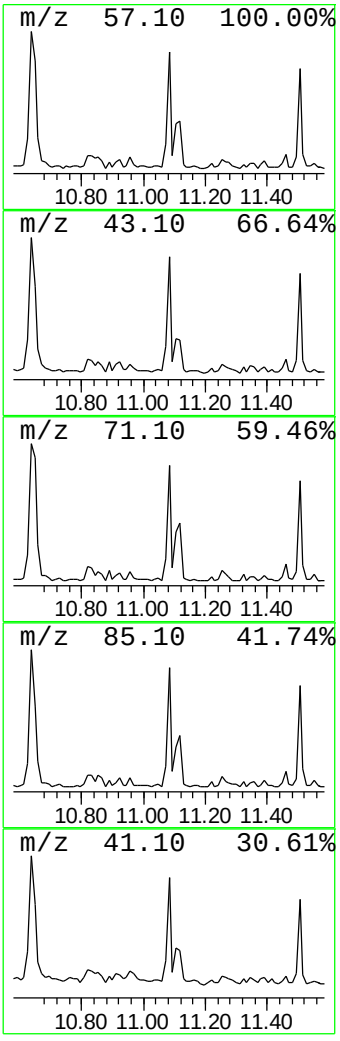
Peak Number 17 Eicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	34.52 ng	3324870	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	89





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084832.D
Acq On : 4 Feb 2016 16:47
Operator : SJ/IZ
Sample : H1306-08 25X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLFS-RL01

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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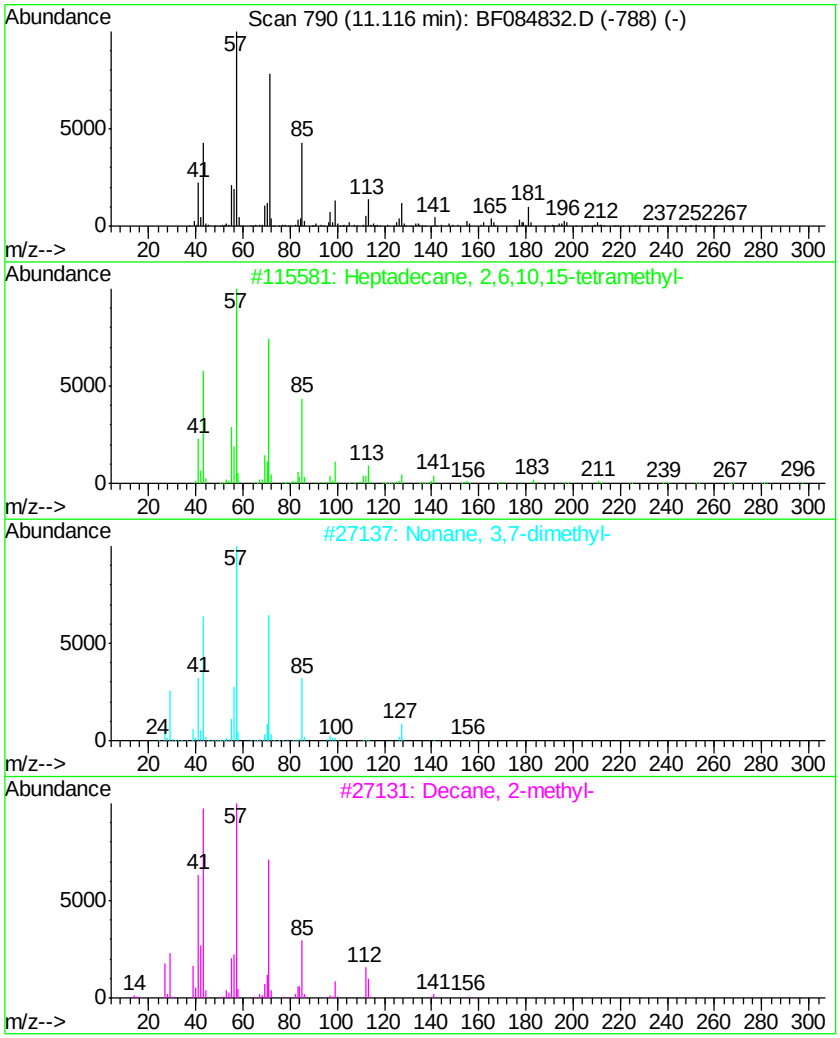
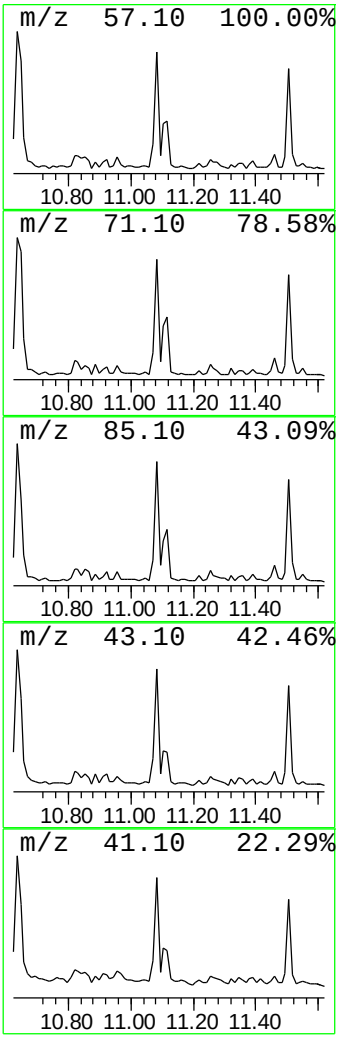
Peak Number 18 Heptadecane, 2,6,10,15-tetr... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	29.05 ng	2797820	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
3	Decane, 2-methyl-	156	C11H24	006975-98-0	68
4	Decane, 3-methyl-	156	C11H24	013151-34-3	64
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084832.D
Acq On : 4 Feb 2016 16:47
Operator : SJ/IZ
Sample : H1306-08 25X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLFS-RL01

