LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
Data File : BF085784.D
Acq On : 26 Mar 2016 2:00
Operator : UM/SJ
Sample : H1834-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

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-BF032416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.996	234	237	244	rBV2	455797	876668	13.87%	0.439%
2	5.430	273	275	277	rVB	1789709	2423706	38.36%	1.213%
3	5.830	307	310	312	rVB2	463193	698143	11.05%	0.349%
4	5.967	319	322	324	rVB2	610489	659632	10.44%	0.330%
5	6.024	324	327	329	rBV2	225503	488554	7.73%	0.245%
6	6.070	329	331	334	rBV2	1237335	1860298	29.44%	0.931%
7	6.127	334	336	337	rBV	533537	641435	10.15%	0.321%
8	6.253	345	347	349	rBV2	647751	1005384	15.91%	0.503%
9	6.322	352	353	354	rBV	871365	630470	9.98%	0.316%
10	6.356	354	356	360	rVB	1847057	2470940	39.11%	1.237%
11	6.413	360	361	364	rBV3	1070927	1820143	28.81%	0.911%
12	6.470	364	366	367	rVB	1937833	2329417	36.87%	1.166%
13	6.596	372	377	380	rBV2	2812017	4441289	70.29%	2.223%
14	6.653	380	382	386	rVB3	1192435	1806076	28.58%	0.904%
15	6.767	390	392	393	rBV2	353105	580764	9.19%	0.291%
16	6.824	395	397	398	rBV2	720307	1058727	16.76%	0.530%
17	6.847	398	399	401	rVB2	2113197	1653874	26.18%	0.828%
18	6.882	401	402	404	rBV	1019196	1422256	22.51%	0.712%
19	6.950	404	408	409	rVB3	591045	806698	12.77%	0.404%
20	6.985	409	411	412	rBV2	2636744	3133672	49.60%	1.569%
21	7.076	415	419	420	rBV2	712483	1423744	22.53%	0.713%
22	7.110	420	422	423	rVB2	1706861	1843976	29.18%	0.923%
23	7.156	423	426	430	rVB3	1883720	4311363	68.23%	2.158%
24	7.225	430	432	434	rBV	2264787	2271836	35.96%	1.137%
25	7.305	437	439	440	rBV	927811	1261896	19.97%	0.632%
26	7.373	442	445	446	rBV	2419708	3410187	53.97%	1.707%
27	7.396	446	447	452	rVB2	1788244	2643276	41.83%	1.323%
28	7.476	452	454	456	rVB3	1331425	2190743	34.67%	1.097%
29	7.522	456	458	459	rBV	949250	1422856	22.52%	0.712%
30	7.545	459	460	462	rVB2	899209	1004356	15.90%	0.503%
31	7.636	462	468	470	rVB2	2436263	5040931	79.78%	2.523%
32	7.670	470	471	474	rBV3	403063	659207	10.43%	0.330%
33	7.750	474	478	481	rBV5	1649056	5763311	91.21%	2.885%
34	7.807	481	483	484	rVB	1218180	1383793	21.90%	0.693%

LSC Area Percent Report

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Data File : BF085784.D
Acq On : 26 Mar 2016 2:00
Operator : UM/SJ
Sample : H1834-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

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-BF032416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.842	484	486	488	rBV2	1781256	3469416	54.91%	1.737%
36	7.922	491	493	497	rVB4	1694789	3265759	51.69%	1.635%
37	7.990	497	499	501	rBV	1225851	1399349	22.15%	0.700%
38	8.082	503	507	508	rBV3	1245143	2762727	43.72%	1.383%
39	8.116	508	510	511	rVV	1910213	2684872	42.49%	1.344%
40	8.139	511	512	514	rVV2	1387058	2388815	37.81%	1.196%
41	8.185	514	516	520	rVB2	1651461	3854129	61.00%	1.929%
42	8.287	522	525	527	rBV3	863783	2085972	33.01%	1.044%
43	8.322	527	528	530	rVB	1054877	1017317	16.10%	0.509%
44	8.413	531	536	540	rBV6	1916024	5144824	81.42%	2.575%
45	8.470	540	541	543	rVV2	1481623	1358693	21.50%	0.680%
46	8.505	543	544	546	rVV2	1908708	1796003	28.42%	0.899%
47	8.550	546	548	550	rVV2	2346990	3410525	53.98%	1.707%
48	8.630	553	555	556	rBV	1659023	1613468	25.54%	0.808%
49	8.665	556	558	561	rVB4	797690	1558465	24.67%	0.780%
50	8.722	561	563	564	rBV2	983596	1724574	27.29%	0.863%
51	8.756	564	566	567	rVV2	1119981	1790940	28.34%	0.896%
52	8.813	569	571	574	rVB4	1598995	2231748	35.32%	1.117%
53	8.870	574	576	577	rBV	846533	933931	14.78%	0.467%
54	8.939	578	582	586	rVV6	854345	3205359	50.73%	1.605%
55	9.030	586	590	592	rVV4	1458670	3826846	60.57%	1.916%
56	9.122	596	598	599	rVV2	798376	1098637	17.39%	0.550%
57	9.156	599	601	602	rVV	2187434	2739423	43.36%	1.371%
58	9.202	602	605	607	rVB2	1604629	2563440	40.57%	1.283%
59	9.282	609	612	614	rBV3	1068886	2411049	38.16%	1.207%
60	9.350	614	618	621	rVV2	1039443	2619291	41.45%	1.311%
61	9.396	621	622	625	rVB2	808546	865729	13.70%	0.433%
62	9.465	625	628	630	rBV2	1594809	2642329	41.82%	1.323%
63	9.545	630	635	638	rBV4	2122034	6318509	100.00%	3.163%
64	9.613	638	641	643	rVV3	2344189	5145885	81.44%	2.576%
65	9.659	643	645	647	rVV2	871950	1187235	18.79%	0.594%
66	9.739	651	652	654	rBV2	852677	1168147	18.49%	0.585%
67	9.785	654	656	658	rVB3	1118207	1084745	17.17%	0.543%
68	9.853	660	662	665	rVB4	958853	1745283	27.62%	0.874%
69	9.899	665	666	669	rBV3	480801	1029604	16.30%	0.515%
70	9.979	672	673	676	rVB	1322677	1652018	26.15%	0.827%
71	10.036	676	678	680	rBV2	729113	1569171	24.83%	0.785%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H1834-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

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
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.082	680	682	684	rVB2	1410285	1865939	29.53%	0.934%
73	10.128	684	686	690	rVB3	1794626	3860734	61.10%	1.933%
74	10.196	690	692	693	rBV	1657996	1951108	30.88%	0.977%
75	10.288	698	700	703	rBV2	1053543	1755599	27.79%	0.879%
76	10.333	703	704	706	rBV2	494201	561094	8.88%	0.281%
77	10.413	709	711	712	rBV2	863362	1103452	17.46%	0.552%
78	10.539	719	722	724	rVB	2057014	3120081	49.38%	1.562%
79	10.573	724	725	728	rVB3	756261	1103769	17.47%	0.553%
80	10.642	730	731	732	rBV	882783	626544	9.92%	0.314%
81	10.802	742	745	748	rVB2	2957832	4939700	78.18%	2.473%
82	10.859	748	750	755	rBV3	659609	1428669	22.61%	0.715%
83	10.973	758	760	761	rVV2	750947	1219221	19.30%	0.610%
84	10.996	761	762	764	rVV2	1067507	1672454	26.47%	0.837%
85	11.122	768	773	775	rBV3	1010746	2675493	42.34%	1.339%
86	11.259	782	785	788	rVB	2496013	3506447	55.49%	1.755%
87	11.362	792	794	801	rVB5	808142	2259356	35.76%	1.131%
88	11.476	801	804	805	rBV2	534343	858761	13.59%	0.430%
89	11.568	810	812	813	rVV2	485238	557324	8.82%	0.279%
90	11.602	813	815	819	rVB2	1317271	1924987	30.47%	0.964%
91	11.705	820	824	828	rVB6	576323	1677026	26.54%	0.839%
92	11.808	831	833	836	rBV3	331669	556999	8.82%	0.279%
93	11.854	836	837	839	rBV2	499313	828465	13.11%	0.415%
94	11.888	839	840	841	rVB	922239	632656	10.01%	0.317%
95	11.968	845	847	848	rVB	814451	677309	10.72%	0.339%
96	12.334	877	879	883	rVB	902373	1269519	20.09%	0.635%
97	12.402	883	885	887	rBV2	843013	1009211	15.97%	0.505%
98	12.928	929	931	936	rVB	1491693	2075030	32.84%	1.039%
99	13.979	1020	1023	1027	rVB	700774	717264	11.35%	0.359%
100	15.397	1144	1147	1153	rBV	427597	533824	8.45%	0.267%

Sum of corrected areas: 199771883

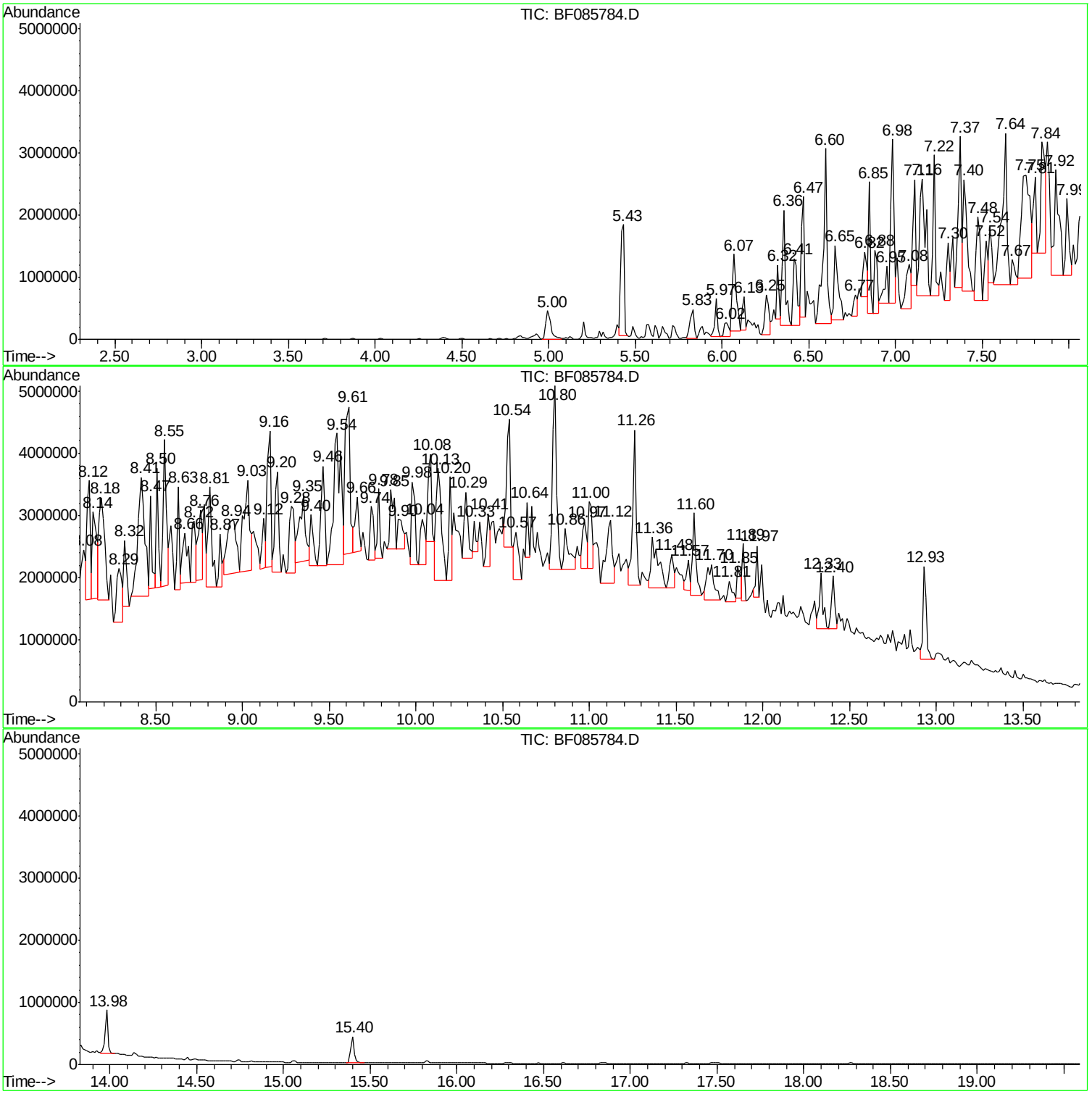
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
Data File : BF085784.D
Acq On : 26 Mar 2016 2:00
Operator : UM/SJ
Sample : H1834-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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\BF032516\
Data File : BF085784.D
Acq On : 26 Mar 2016 2:00
Operator : UM/SJ
Sample : H1834-12
Misc :
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Instrument : BNA_F
ClientSampleId : 3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

