LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084374.D
Acq On : 11 Jan 2016 12:38
Operator : SJ/UM
Sample : H1043-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4N(0-10)

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	5.047	256	259	268	rVB	1164986	1907596	25.86%	2.739%
2	5.470	293	296	298	rBV	6660207	6561373	88.93%	9.420%
3	6.499	383	386	389	rBV	4936568	7378012	100.00%	10.592%
4	6.624	394	397	400	rBV	5957172	6431198	87.17%	9.233%
5	6.853	415	417	419	rBV	2011780	1650873	22.38%	2.370%
6	7.013	428	431	433	rBV	5961293	5599237	75.89%	8.039%
7	7.425	464	467	469	rBV	4760776	5095083	69.06%	7.315%
8	7.539	475	477	482	rBV	161609	272623	3.70%	0.391%
9	8.145	527	530	532	rBV	1715419	2034179	27.57%	2.920%
10	8.568	565	567	569	rBV	100119	114653	1.55%	0.165%
11	9.162	618	619	621	rBV	149236	141644	1.92%	0.203%
12	9.219	621	624	626	rVV	7641930	6764294	91.68%	9.711%
13	9.299	628	631	633	rVV	113484	131080	1.78%	0.188%
14	9.619	656	659	661	rBV	2851544	2965726	40.20%	4.258%
15	9.756	670	671	673	rBV	68171	104767	1.42%	0.150%
16	9.802	673	675	676	rVV2	124268	119063	1.61%	0.171%
17	9.825	676	677	680	rVB	118071	163940	2.22%	0.235%
18	9.893	681	683	685	rVB	2542633	2200155	29.82%	3.159%
19	10.065	695	698	699	rBV3	40830	78886	1.07%	0.113%
20	10.156	704	706	707	rBV	88106	96614	1.31%	0.139%
21	10.305	717	719	720	rBV	140609	153217	2.08%	0.220%
22	10.328	720	721	723	rVV	409037	343592	4.66%	0.493%
23	10.362	723	724	729	rVB4	46229	83632	1.13%	0.120%
24	10.442	729	731	734	rBV4	39861	86373	1.17%	0.124%
25	10.545	738	740	743	rVB2	113265	203581	2.76%	0.292%
26	10.682	749	752	755	rBV	3997467	4315968	58.50%	6.196%
27	10.819	759	764	766	rVV2	467230	1041596	14.12%	1.495%
28	11.253	800	802	803	rBV	278159	260819	3.54%	0.374%
29	11.276	803	804	807	rVB	242115	270436	3.67%	0.388%
30	11.379	811	813	814	rBV	2183399	1943894	26.35%	2.791%
31	11.402	814	815	816	rVV	208045	144331	1.96%	0.207%
32	11.448	816	819	821	rVB2	67318	115262	1.56%	0.165%
33	11.631	830	835	837	rBV3	79692	197318	2.67%	0.283%
34	11.676	837	839	841	rVB	200107	152584	2.07%	0.219%

LSC Area Percent Report

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Data File : BF084374.D
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Operator : SJ/UM
Sample : H1043-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4N(0-10)

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	11.985	864	866	871	rVB4	71044	154495	2.09%	0.222%
36	12.088	873	875	876	rVB	77938	96022	1.30%	0.138%
37	12.351	897	898	903	rBV4	33588	83641	1.13%	0.120%
38	12.476	907	909	911	rVB2	58752	77713	1.05%	0.112%
39	12.591	916	919	920	rBV	248118	268606	3.64%	0.386%
40	12.819	935	939	940	rBV2	195433	340289	4.61%	0.489%
41	12.854	940	942	948	rVB	284171	423452	5.74%	0.608%
42	12.968	949	952	954	rVV	5473649	5145009	69.73%	7.386%
43	13.871	1028	1031	1039	rBV2	445523	700116	9.49%	1.005%
44	14.008	1041	1043	1046	rBV	1203693	1592785	21.59%	2.287%
45	14.488	1084	1085	1087	rBV2	47260	76672	1.04%	0.110%
46	15.037	1130	1133	1137	rVB	90623	187573	2.54%	0.269%
47	15.380	1161	1163	1166	rBV	87397	138586	1.88%	0.199%
48	15.448	1166	1169	1171	rBV	761739	1159060	15.71%	1.664%
49	16.831	1288	1290	1295	rVB2	41823	87598	1.19%	0.126%