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

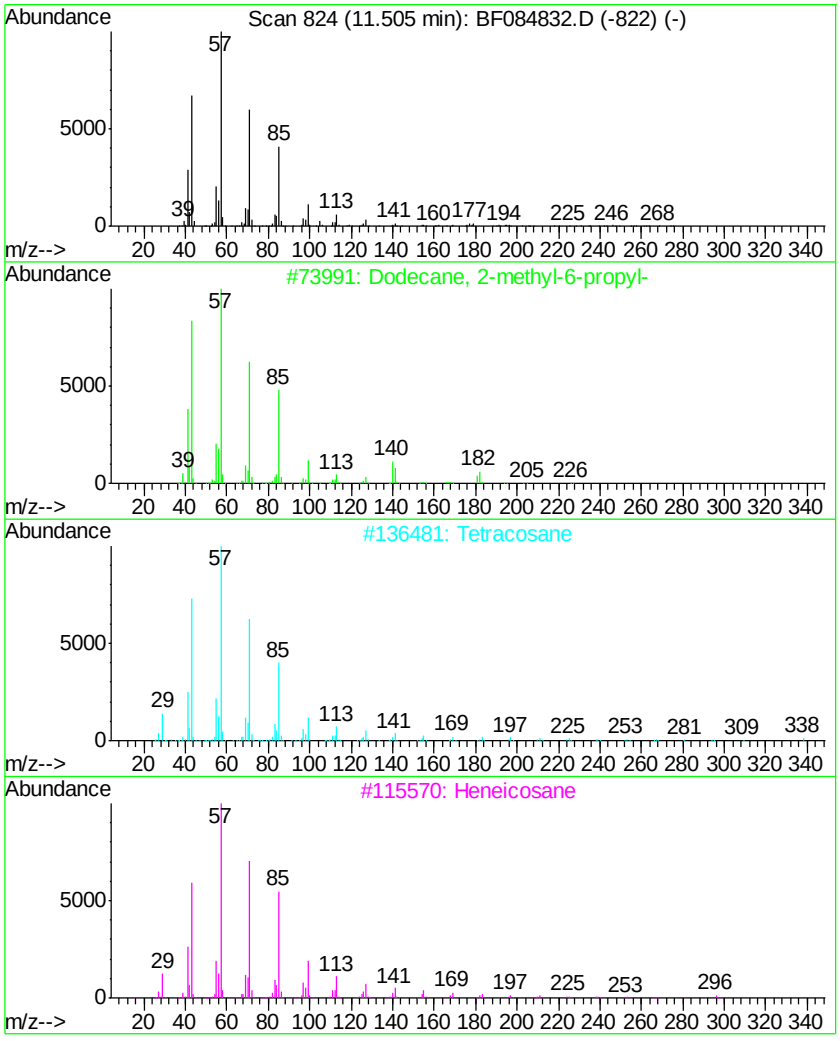
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