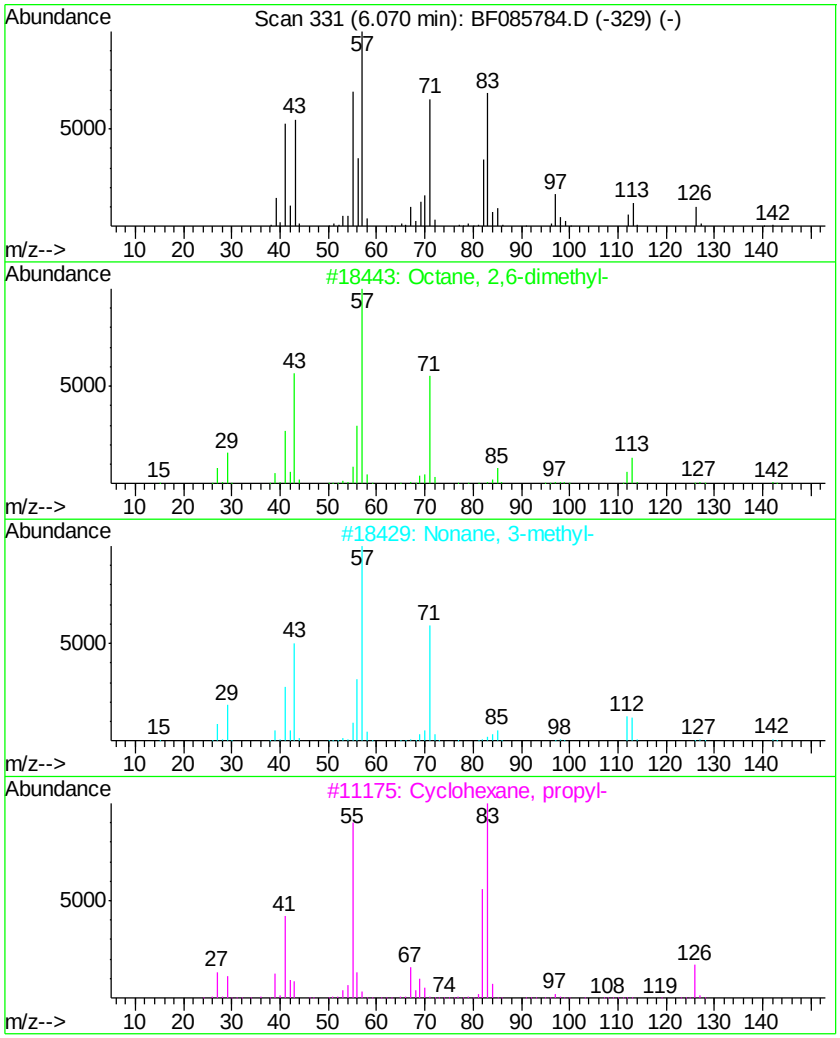
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

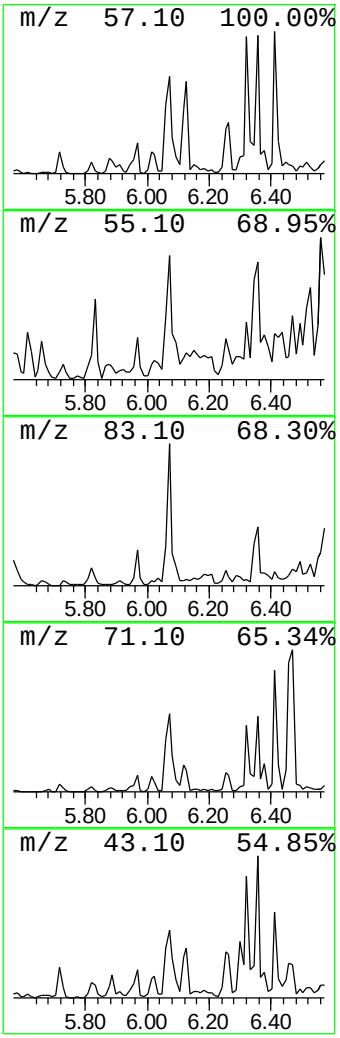
****

Peak Number 1 unknown6.07 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.07	35.14 ng	1860300	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	49
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	46
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	42
4	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	38
5	1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
Data File : BF085784.D
Acq On : 26 Mar 2016 2:00
Operator : UM/SJ
Sample : H1834-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

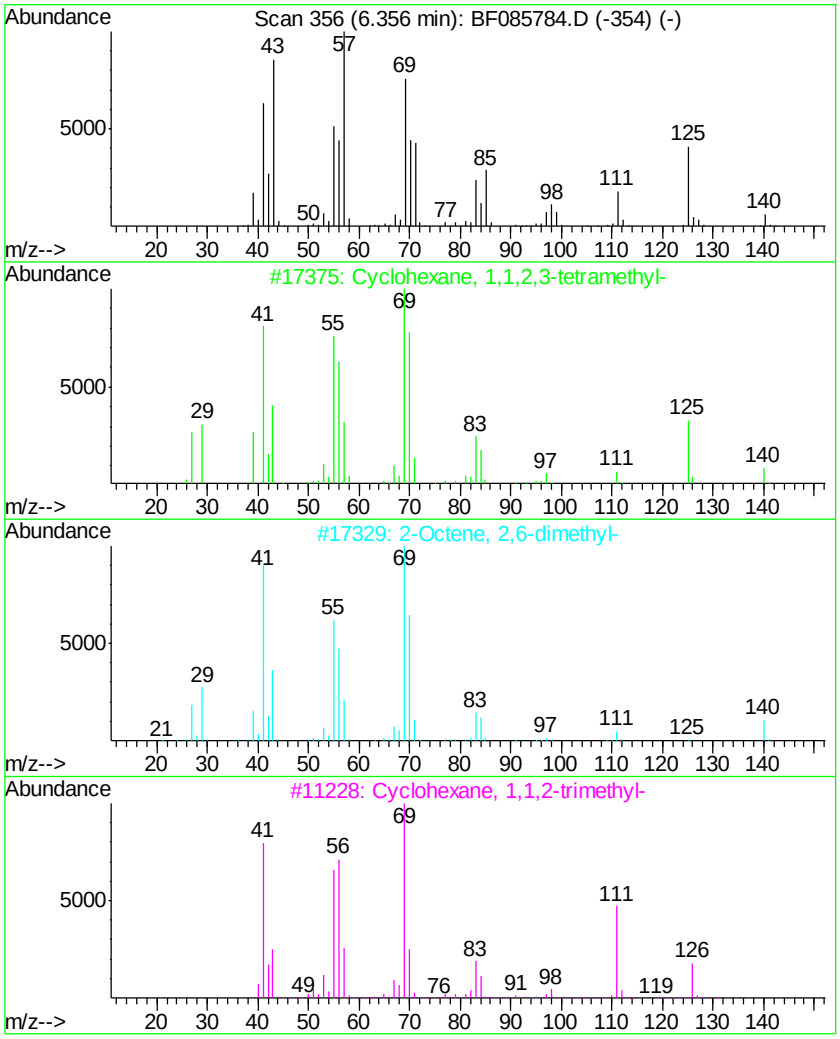
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

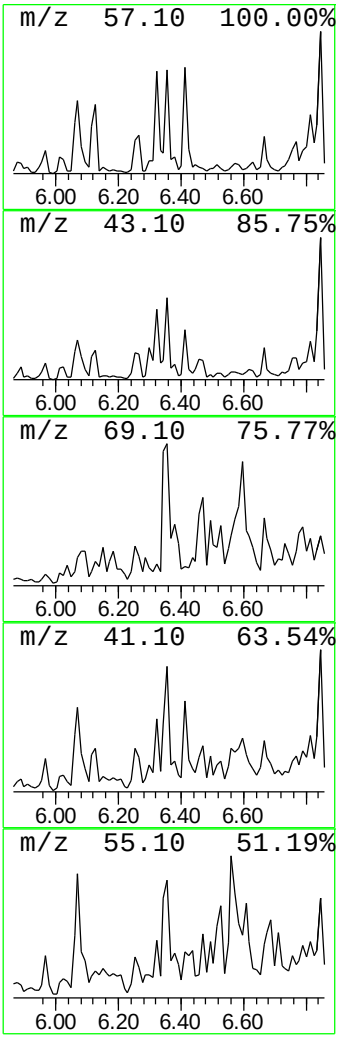
****

Peak Number 2 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	46.68 ng	2470940	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	64
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	43
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	43
4	Cyclopentane, ethyl-	98	C7H14	001640-89-7	43
5	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	38





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Data File : BF085784.D
Acq On : 26 Mar 2016 2:00
Operator : UM/SJ
Sample : H1834-12
Misc :
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Instrument : BNA_F
ClientSampleId : 3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

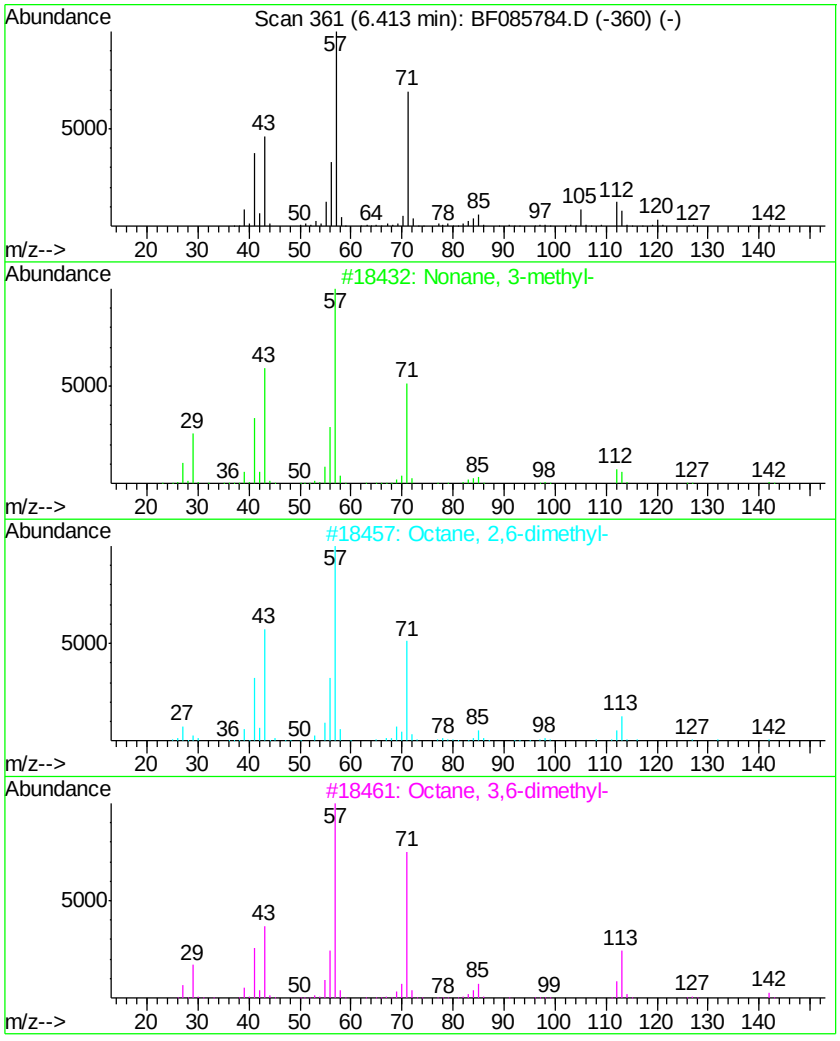
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

