LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081409.D
Acq On : 4 Sep 2015 8:24
Operator : UM/IZ
Sample : G3481-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-23(0-2)

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-BF090115.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	3.530	168	170	178	rBV	59293	122537	2.96%	0.230%
2	4.421	244	248	263	rVB	768380	1501021	36.29%	2.817%
3	4.924	289	292	294	rBV	1949817	2122945	51.33%	3.984%
4	6.044	387	390	392	rBV	2137806	2357766	57.01%	4.425%
5	6.136	395	398	401	rVB	2008623	1896287	45.85%	3.559%
6	6.364	416	418	421	rVB	373960	329287	7.96%	0.618%
7	6.524	429	432	434	rBV	1843956	1623564	39.26%	3.047%
8	6.947	466	469	471	rBV	1360924	1387931	33.56%	2.605%
9	7.656	529	531	533	rBV	530502	443159	10.72%	0.832%
10	8.296	584	587	589	rBV2	870673	1012856	24.49%	1.901%
11	8.582	608	612	613	rBV2	30548	51379	1.24%	0.096%
12	8.708	622	623	624	rVV	88488	83153	2.01%	0.156%
13	8.742	624	626	628	rVB	2241686	2057415	49.75%	3.861%
14	8.845	633	635	637	rVV	355449	327758	7.93%	0.615%
15	8.890	637	639	643	rVB2	29208	59013	1.43%	0.111%
16	9.119	655	659	660	rBV2	83132	192228	4.65%	0.361%
17	9.142	660	661	667	rVB2	399784	785839	19.00%	1.475%
18	9.222	667	668	669	rBV	77927	58941	1.43%	0.111%
19	9.268	671	672	673	rVB	68393	46883	1.13%	0.088%
20	9.336	673	678	679	rBV4	82058	206008	4.98%	0.387%
21	9.370	679	681	682	rBV	780722	689816	16.68%	1.294%
22	9.393	682	683	686	rVB	346927	470281	11.37%	0.883%
23	9.519	692	694	695	rBV2	76656	124605	3.01%	0.234%
24	9.599	698	701	703	rBV2	230165	548479	13.26%	1.029%
25	9.633	703	704	705	rVB	258984	179964	4.35%	0.338%
26	9.691	707	709	711	rVB	508164	448566	10.85%	0.842%
27	9.725	711	712	716	rBV	165024	246624	5.96%	0.463%
28	9.816	716	720	721	rBV2	237500	433910	10.49%	0.814%
29	9.873	721	725	727	rBV	1556104	1735258	41.96%	3.256%
30	9.908	727	728	732	rVB3	228162	439523	10.63%	0.825%
31	9.976	732	734	738	rBV4	252261	720192	17.41%	1.351%
32	10.091	741	744	747	rBV	1443629	2417241	58.45%	4.536%
33	10.148	747	749	750	rVB	189231	240663	5.82%	0.452%
34	10.193	750	753	755	rBV4	1203982	1944190	47.01%	3.648%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081409.D
Acq On : 4 Sep 2015 8:24
Operator : UM/IZ
Sample : G3481-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-23(0-2)

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-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.365	765	768	771	rBV	2421939	4135682	100.00%	7.761%
36	10.536	781	783	785	rBV	597887	911762	22.05%	1.711%
37	10.571	785	786	788	rVB	594435	474130	11.46%	0.890%
38	10.605	788	789	790	rBV	267190	203478	4.92%	0.382%
39	10.673	793	795	796	rVV2	347513	355668	8.60%	0.667%
40	10.799	804	806	807	rBV	1968876	2086835	50.46%	3.916%
41	10.822	807	808	811	rVB	1865718	2520366	60.94%	4.730%
42	10.879	811	813	815	rVB	403797	558253	13.50%	1.048%
43	10.936	816	818	819	rVB	441889	476552	11.52%	0.894%
44	10.982	819	822	826	rBV4	344329	1031707	24.95%	1.936%
45	11.176	837	839	840	rVB	555391	676435	16.36%	1.269%
46	11.222	840	843	845	rVV	1977210	2178291	52.67%	4.088%
47	11.256	845	846	848	rVB	346086	435438	10.53%	0.817%
48	11.622	876	878	880	rVV	1702646	1559581	37.71%	2.927%
49	11.679	882	883	887	rVB2	409791	488740	11.82%	0.917%
50	11.896	901	902	905	rVB	425373	428532	10.36%	0.804%
51	11.999	910	911	913	rVB	886701	1196889	28.94%	2.246%
52	12.365	942	943	945	rBV	741476	1041087	25.17%	1.954%
53	12.457	949	951	958	rVB	1293292	2161281	52.26%	4.056%
54	12.719	972	974	976	rVB	599068	509411	12.32%	0.956%
55	12.845	983	985	990	rVB	200019	380273	9.19%	0.714%
56	13.062	1002	1004	1007	rVB	374334	521752	12.62%	0.979%
57	13.382	1030	1032	1037	rVB2	298052	520304	12.58%	0.976%
58	13.474	1039	1040	1041	rVV	275777	274913	6.65%	0.516%
59	13.508	1041	1043	1045	rVB	550712	610263	14.76%	1.145%
60	14.777	1153	1154	1157	rVB	179227	245634	5.94%	0.461%

Sum of corrected areas: 53288539

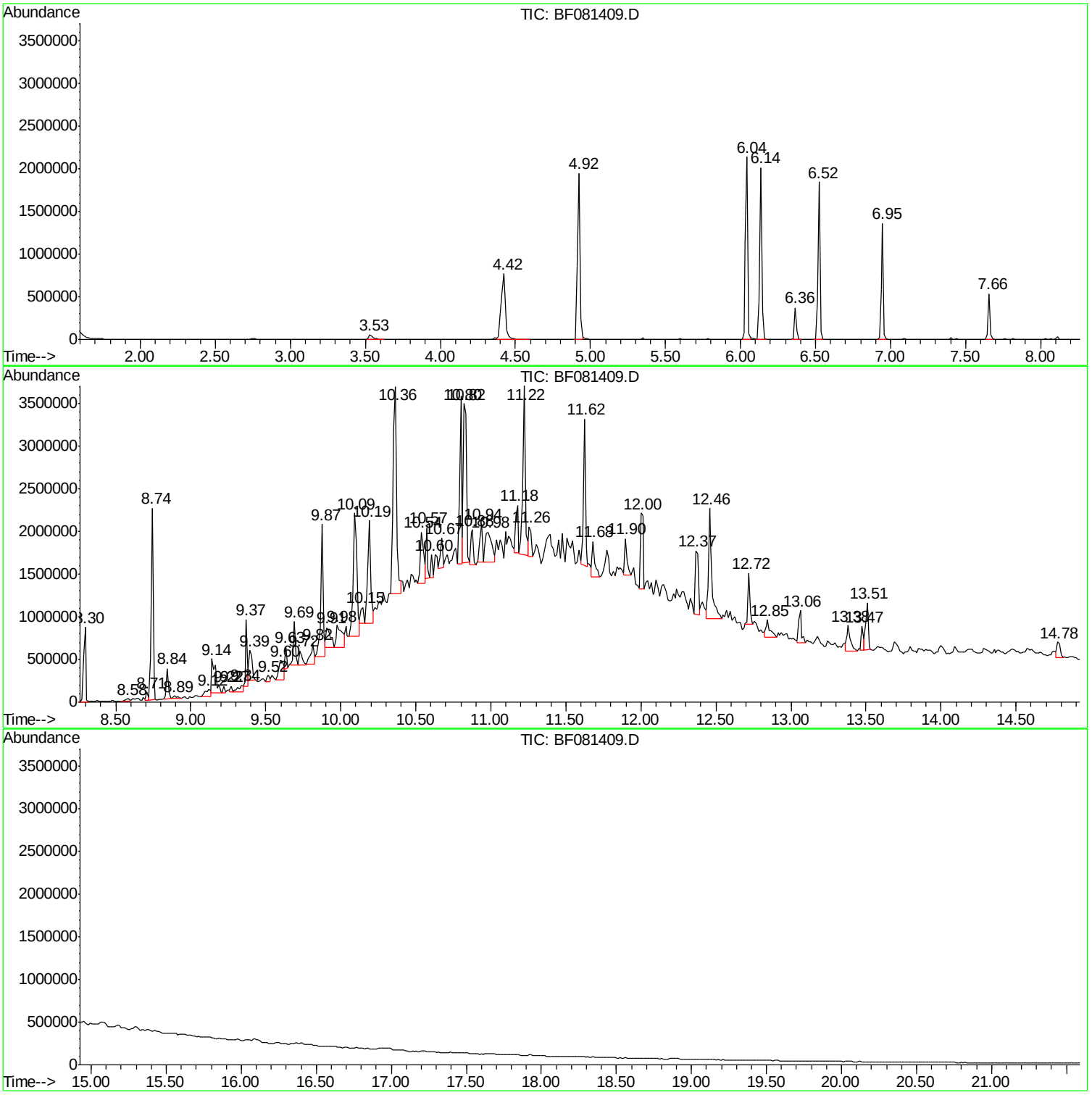
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081409.D
Acq On : 4 Sep 2015 8:24
Operator : UM/IZ
Sample : G3481-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-23(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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\BF090315\
Data File : BF081409.D
Acq On : 4 Sep 2015 8:24
Operator : UM/IZ
Sample : G3481-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-23(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

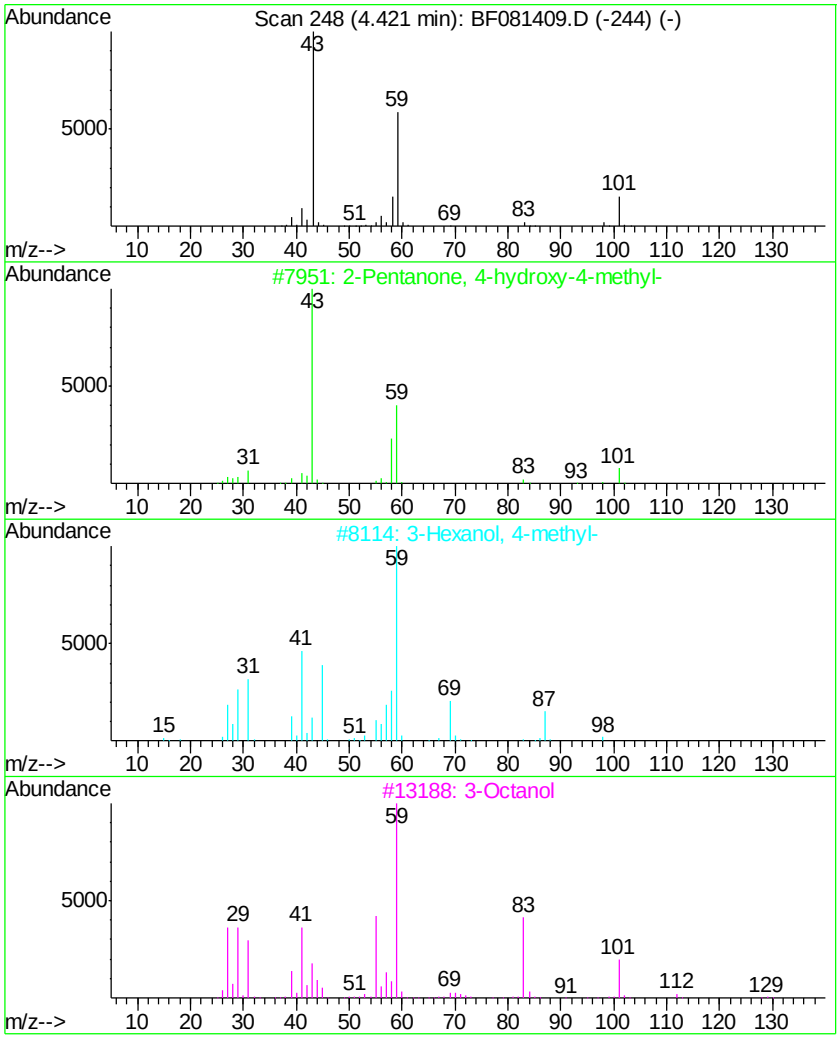
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

