LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086406.D
Acq On : 23 Apr 2016 22:48
Operator : UM/SJ
Sample : H2652-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B16(0-4)-C

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-BF042216.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	5.024	255	257	262	rBV	53503	85177	2.46%	0.250%
2	5.447	291	294	296	rBV	2798527	3327147	96.22%	9.760%
3	6.476	381	384	387	rBV	2485294	2981941	86.23%	8.748%
4	6.613	393	396	398	rBV	3614842	3424919	99.04%	10.047%
5	6.681	400	402	404	rVB	36262	39115	1.13%	0.115%
6	6.841	414	416	419	rBV	1073329	1028701	29.75%	3.018%
7	7.001	427	430	432	rBV	2993652	2779887	80.39%	8.155%
8	7.401	463	465	468	rBV	1258103	1847156	53.42%	5.419%
9	7.504	472	474	481	rVB	78781	133406	3.86%	0.391%
10	7.699	490	491	500	rVB	102760	126351	3.65%	0.371%
11	8.133	526	529	531	rBV	913905	1205145	34.85%	3.535%
12	8.350	545	548	551	rVB	38892	55284	1.60%	0.162%
13	8.407	551	553	555	rBV	59604	68722	1.99%	0.202%
14	9.207	620	623	625	rBV	3166341	3457970	100.00%	10.144%
15	9.322	632	633	639	rVB2	60654	82749	2.39%	0.243%
16	9.596	655	657	662	rBV	696388	611739	17.69%	1.795%