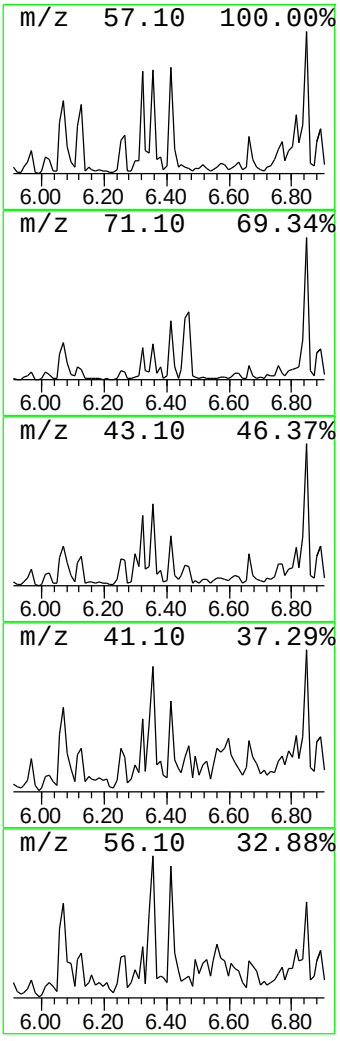
****

Peak Number 3 Nonane, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	34.38 ng	1820140	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	59
5	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	56





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
Data File : BF085784.D
Acq On : 26 Mar 2016 2:00
Operator : UM/SJ
Sample : H1834-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

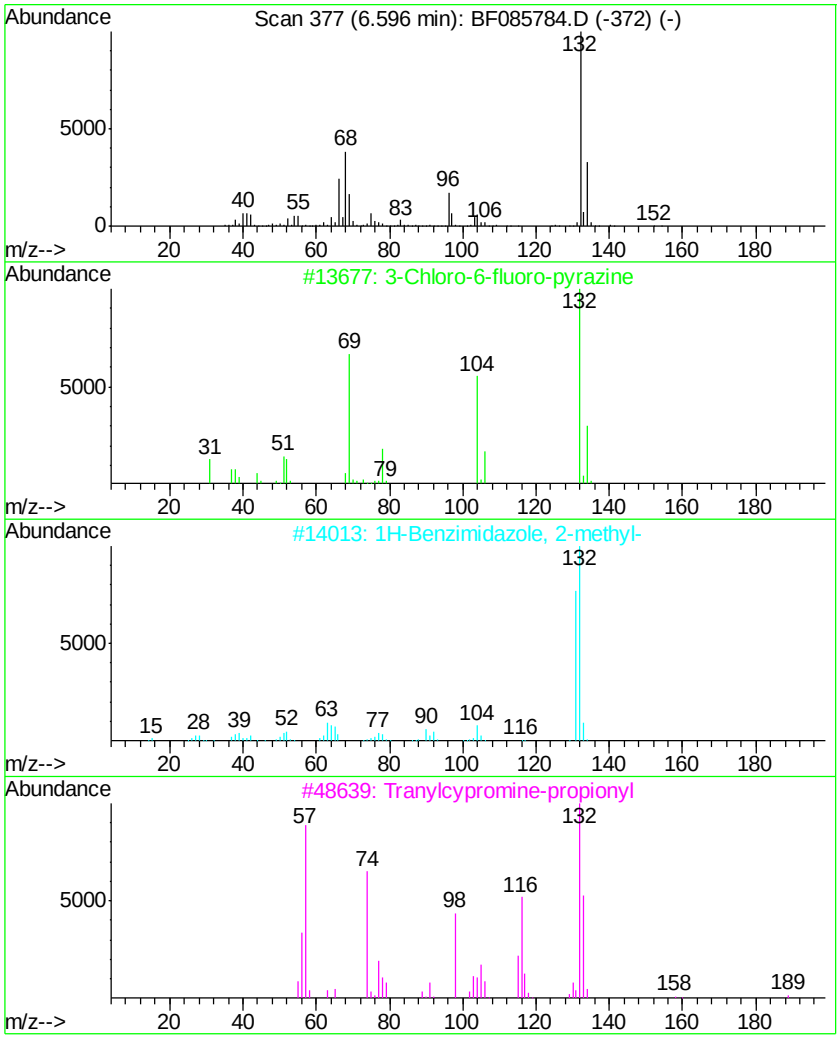
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

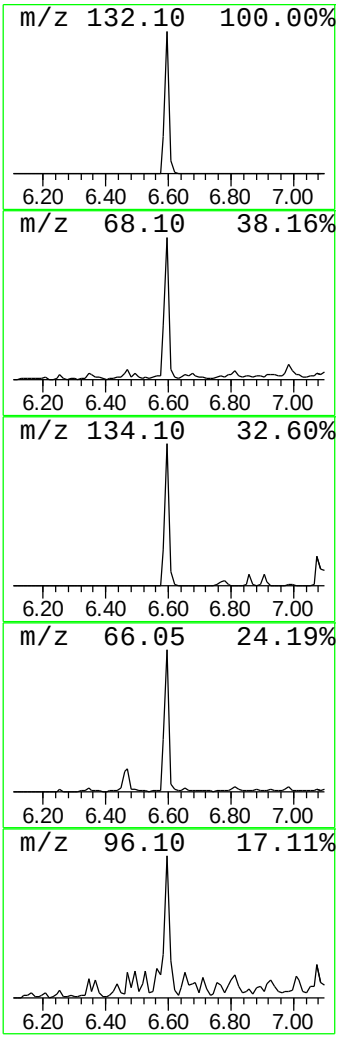
****

Peak Number 4 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	83.90 ng	4441290	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
Data File : BF085784.D
Acq On : 26 Mar 2016 2:00
Operator : UM/SJ
Sample : H1834-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

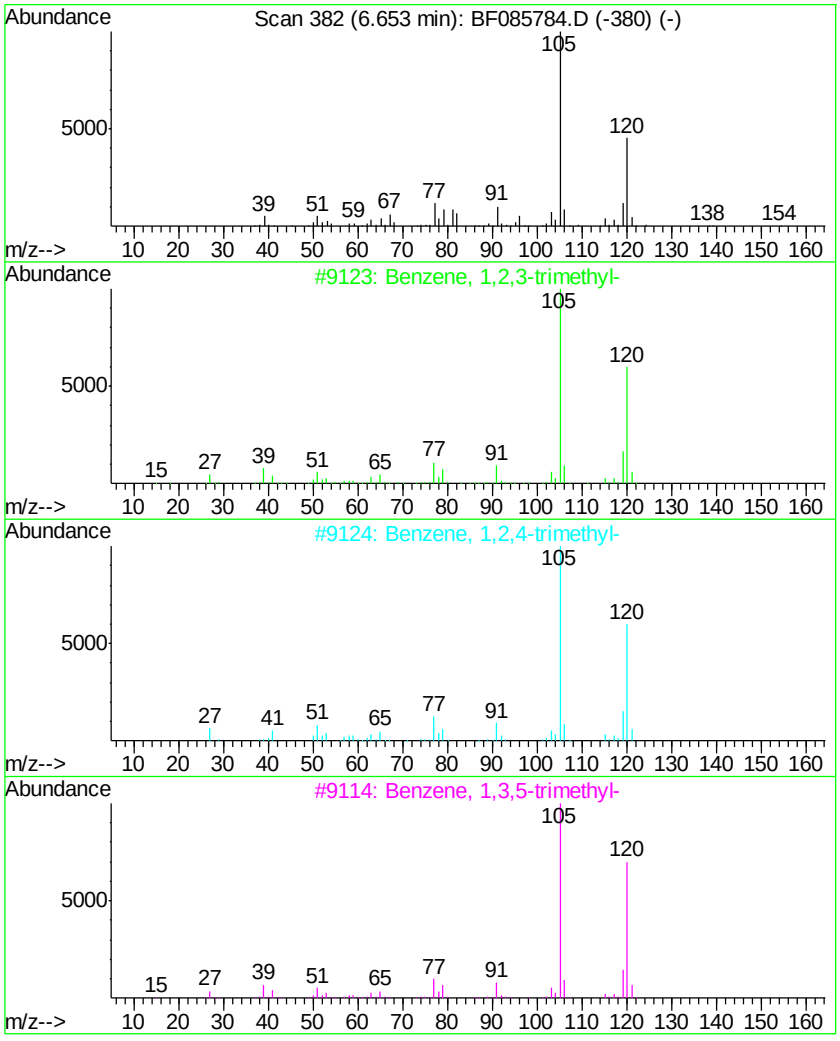
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

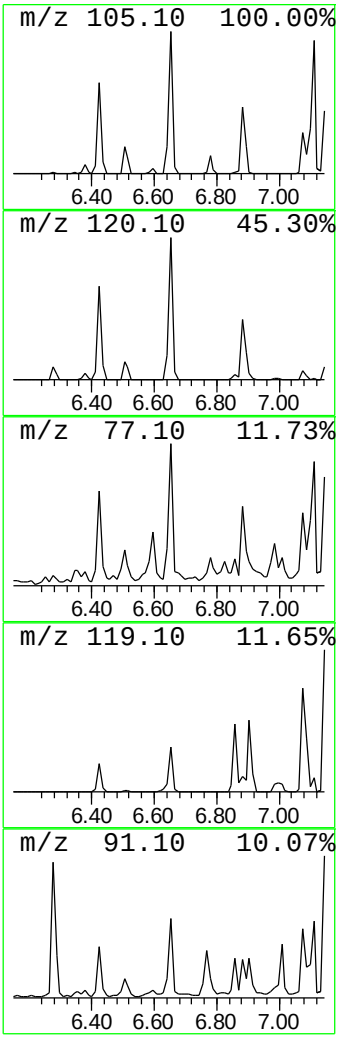
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	34.12 ng	1806080	1,4-Dichlorobenzene-d4	6.82