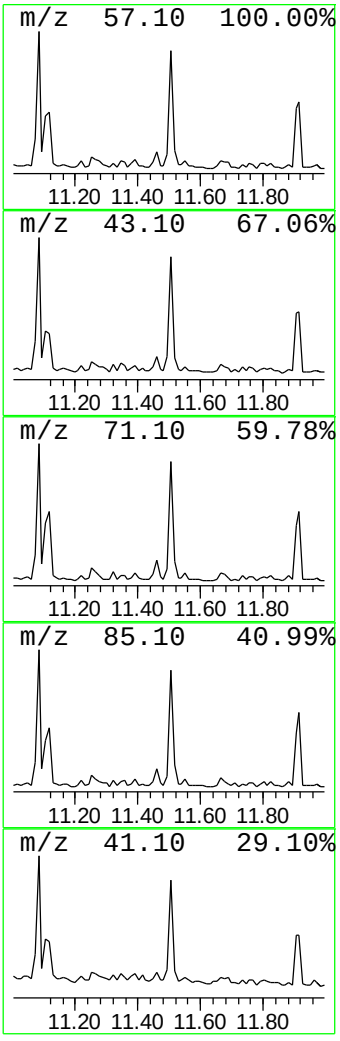
****

Peak Number 19 Dodecane, 2-methyl-6-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	34.61 ng	3333590	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Heptacosane	380	C27H56	000593-49-7	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084832.D
Acq On : 4 Feb 2016 16:47
Operator : SJ/IZ
Sample : H1306-08 25X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLFS-RL01

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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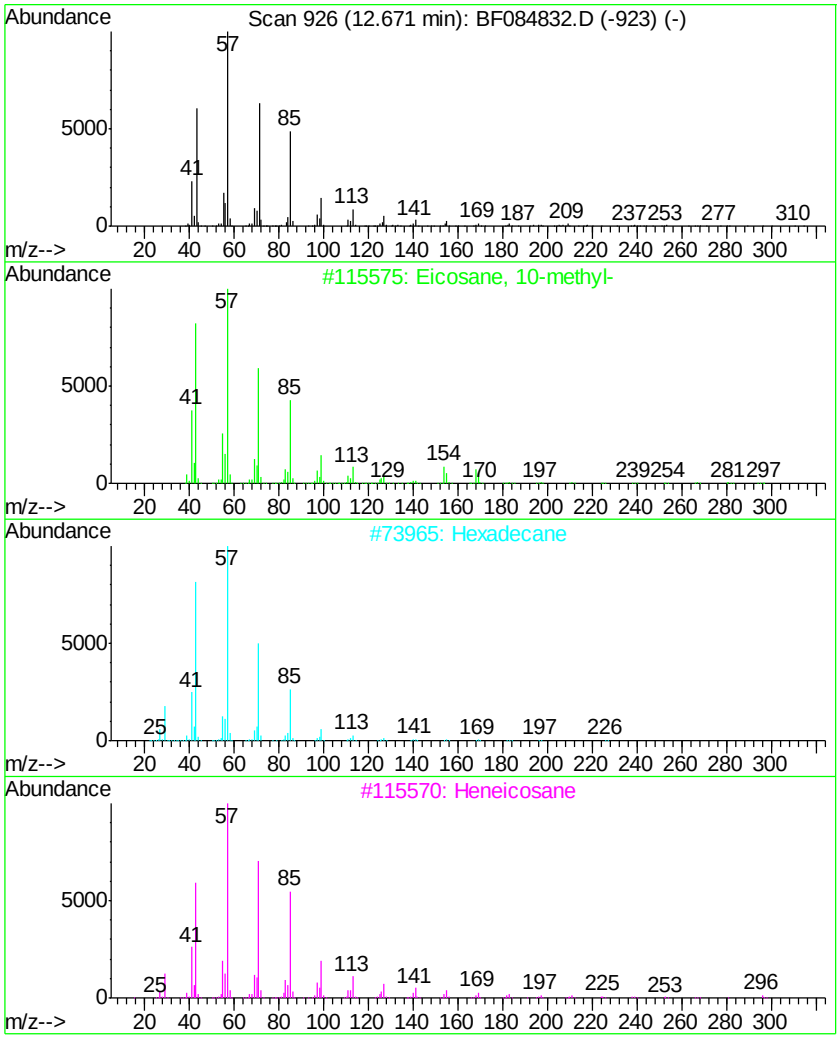
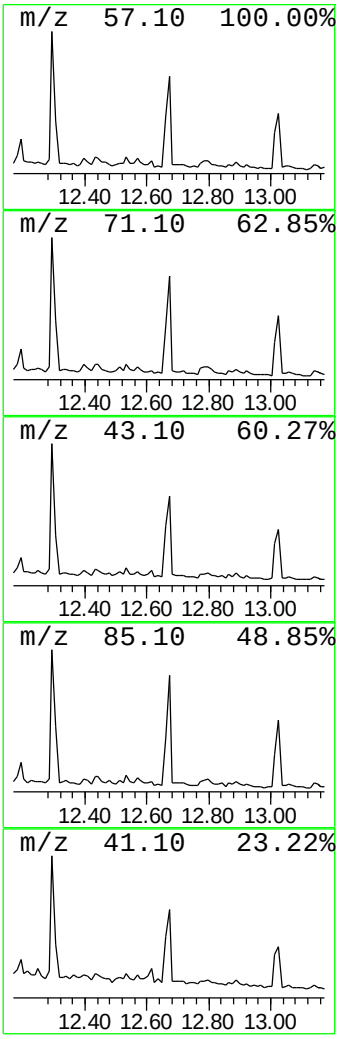
Peak Number 20 Eicosane, 10-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	33.60 ng	1674630	Chrysene-d12	13.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Heptacosane	380	C27H56	000593-49-7	83
5	Tetracosane	338	C24H50	000646-31-1	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
Data File : BF084832.D
Acq On : 4 Feb 2016 16:47
Operator : SJ/IZ
Sample : H1306-08 25X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLFS-RL01