17	9.813	675	676	679	rBV	72406	66627	1.93%	0.195%
18	9.882	679	682	684	rBV	1316892	1252193	36.21%	3.673%
19	10.293	716	718	719	rBV	33411	59669	1.73%	0.175%
20	10.316	719	720	722	rVB	130506	94032	2.72%	0.276%
21	10.533	736	739	742	rBV	45965	76006	2.20%	0.223%
22	10.670	748	751	753	rBV2	1184829	1646783	47.62%	4.831%
23	10.785	760	761	765	rVB	125813	151431	4.38%	0.444%
24	10.979	776	778	780	rBV2	24482	38629	1.12%	0.113%
25	11.230	798	800	802	rBV	62463	72969	2.11%	0.214%
26	11.356	809	811	816	rBV2	697295	1259056	36.41%	3.694%
27	11.436	817	818	820	rVB	42055	42610	1.23%	0.125%
28	11.596	829	832	836	rBV	235912	372781	10.78%	1.094%
29	11.665	836	838	839	rVB	36837	50014	1.45%	0.147%
30	11.859	853	855	857	rBV2	27343	43957	1.27%	0.129%
31	11.973	863	865	869	rVB2	59060	95902	2.77%	0.281%
32	12.065	871	873	875	rVV	42114	40980	1.19%	0.120%
33	12.156	878	881	885	rVV4	22159	65763	1.90%	0.193%
34	12.339	896	897	901	rBV4	17824	35739	1.03%	0.105%

LSC Area Percent Report

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Acq On : 23 Apr 2016 22:48
Operator : UM/SJ
Sample : H2652-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B16(0-4)-C