Sum of corrected areas: 69655216

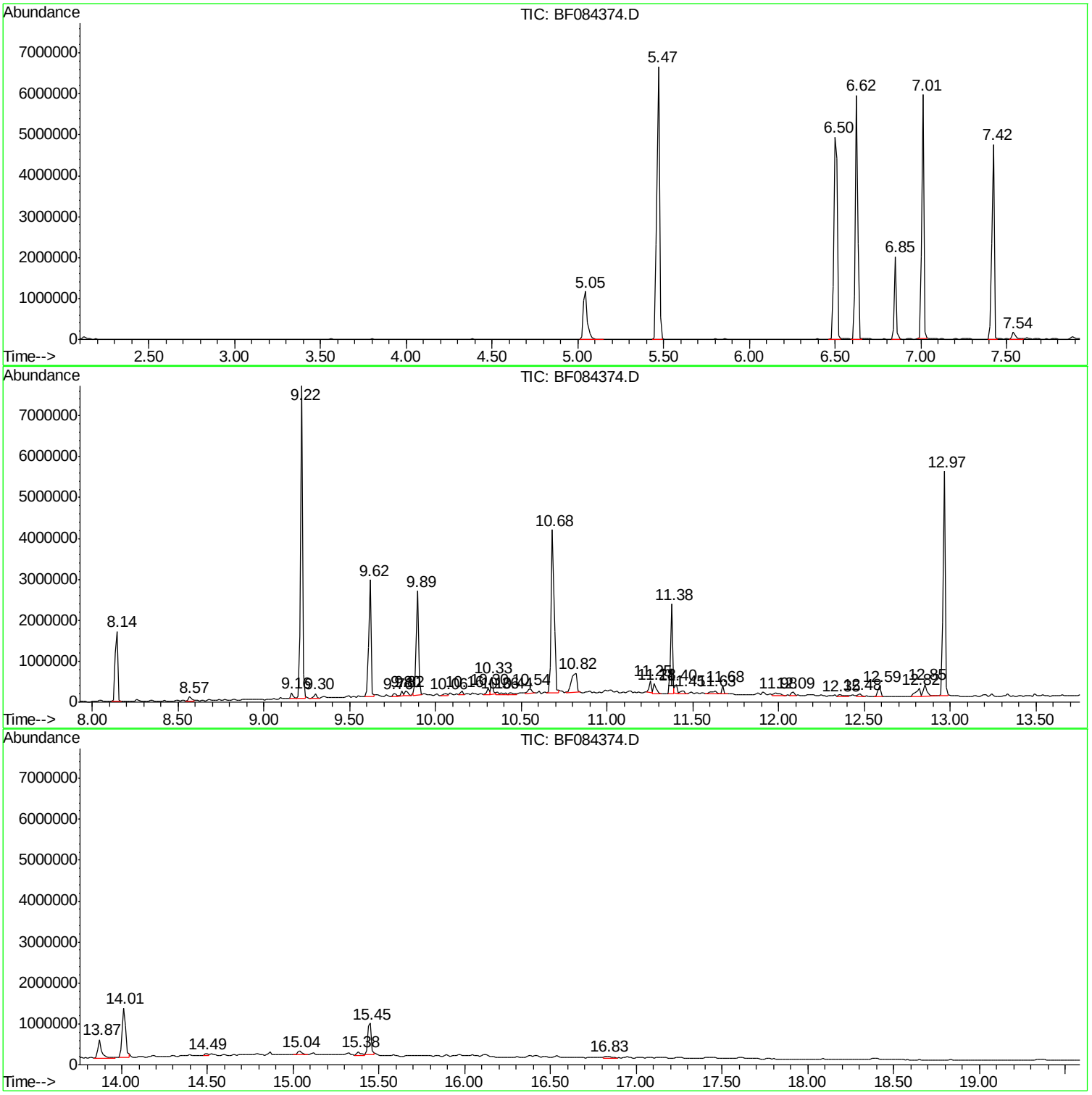
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084374.D
Acq On : 11 Jan 2016 12:38
Operator : SJ/UM
Sample : H1043-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4N(0-10)

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\BF011116\
Data File : BF084374.D
Acq On : 11 Jan 2016 12:38
Operator : SJ/UM
Sample : H1043-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4N(0-10)

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

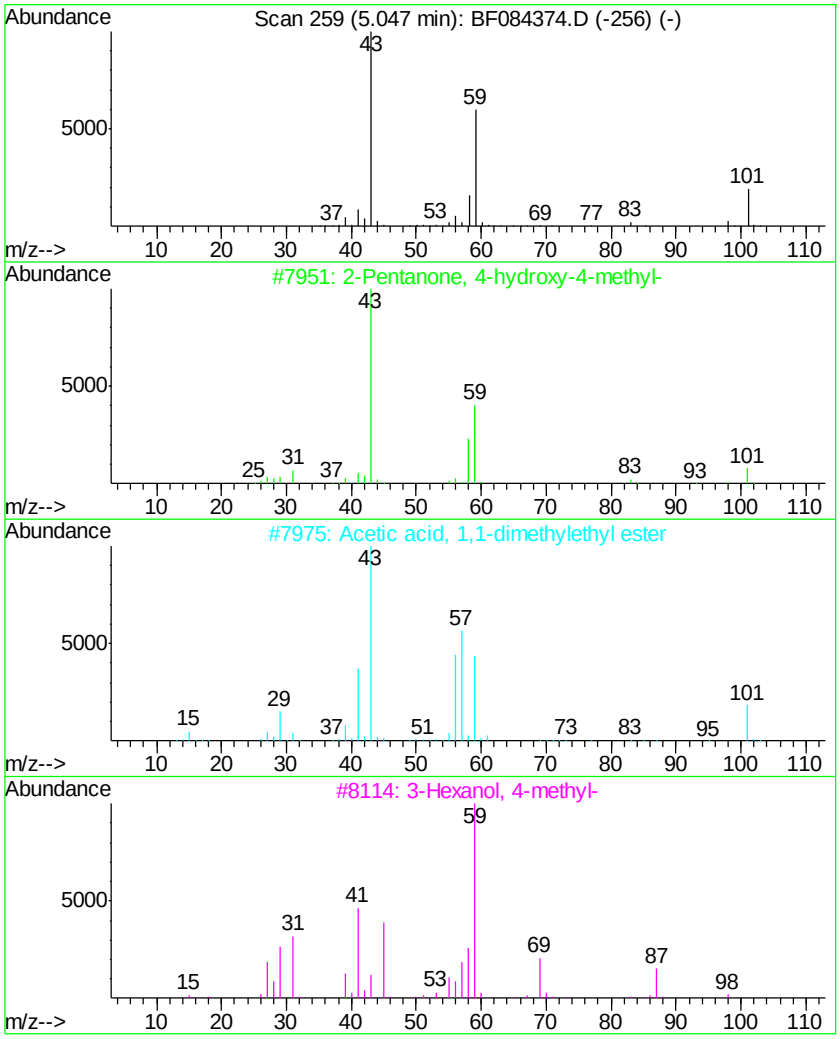
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