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
Benzene, 1-ethyl-...	6.19	49.7	ng	2910620	1	6.67	1170320	20.0
Decane	6.52	117.3	ng	6866340	1	6.67	1170320	20.0
Benzene, (1-methy...	6.74	34.7	ng	2029330	1	6.67	1170320	20.0
unknown6.83	6.83	60.4	ng	3535090	1	6.67	1170320	20.0
Benzene, 1-methyl...	6.97	68.8	ng	4023480	1	6.67	1170320	20.0
Benzene, 1,3-diet...	7.00	34.1	ng	1993290	1	6.67	1170320	20.0
Decane, 3-methyl-	7.08	50.3	ng	2943180	1	6.67	1170320	20.0
Undecane	7.30	141.8	ng	8300580	1	6.67	1170320	20.0
unknown8.88	8.88	56.8	ng	6631240	3	9.72	2335490	20.0
Naphthalene, 2,7-...	9.31	39.9	ng	4661880	3	9.72	2335490	20.0
Naphthalene, 2,3-...	9.39	49.7	ng	5806770	3	9.72	2335490	20.0
Tetradecane	9.46	50.0	ng	5834910	3	9.72	2335490	20.0
Naphthalene, 2,3,...	9.93	38.4	ng	4486350	3	9.72	2335490	20.0
Hexadecane	10.17	54.8	ng	6399560	3	9.72	2335490	20.0
Heptadecane	10.64	76.7	ng	7388730	4	11.20	1926200	20.0
4,4'-Dimethylbiph...	10.84	30.9	ng	2977440	4	11.20	1926200	20.0
Eicosane	11.08	34.5	ng	3324870	4	11.20	1926200	20.0
Heptadecane, 2,6,...	11.12	29.1	ng	2797820	4	11.20	1926200	20.0
Dodecane, 2-methy...	11.50	34.6	ng	3333590	4	11.20	1926200	20.0
Eicosane, 10-methyl-	12.67	33.6	ng	1674630	5	13.81	996711	20.0