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-BF042216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.419	901	904	906	rBV2	85627	166362	4.81%	0.488%
36	12.453	906	907	909	rVB	61528	68141	1.97%	0.200%
37	12.568	915	917	920	rBV	398187	452146	13.08%	1.326%
38	12.796	933	937	946	rBV	421834	730802	21.13%	2.144%
39	12.945	948	950	954	rBV	2501612	2590596	74.92%	7.600%
40	13.185	969	971	973	rBV2	89321	110401	3.19%	0.324%
41	13.231	973	975	979	rVV2	46411	74309	2.15%	0.218%
42	13.482	995	997	998	rBV	45098	50061	1.45%	0.147%
43	13.528	998	1001	1002	rBV	80304	112046	3.24%	0.329%
44	13.848	1027	1029	1034	rVB2	140777	241747	6.99%	0.709%
45	13.996	1039	1042	1049	rVV2	888905	1402879	40.57%	4.115%
46	14.168	1055	1057	1059	rBV	131421	126999	3.67%	0.373%
47	14.476	1082	1084	1085	rBV	100792	121528	3.51%	0.357%
48	14.774	1108	1110	1111	rBV	112120	125973	3.64%	0.370%
49	15.014	1129	1131	1135	rBV	123418	271494	7.85%	0.796%
50	15.357	1159	1161	1164	rBV	84487	144461	4.18%	0.424%
51	15.414	1164	1166	1168	rBV	415524	577796	16.71%	1.695%

Sum of corrected areas: 34088291

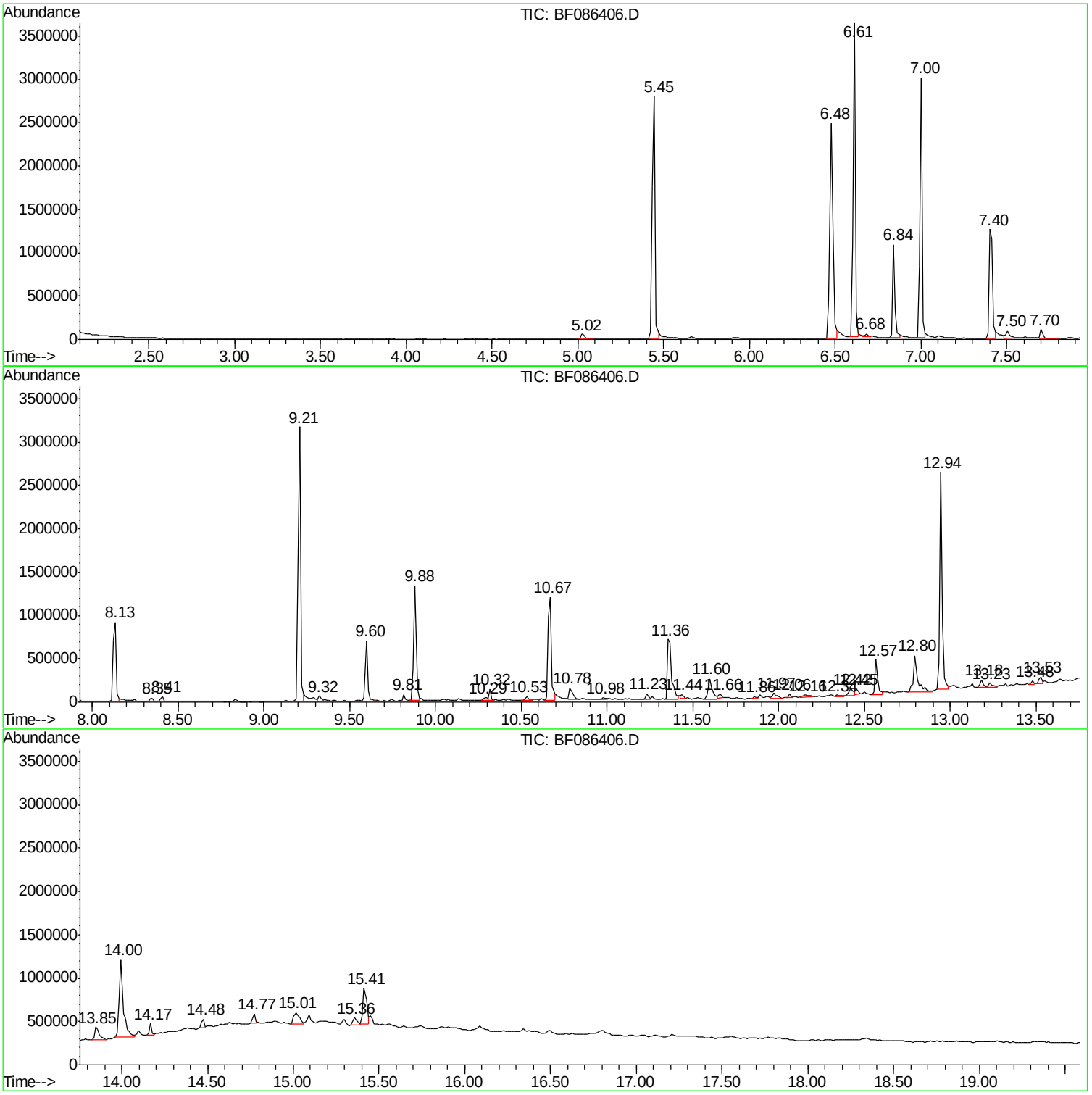
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086406.D