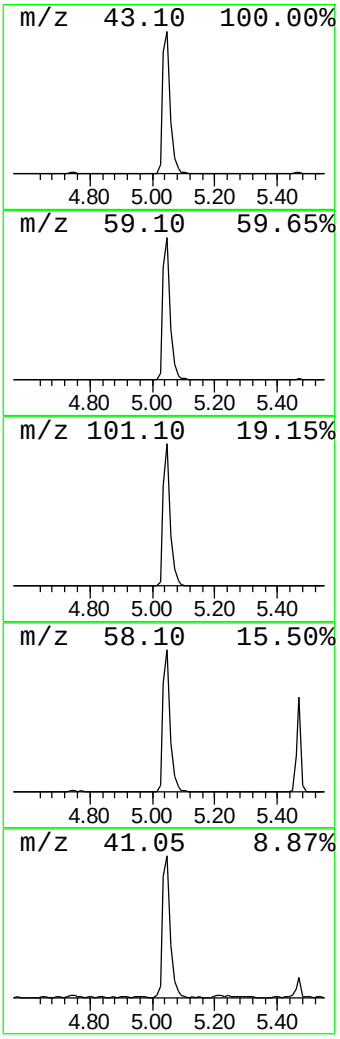
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	23.11 ng	1907600	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
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Acq On : 11 Jan 2016 12:38
Operator : SJ/UM
Sample : H1043-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4N(0-10)

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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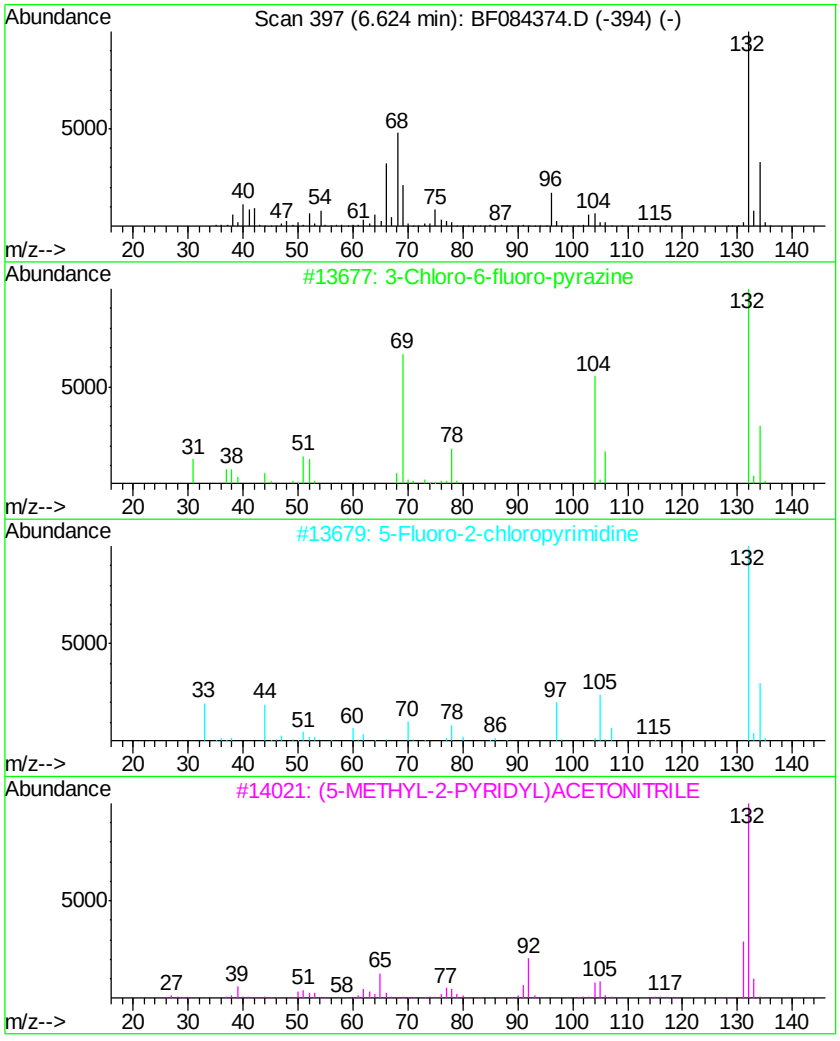
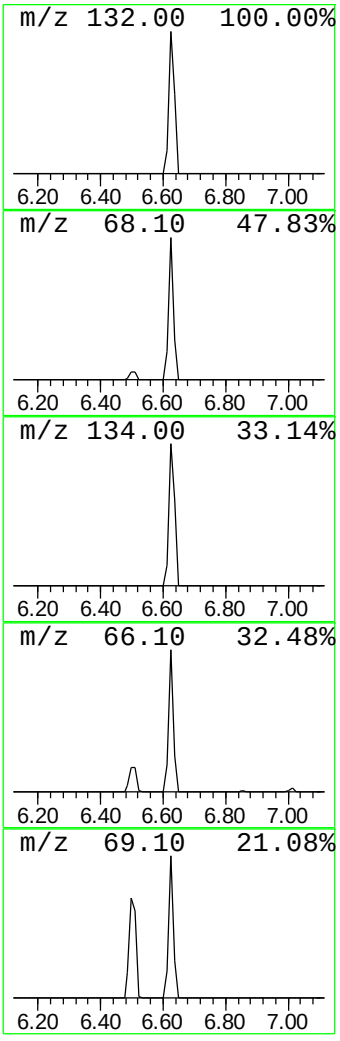
Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	77.91 ng	6431200	1,4-Dichlorobenzene-d4	6.85

