LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084449.D
Acq On : 13 Jan 2016 18:50
Operator : SJ/UM
Sample : H1108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-9004

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-BF123115.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	3.744	138	145	150	rBV3	72630	194541	2.49%	0.165%
2	3.904	154	159	162	rVB	71526	138571	1.78%	0.117%
3	4.064	167	173	175	rBV	67180	123985	1.59%	0.105%
4	4.407	201	203	207	rVB3	58940	119124	1.53%	0.101%
5	4.853	240	242	244	rVB	136782	156570	2.01%	0.133%
6	4.933	244	249	253	rBV2	156420	355978	4.56%	0.301%
7	5.024	253	257	264	rVV	2410065	3591796	46.05%	3.042%
8	5.218	271	274	275	rBV	219742	230253	2.95%	0.195%
9	5.310	279	282	286	rBV2	182533	281359	3.61%	0.238%
10	5.413	286	291	292	rBV	241914	412543	5.29%	0.349%
11	5.447	292	294	296	rVB	7078442	7298064	93.58%	6.180%
12	5.584	304	306	309	rBV2	116990	179184	2.30%	0.152%
13	5.676	312	314	317	rVB2	78433	130984	1.68%	0.111%
14	5.733	317	319	322	rVB2	185202	215424	2.76%	0.182%
15	5.836	325	328	330	rBV2	210117	295387	3.79%	0.250%
16	5.893	330	333	337	rBV2	97488	182523	2.34%	0.155%
17	5.973	338	340	343	rVB	218605	268867	3.45%	0.228%
18	6.030	343	345	347	rBV	102427	156653	2.01%	0.133%
19	6.076	347	349	352	rVB	592562	642054	8.23%	0.544%
20	6.133	352	354	355	rBV	276128	255572	3.28%	0.216%
21	6.167	355	357	363	rVB4	80233	248123	3.18%	0.210%
22	6.270	363	366	367	rBV	199875	264143	3.39%	0.224%
23	6.327	367	371	372	rBV2	272862	312781	4.01%	0.265%
24	6.361	372	374	378	rVB3	360598	466511	5.98%	0.395%
25	6.419	378	379	381	rBV2	196306	230154	2.95%	0.195%
26	6.476	381	384	387	rVV	5690859	7663863	98.27%	6.490%
27	6.567	390	392	393	rBV	156131	233102	2.99%	0.197%
28	6.601	393	395	398	rVV	6262043	7336119	94.06%	6.212%
29	6.670	399	401	404	rBV2	645086	638856	8.19%	0.541%
30	6.773	408	410	411	rBV2	81606	110713	1.42%	0.094%
31	6.830	413	415	419	rVB2	1890678	2258085	28.95%	1.912%
32	6.899	419	421	422	rBV	176241	243177	3.12%	0.206%
33	6.933	422	424	425	rVV2	70676	125120	1.60%	0.106%
34	6.956	425	426	427	rVV	179689	166530	2.14%	0.141%

LSC Area Percent Report

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Data File : BF084449.D
Acq On : 13 Jan 2016 18:50
Operator : SJ/UM
Sample : H1108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-9004

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-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.990	427	429	431	rVV	6495591	6135739	78.67%	5.196%
36	7.070	433	436	437	rBV	114147	148994	1.91%	0.126%
37	7.116	437	440	441	rVB	375927	470217	6.03%	0.398%
38	7.150	441	443	444	rBV2	169920	210177	2.69%	0.178%
39	7.173	444	445	447	rBV	237151	294696	3.78%	0.250%
40	7.230	447	450	451	rVV	382264	438433	5.62%	0.371%
41	7.264	451	453	455	rVB2	88987	159069	2.04%	0.135%
42	7.310	455	457	459	rBV2	58620	107907	1.38%	0.091%
43	7.402	462	465	467	rVV	4997832	5820448	74.63%	4.929%
44	7.436	467	468	470	rVV	1468665	1169320	14.99%	0.990%
45	7.482	470	472	474	rVV2	301480	482503	6.19%	0.409%
46	7.550	474	478	480	rVV2	319156	634636	8.14%	0.537%
47	7.596	480	482	483	rVV	182629	296162	3.80%	0.251%
48	7.642	483	486	488	rVV3	394522	781251	10.02%	0.662%
49	7.756	490	496	498	rVV5	420913	1083695	13.90%	0.918%
50	7.802	498	500	502	rVV2	439120	707558	9.07%	0.599%
51	7.836	502	503	504	rVV	394460	415306	5.33%	0.352%
52	7.870	504	506	509	rVV2	535803	947244	12.15%	0.802%
53	7.916	509	510	511	rVV	461426	449379	5.76%	0.381%
54	8.007	515	518	521	rVV3	276493	719718	9.23%	0.609%
55	8.076	521	524	525	rVV2	281708	611747	7.84%	0.518%
56	8.110	525	527	529	rVV2	3014536	4467615	57.28%	3.783%
57	8.190	529	534	535	rVV	1029572	1733909	22.23%	1.468%
58	8.213	535	536	540	rVV3	352128	715259	9.17%	0.606%
59	8.282	540	542	544	rVV2	209560	448976	5.76%	0.380%
60	8.327	544	546	547	rVV2	402618	484625	6.21%	0.410%
61	8.419	550	554	557	rVV3	491314	1424985	18.27%	1.207%
62	8.465	557	558	560	rVV2	452948	611470	7.84%	0.518%
63	8.499	560	561	563	rVV	548643	638152	8.18%	0.540%
64	8.545	563	565	570	rVV	1490167	2094559	26.86%	1.774%
65	8.625	570	572	573	rVV	213422	282336	3.62%	0.239%
66	8.659	573	575	578	rVV4	263959	601111	7.71%	0.509%
67	8.716	578	580	582	rVV	2204256	2194309	28.14%	1.858%
68	8.773	582	585	587	rVV3	315477	867134	11.12%	0.734%
69	8.807	587	588	590	rVV	433485	509033	6.53%	0.431%
70	8.865	590	593	595	rVV3	155087	422926	5.42%	0.358%
71	8.910	595	597	602	rVV5	172301	647512	8.30%	0.548%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084449.D
Acq On : 13 Jan 2016 18:50
Operator : SJ/UM
Sample : H1108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-9004

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-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.002	602	605	608	rVV3	341393	978437	12.55%	0.829%
73	9.082	610	612	613	rVV	372868	453051	5.81%	0.384%
74	9.116	613	615	616	rVV	315391	412516	5.29%	0.349%
75	9.150	616	618	619	rVV	705544	960553	12.32%	0.813%
76	9.196	619	622	624	rVV	7280472	7686324	98.56%	6.509%
77	9.276	627	629	632	rVV	1472321	1751310	22.46%	1.483%
78	9.322	632	633	638	rVV4	213110	508485	6.52%	0.431%
79	9.436	641	643	645	rBV3	47477	107667	1.38%	0.091%
80	9.527	650	651	654	rVV2	144311	309928	3.97%	0.262%
81	9.596	654	657	661	rVB	1795678	2483437	31.84%	2.103%
82	9.745	668	670	672	rBV2	88231	157927	2.02%	0.134%
83	9.813	672	676	678	rVV	595311	948745	12.16%	0.803%
84	9.870	678	681	684	rVB	2590611	2496873	32.02%	2.114%
85	10.042	693	696	697	rBV3	94102	162173	2.08%	0.137%
86	10.133	702	704	706	rVB	165452	162530	2.08%	0.138%
87	10.305	717	719	721	rVB	480928	442969	5.68%	0.375%
88	10.522	735	738	742	rBV	180598	325515	4.17%	0.276%
89	10.659	747	750	753	rBV	4566381	5133619	65.82%	4.347%
90	10.785	759	761	765	rVB	351453	626054	8.03%	0.530%
91	11.230	798	800	801	rBV	209900	194363	2.49%	0.165%
92	11.253	801	802	806	rVB	121099	141696	1.82%	0.120%
93	11.356	808	811	813	rBV	2475800	2382645	30.55%	2.018%
94	12.945	947	950	952	rBV	7578182	7799010	100.00%	6.604%
95	13.242	972	976	978	rBV	70239	101870	1.31%	0.086%
96	13.848	1025	1029	1035	rBV	137365	292043	3.74%	0.247%
97	13.985	1038	1041	1044	rVV	2140016	2321813	29.77%	1.966%
98	14.362	1073	1074	1076	rBV	74812	103353	1.33%	0.088%
99	15.082	1133	1137	1140	rBV2	52716	119499	1.53%	0.101%
100	15.414	1163	1166	1176	rVB2	1107660	2768906	35.50%	2.345%