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





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
Data File : BF085784.D
Acq On : 26 Mar 2016 2:00
Operator : UM/SJ
Sample : H1834-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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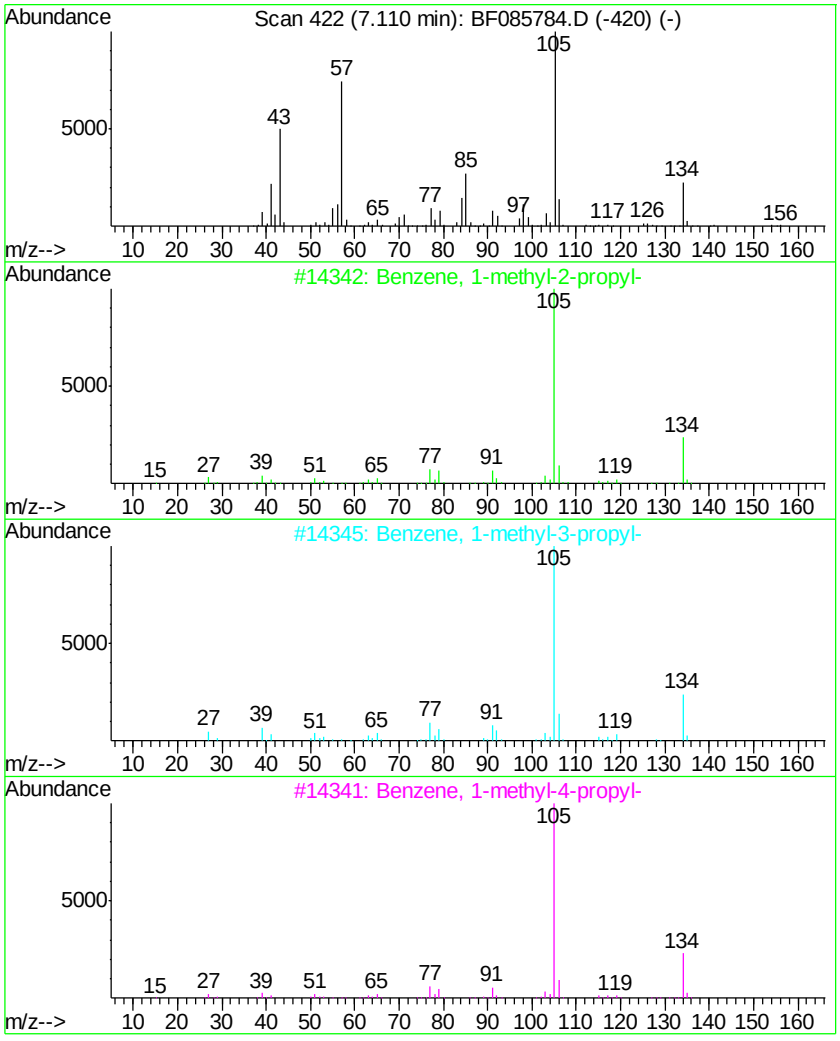
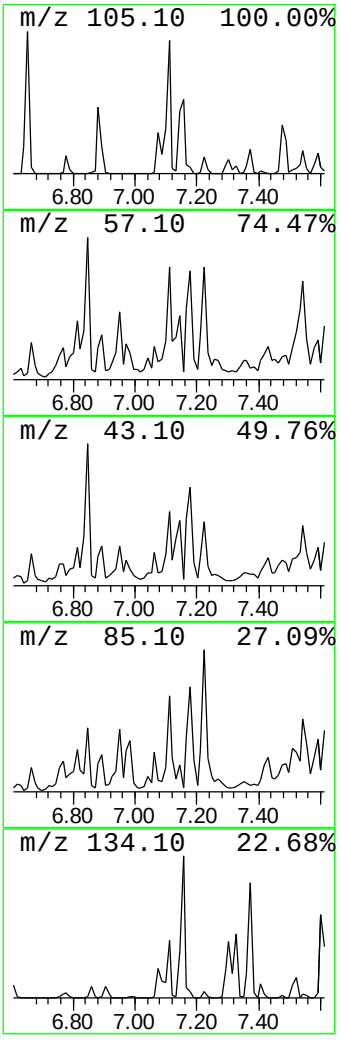
Peak Number 7 unknown7.11 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	34.83 ng	1843980	1,4-Dichlorobenzene-d4	6.82

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-3-propyl-	134	C10H14	001074-43-7	42
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	30
5	Decane, 5-methyl-	156	C11H24	013151-35-4	30





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Data File : BF085784.D
Acq On : 26 Mar 2016 2:00
Operator : UM/SJ
Sample : H1834-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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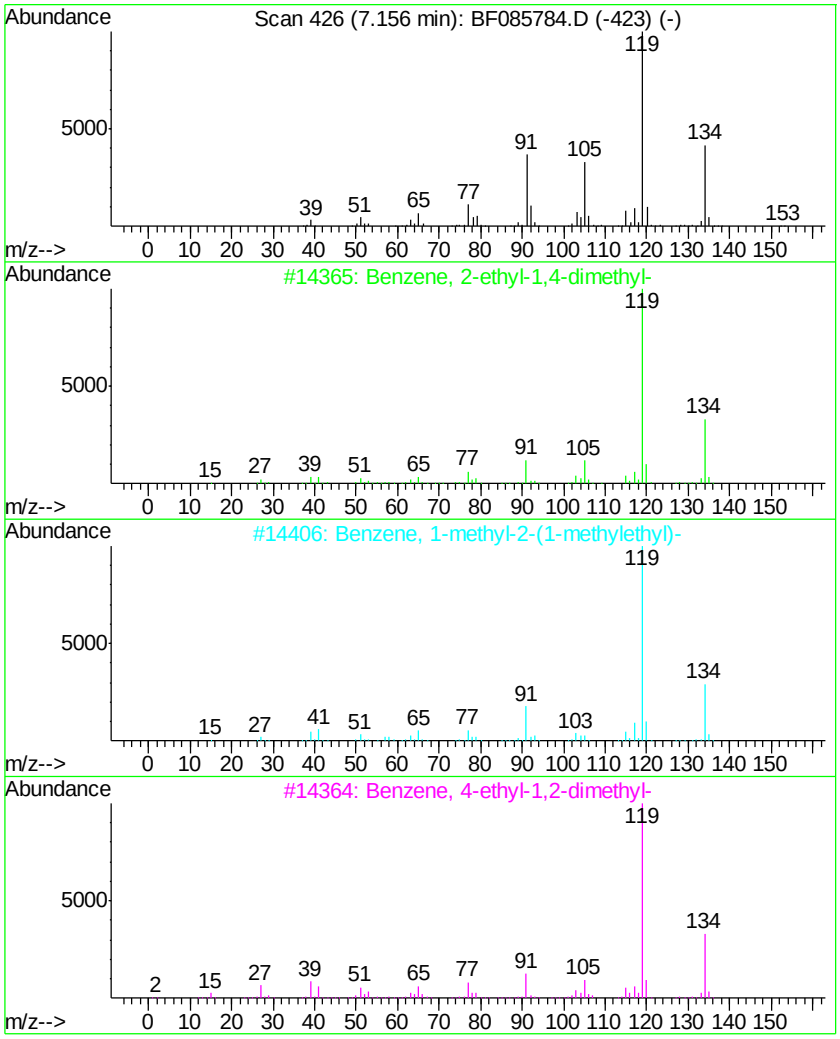
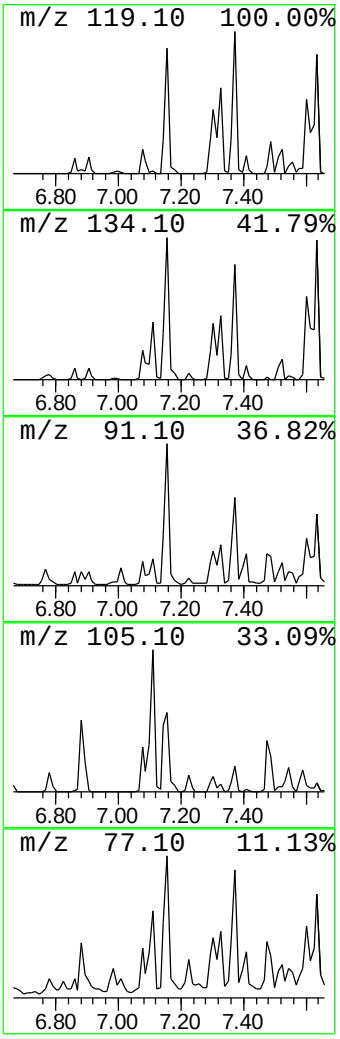
Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	81.44 ng	4311360	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93





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Operator : UM/SJ
Sample : H1834-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

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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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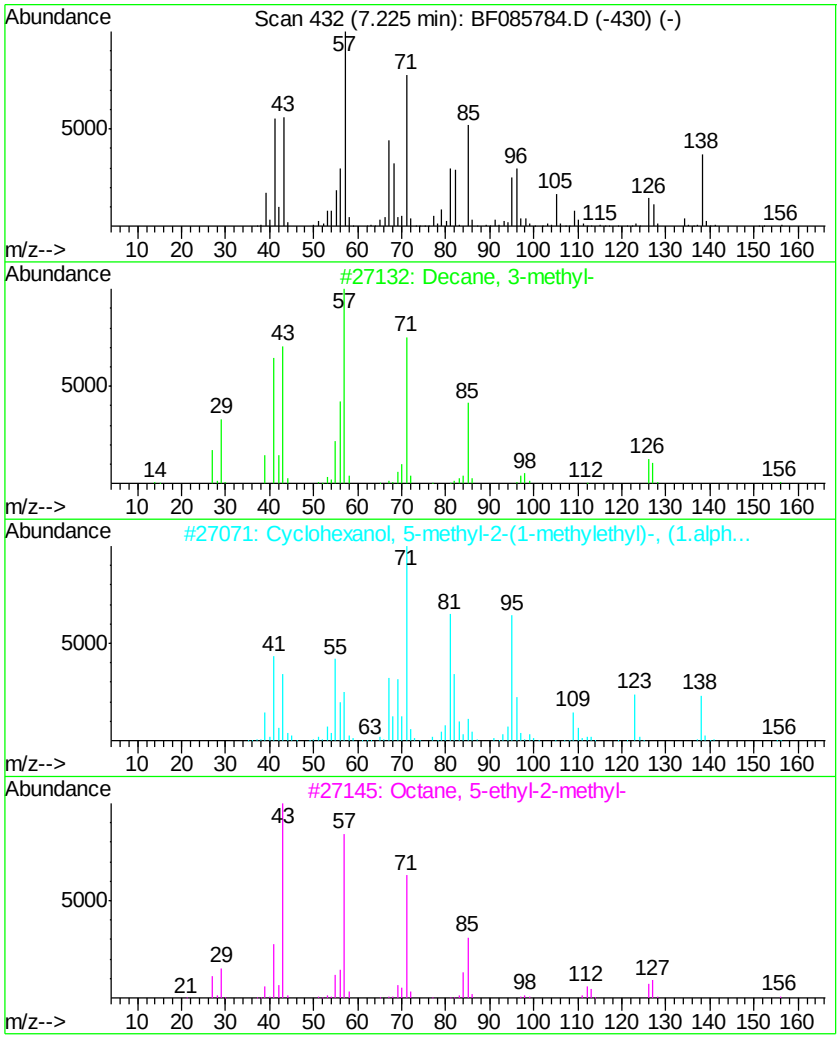
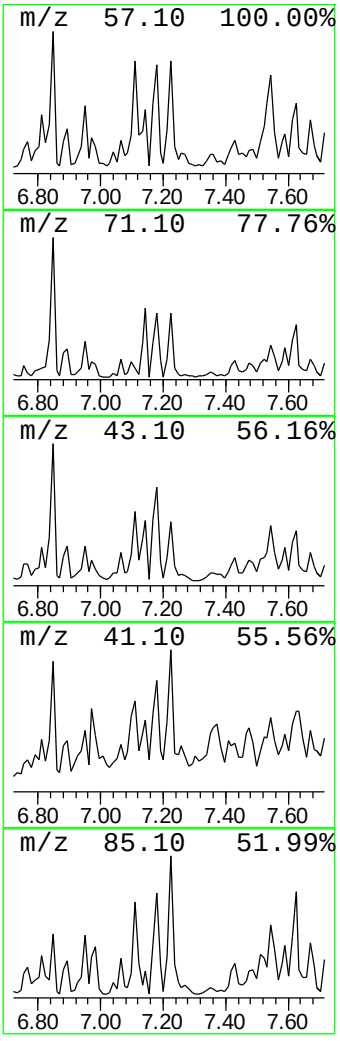
Peak Number 9 unknown7.22 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	42.92 ng	2271840	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	43
2	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000491-02-1	38
3	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	38
4	(+)-Isomenthol	156	C10H20O	1000152-08-3	38
5	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	023283-97-8	38