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	1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084374.D
Acq On : 11 Jan 2016 12:38
Operator : SJ/UM
Sample : H1043-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4N(0-10)

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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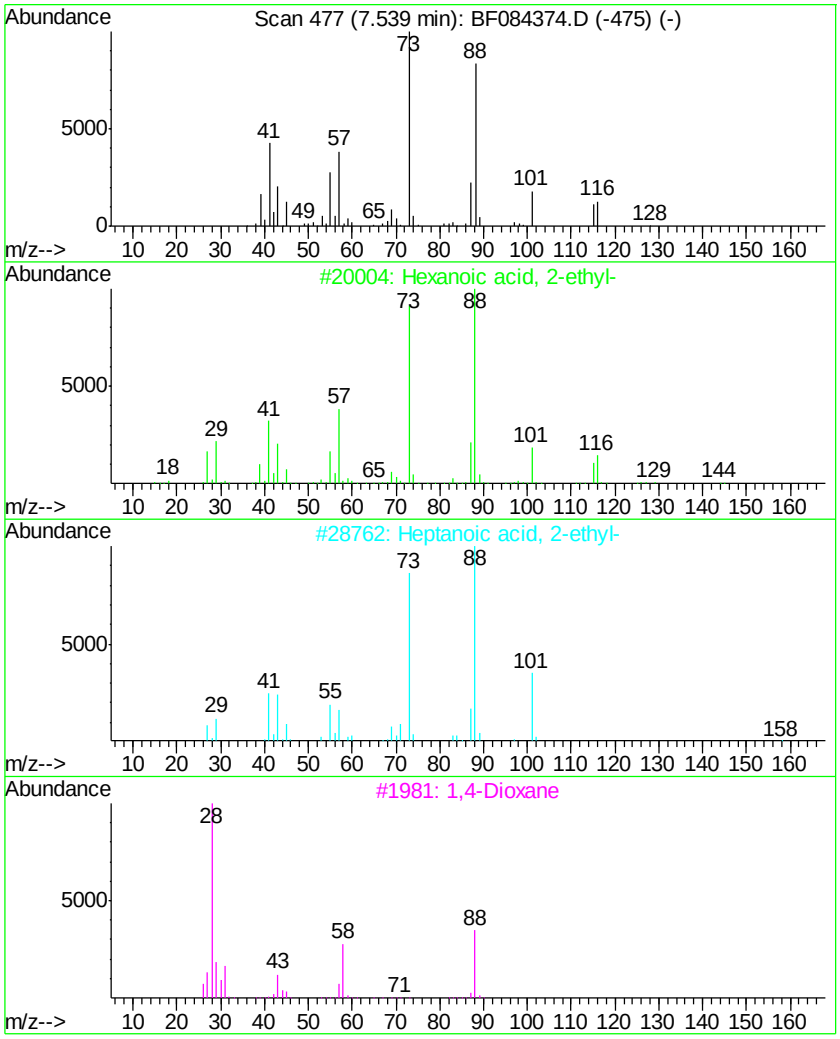
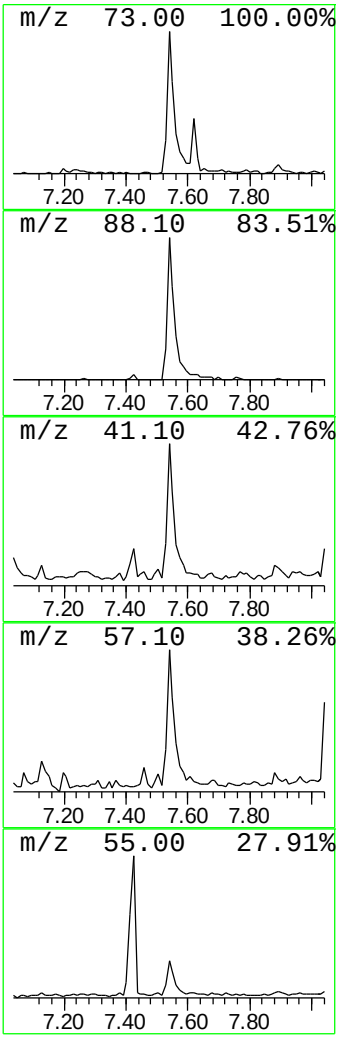
Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	2.68 ng	272623	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	59
3	1,4-Dioxane	88	C4H8O2	000123-91-1	47
4	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	42
5	Hexanamide, 6-(heptyloxy)-	229	C13H27NO2	055191-08-7	36





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084374.D
Acq On : 11 Jan 2016 12:38
Operator : SJ/UM
Sample : H1043-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4N(0-10)