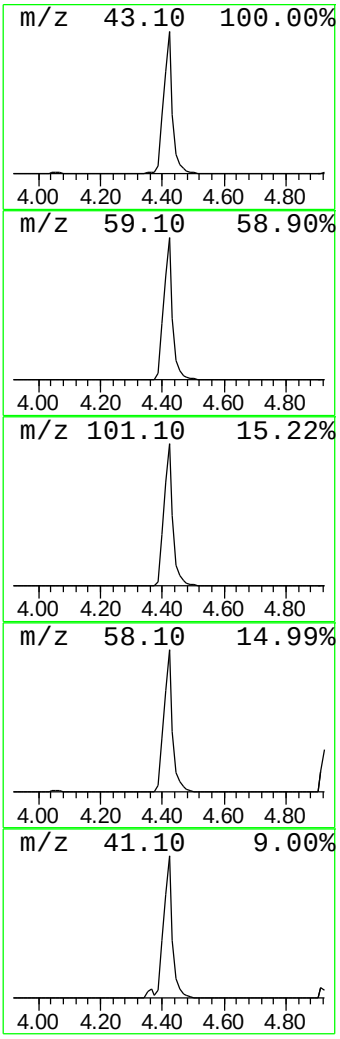
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.42	91.17 ng	1501020	1,4-Dichlorobenzene-d4	6.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	3-Octanol	130	C8H18O	000589-98-0	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081409.D
Acq On : 4 Sep 2015 8:24
Operator : UM/IZ
Sample : G3481-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-23(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

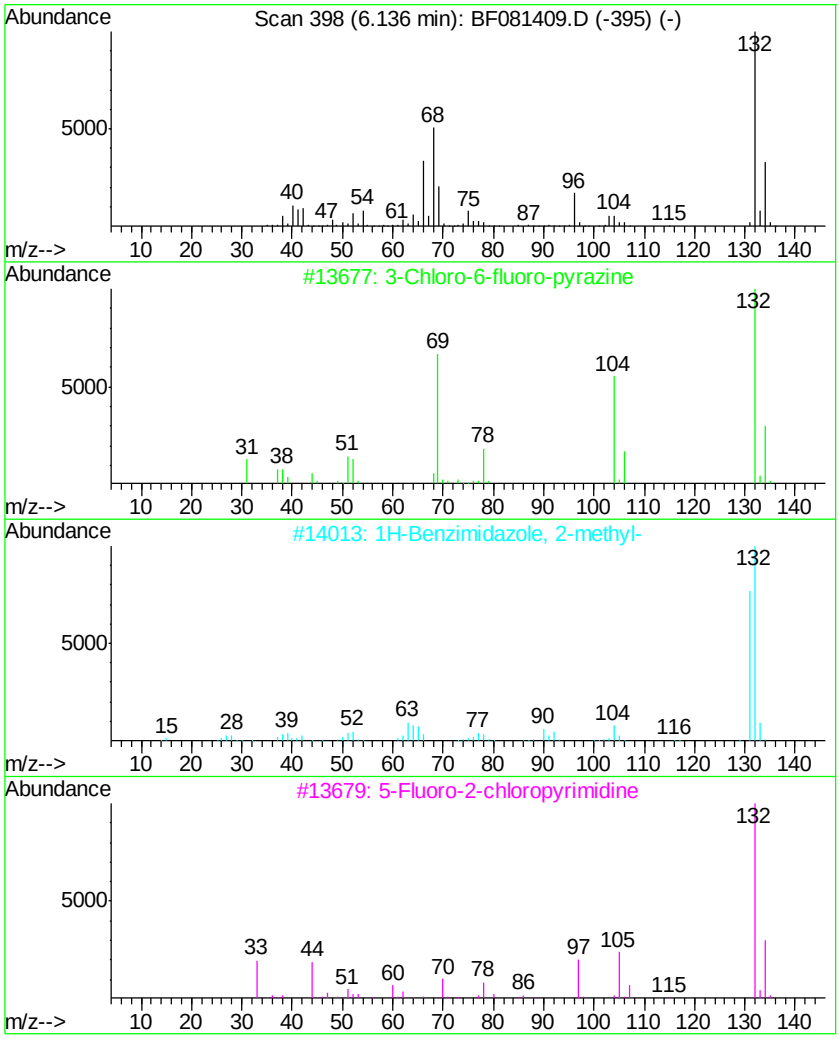
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

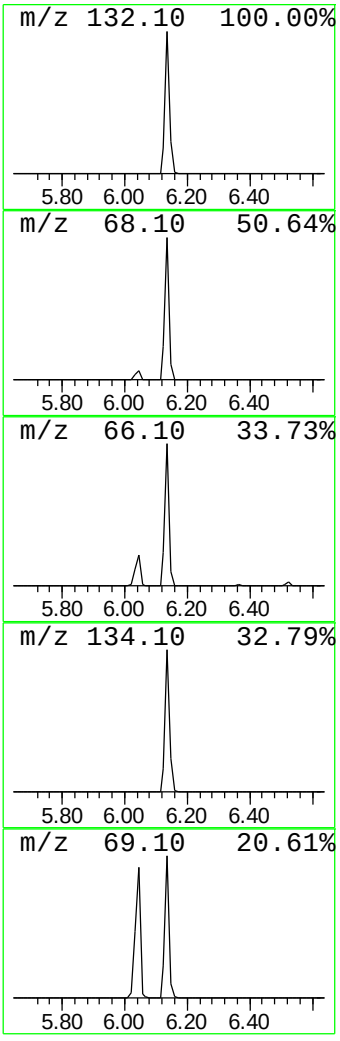
****

Peak Number 2 unknown6.14 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	115.18 ng	1896290	1,4-Dichlorobenzene-d4	6.36

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	25
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081409.D
Acq On : 4 Sep 2015 8:24
Operator : UM/IZ
Sample : G3481-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-23(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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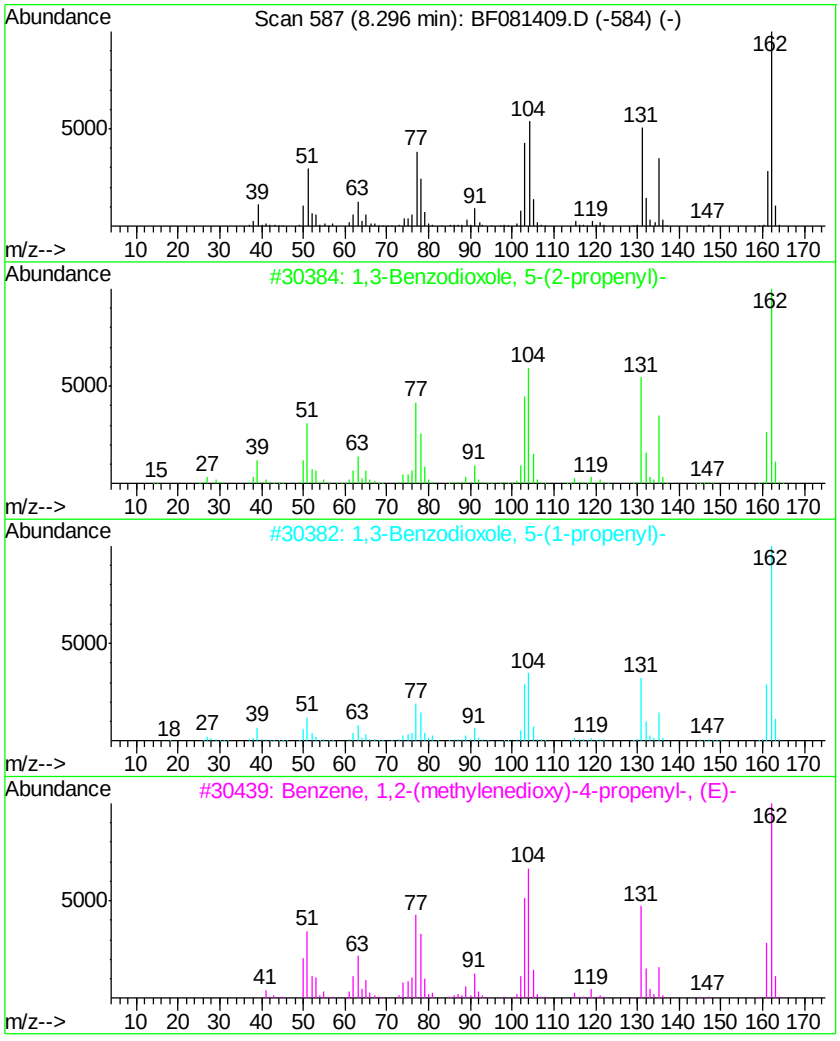
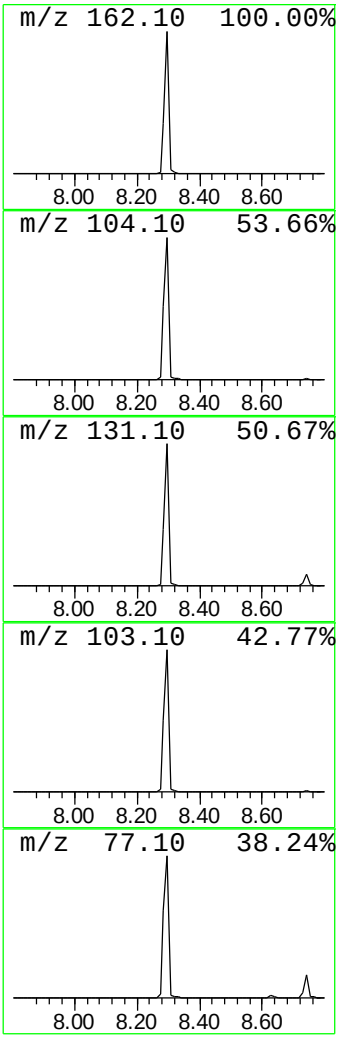
Peak Number 4 1,3-Benzodioxole, 5-(2-prop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	45.71 ng	1012860	Naphthalene-d8	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzodioxole, 5-(2-propenyl)-	162	C10H10O2	000094-59-7	98
2	1,3-Benzodioxole, 5-(1-propenyl)-	162	C10H10O2	000120-58-1	97
3	Benzene, 1,2-(methylenedioxy)-4-...	162	C10H10O2	004043-71-4	94
4	1,3-Benzodioxole, 5-(1-propenyl)...	162	C10H10O2	017627-76-8	94
5	Sydnone, 3-phenyl-	162	C8H6N2O2	000120-06-9	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081409.D
Acq On : 4 Sep 2015 8:24
Operator : UM/IZ
Sample : G3481-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-23(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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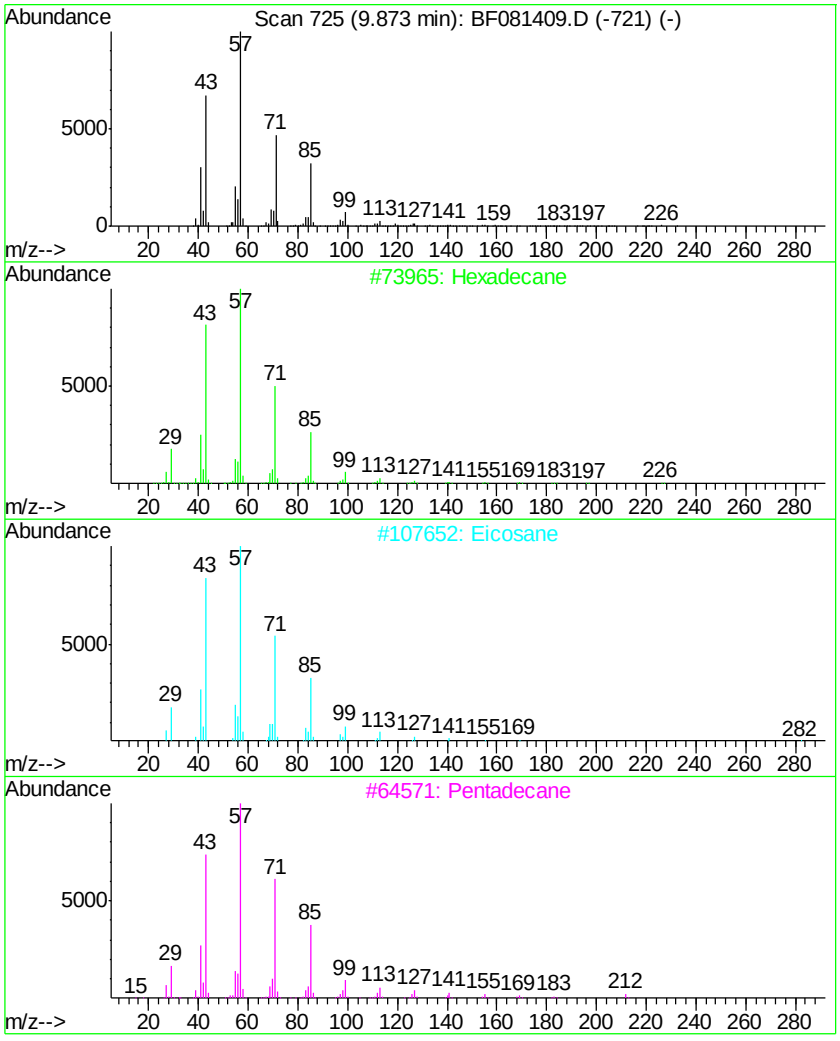
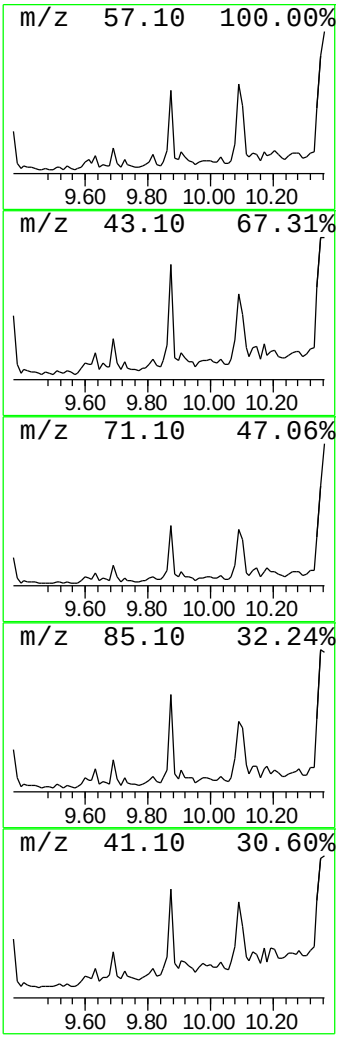
Peak Number 5 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	73.80 ng	1735260	Acenaphthene-d10	9.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Eicosane	282	C20H42	000112-95-8	87
3	Pentadecane	212	C15H32	000629-62-9	86
4	Tetradecane	198	C14H30	000629-59-4	80
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	78