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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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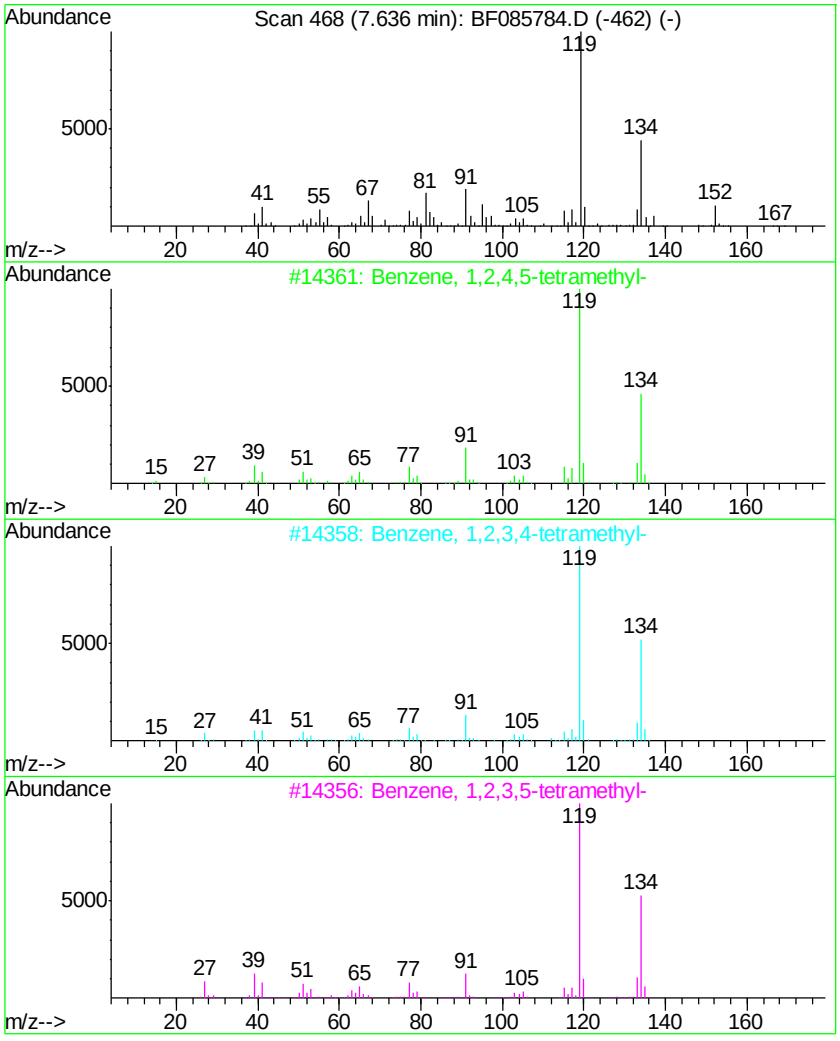
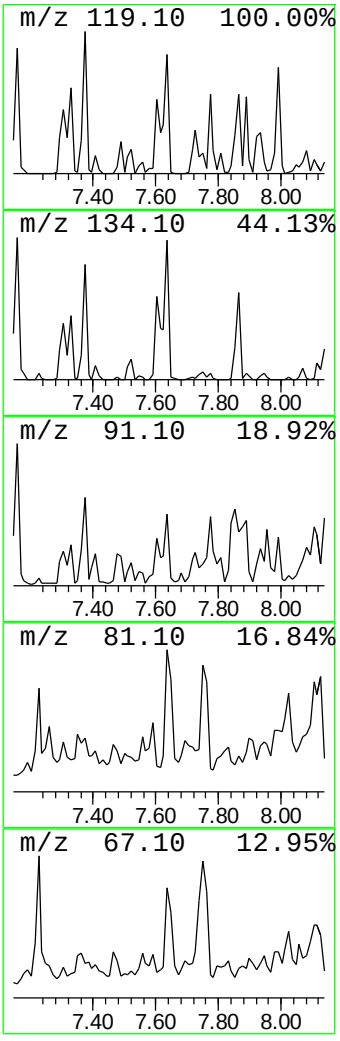
Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	37.55 ng	5040930	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	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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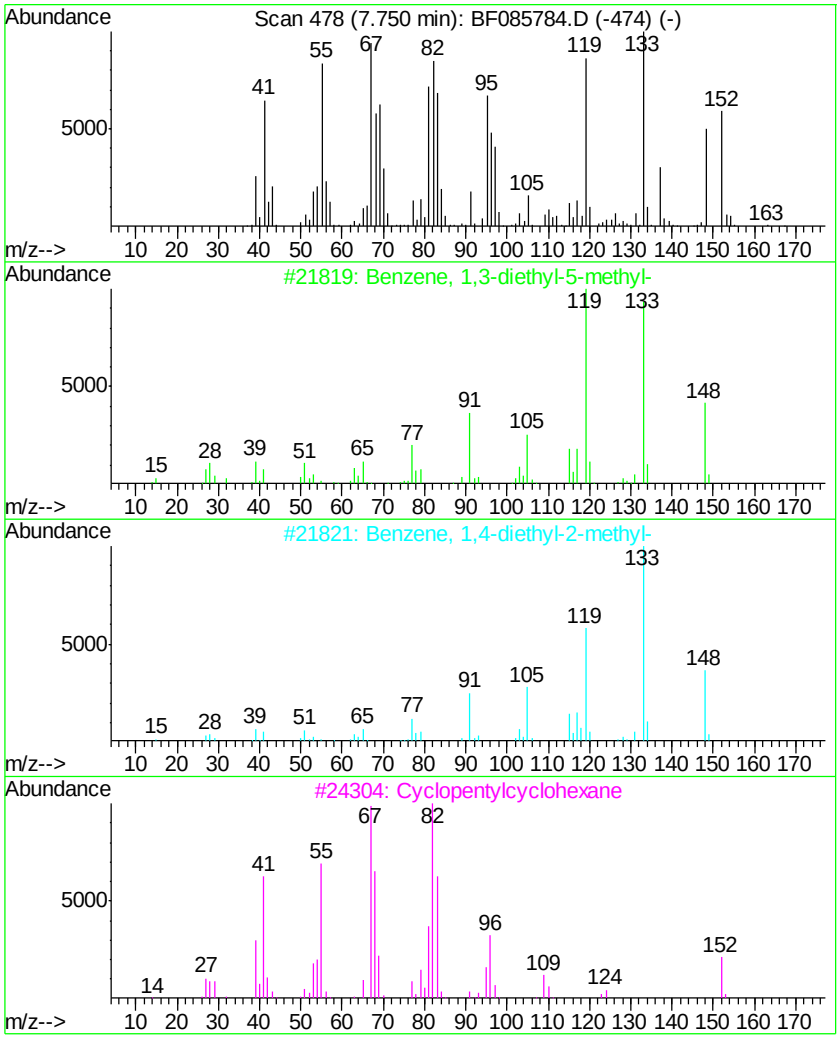
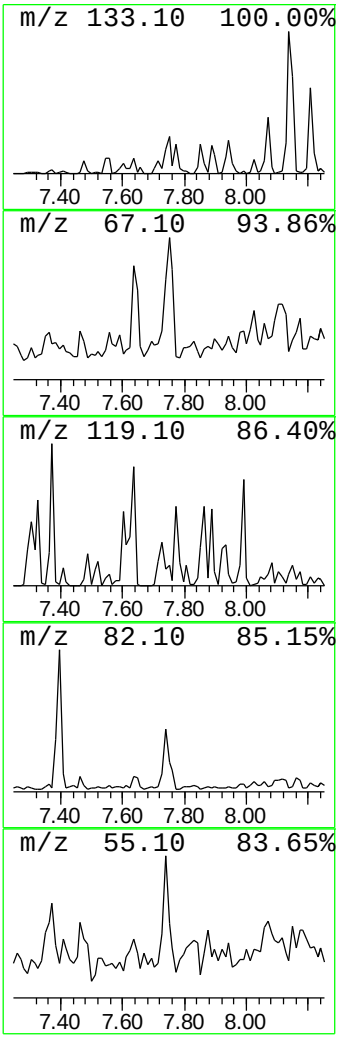
Peak Number 11 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	42.93 ng	5763310	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	78
2	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	53
3	Cyclopentylcyclohexane	152	C11H20	001606-08-2	42
4	R(-)3,7-Dimethyl-1,6-octadiene	138	C10H18	010281-56-8	35
5	Bicyclo[5.4.0]undecane (trans)	152	C11H20	021394-30-9	30





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Sample : H1834-12
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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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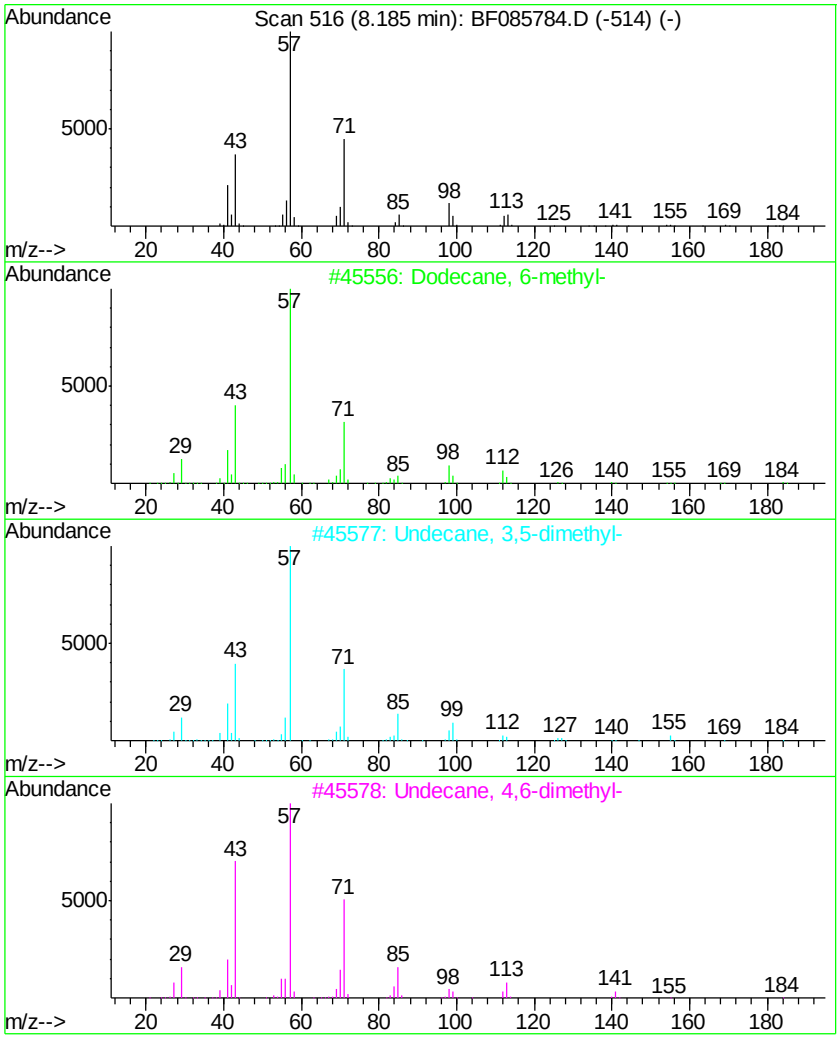
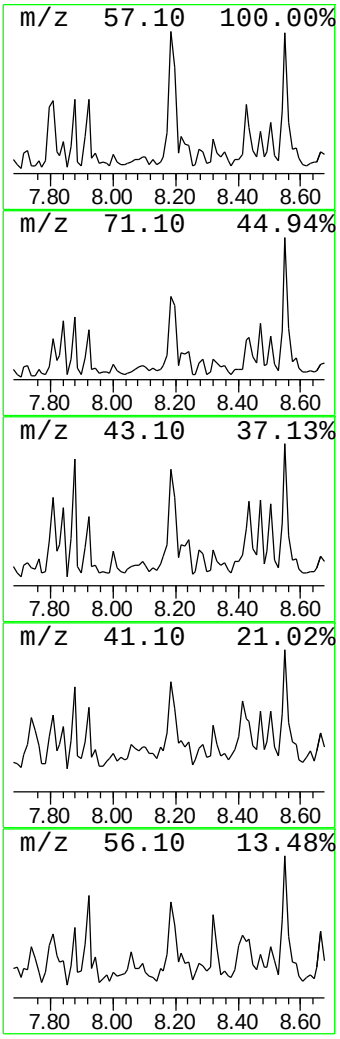
Peak Number 12 Dodecane, 6-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	28.71 ng	3854130	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 6-methyl-	184	C13H28	006044-71-9	91
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	80
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76