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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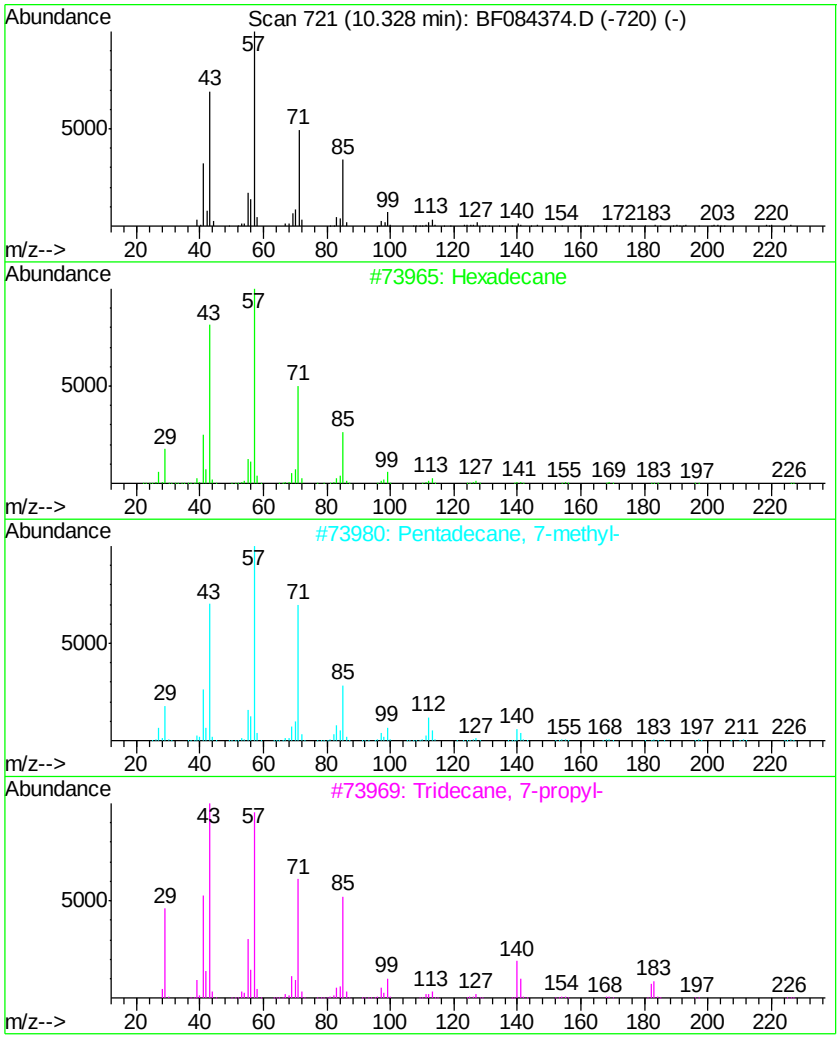
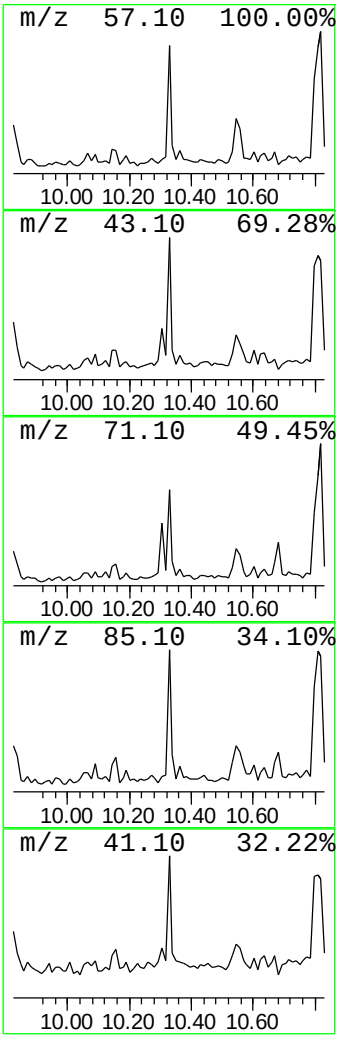
Peak Number 5 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	3.12 ng	343592	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	86
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	72
4	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	59
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	53





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Acq On : 11 Jan 2016 12:38
Operator : SJ/UM
Sample : H1043-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4N(0-10)