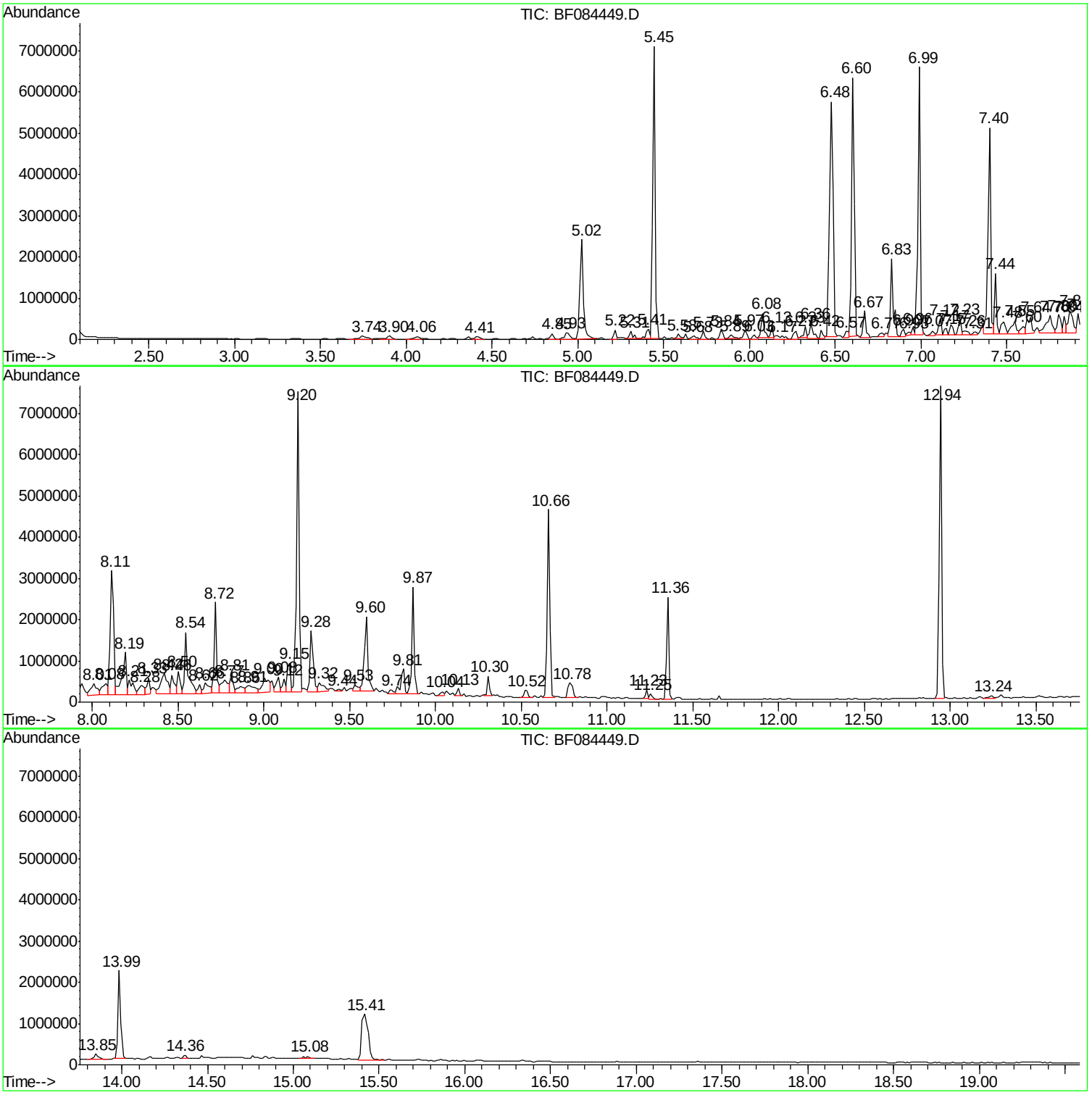
Sum of corrected areas: 118088130

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084449.D
Acq On : 13 Jan 2016 18:50
Operator : SJ/UM
Sample : H1108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-9004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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\BF011316\
Data File : BF084449.D
Acq On : 13 Jan 2016 18:50
Operator : SJ/UM
Sample : H1108-01
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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST02.L
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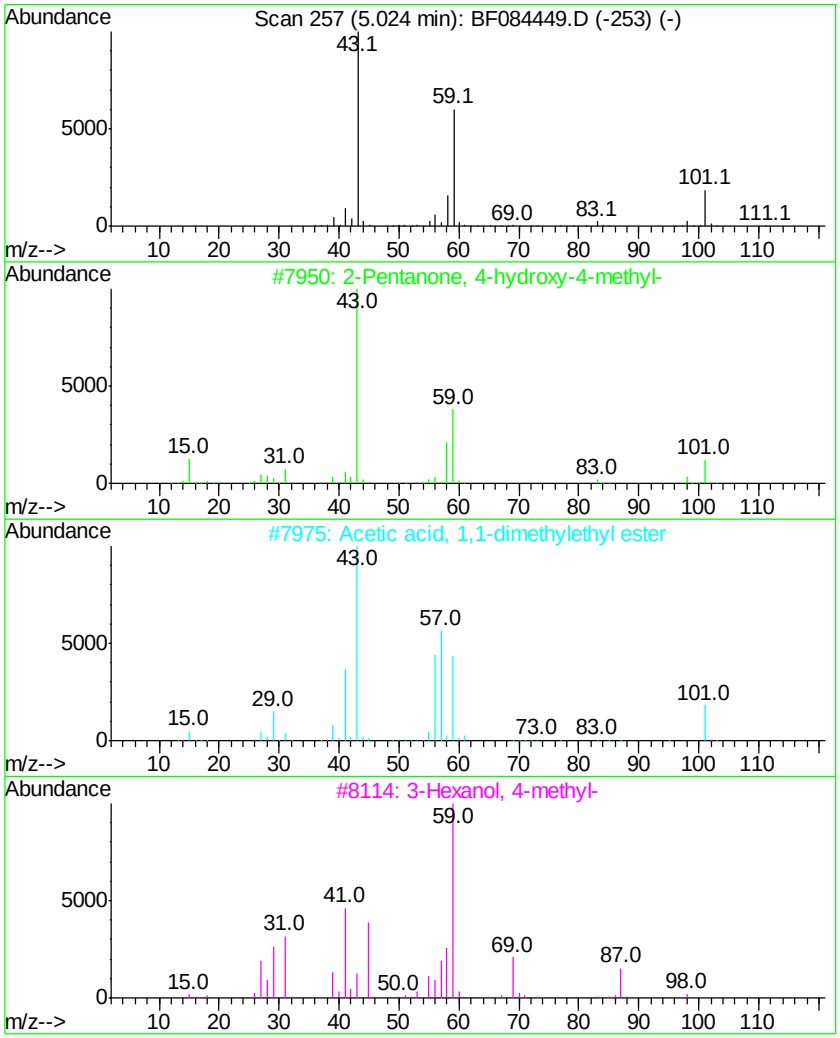
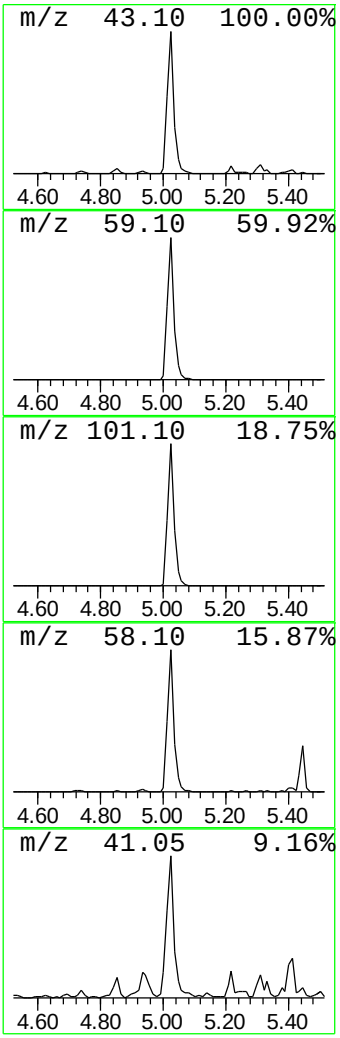
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	31.81 ng	3591800	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084449.D
Acq On : 13 Jan 2016 18:50
Operator : SJ/UM
Sample : H1108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-9004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

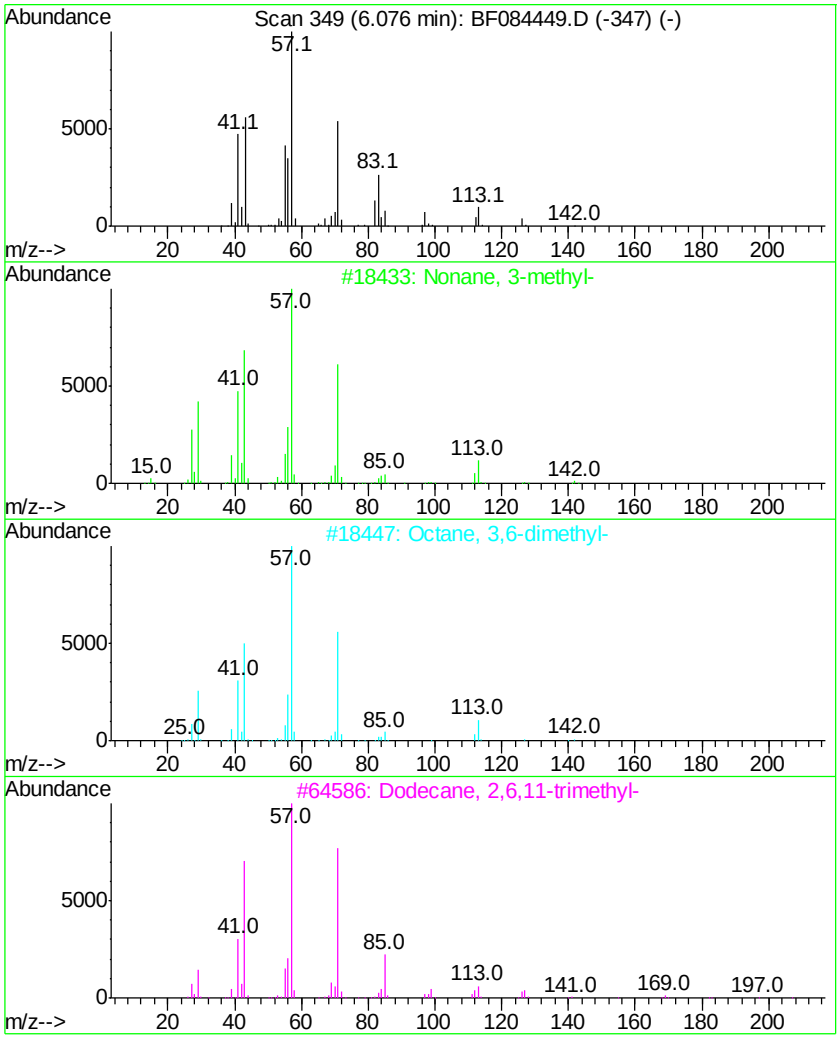
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