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Acq On : 4 Sep 2015 8:24
Operator : UM/IZ
Sample : G3481-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-23(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

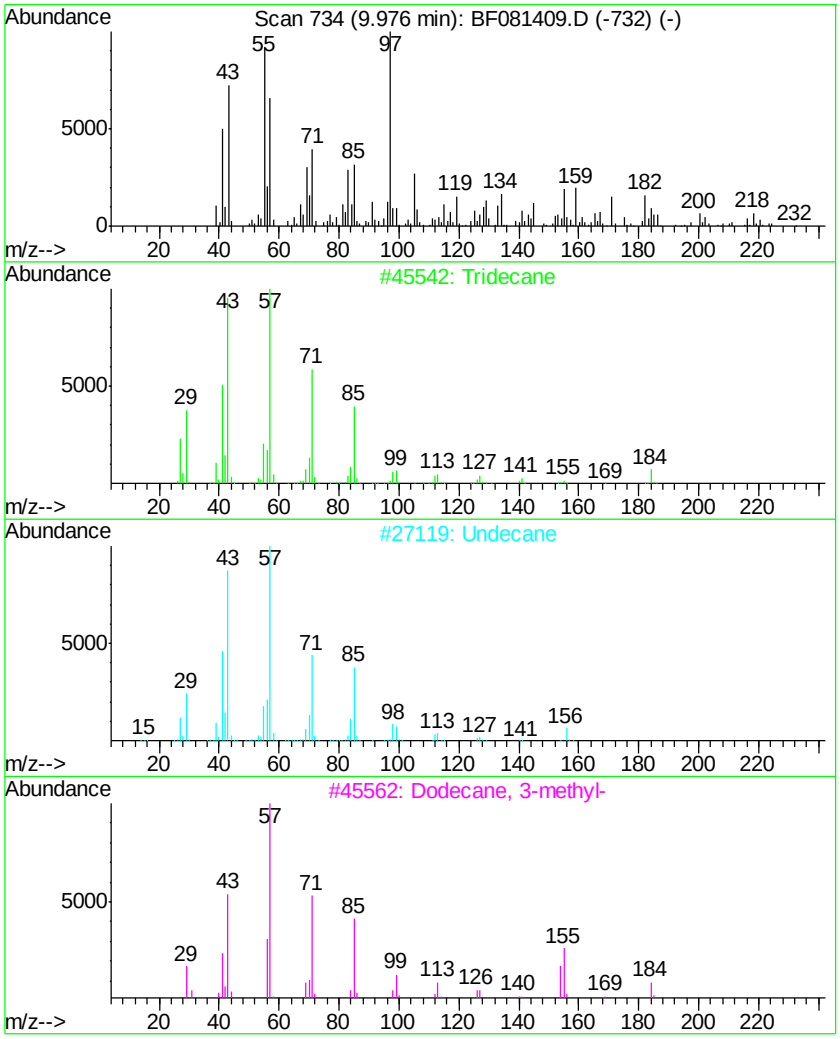
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

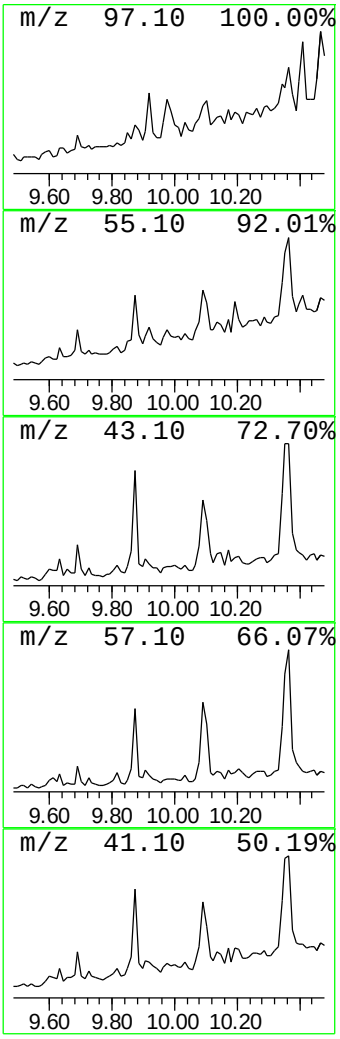
****

Peak Number 6 Tridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	30.63 ng	720192	Acenaphthene-d10	9.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	64
2	Undecane	156	C11H24	001120-21-4	56
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	42
4	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	30
5	2-Thiopheneacetic acid, propyl e...	184	C9H12O2S	153850-63-6	30