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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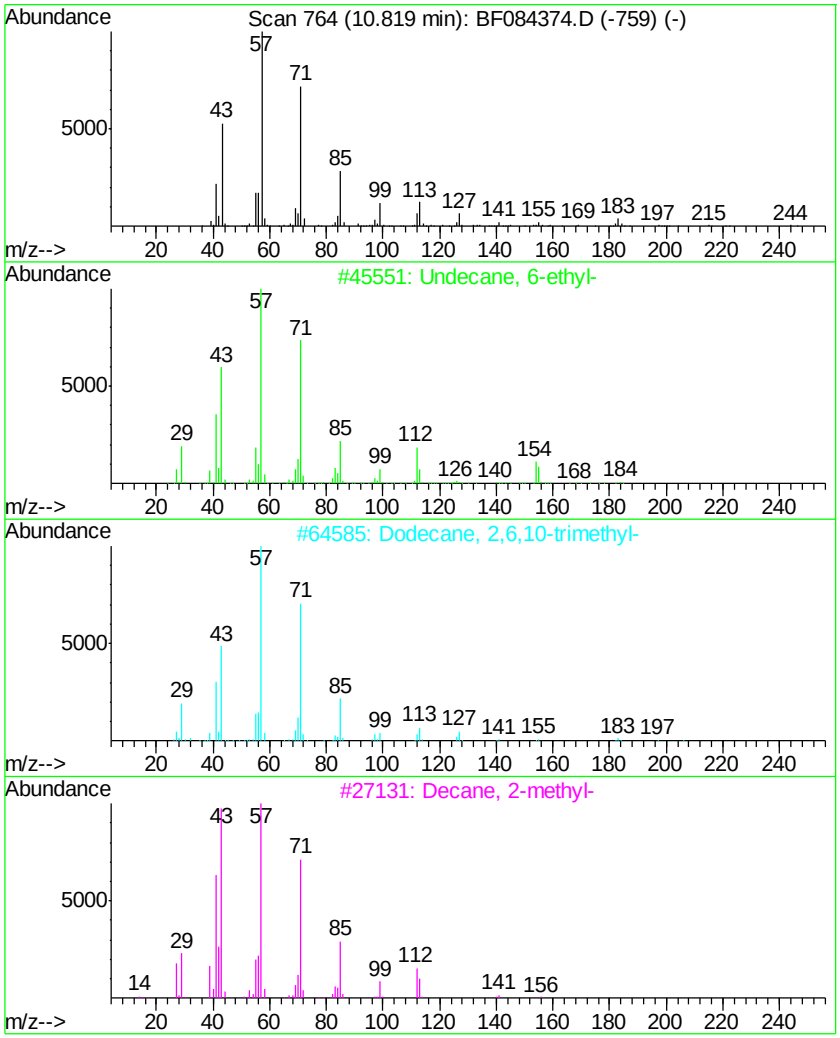
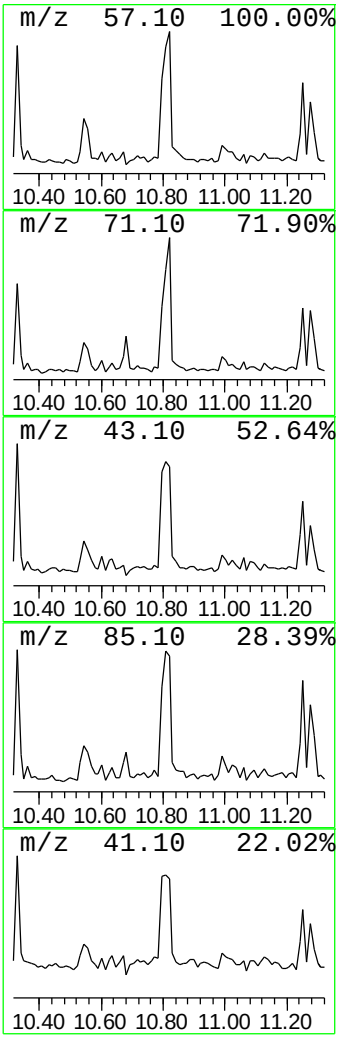
Peak Number 6 Undecane, 6-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	10.72 ng	1041600	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-ethyl-	184	C13H28	017312-60-6	87
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
3	Decane, 2-methyl-	156	C11H24	006975-98-0	72
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64





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Data File : BF084374.D
Acq On : 11 Jan 2016 12:38
Operator : SJ/UM
Sample : H1043-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4N(0-10)

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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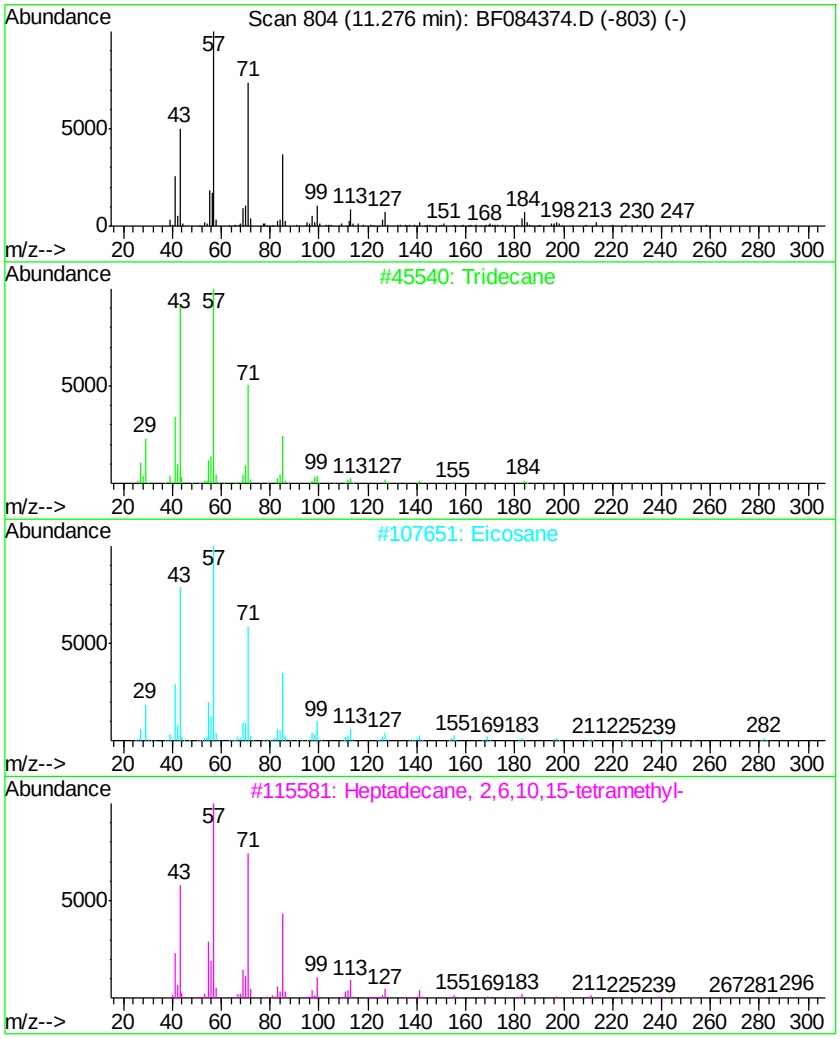
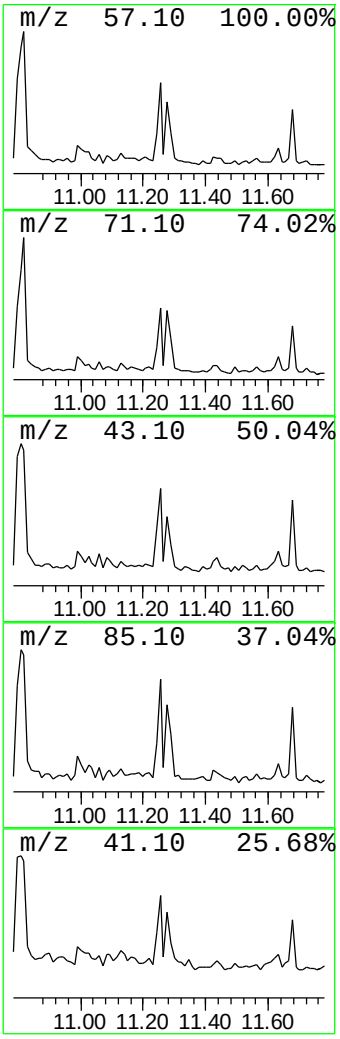
Peak Number 8 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	2.78 ng	270436	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Eicosane	282	C20H42	000112-95-8	78
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	72
5	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	64