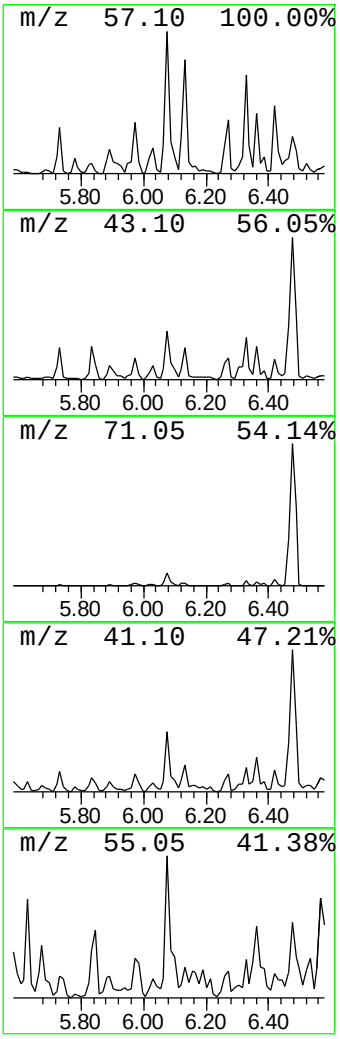
****

Peak Number 2 Nonane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.08	5.69 ng	642054	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084449.D
Acq On : 13 Jan 2016 18:50
Operator : SJ/UM
Sample : H1108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-9004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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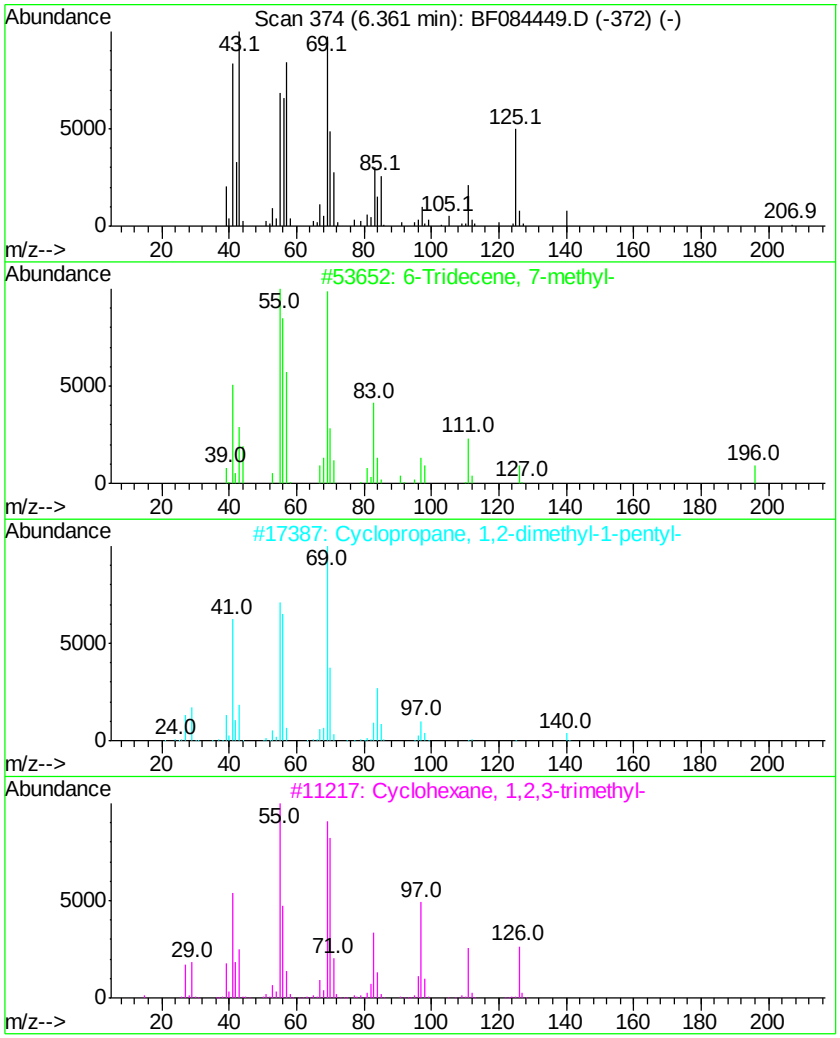
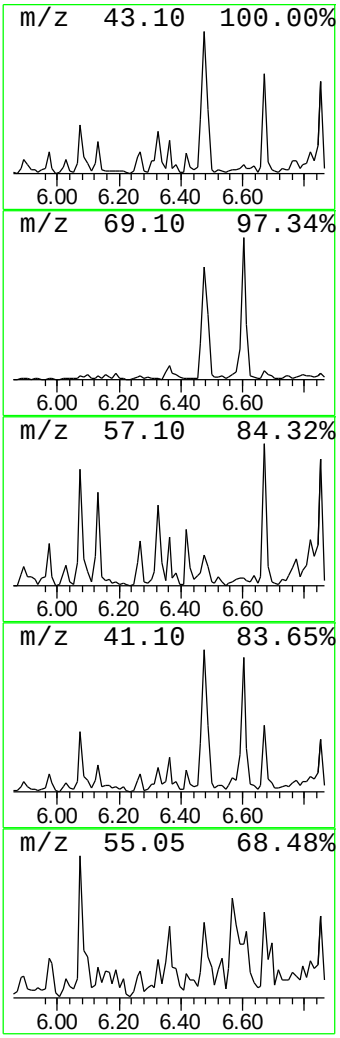
Peak Number 3 6-Tridecene, 7-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	4.13 ng	466511	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	50
2	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	49
3	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	49
4	Methylphosphonic acid, fluoroanh...	224	C10H22FO2P	193090-16-3	47
5	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084449.D
Acq On : 13 Jan 2016 18:50
Operator : SJ/UM
Sample : H1108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-9004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

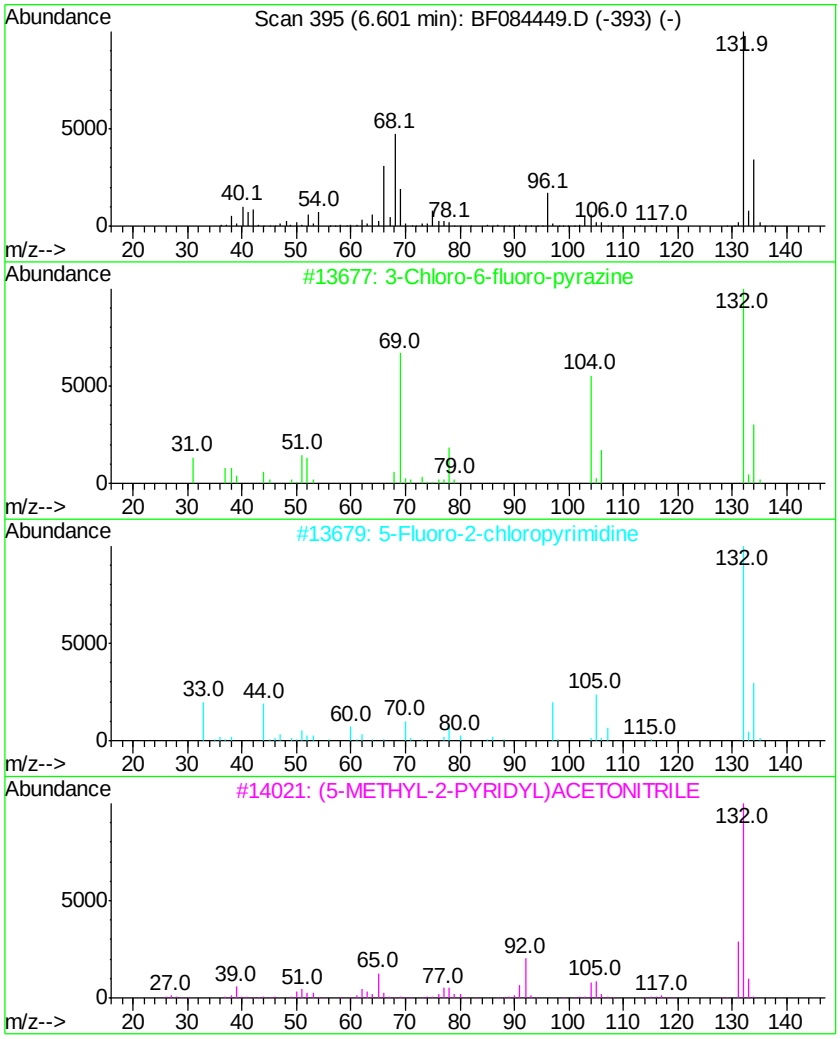
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

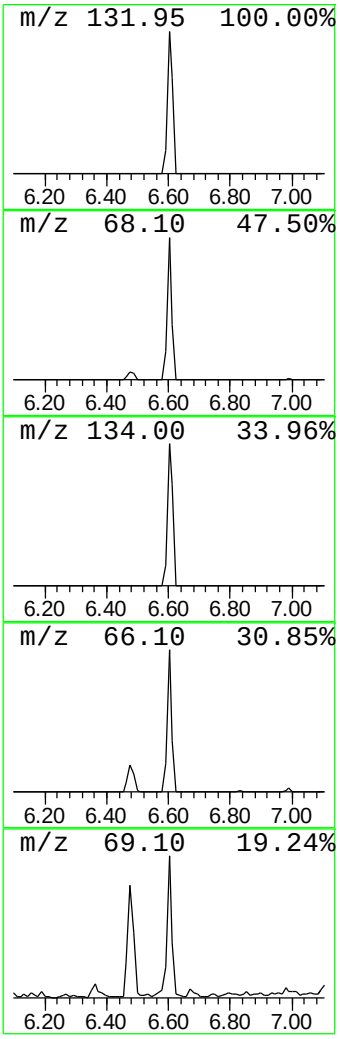
****

Peak Number 4 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	64.98 ng	7336120	1,4-Dichlorobenzene-d4	6.83

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	16
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084449.D
Acq On : 13 Jan 2016 18:50
Operator : SJ/UM
Sample : H1108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-9004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

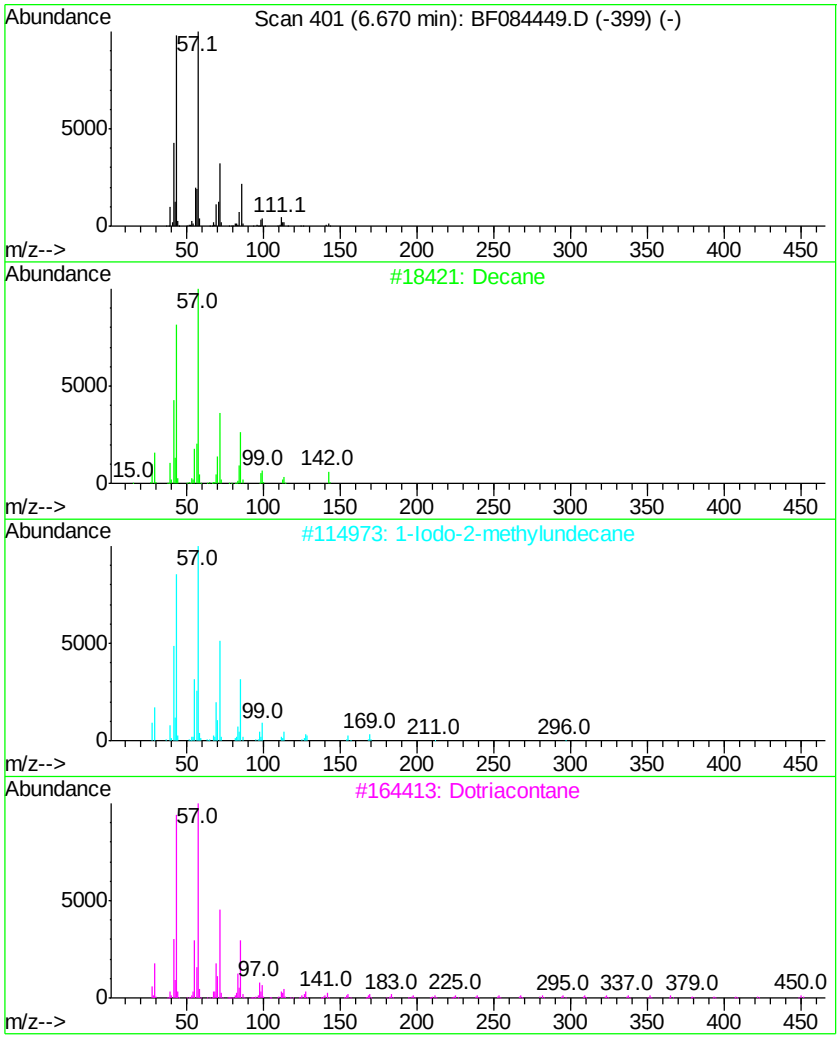
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