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Operator : UM/IZ
Sample : G3481-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-23(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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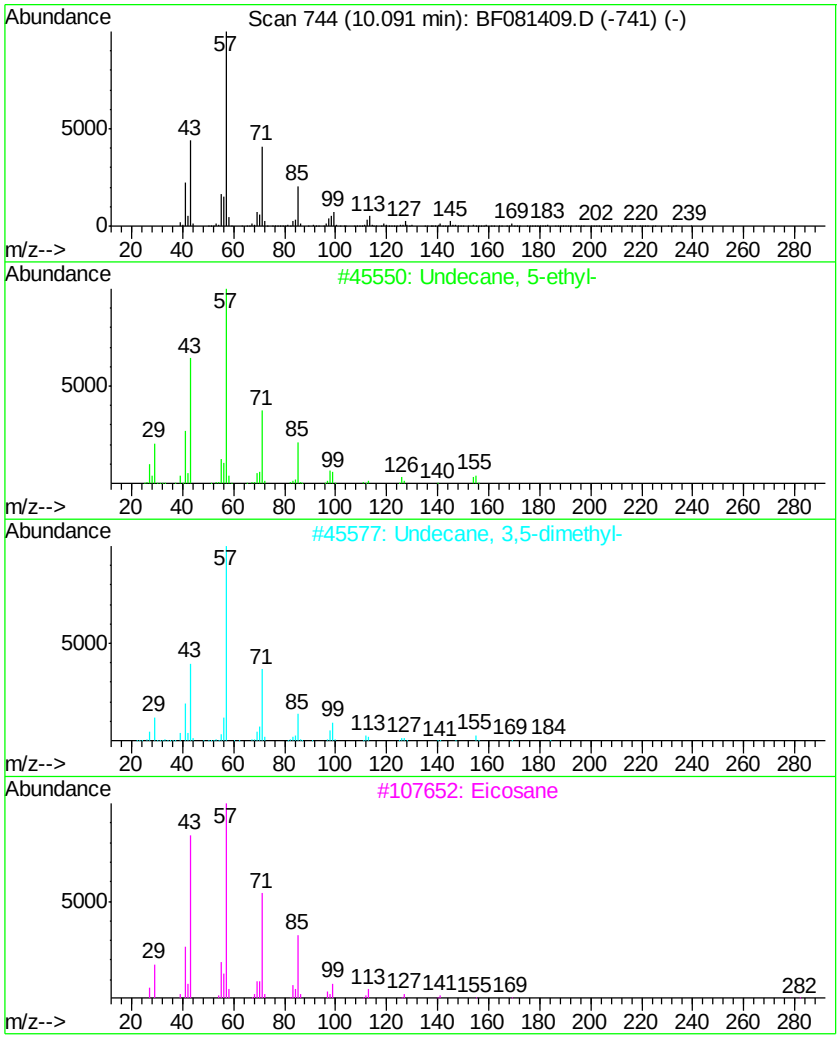
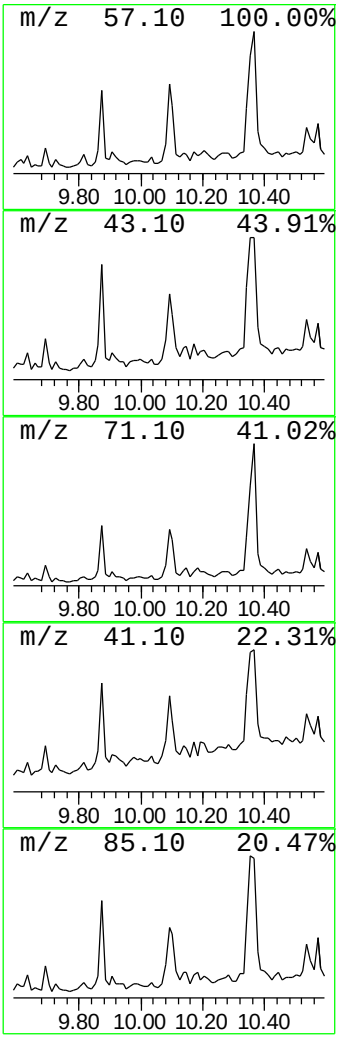
Peak Number 7 Undecane, 5-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	102.80 ng	2417240	Acenaphthene-d10	9.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
3	Eicosane	282	C20H42	000112-95-8	72
4	Tetradecane	198	C14H30	000629-59-4	59
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081409.D
Acq On : 4 Sep 2015 8:24
Operator : UM/IZ
Sample : G3481-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-23(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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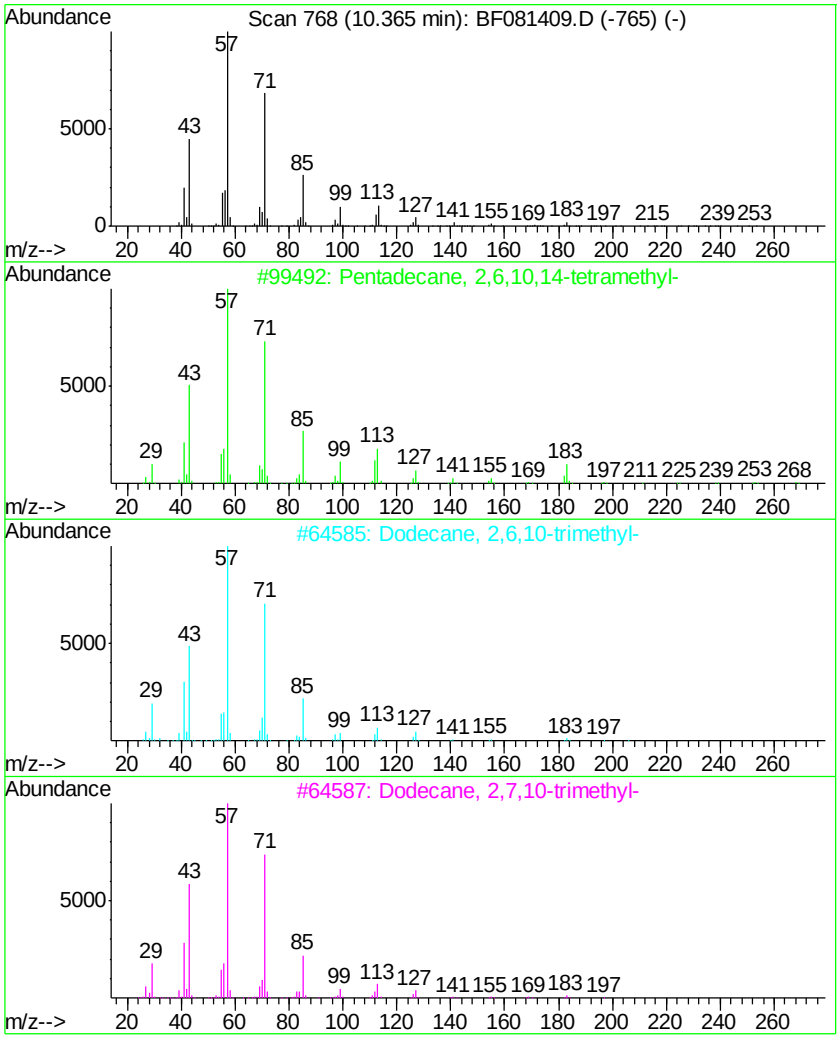
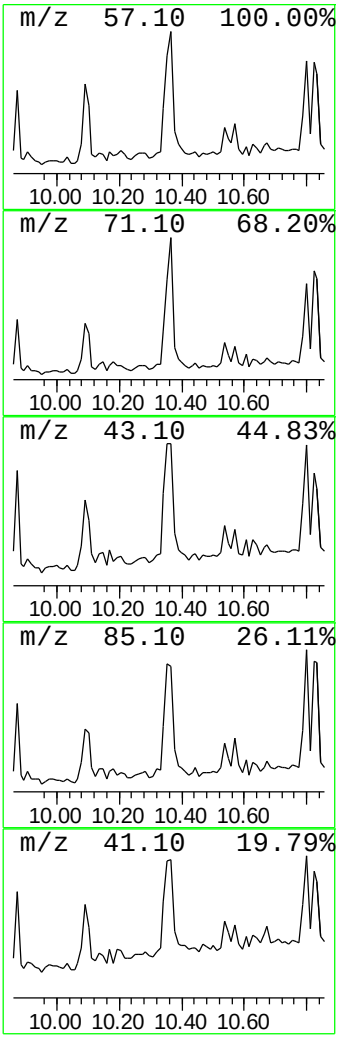
Peak Number 8 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	148.17 ng	4135680	Phenanthrene-d10	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081409.D
Acq On : 4 Sep 2015 8:24
Operator : UM/IZ
Sample : G3481-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-23(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

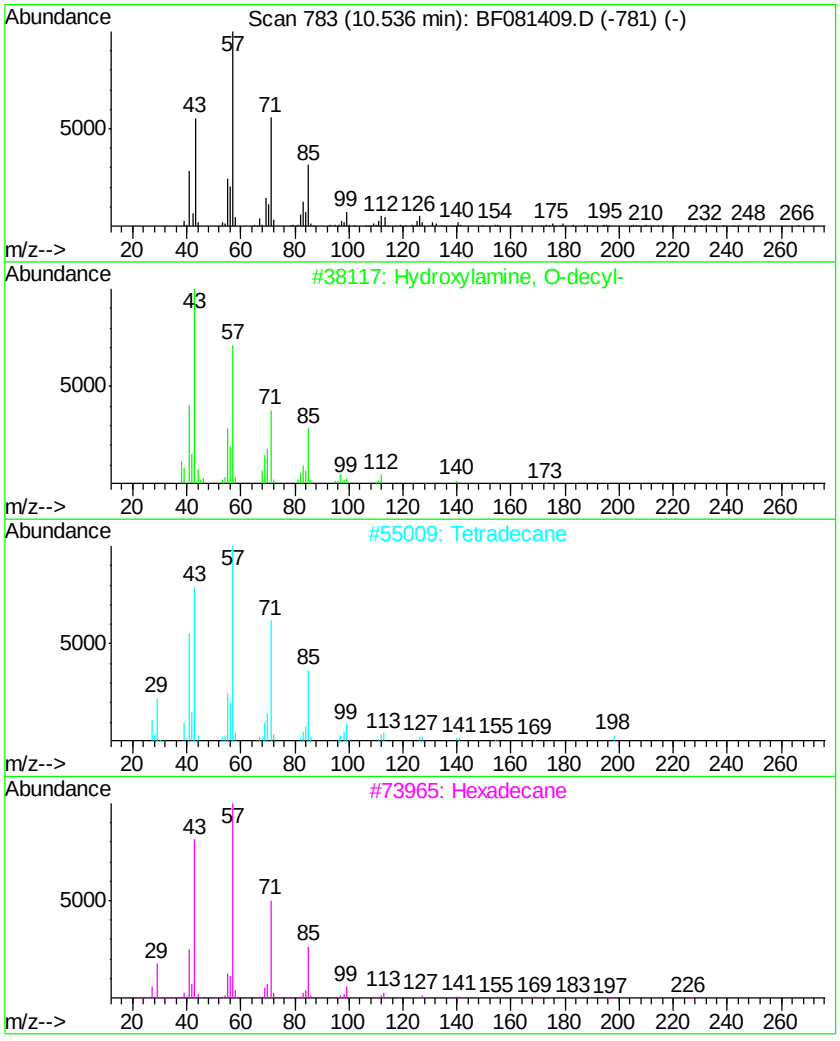
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

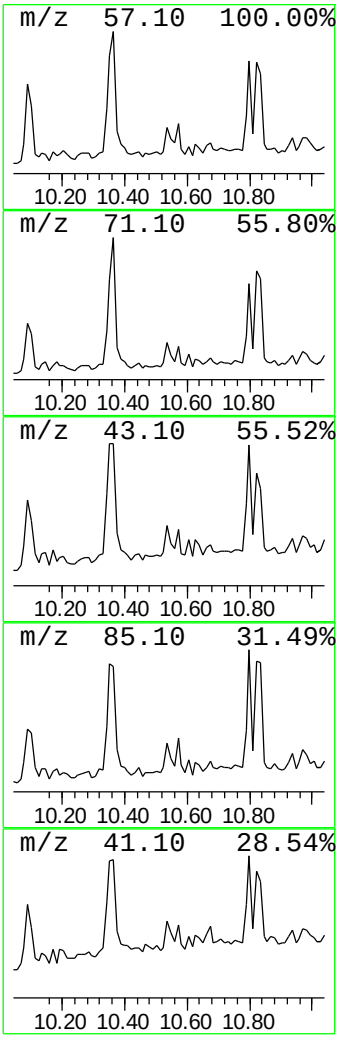
****

Peak Number 9 Hydroxylamine, O-decyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	32.66 ng	911762	Phenanthrene-d10	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	80
2	Tetradecane	198	C14H30	000629-59-4	80
3	Hexadecane	226	C16H34	000544-76-3	76
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	74
5	Tridecane	184	C13H28	000629-50-5	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081409.D
Acq On : 4 Sep 2015 8:24
Operator : UM/IZ
Sample : G3481-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-23(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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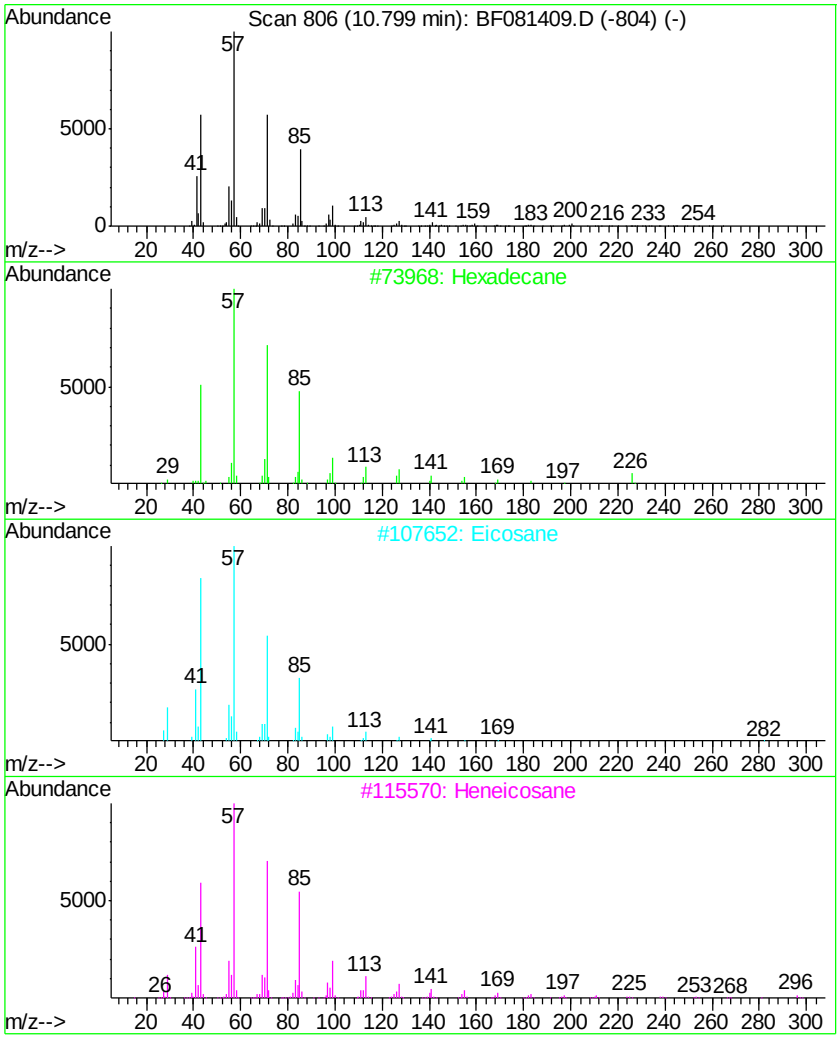
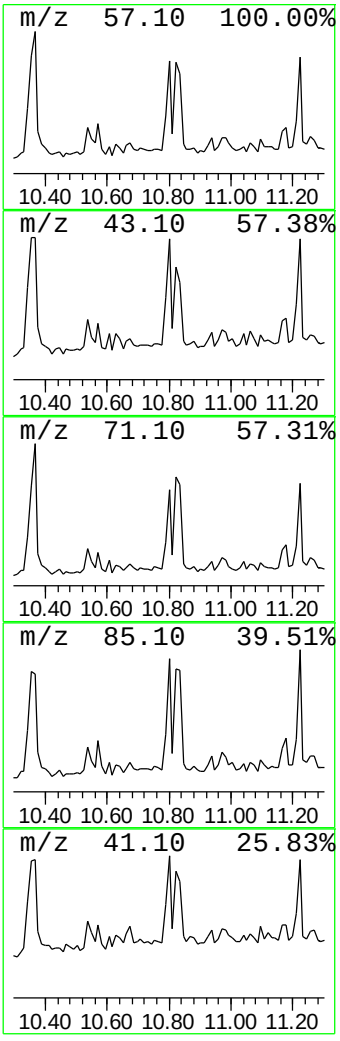
Peak Number 10 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	74.76 ng	2086840	Phenanthrene-d10	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Eicosane	282	C20H42	000112-95-8	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
5	Tetracosane	338	C24H50	000646-31-1	90