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Sample : H1043-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4N(0-10)

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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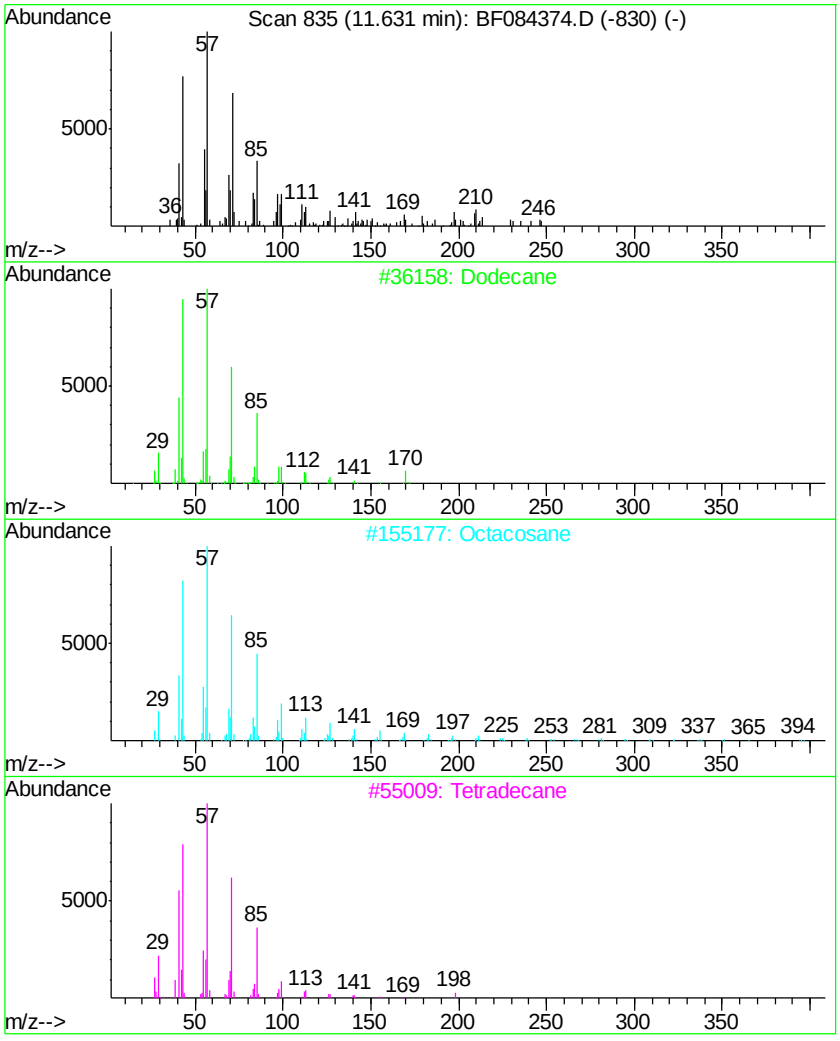
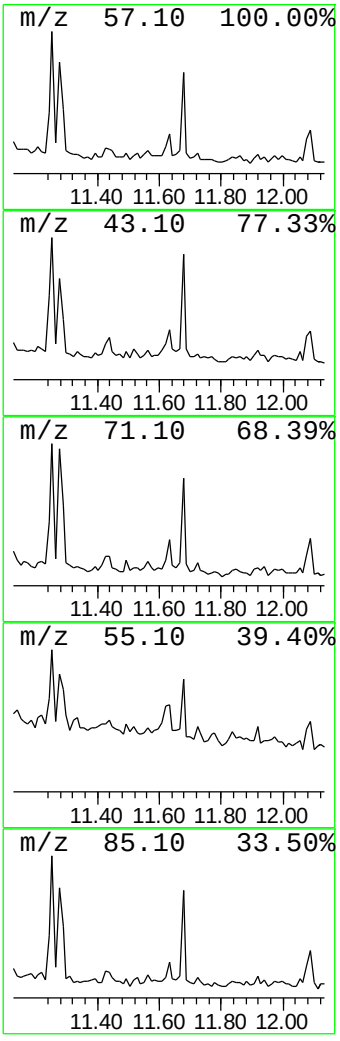
Peak Number 9 Dodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	2.03 ng	197318	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	76
2	Octacosane	394	C28H58	000630-02-4	72
3	Tetradecane	198	C14H30	000629-59-4	70
4	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	58
5	Pentadecane	212	C15H32	000629-62-9	58