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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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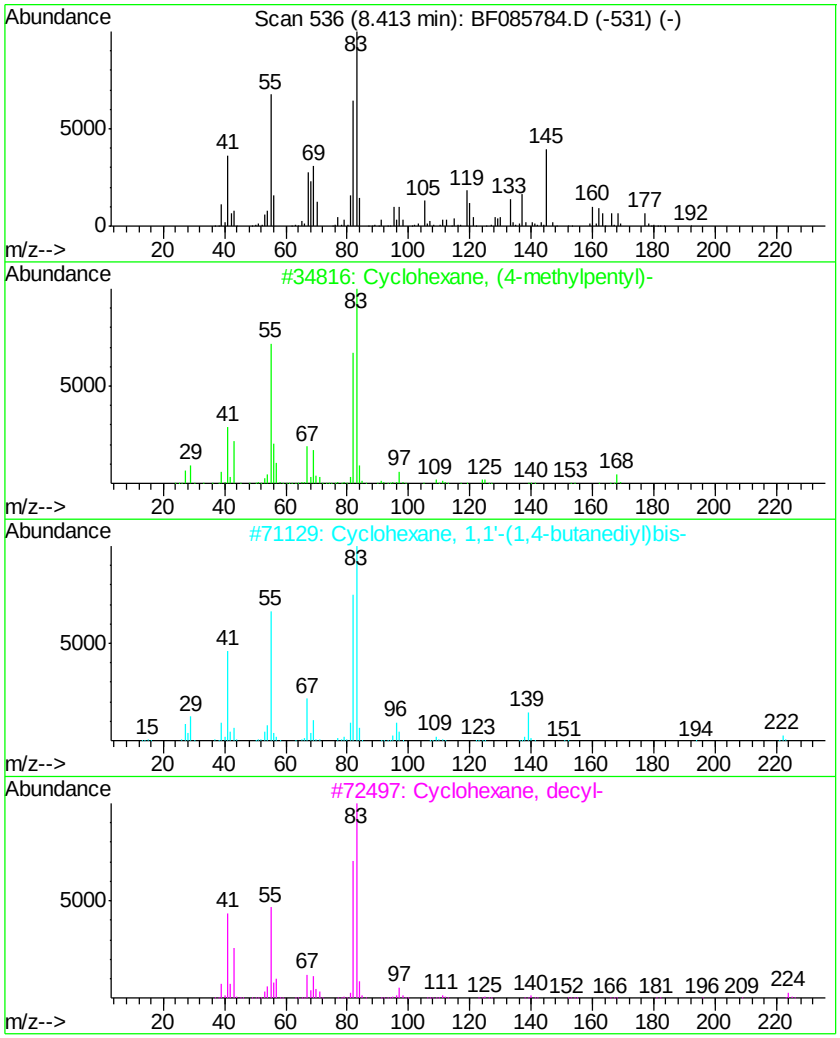
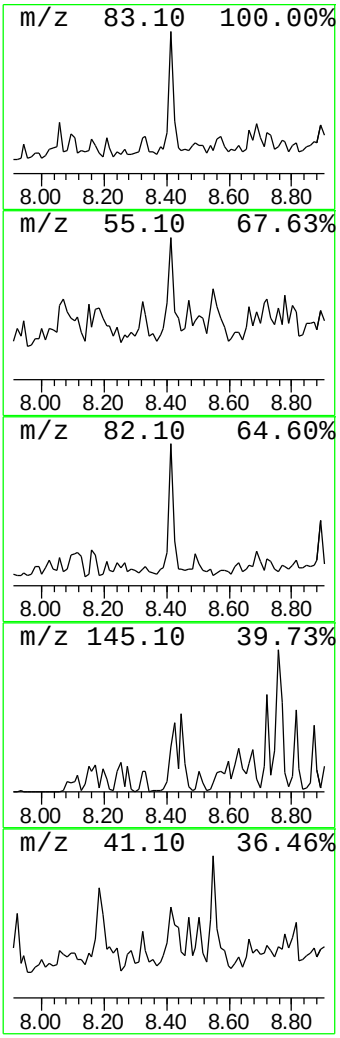
Peak Number 13 unknown8.41 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	38.32 ng	5144820	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	46
2	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	43
3	Cyclohexane, decyl-	224	C16H32	001795-16-0	43
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
5	Cyclohexane, eicosyl-	364	C26H52	004443-55-4	43





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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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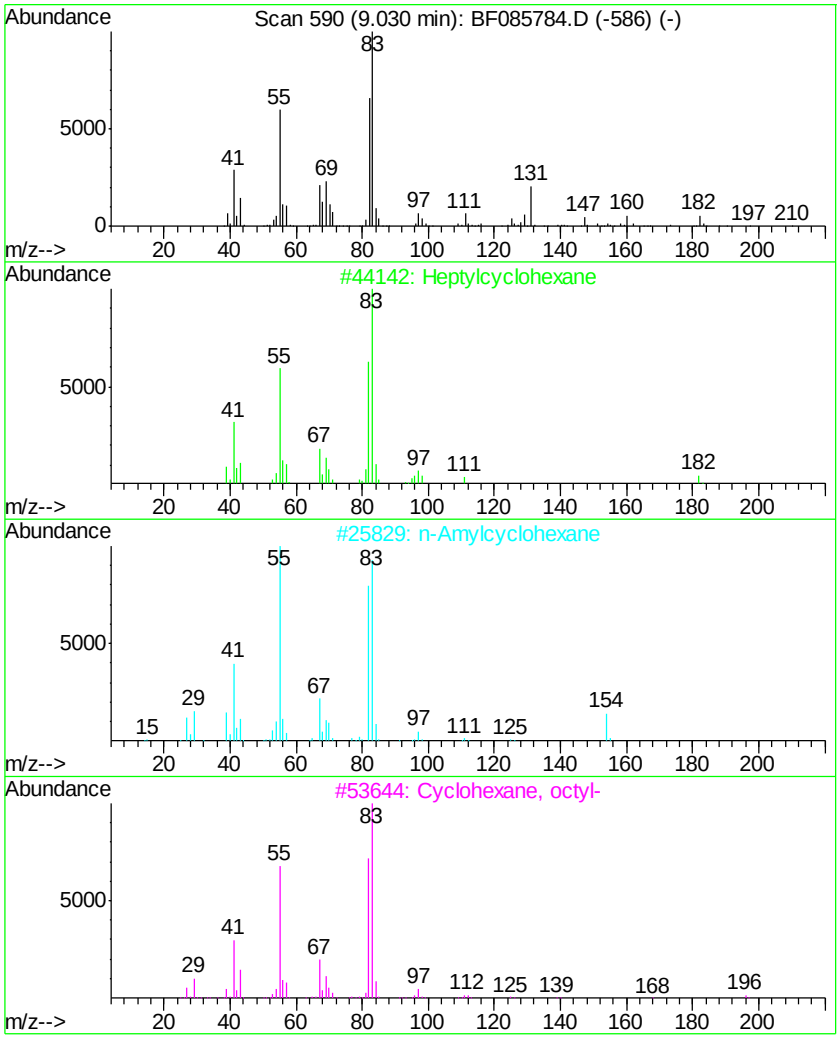
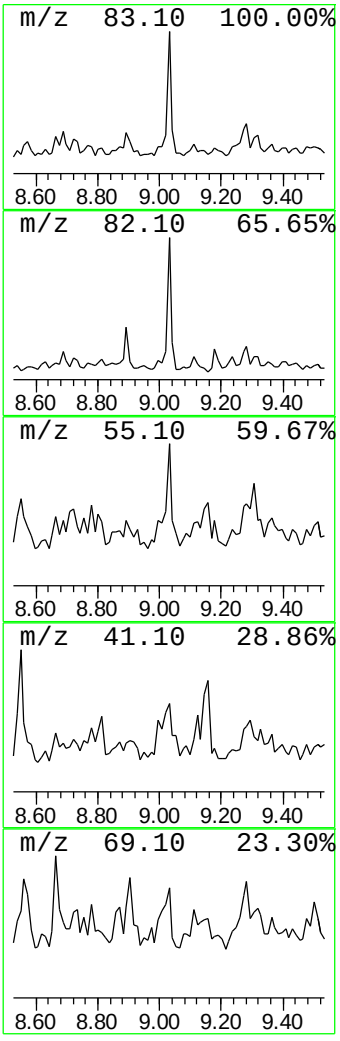
Peak Number 14 Heptylcyclohexane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	43.85 ng	3826850	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	93
2	n-Amylcyclohexane	154	C11H22	029949-27-7	64
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	64
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	59





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ALS Vial : 51 Sample Multiplier: 1

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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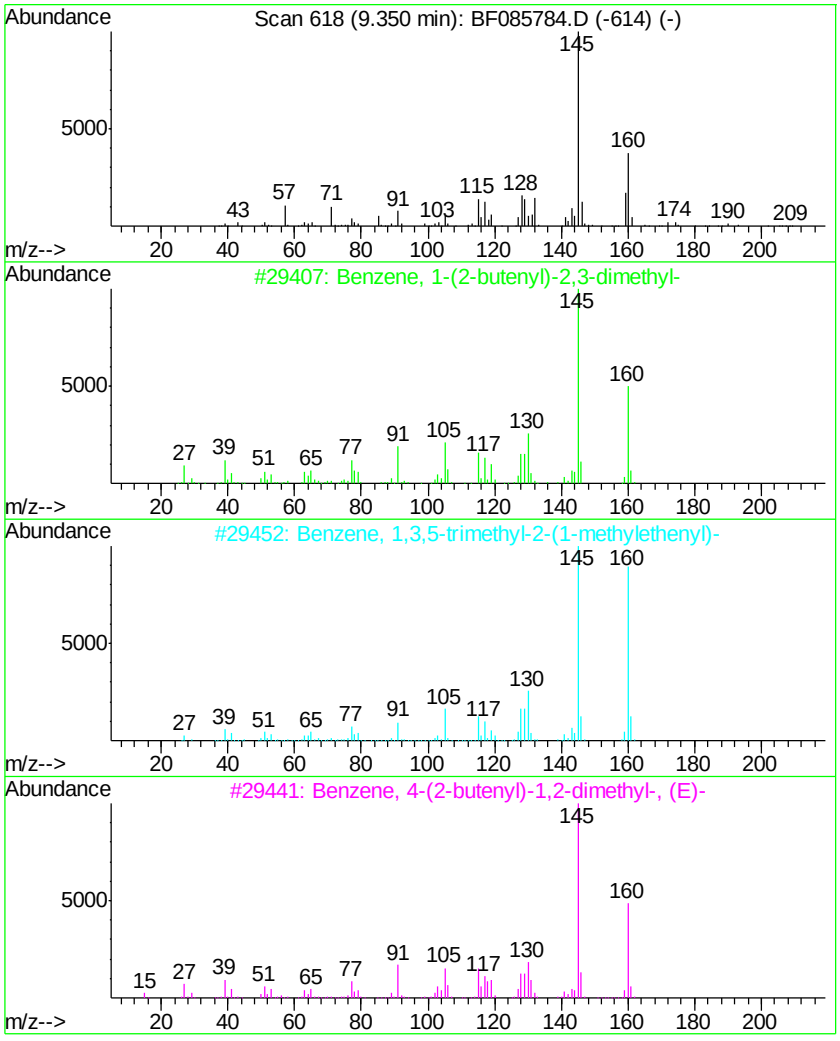
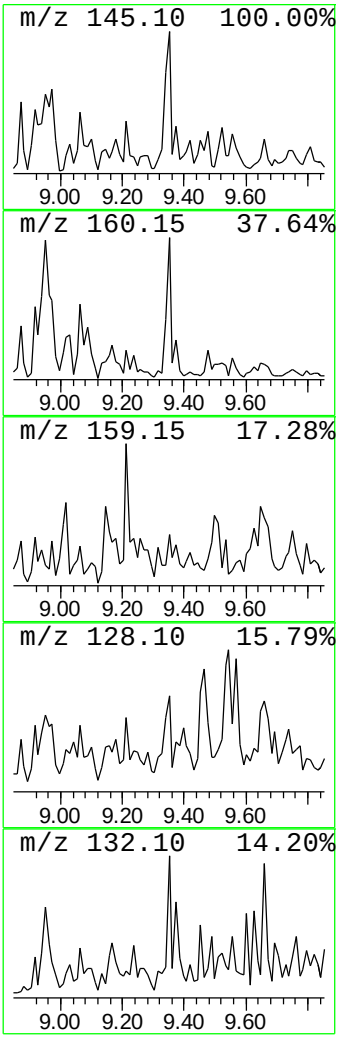
Peak Number 15 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	30.02 ng	2619290	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	91
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	91
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	90
4	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	87
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	87