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Operator : UM/IZ
Sample : G3481-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-23(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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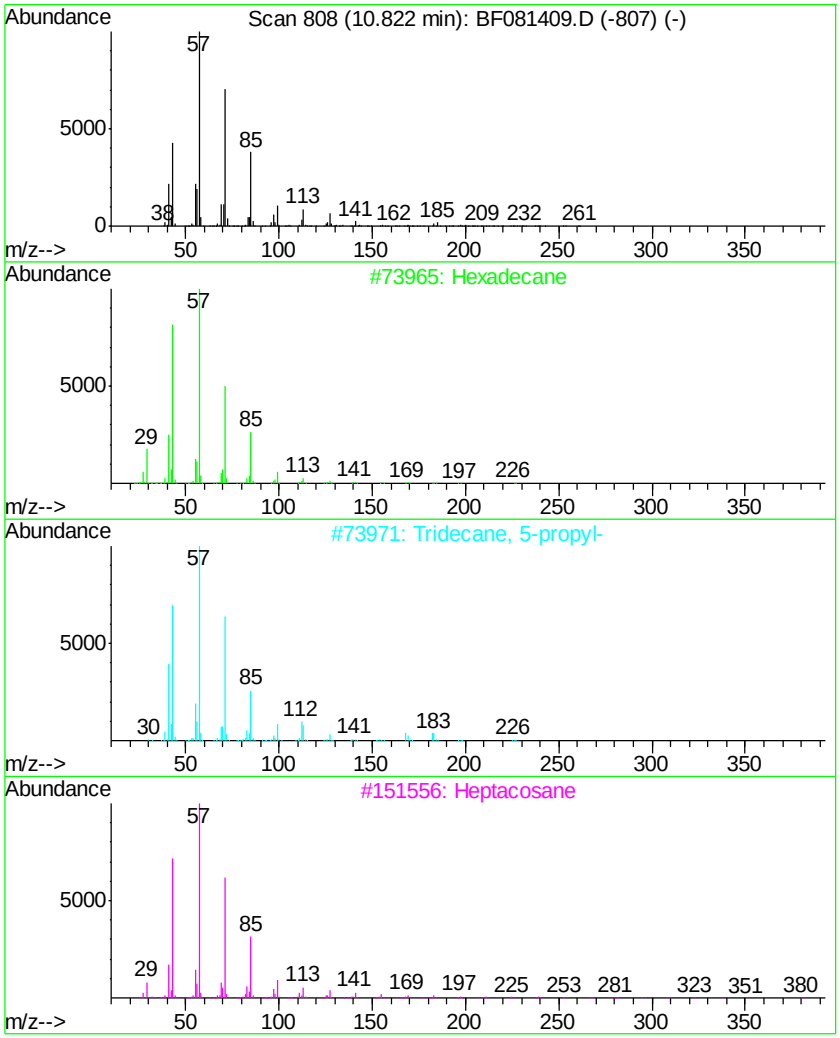
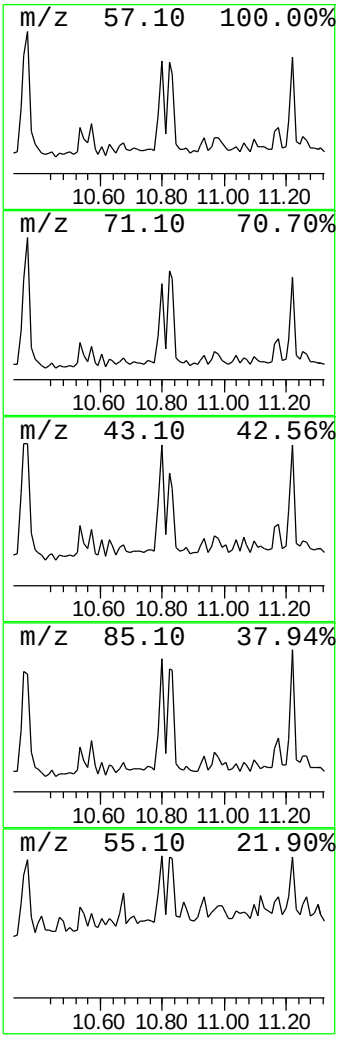
Peak Number 11 Tridecane, 5-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	90.29 ng	2520370	Phenanthrene-d10	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	91
3	Heptacosane	380	C27H56	000593-49-7	90
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86





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Data File : BF081409.D
Acq On : 4 Sep 2015 8:24
Operator : UM/IZ
Sample : G3481-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-23(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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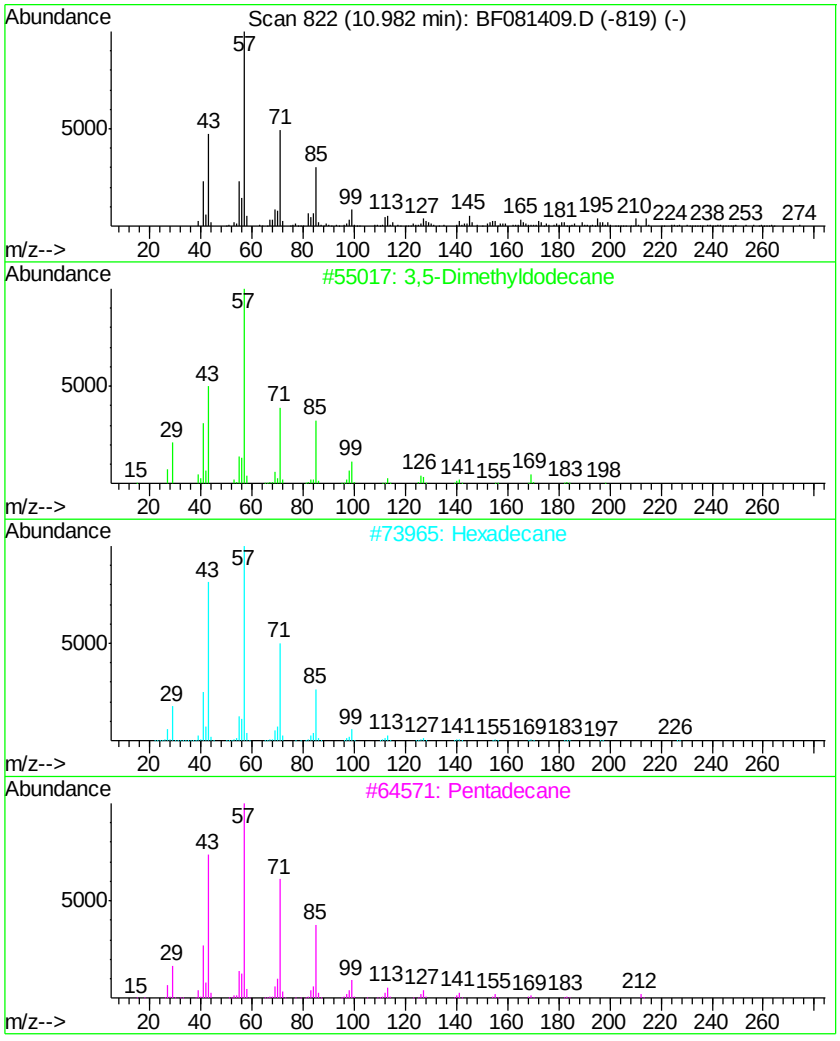
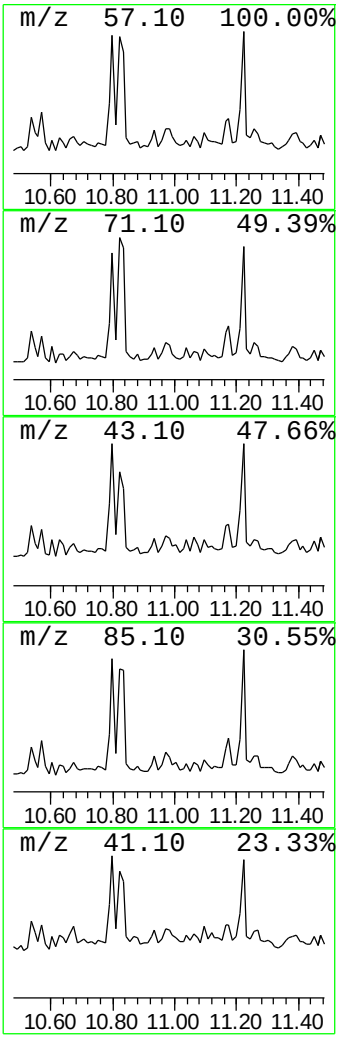
Peak Number 12 3,5-Dimethyldodecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	36.96 ng	1031710	Phenanthrene-d10	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane	198	C14H30	107770-99-0	68
2	Hexadecane	226	C16H34	000544-76-3	64
3	Pentadecane	212	C15H32	000629-62-9	64
4	Heptacosane	380	C27H56	000593-49-7	64
5	Nonadecane	268	C19H40	000629-92-5	52