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084374.D
Acq On : 11 Jan 2016 12:38
Operator : SJ/UM
Sample : H1043-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4N(0-10)

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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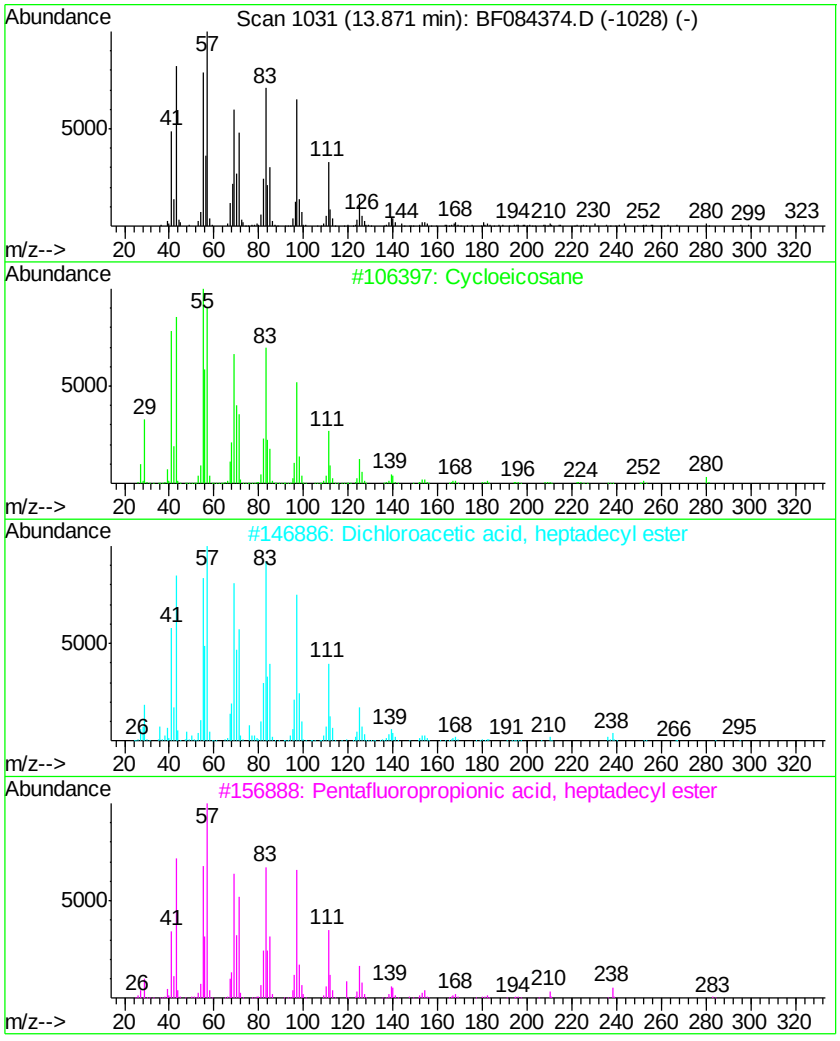
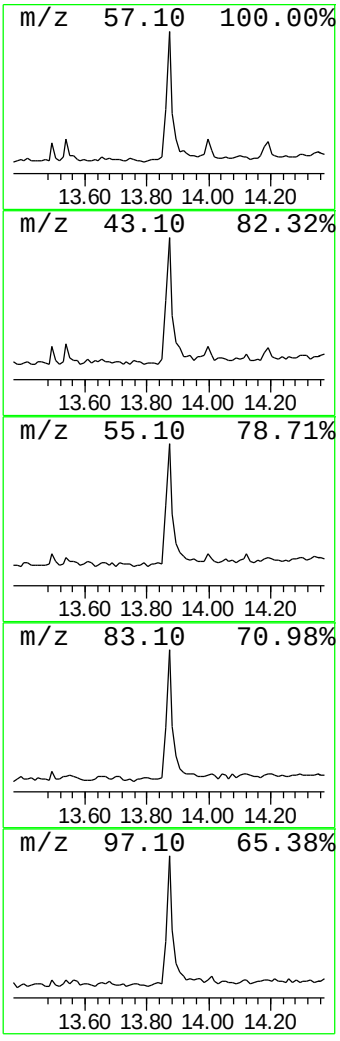
Peak Number 10 Cycloeicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	8.79 ng	700116	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	95
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
5	1-Tricosene	322	C23H46	018835-32-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084374.D
Acq On : 11 Jan 2016 12:38
Operator : SJ/UM
Sample : H1043-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4N(0-10)

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...	5.05	23.1	ng	1907600	1	6.85	1650870	20.0
unknown6.62	6.62	77.9	ng	6431200	1	6.85	1650870	20.0
Hexanoic acid, 2-...	7.54	2.7	ng	272623	2	8.14	2034180	20.0
Hexadecane	10.33	3.1	ng	343592	3	9.89	2200160	20.0
Undecane, 6-ethyl-	10.82	10.7	ng	1041600	4	11.38	1943890	20.0
Tridecane	11.28	2.8	ng	270436	4	11.38	1943890	20.0
Dodecane	11.63	2.0	ng	197318	4	11.38	1943890	20.0
Cycloeicosane	13.87	8.8	ng	700116	5	14.01	1592790	20.0