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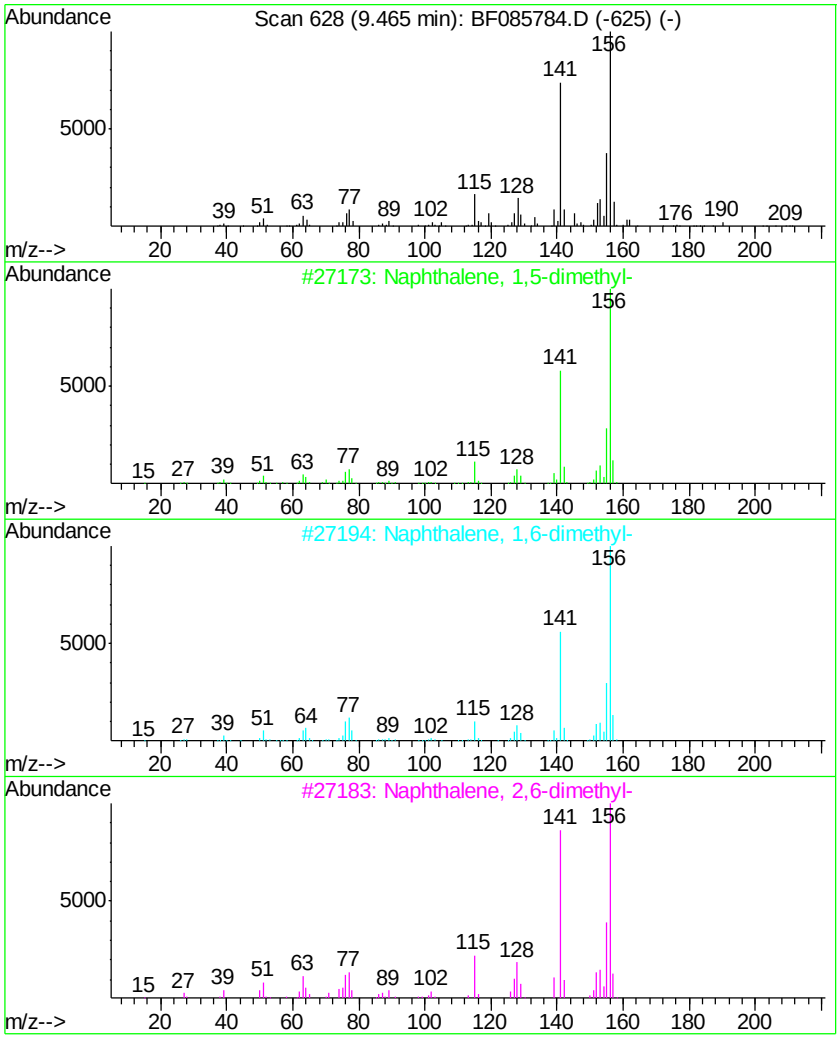
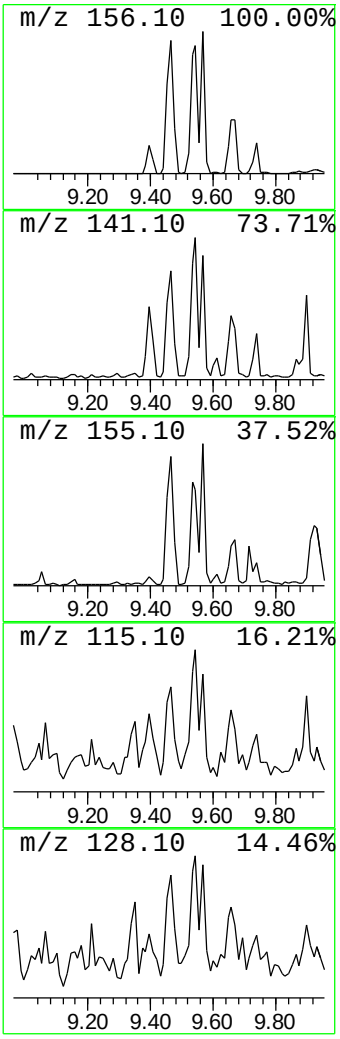
Peak Number 16 Naphthalene, 1,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	30.28 ng	2642330	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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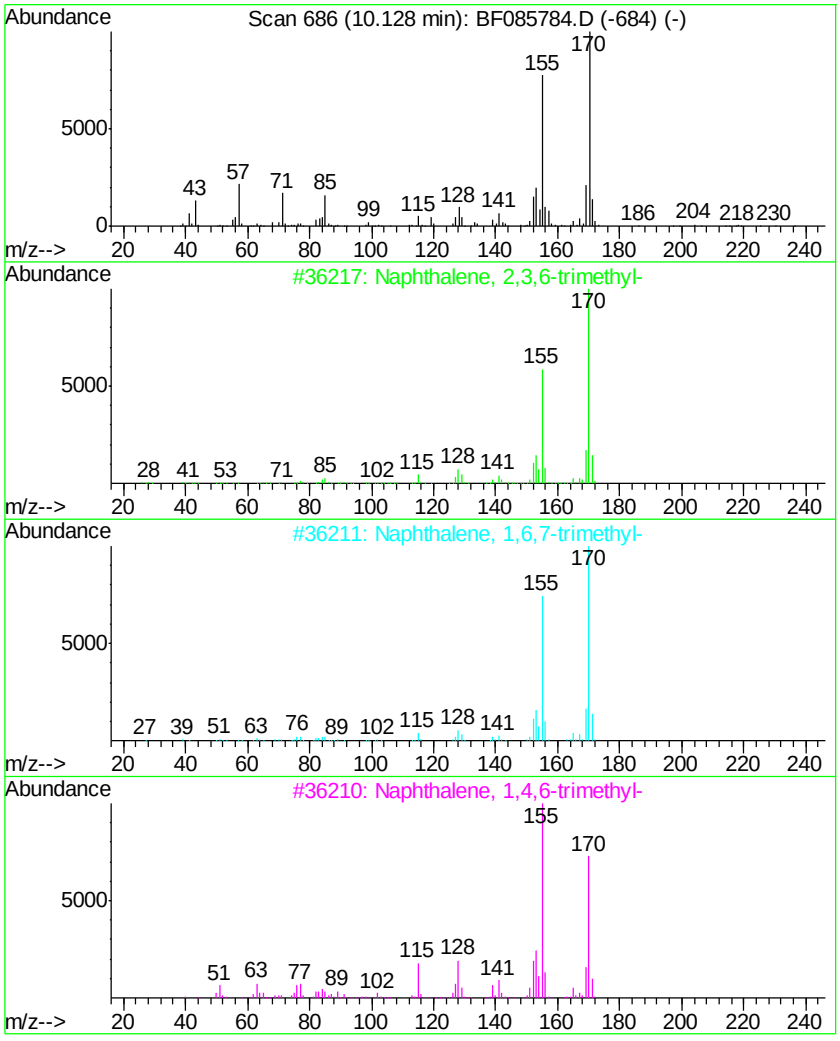
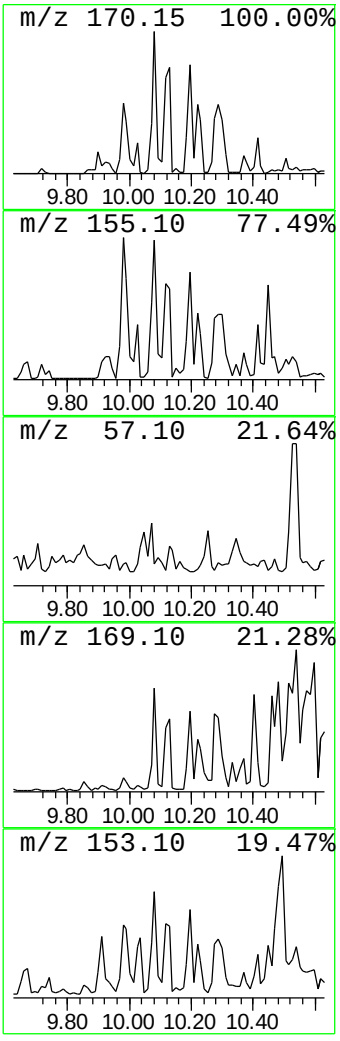
Peak Number 17 Naphthalene, 2,3,6-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	44.24 ng	3860730	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	93
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90





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

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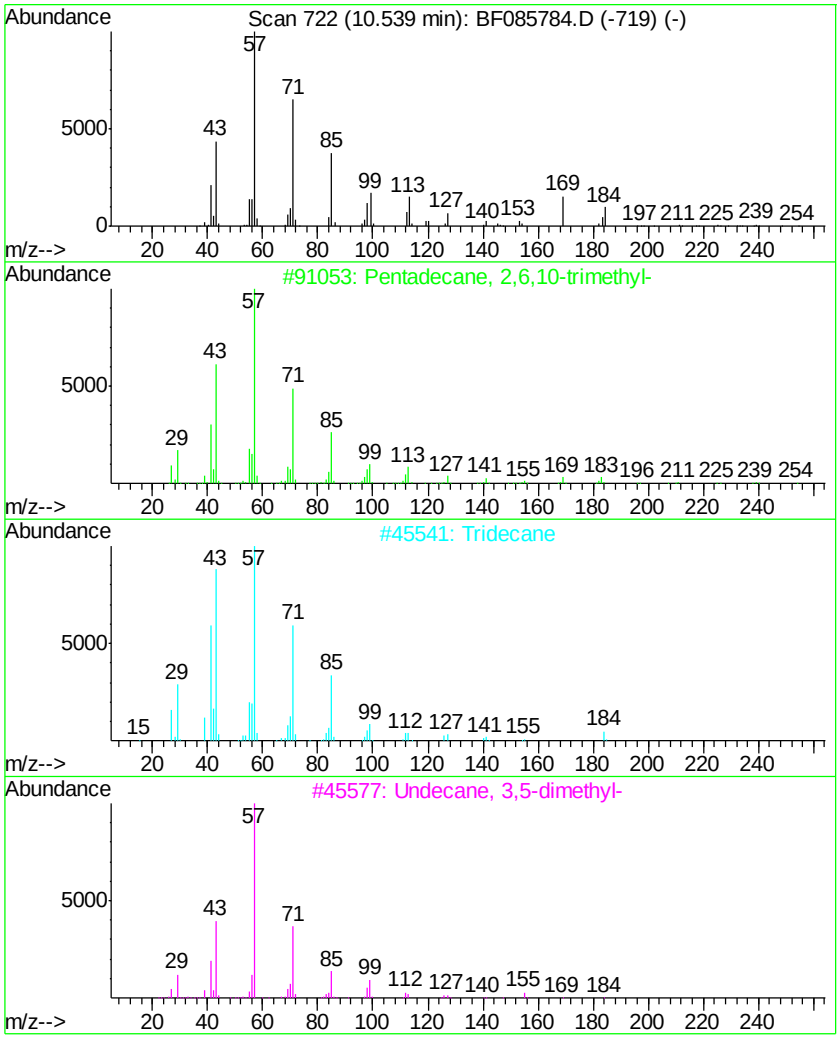
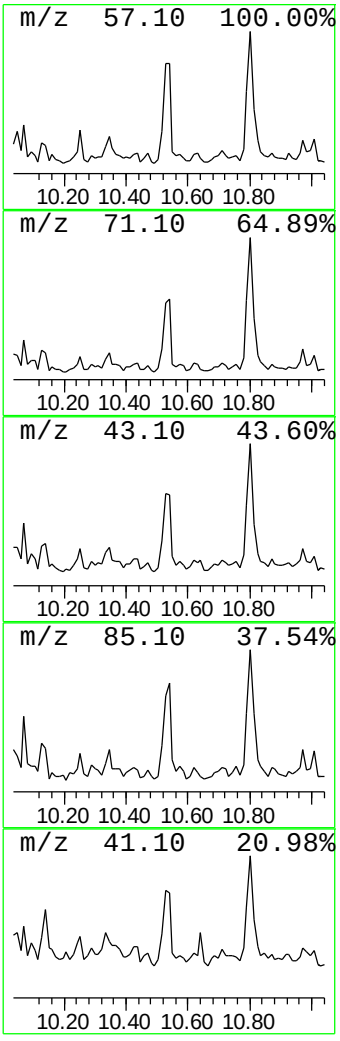
Peak Number 18 Pentadecane, 2,6,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	35.75 ng	3120080	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2	Tridecane	184	C13H28	000629-50-5	83
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	64
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	62