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Data File : BF081409.D
Acq On : 4 Sep 2015 8:24
Operator : UM/IZ
Sample : G3481-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-23(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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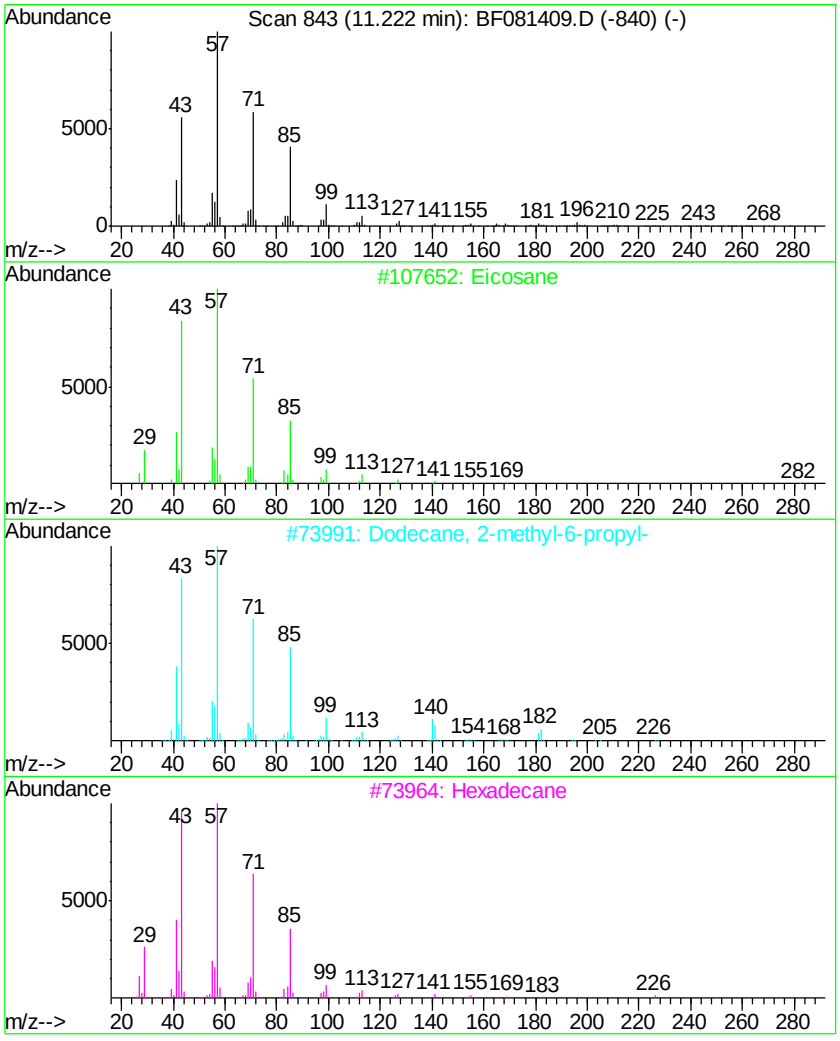
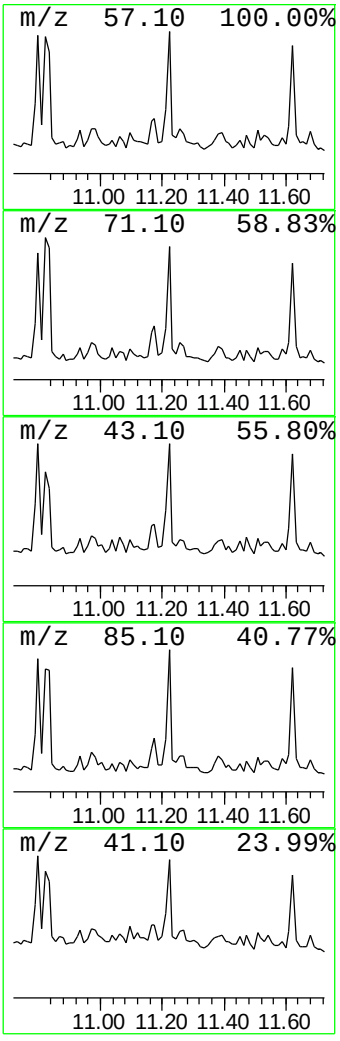
Peak Number 13 unknown11.22 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	78.04 ng	2178290	Phenanthrene-d10	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081409.D
Acq On : 4 Sep 2015 8:24
Operator : UM/IZ
Sample : G3481-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-23(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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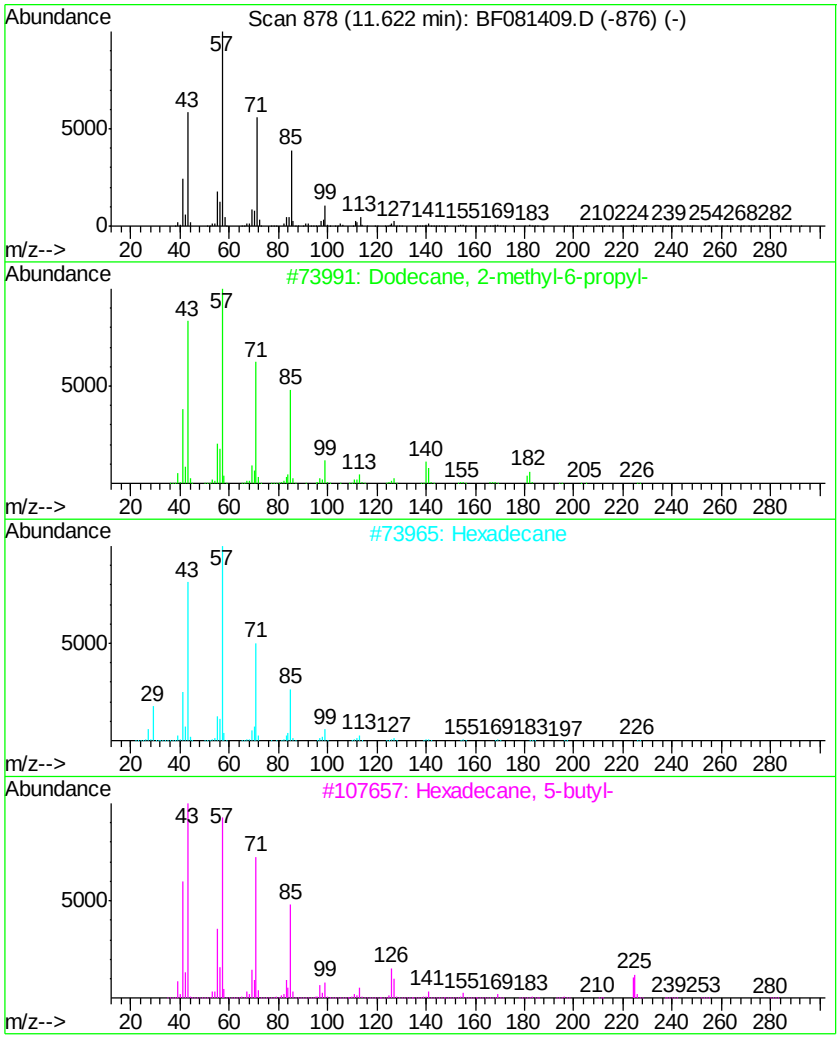
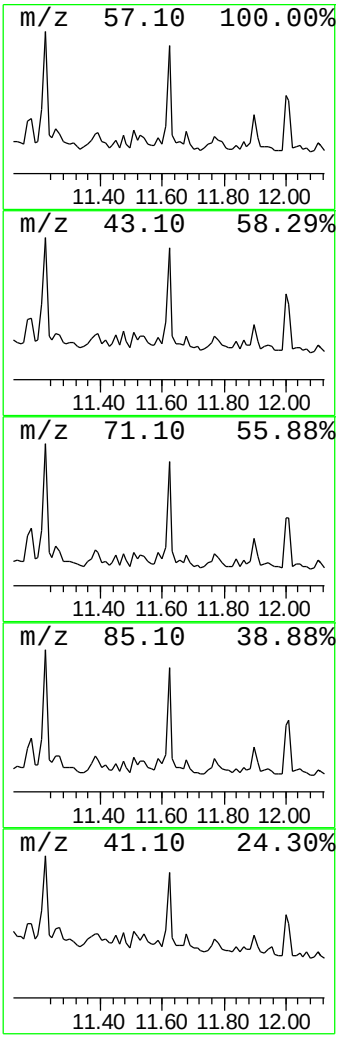
Peak Number 14 Dodecane, 2-methyl-6-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	55.87 ng	1559580	Phenanthrene-d10	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	90
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83





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Operator : UM/IZ
Sample : G3481-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-23(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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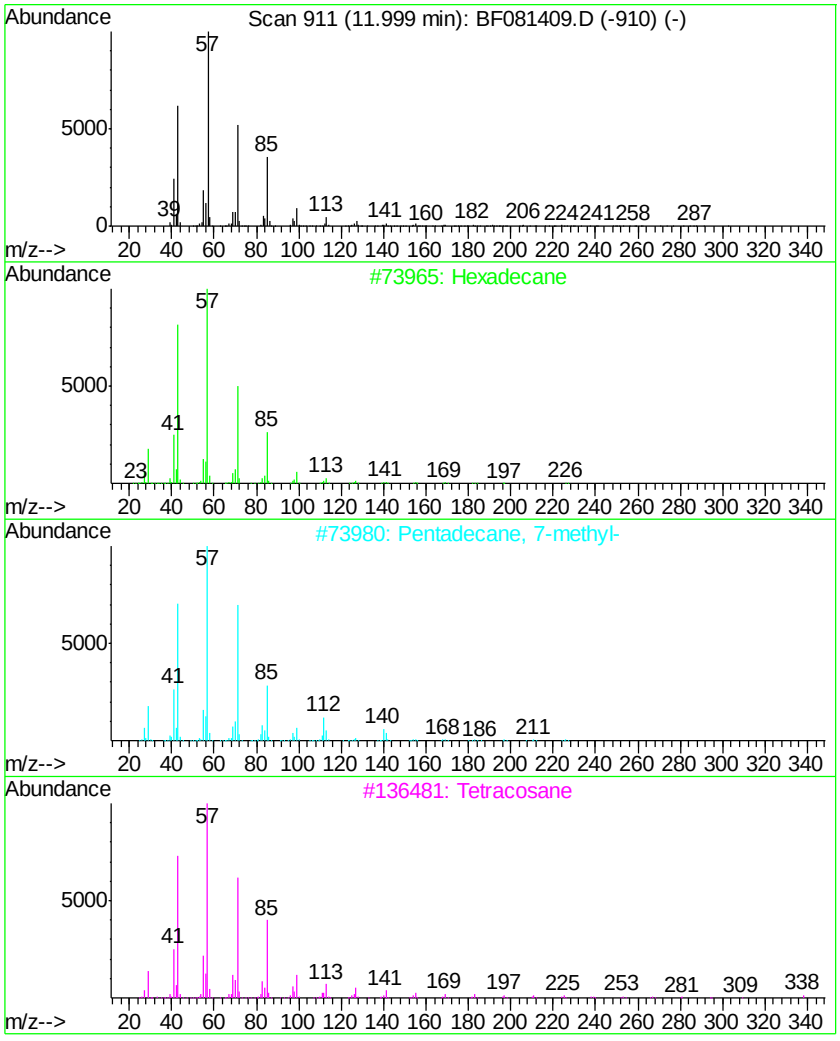
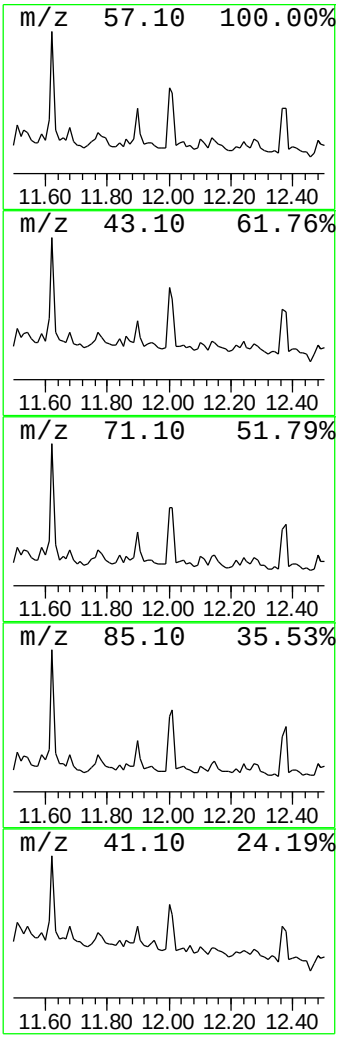
Peak Number 15 unknown12.00 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	42.88 ng	1196890	Phenanthrene-d10	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
3	Tetracosane	338	C24H50	000646-31-1	72
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	64
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64