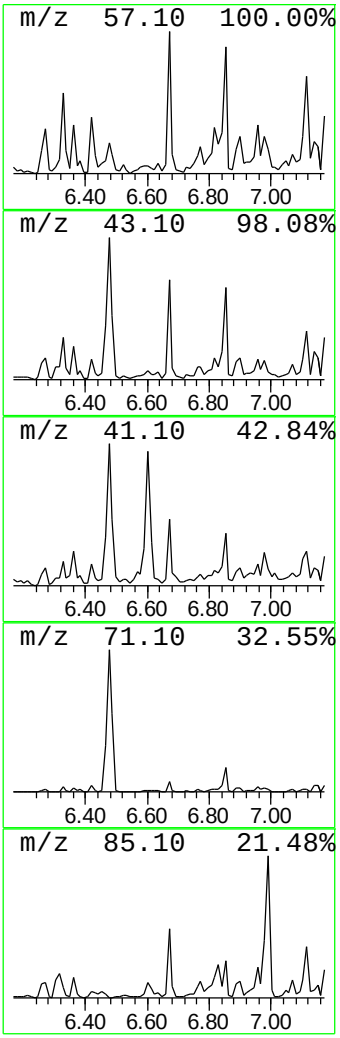
****

Peak Number 5 Decane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	5.66 ng	638856	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	93
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
3	Dotriacontane	451	C32H66	000544-85-4	72
4	Nonane	128	C9H20	000111-84-2	72
5	Ether, hexyl pentyl	172	C11H24O	032357-83-8	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084449.D
Acq On : 13 Jan 2016 18:50
Operator : SJ/UM
Sample : H1108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-9004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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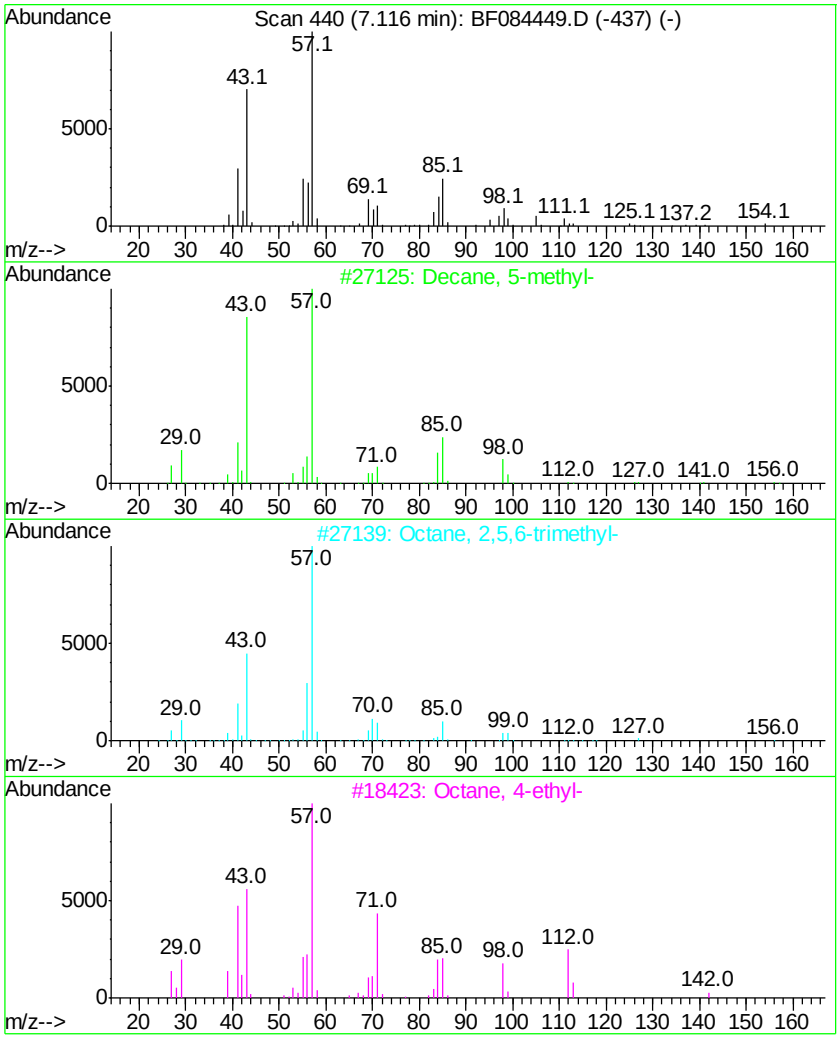
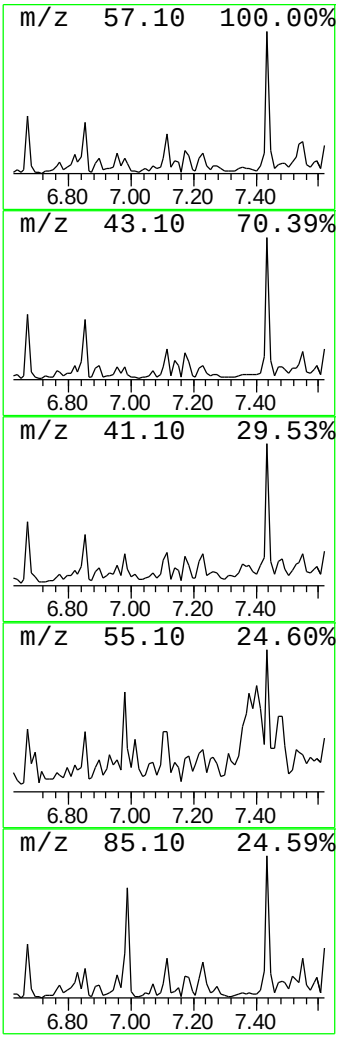
Peak Number 7 Decane, 5-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	4.16 ng	470217	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	59
2	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	50
3	Octane, 4-ethyl-	142	C10H22	015869-86-0	50
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47
5	Pentane, 3-ethyl-2,3-dimethyl-	128	C9H20	016747-33-4	47





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Acq On : 13 Jan 2016 18:50
Operator : SJ/UM
Sample : H1108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-9004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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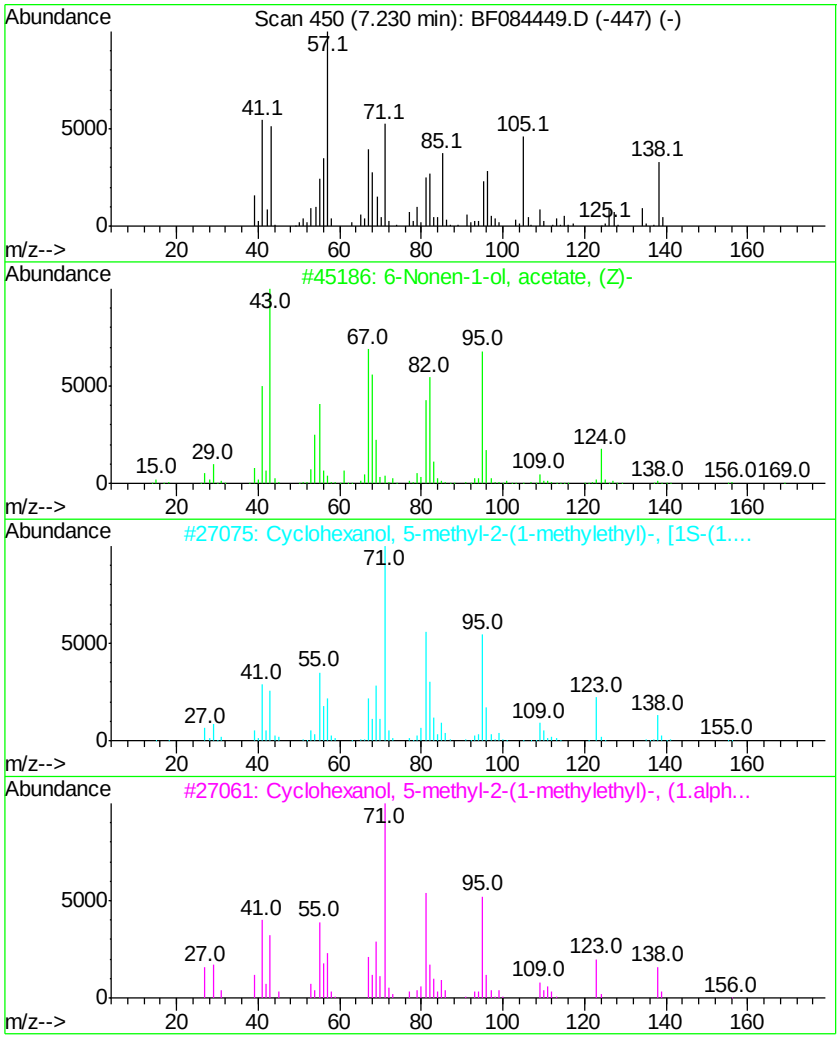
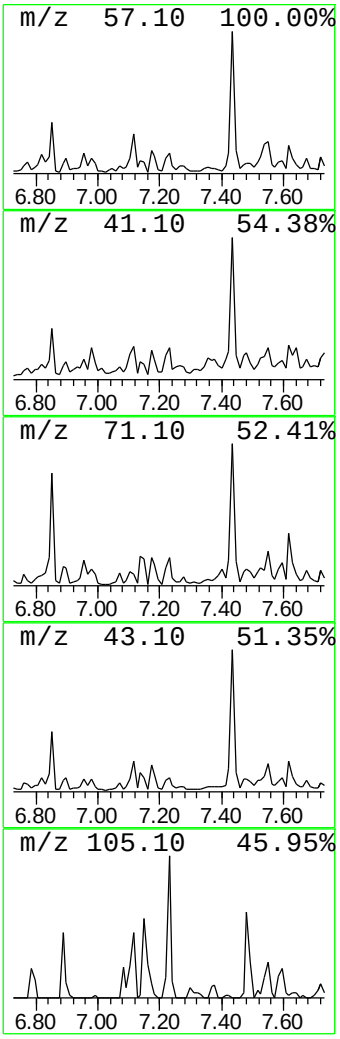
Peak Number 8 unknown7.23 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	3.88 ng	438433	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Nonen-1-ol, acetate, (Z)-	184	C11H20O2	076238-22-7	35
2	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	023283-97-8	27
3	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000490-99-3	27
4	Cyclohexene, 4-(1,1-dimethylethyl)-	138	C10H18	002228-98-0	27
5	Cyclohexanol, 3-methyl-	114	C7H14O	000591-23-1	25





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Sample : H1108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-9004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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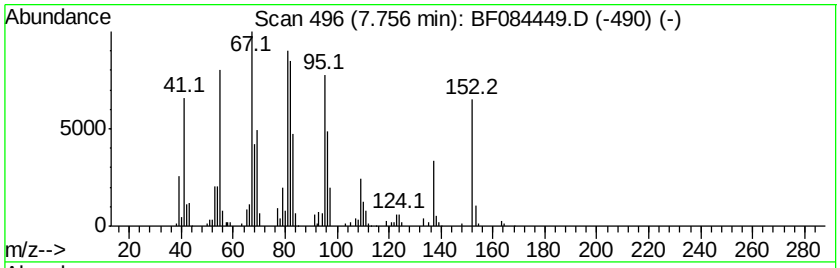
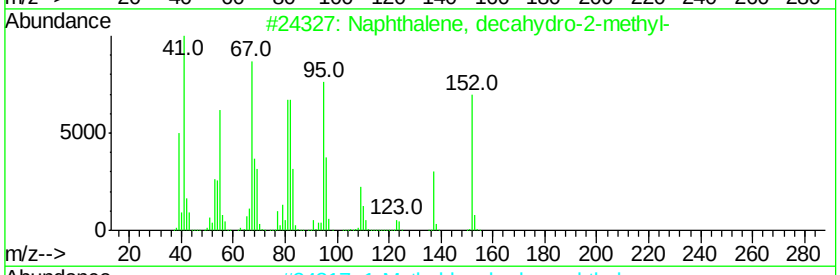
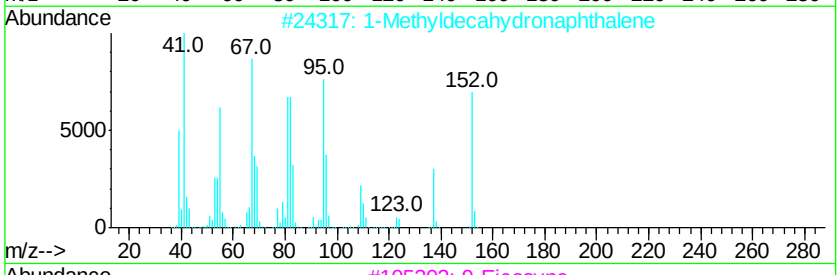
Peak Number 9 Naphthalene, decahydro-2-me... Concentration Rank 14

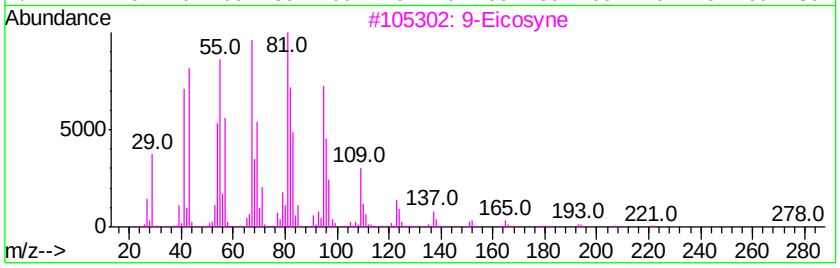
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	4.85 ng	1083700	Naphthalene-d8	8.12