Acq On : 23 Apr 2016 22:48
Operator : UM/SJ
Sample : H2652-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B16(0-4)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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\BF042216\
Data File : BF086406.D
Acq On : 23 Apr 2016 22:48
Operator : UM/SJ
Sample : H2652-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B16(0-4)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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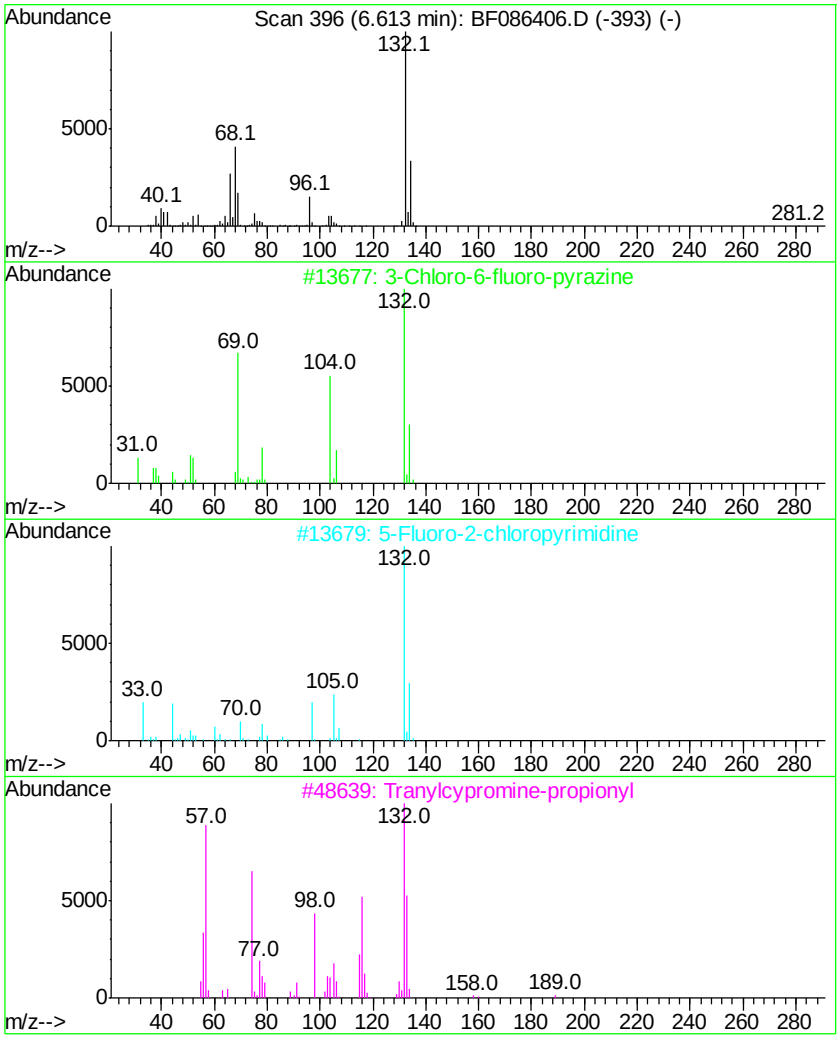
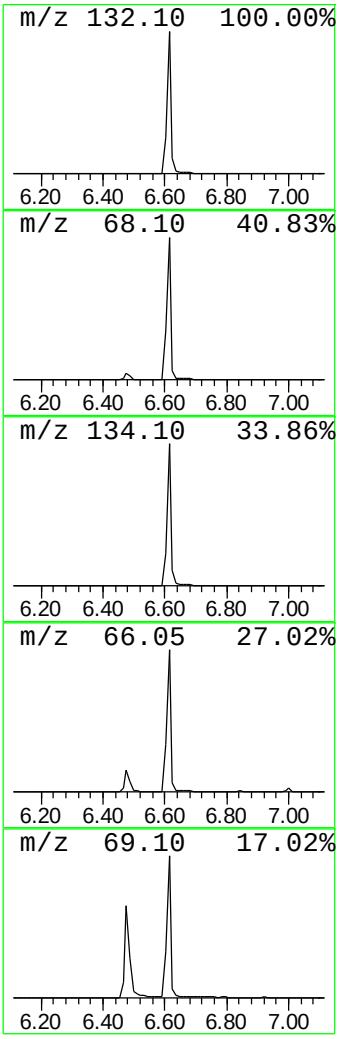
Peak Number 1 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	66.59 ng	3424920	1,4-Dichlorobenzene-d4	6.84

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086406.D
Acq On : 23 Apr 2016 22:48
Operator : UM/SJ
Sample : H2652-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B16(0-4)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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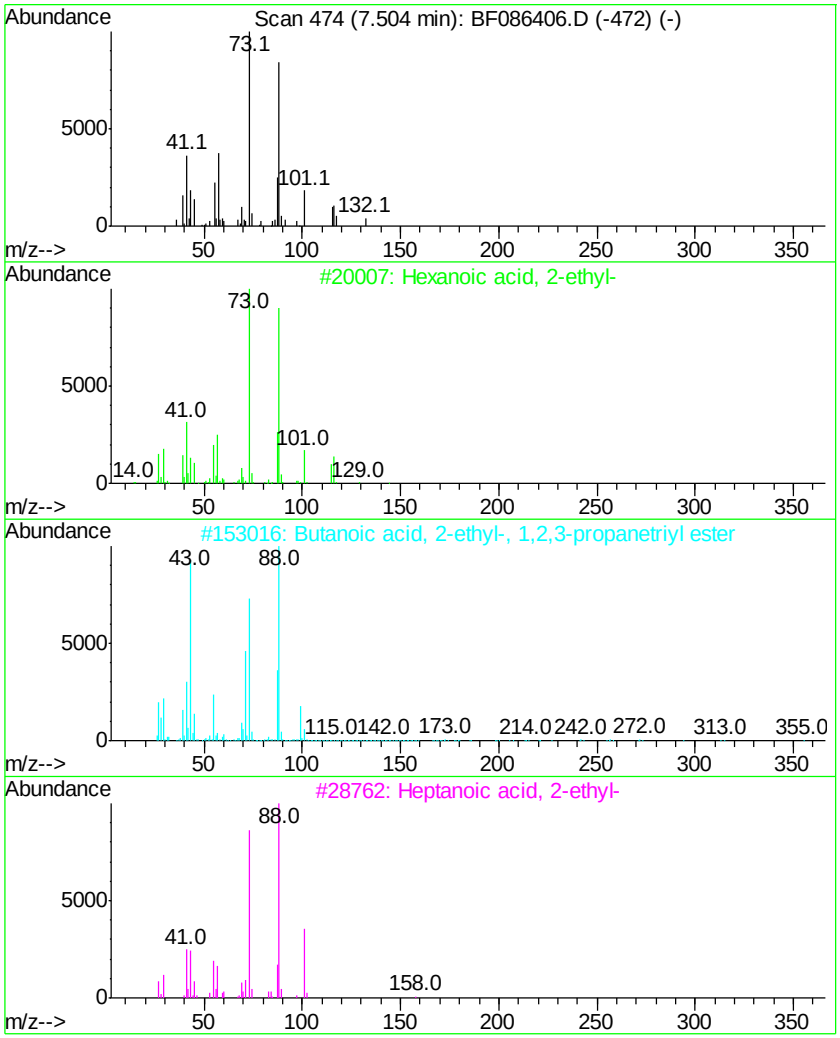
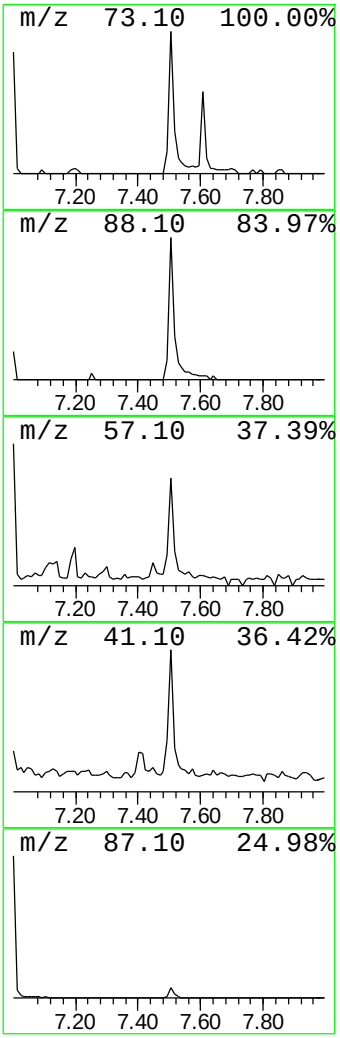
Peak Number 3 Hexanoic acid, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	2.21 ng	133406	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	83