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Acq On : 4 Sep 2015 8:24
Operator : UM/IZ
Sample : G3481-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-23(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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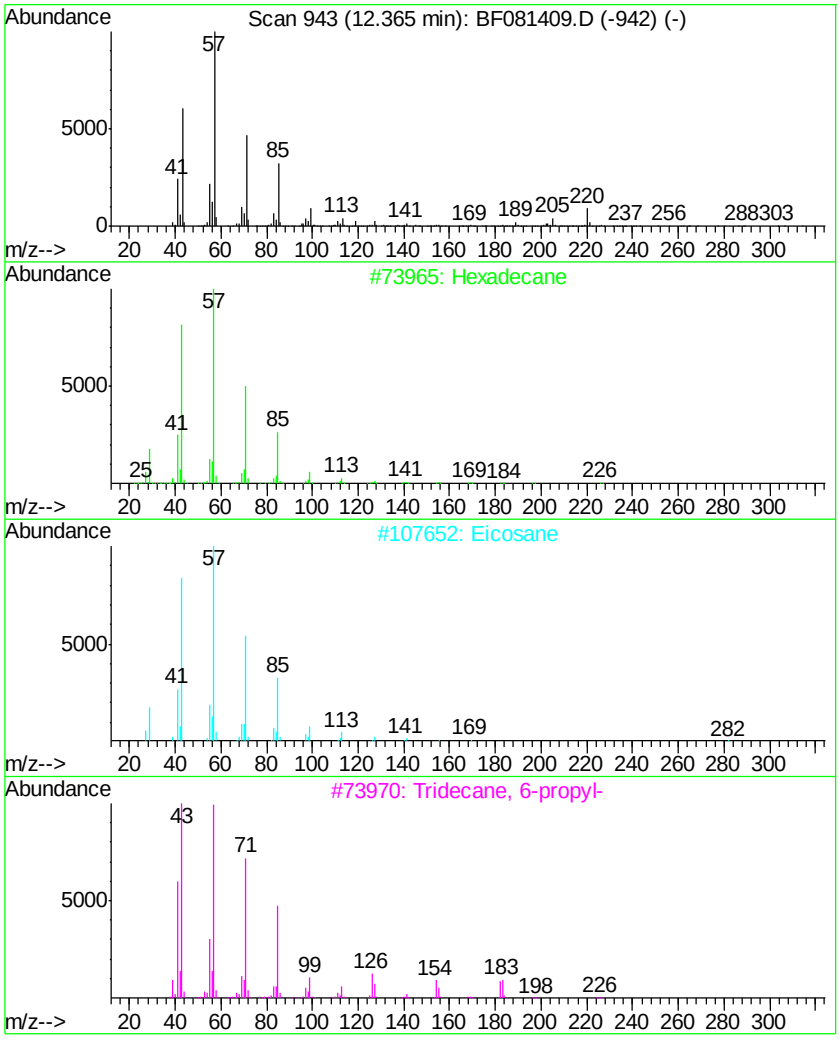
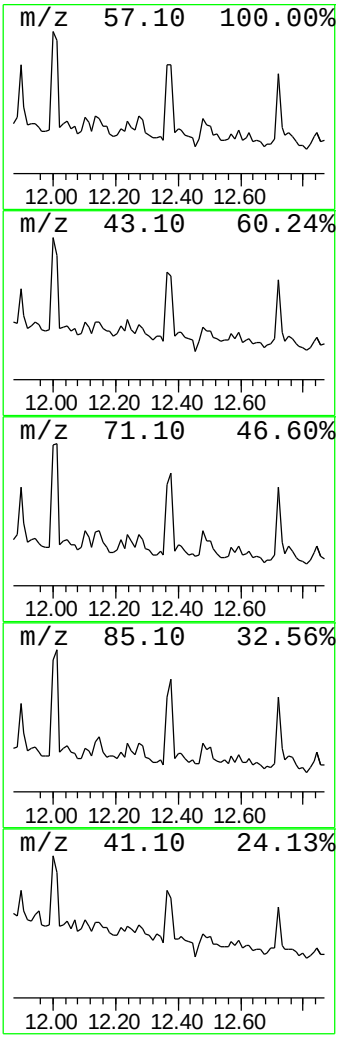
Peak Number 16 unknown12.37 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	75.74 ng	1041090	Chrysene-d12	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Eicosane	282	C20H42	000112-95-8	90
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	81
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Pentacosane	352	C25H52	000629-99-2	78





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Sample : G3481-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-23(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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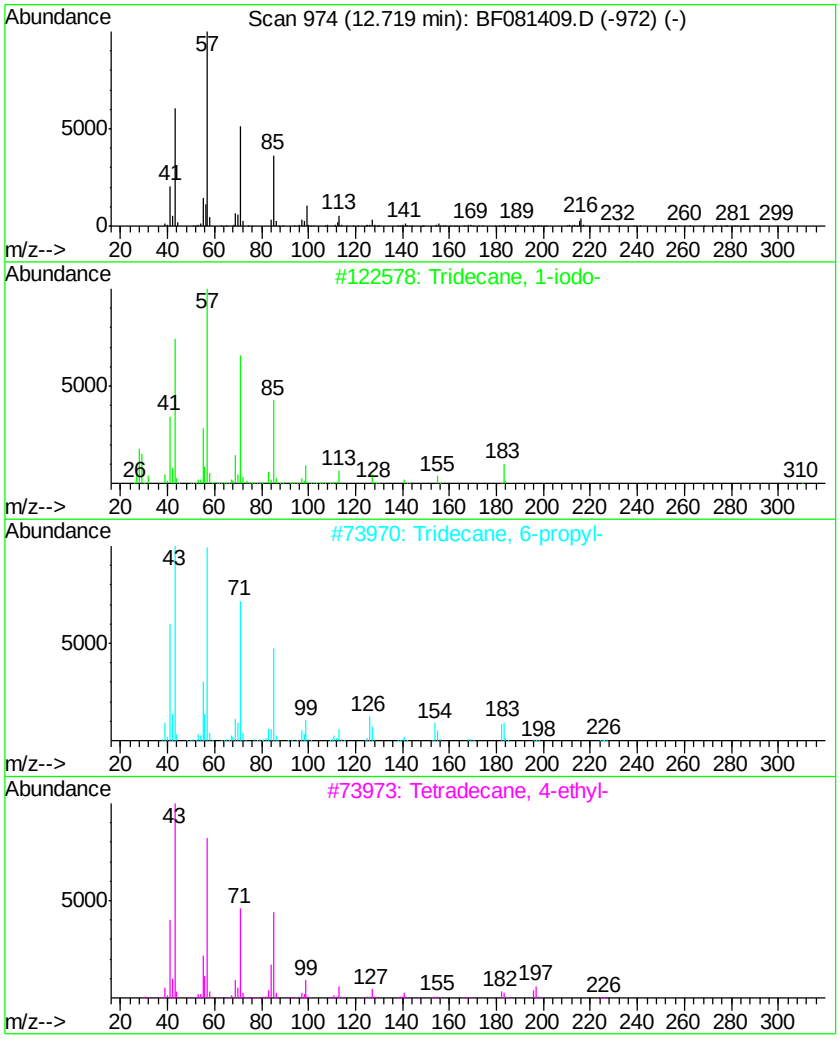
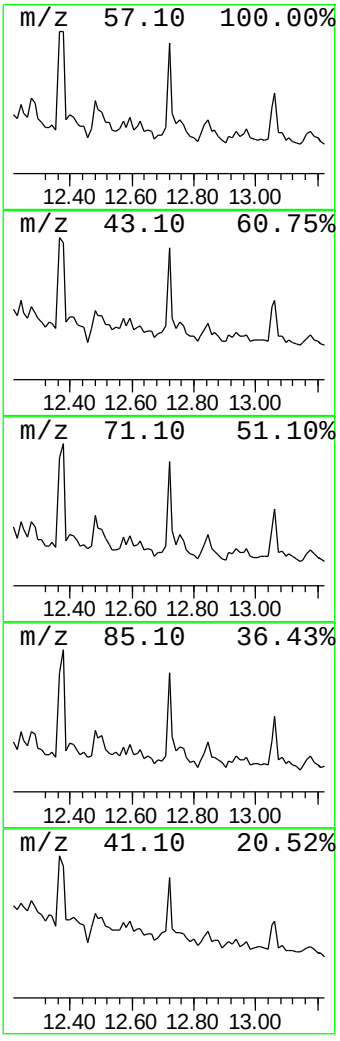
Peak Number 17 Tridecane, 1-iodo- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	37.06 ng	509411	Chrysene-d12	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	76
3	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	74
4	Heptacosane	380	C27H56	000593-49-7	72
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	70





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Sample : G3481-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-23(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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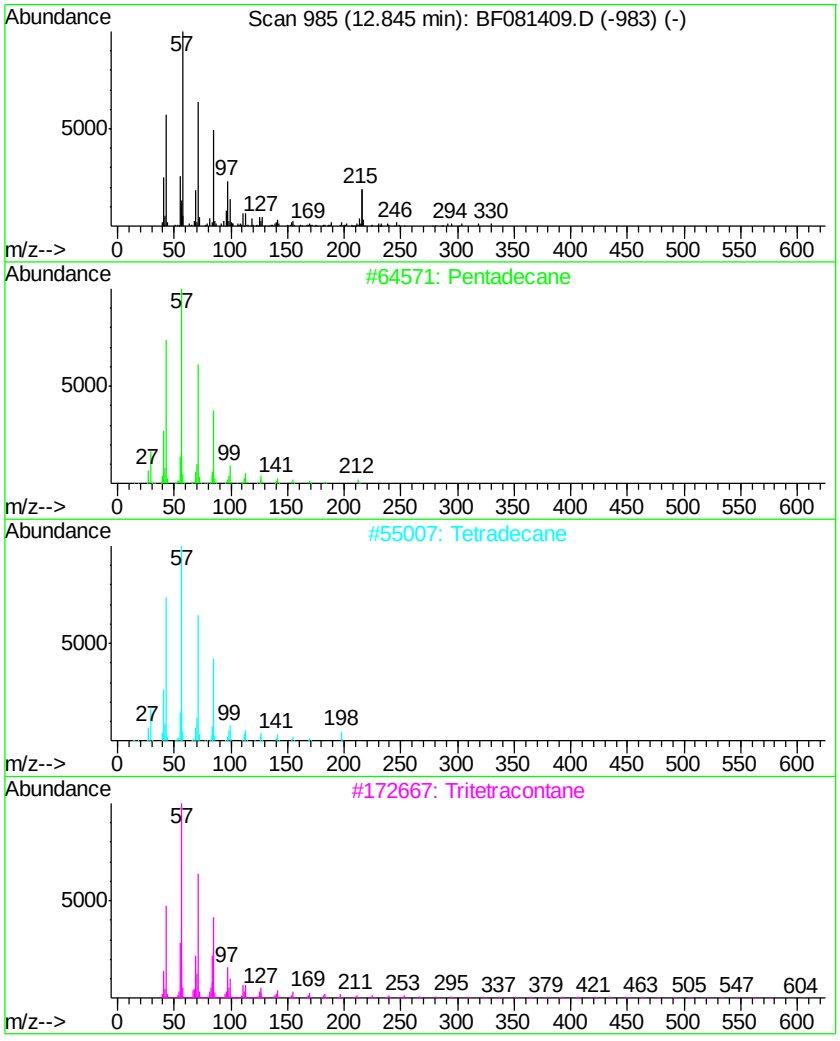
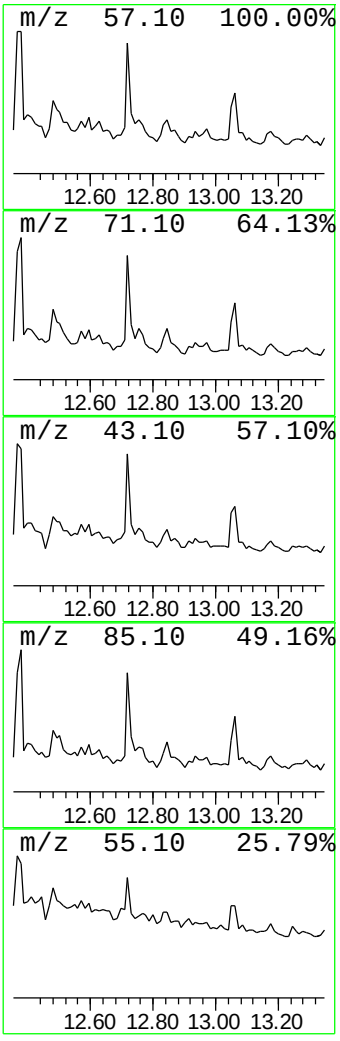
Peak Number 18 Pentadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	27.67 ng	380273	Chrysene-d12	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	83
2	Tetradecane	198	C14H30	000629-59-4	64
3	Tritetracontane	605	C43H88	007098-21-7	53
4	Eicosane	282	C20H42	000112-95-8	52
5	Nonadecane	268	C19H40	000629-92-5	50