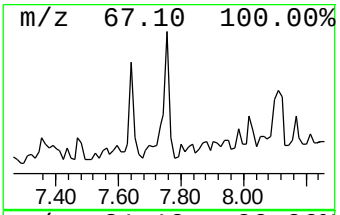
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
2	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	96
3	9-Eicosyne	278	C20H38	071899-38-2	83
4	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	70
5	Cycloundecene(E)	152	C11H20	013151-60-5	70

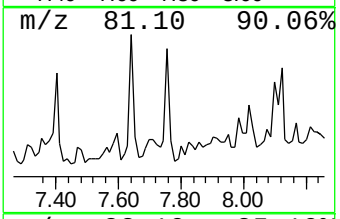


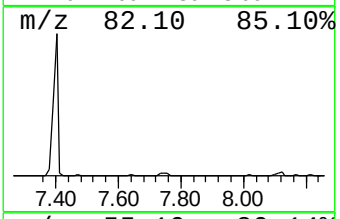


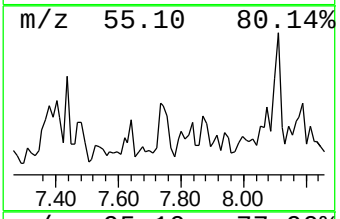


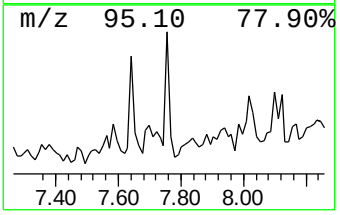












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Acq On : 13 Jan 2016 18:50
Operator : SJ/UM
Sample : H1108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-9004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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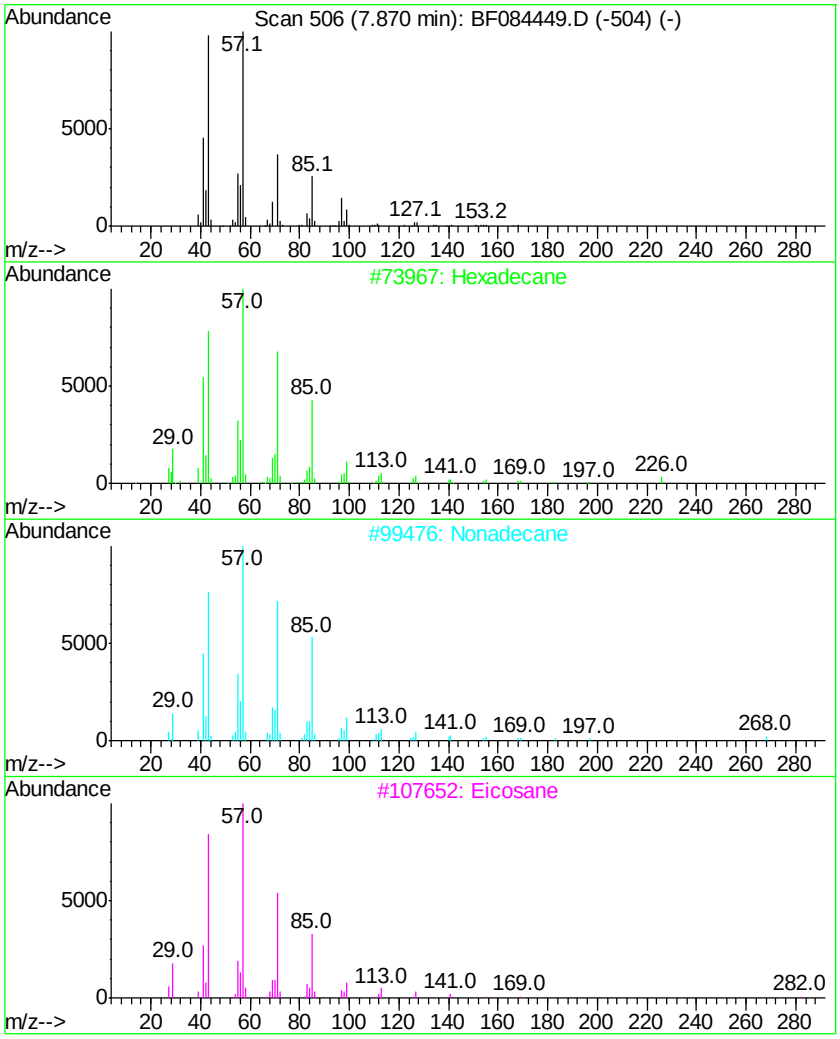
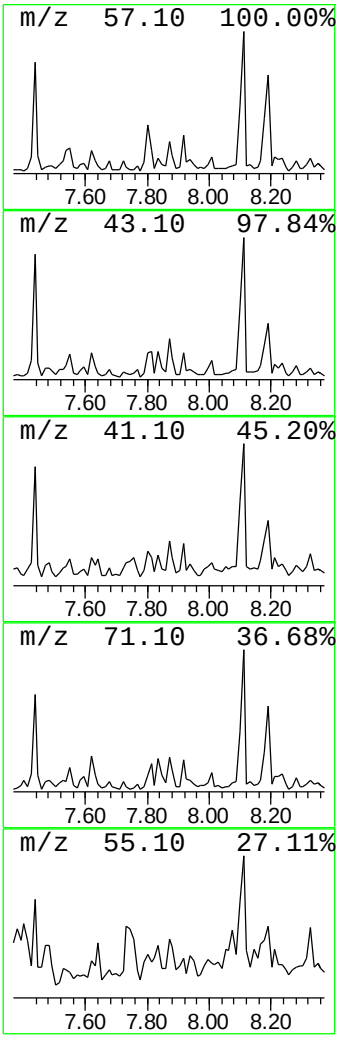
Peak Number 10 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	4.24 ng	947244	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	72
2	Nonadecane	268	C19H40	000629-92-5	72
3	Eicosane	282	C20H42	000112-95-8	64
4	Hexatriacontane	507	C36H74	000630-06-8	64
5	Decane	142	C10H22	000124-18-5	64





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

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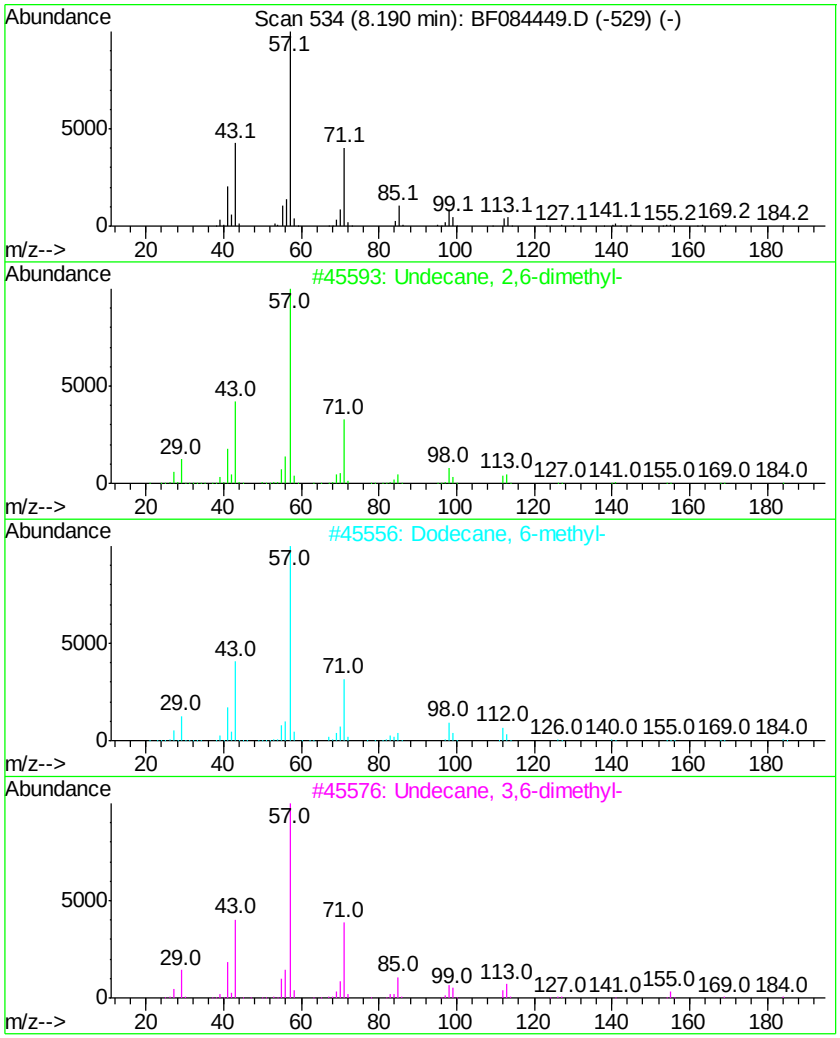
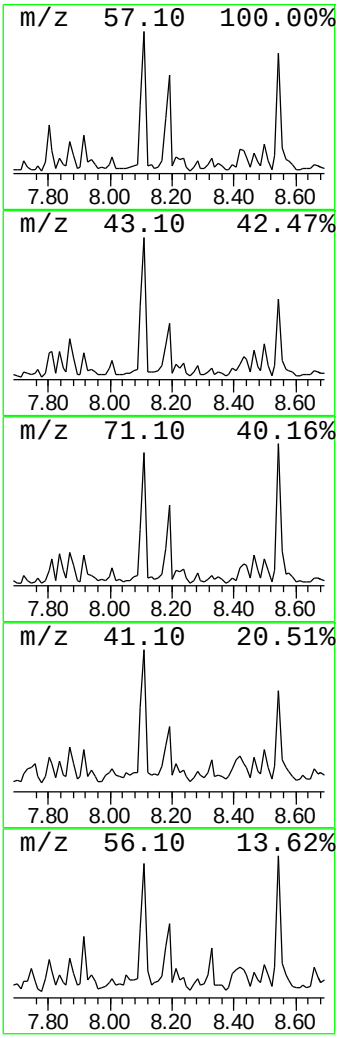
Peak Number 11 Undecane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	7.76 ng	1733910	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	87
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	86
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64





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Sample : H1108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-9004