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Data File : BF085784.D
Acq On : 26 Mar 2016 2:00
Operator : UM/SJ
Sample : H1834-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

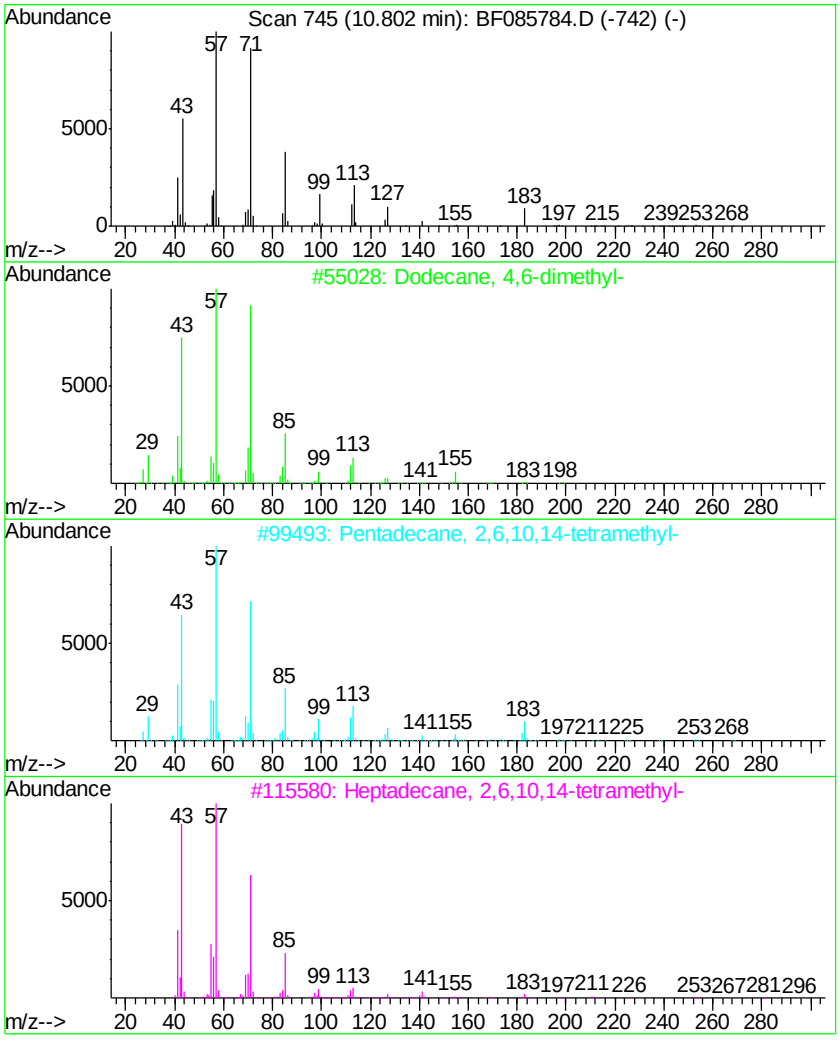
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

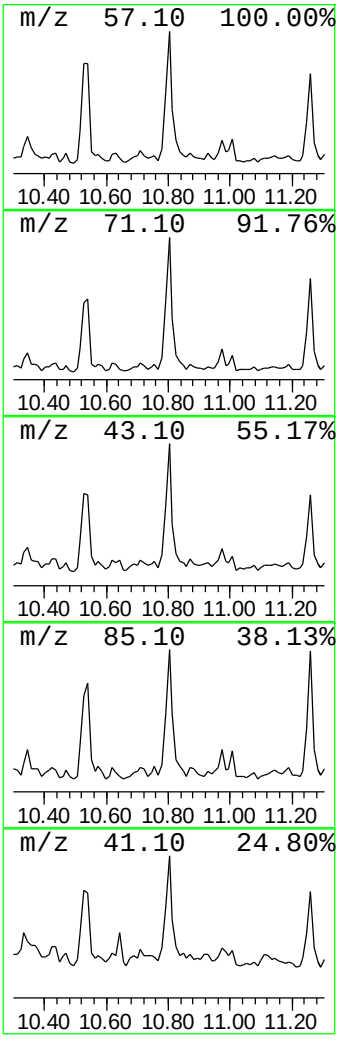
****

Peak Number 19 Dodecane, 4,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	43.73 ng	4939700	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	86
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	78
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
Data File : BF085784.D
Acq On : 26 Mar 2016 2:00
Operator : UM/SJ
Sample : H1834-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

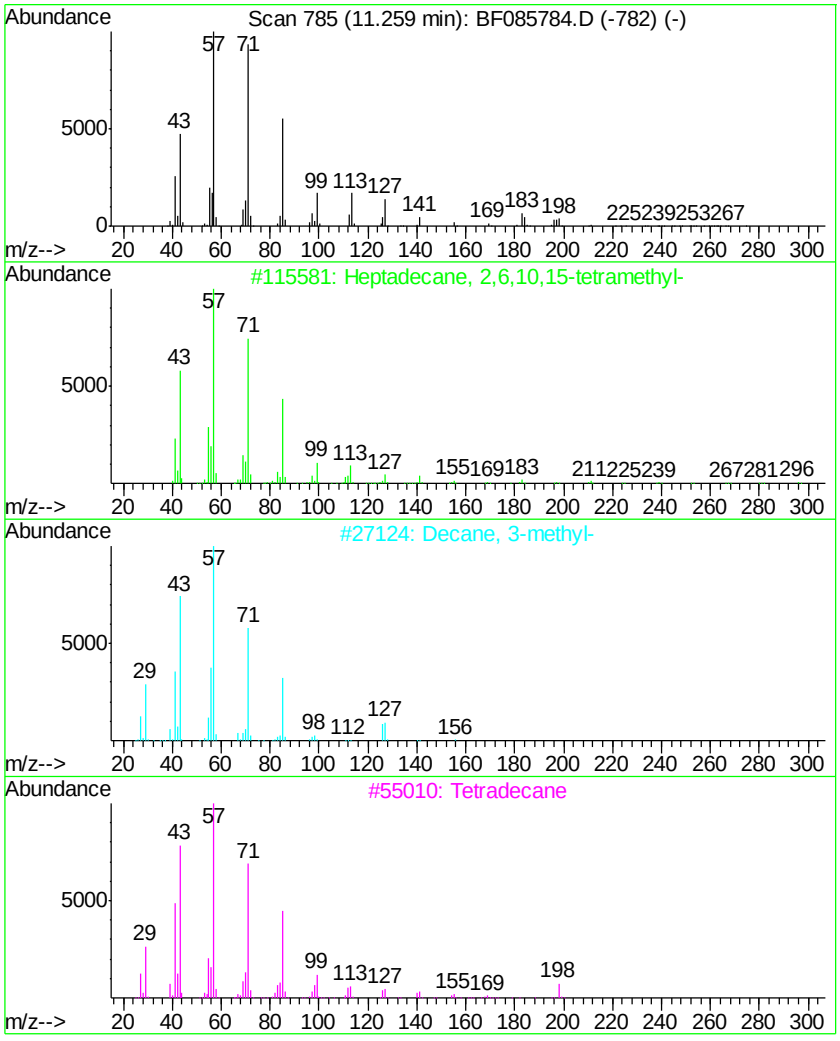
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

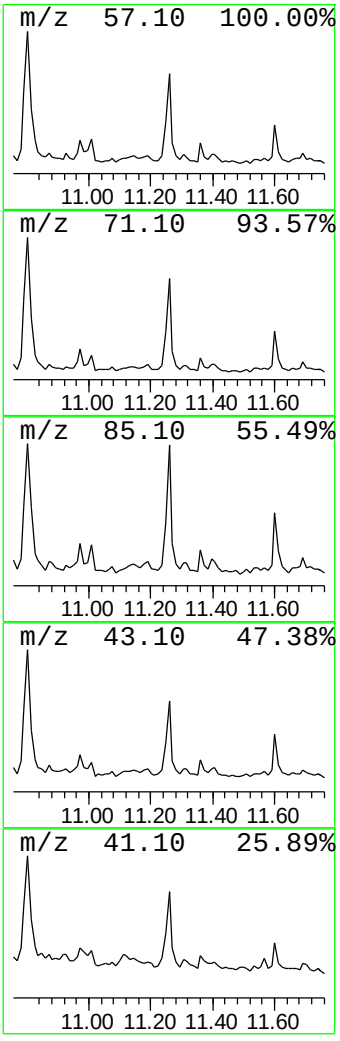
****

Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	31.04 ng	3506450	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
2	Decane, 3-methyl-	156	C11H24	013151-34-3	74
3	Tetradecane	198	C14H30	000629-59-4	72
4	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	59
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032516\
Data File : BF085784.D
Acq On : 26 Mar 2016 2:00
Operator : UM/SJ
Sample : H1834-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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
unknown6.07	6.07	35.1	ng	1860300	1	6.82	1058730	20.0
Cyclohexane, 1,1,...	6.36	46.7	ng	2470940	1	6.82	1058730	20.0
Nonane, 3-methyl-	6.41	34.4	ng	1820140	1	6.82	1058730	20.0
unknown6.60	6.60	83.9	ng	4441290	1	6.82	1058730	20.0
Benzene, 1,2,3-tr...	6.65	34.1	ng	1806080	1	6.82	1058730	20.0
unknown7.11	7.11	34.8	ng	1843980	1	6.82	1058730	20.0
Benzene, 2-ethyl-...	7.16	81.4	ng	4311360	1	6.82	1058730	20.0
unknown7.22	7.22	42.9	ng	2271840	1	6.82	1058730	20.0
Benzene, 1,2,4,5-...	7.64	37.5	ng	5040930	2	8.12	2684870	20.0
Benzene, 1,3-diet...	7.75	42.9	ng	5763310	2	8.12	2684870	20.0
Dodecane, 6-methyl-	8.18	28.7	ng	3854130	2	8.12	2684870	20.0
unknown8.41	8.41	38.3	ng	5144820	2	8.12	2684870	20.0
Heptylcyclohexane	9.03	43.9	ng	3826850	3	9.88	1745280	20.0
Benzene, 1-(2-but...	9.35	30.0	ng	2619290	3	9.88	1745280	20.0
Naphthalene, 1,5-...	9.46	30.3	ng	2642330	3	9.88	1745280	20.0
Naphthalene, 2,3,...	10.13	44.2	ng	3860730	3	9.88	1745280	20.0
Pentadecane, 2,6,...	10.54	35.8	ng	3120080	3	9.88	1745280	20.0
Dodecane, 4,6-dim...	10.80	43.7	ng	4939700	4	11.36	2259360	20.0
Heptadecane, 2,6,...	11.26	31.0	ng	3506450	4	11.36	2259360	20.0