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Data File : BF081409.D
Acq On : 4 Sep 2015 8:24
Operator : UM/IZ
Sample : G3481-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-23(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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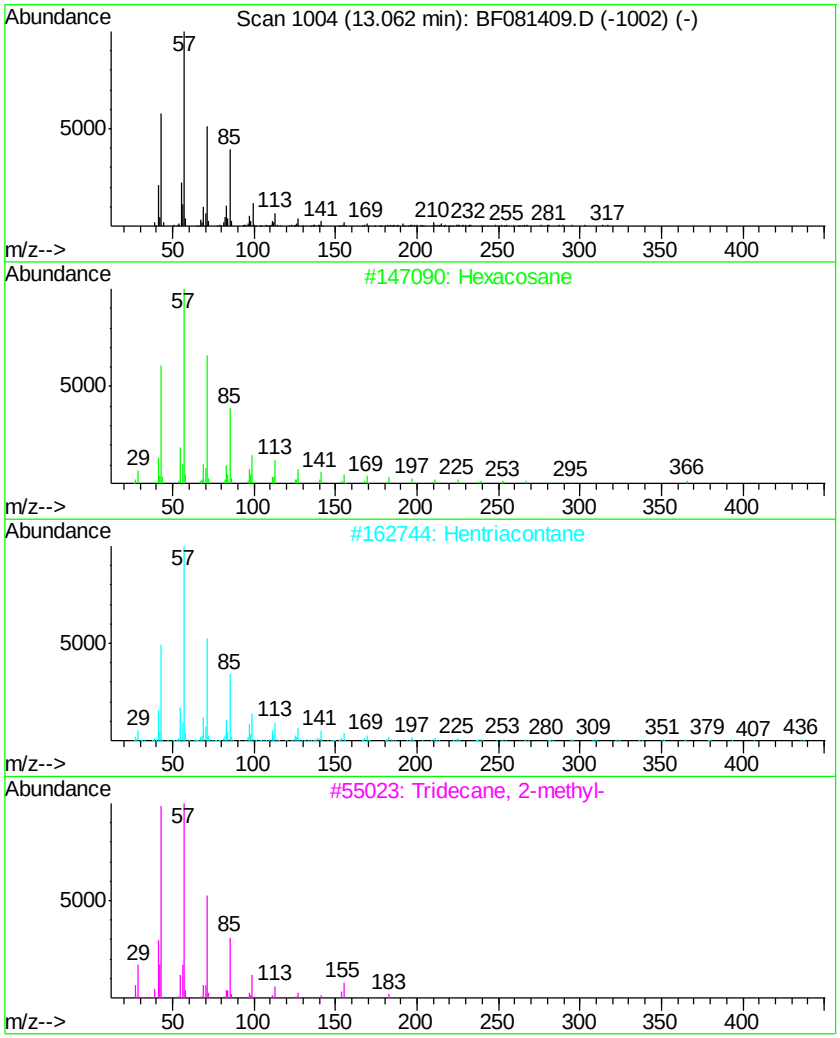
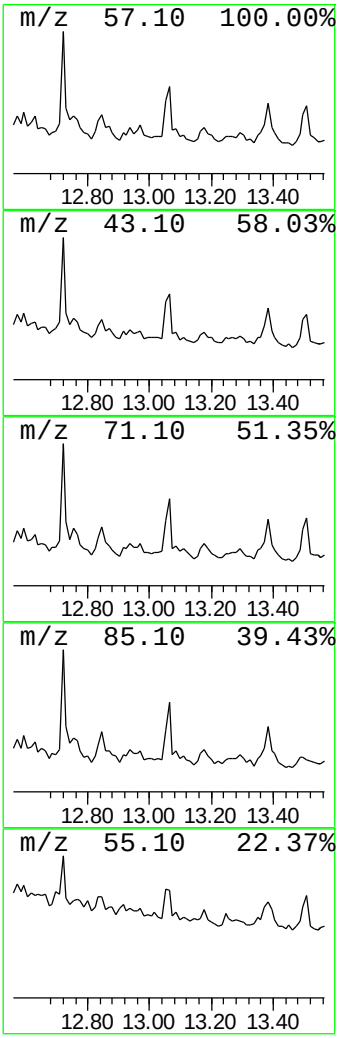
Peak Number 19 Hexacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	37.96 ng	521752	Chrysene-d12	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Hentriacontane	437	C31H64	000630-04-6	83
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	83
4	Pentacosane	352	C25H52	000629-99-2	80
5	Eicosane	282	C20H42	000112-95-8	80





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Acq On : 4 Sep 2015 8:24
Operator : UM/IZ
Sample : G3481-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-23(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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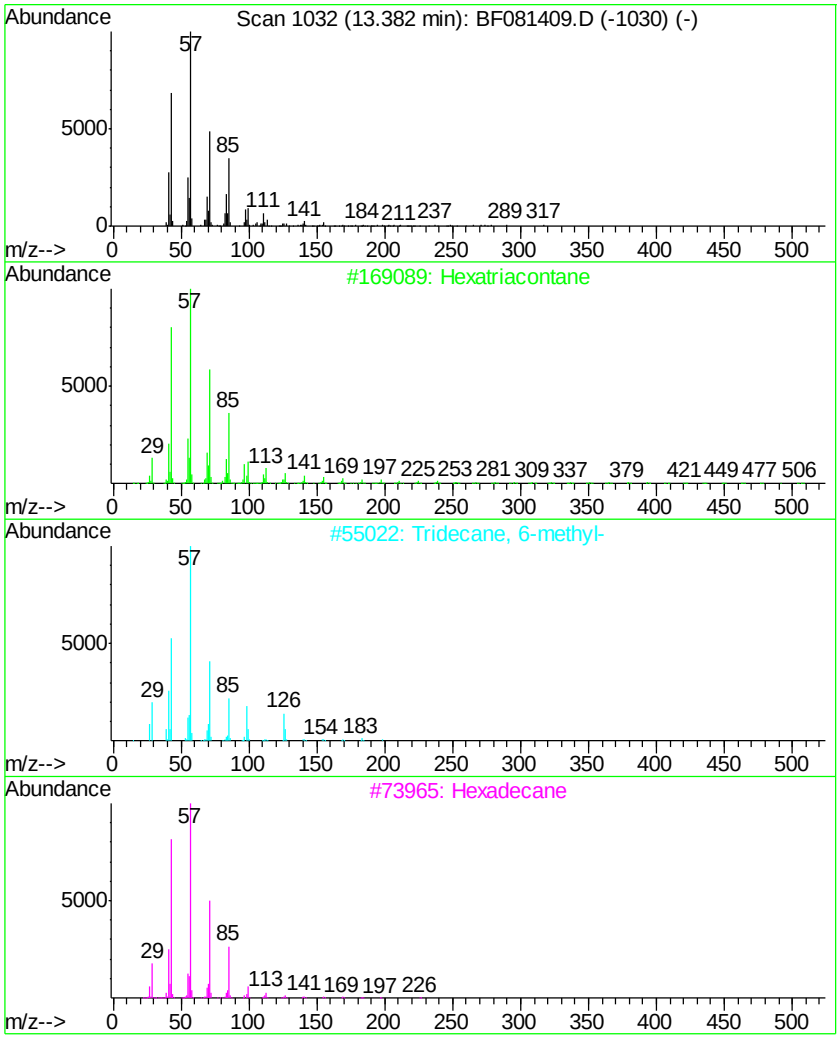
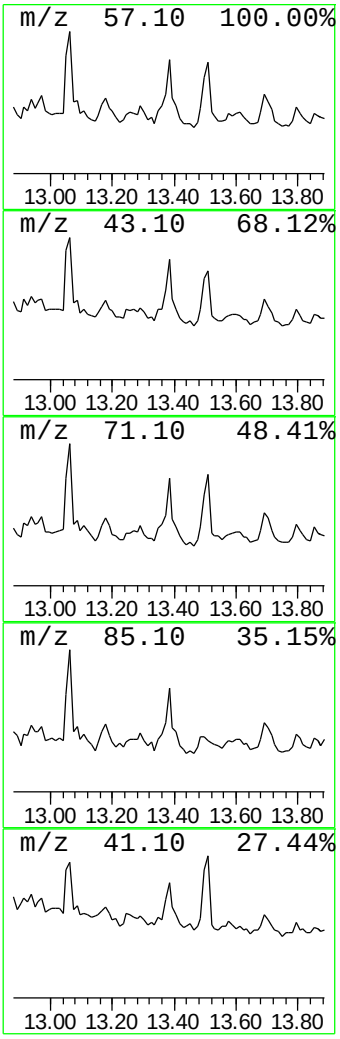
Peak Number 20 Hexatriacontane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	37.85 ng	520304	Chrysene-d12	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	90
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
3	Hexadecane	226	C16H34	000544-76-3	72
4	Tridecane	184	C13H28	000629-50-5	64
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090315\
Data File : BF081409.D
Acq On : 4 Sep 2015 8:24
Operator : UM/IZ
Sample : G3481-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-23(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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...	4.42	91.2	ng	1501020	1	6.36	329287	20.0
unknown6.14	6.14	115.2	ng	1896290	1	6.36	329287	20.0
1,3-Benzodioxole,...	8.30	45.7	ng	1012860	2	7.66	443159	20.0
Hexadecane	9.87	73.8	ng	1735260	3	9.39	470281	20.0
Tridecane	9.98	30.6	ng	720192	3	9.39	470281	20.0
Undecane, 5-ethyl-	10.09	102.8	ng	2417240	3	9.39	470281	20.0
Pentadecane, 2,6,...	10.36	148.2	ng	4135680	4	10.88	558253	20.0
Hydroxylamine, O-...	10.54	32.7	ng	911762	4	10.88	558253	20.0
Eicosane	10.80	74.8	ng	2086840	4	10.88	558253	20.0
Tridecane, 5-propyl-	10.82	90.3	ng	2520370	4	10.88	558253	20.0
3,5-Dimethyldodecane	10.98	37.0	ng	1031710	4	10.88	558253	20.0
unknown11.22	11.22	78.0	ng	2178290	4	10.88	558253	20.0
Dodecane, 2-methy...	11.62	55.9	ng	1559580	4	10.88	558253	20.0
unknown12.00	12.00	42.9	ng	1196890	4	10.88	558253	20.0
unknown12.37	12.37	75.7	ng	1041090	5	13.47	274913	20.0
Tridecane, 1-iodo-	12.72	37.1	ng	509411	5	13.47	274913	20.0
Pentadecane	12.85	27.7	ng	380273	5	13.47	274913	20.0
Hexacosane	13.06	38.0	ng	521752	5	13.47	274913	20.0
Hexatriacontane	13.38	37.9	ng	520304	5	13.47	274913	20.0