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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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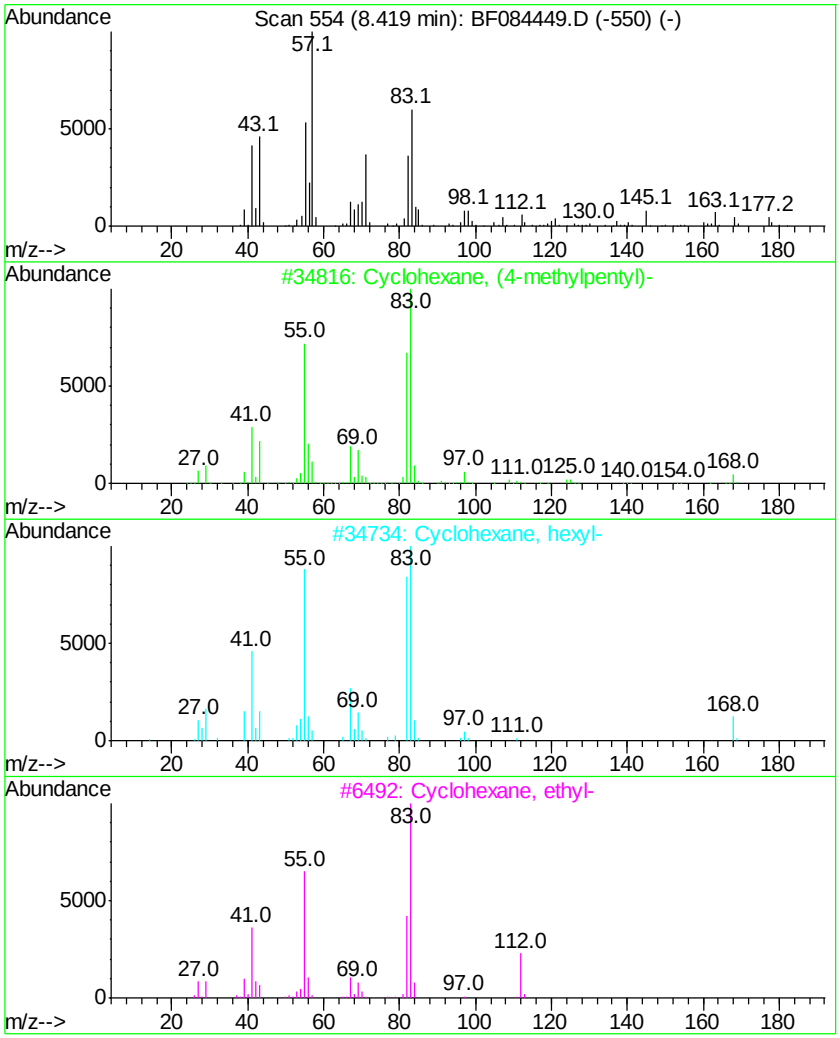
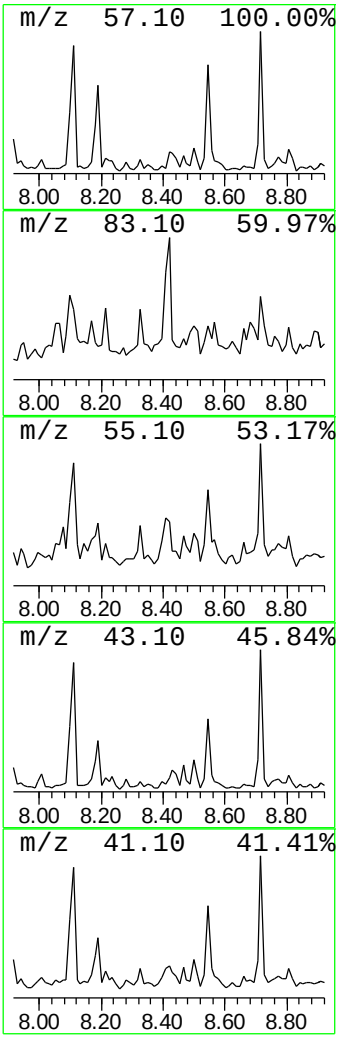
Peak Number 12 unknown8.42 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	6.38 ng	1424990	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	49
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	43
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	43
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	35
5	Cyclohexane, methyl-	98	C7H14	000108-87-2	27





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Instrument : BNA_F
ClientSampleId : S8-9004

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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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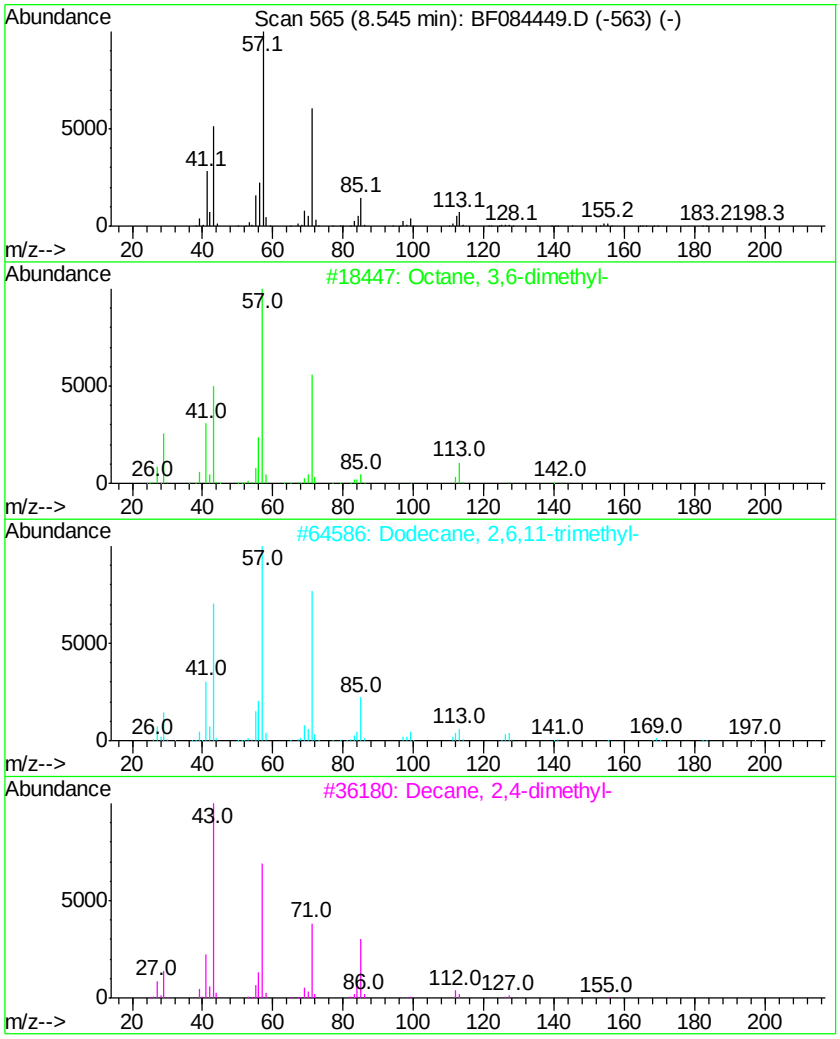
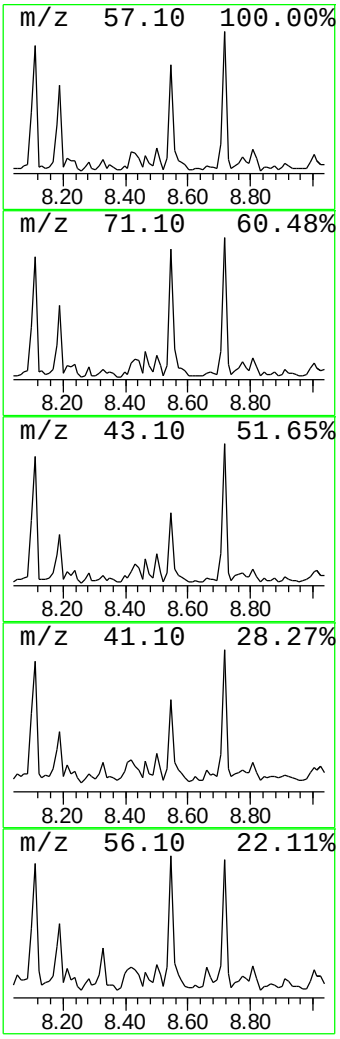
Peak Number 13 Octane, 3,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	9.38 ng	2094560	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
3	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	59
4	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	58
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	53





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-9004

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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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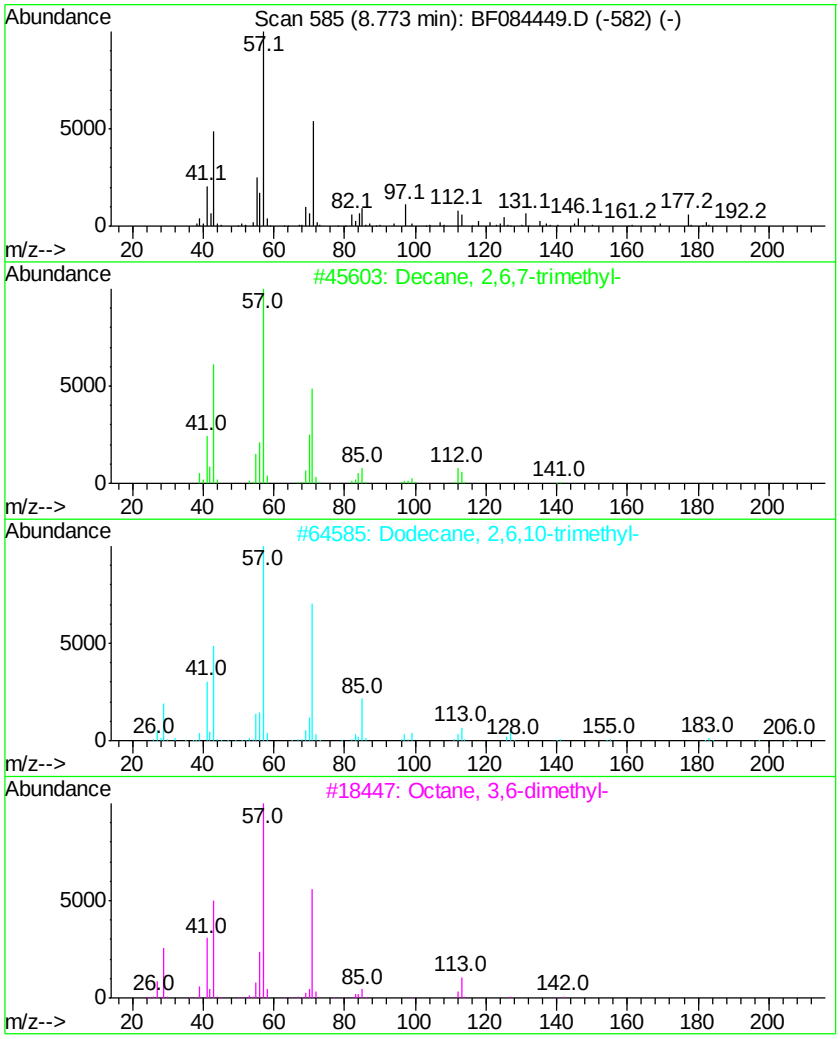
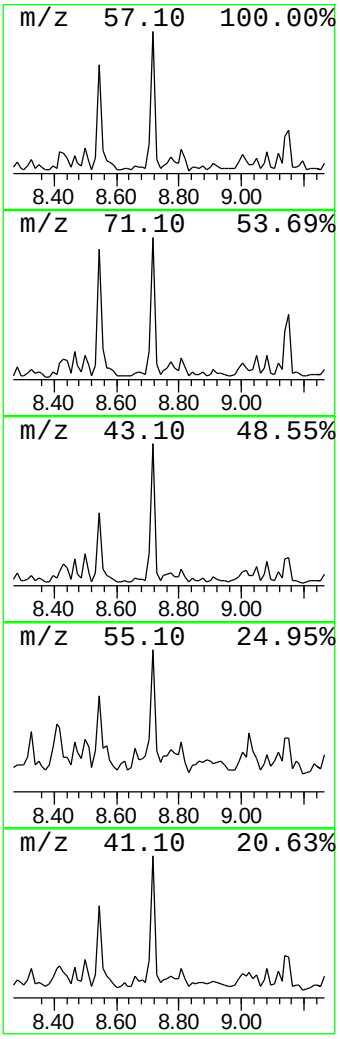
Peak Number 15 Decane, 2,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	3.88 ng	867134	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	47
4	Hexadecane	226	C16H34	000544-76-3	43
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	43





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ClientSampleId : S8-9004

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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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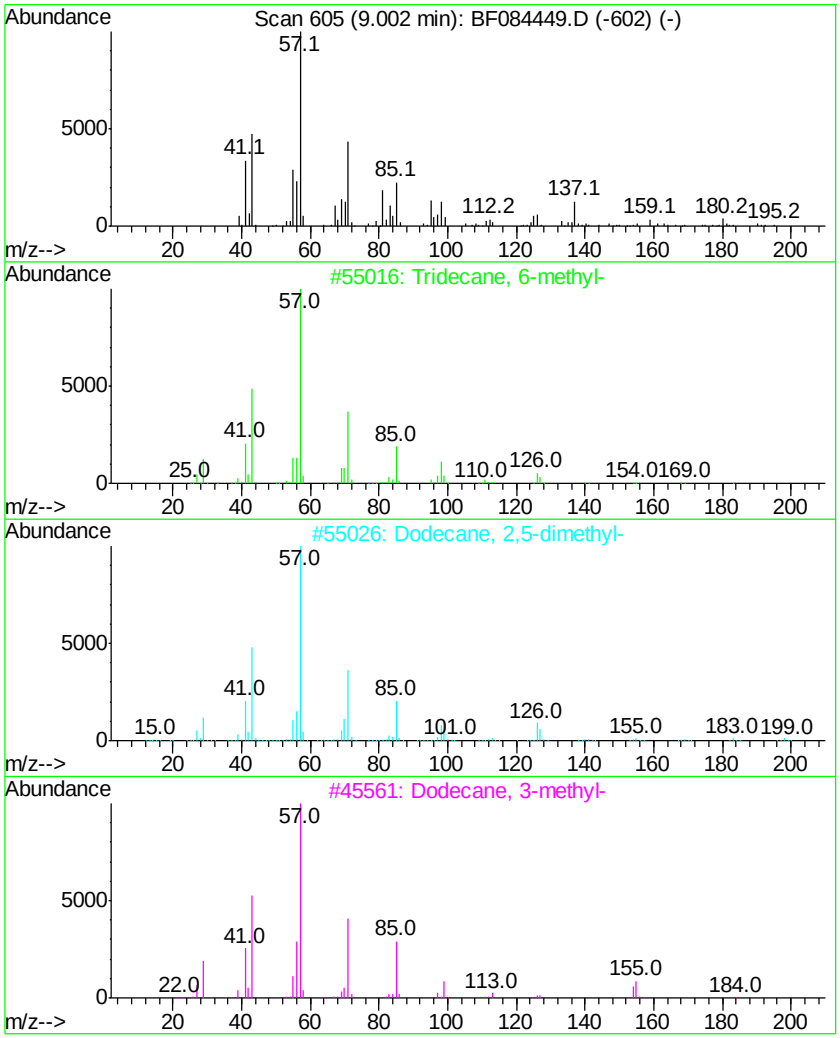
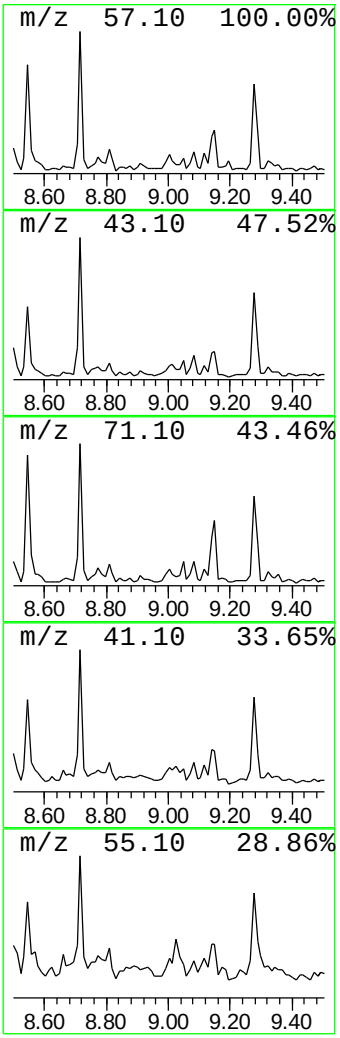
Peak Number 16 Tridecane, 6-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	7.84 ng	978437	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
2	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	53
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	50
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	50
5	Pentadecane	212	C15H32	000629-62-9	47





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Instrument : BNA_F
ClientSampleId : S8-9004

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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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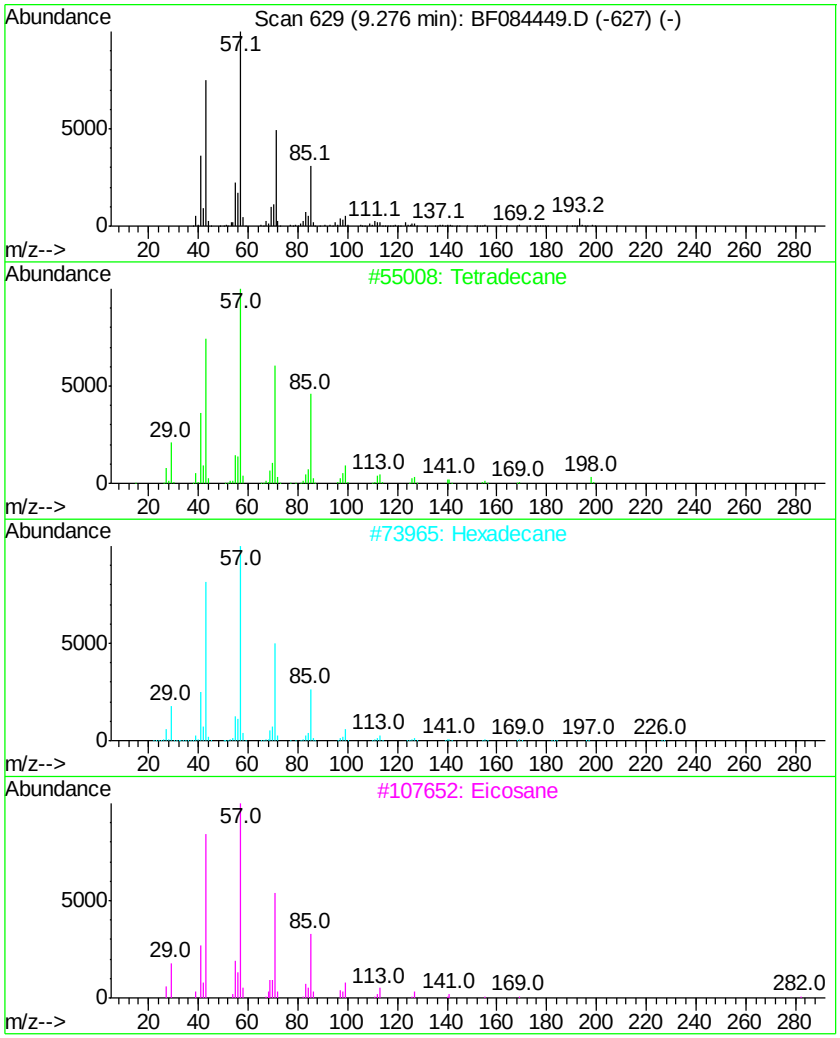
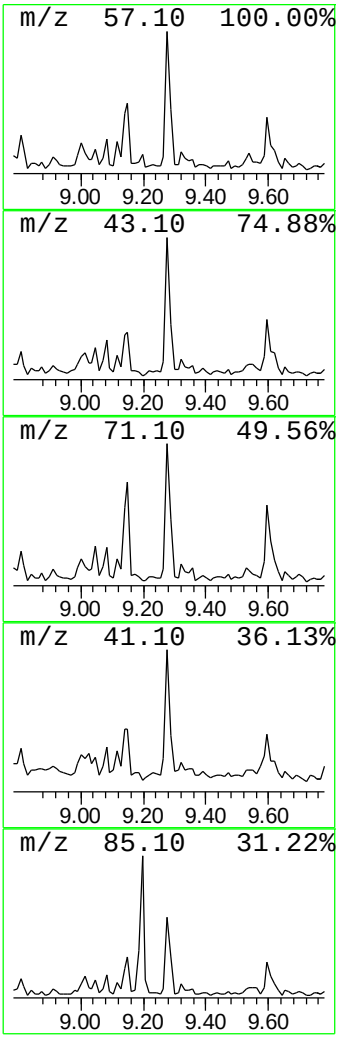
Peak Number 17 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	14.03 ng	1751310	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Eicosane	282	C20H42	000112-95-8	86
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5	Nonacosane	408	C29H60	000630-03-5	64





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Acq On : 13 Jan 2016 18:50
Operator : SJ/UM
Sample : H1108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-9004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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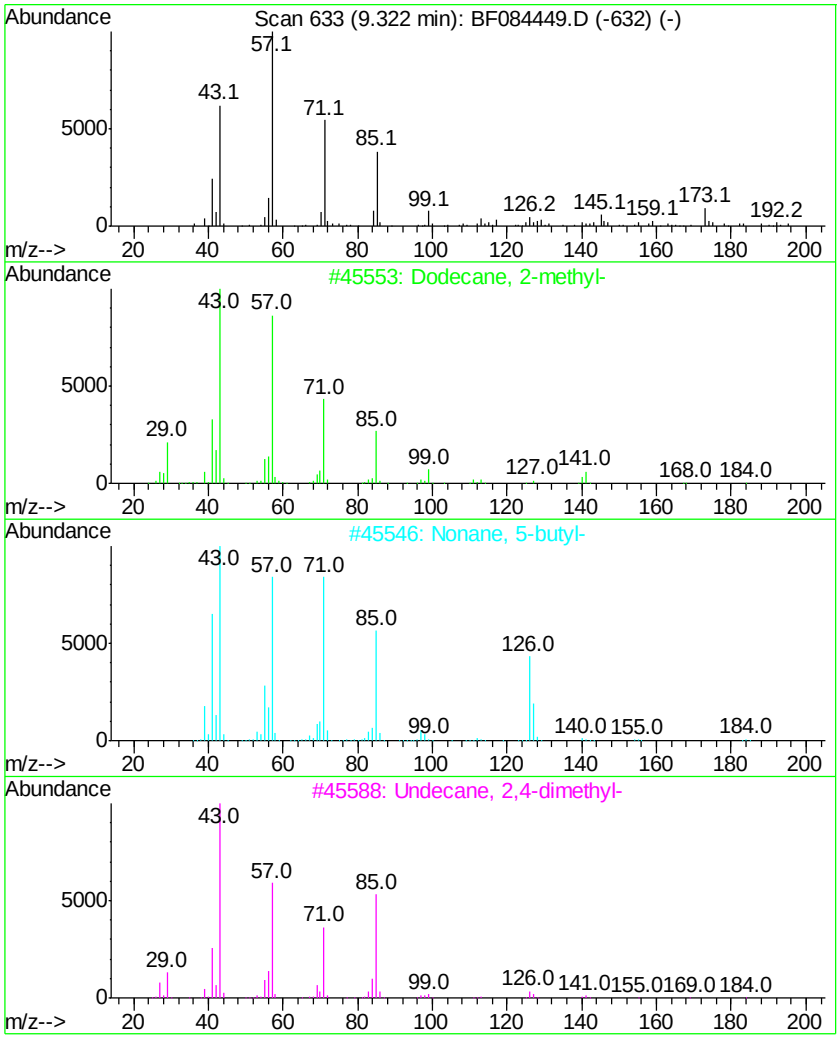
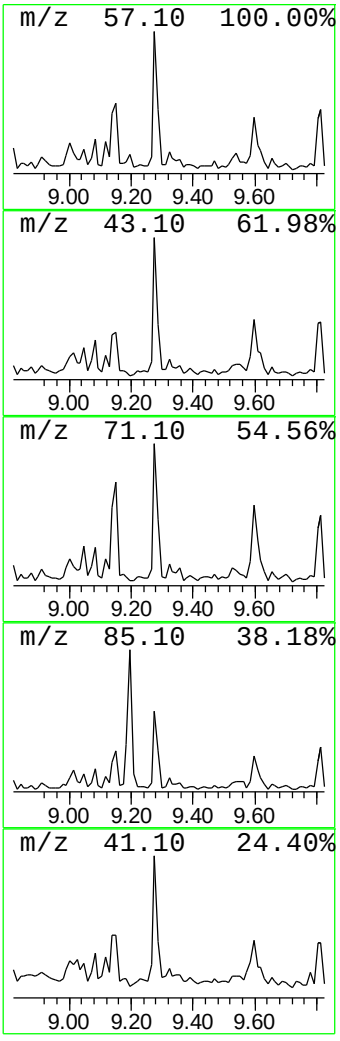
Peak Number 18 Dodecane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	4.07 ng	508485	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	59
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	53
3	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	50
4	Hexadecane	226	C16H34	000544-76-3	49
5	Nonane	128	C9H20	000111-84-2	49





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Acq On : 13 Jan 2016 18:50
Operator : SJ/UM
Sample : H1108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-9004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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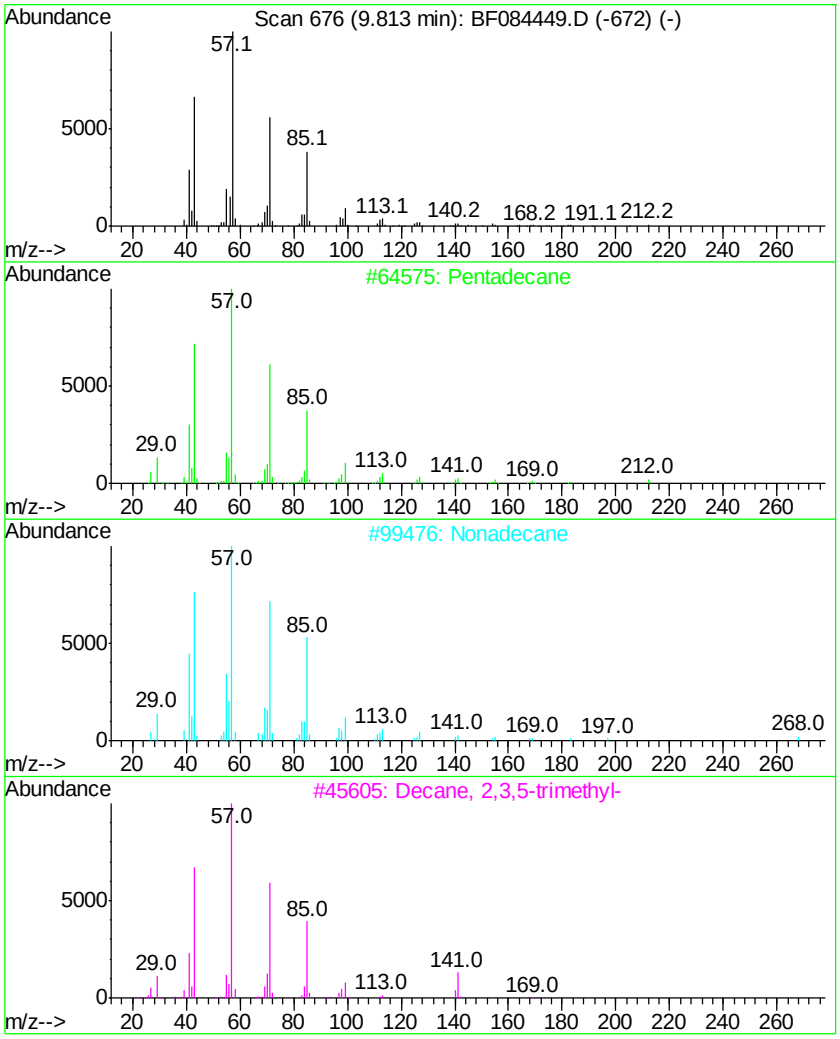
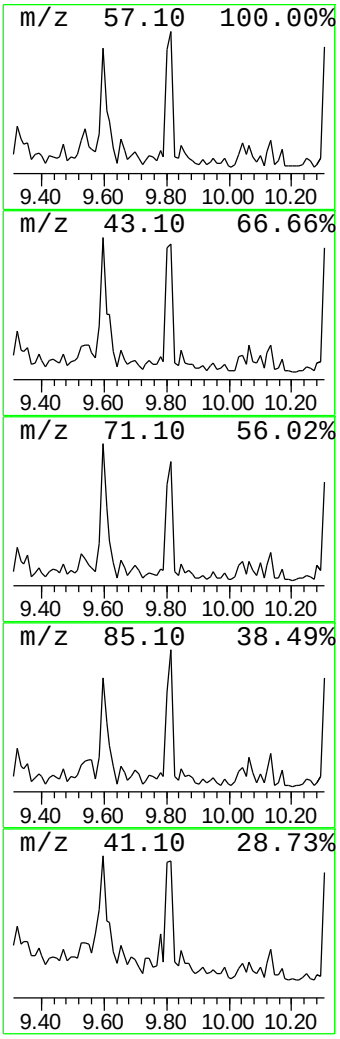
Peak Number 19 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	7.60 ng	948745	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Nonadecane	268	C19H40	000629-92-5	86
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Heptacosane	380	C27H56	000593-49-7	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084449.D
Acq On : 13 Jan 2016 18:50
Operator : SJ/UM
Sample : H1108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-9004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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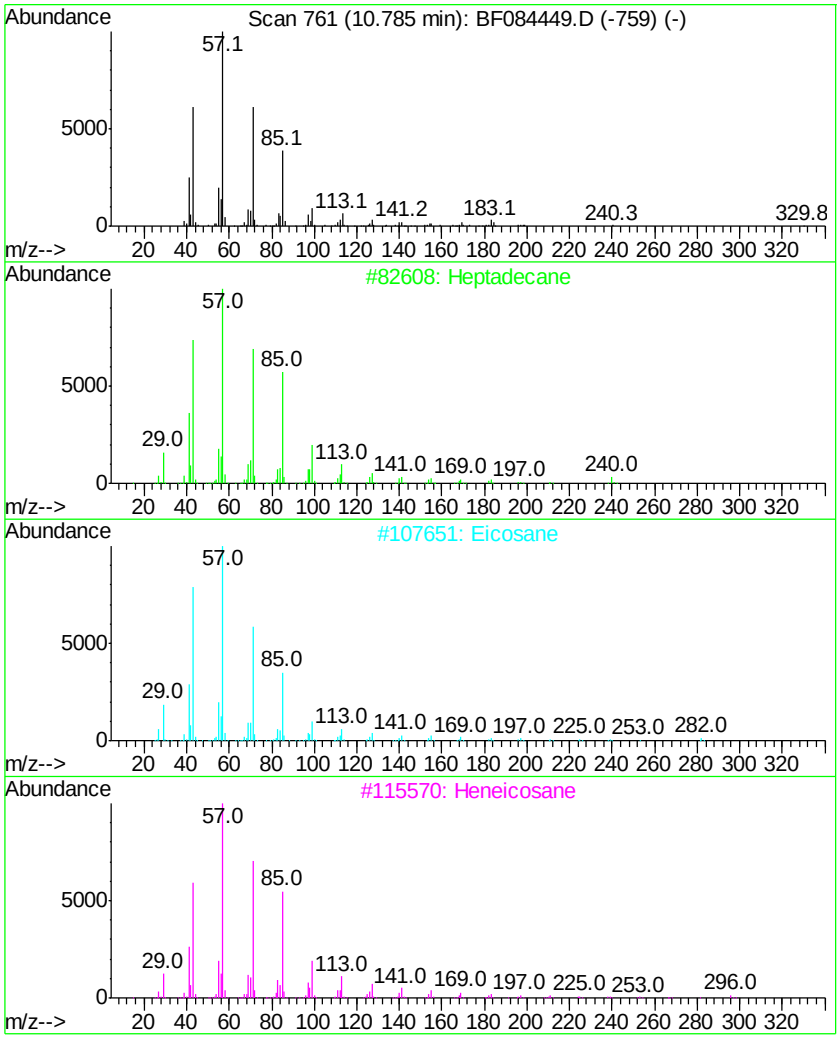
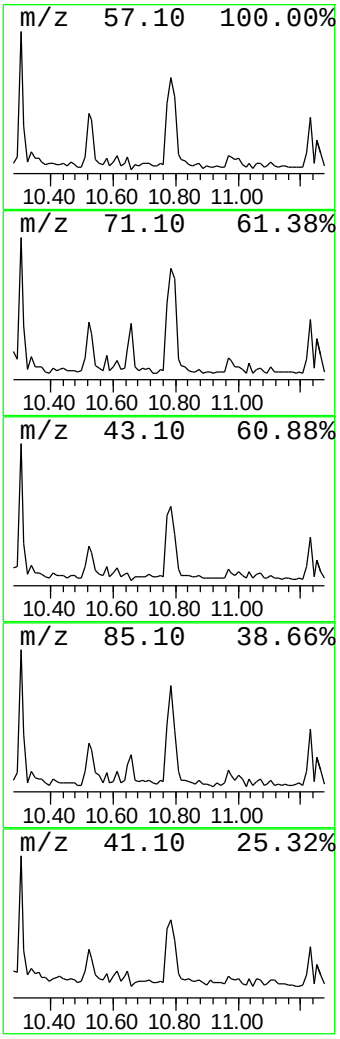
Peak Number 20 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	5.26 ng	626054	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Eicosane	282	C20H42	000112-95-8	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tridecane	184	C13H28	000629-50-5	87
5	Heptacosane	380	C27H56	000593-49-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011316\
Data File : BF084449.D
Acq On : 13 Jan 2016 18:50
Operator : SJ/UM
Sample : H1108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-9004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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
2-Pentanone, 4-hy...	5.02	31.8	ng	3591800	1	6.83	2258090	20.0
Nonane, 3-methyl-	6.08	5.7	ng	642054	1	6.83	2258090	20.0
6-Tridecene, 7-me...	6.36	4.1	ng	466511	1	6.83	2258090	20.0
unknown6.60	6.60	65.0	ng	7336120	1	6.83	2258090	20.0
Decane	6.67	5.7	ng	638856	1	6.83	2258090	20.0
Decane, 5-methyl-	7.12	4.2	ng	470217	1	6.83	2258090	20.0
unknown7.23	7.23	3.9	ng	438433	1	6.83	2258090	20.0
Naphthalene, deca...	7.76	4.8	ng	1083700	2	8.12	4467620	20.0
Hexadecane	7.87	4.2	ng	947244	2	8.12	4467620	20.0
Undecane, 2,6-dim...	8.19	7.8	ng	1733910	2	8.12	4467620	20.0
unknown8.42	8.42	6.4	ng	1424990	2	8.12	4467620	20.0
Octane, 3,6-dimet...	8.54	9.4	ng	2094560	2	8.12	4467620	20.0
Decane, 2,6,7-tri...	8.77	3.9	ng	867134	2	8.12	4467620	20.0
Tridecane, 6-methyl-	9.00	7.8	ng	978437	3	9.87	2496870	20.0
Tetradecane	9.28	14.0	ng	1751310	3	9.87	2496870	20.0
Dodecane, 2-methyl-	9.32	4.1	ng	508485	3	9.87	2496870	20.0
Pentadecane	9.81	7.6	ng	948745	3	9.87	2496870	20.0
Heptadecane	10.78	5.3	ng	626054	4	11.36	2382650	20.0