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	53
3	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	42
4	Methyl 2-methylhexanoate	144	C8H16O2	002177-81-3	40
5	Hexanoic acid, ethyl ester	144	C8H16O2	000123-66-0	33





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086406.D
Acq On : 23 Apr 2016 22:48
Operator : UM/SJ
Sample : H2652-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B16(0-4)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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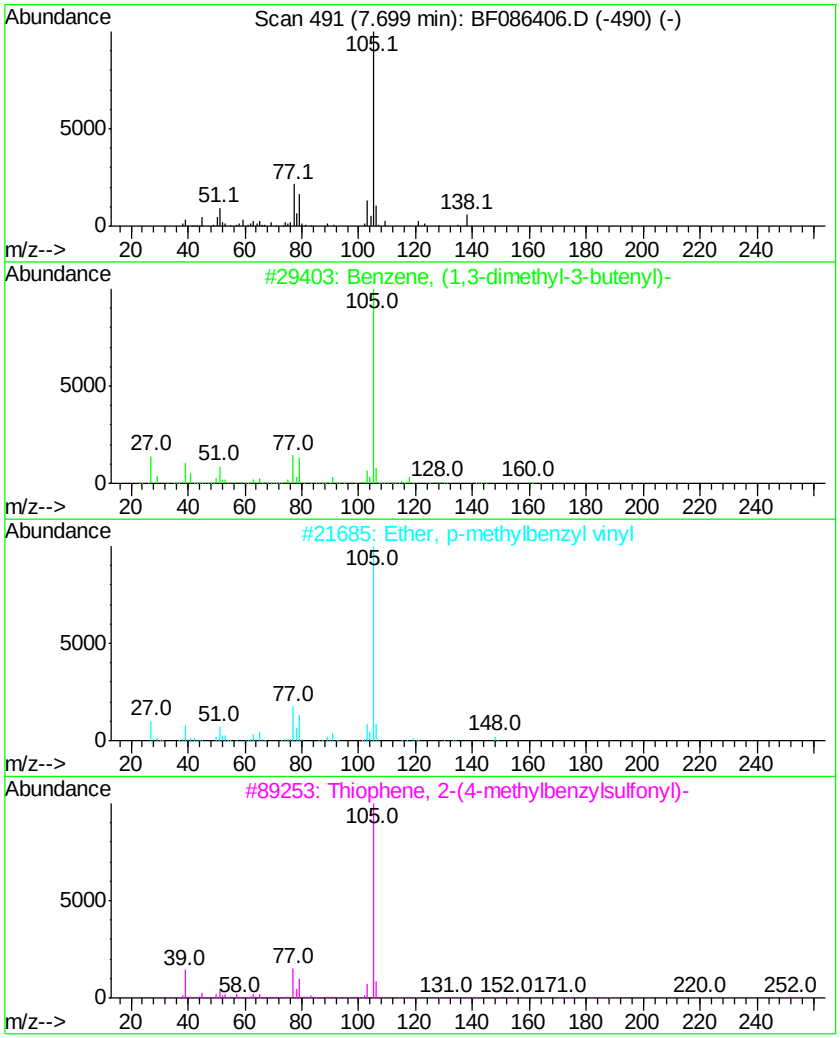
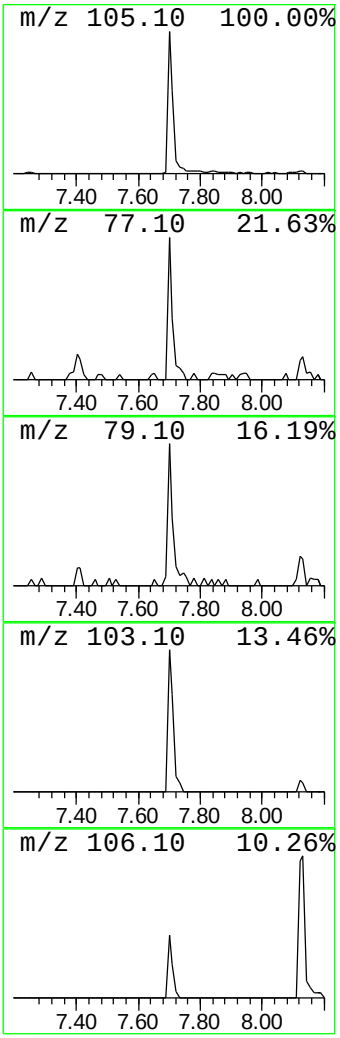
Peak Number 4 Benzene, (1,3-dimethyl-3-bu... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	2.10 ng	126351	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	72
2	Ether, p-methylbenzyl vinyl	148	C10H12O	026437-10-5	72
3	Thiophene, 2-(4-methylbenzylsulf...	252	C12H12O2S2	153837-88-8	64
4	Benzene, 1,1'-(1-methyl-1,2-etha...	196	C15H16	005814-85-7	64
5	Benzene, (1-nitroethyl)-	151	C8H9NO2	007214-61-1	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086406.D
Acq On : 23 Apr 2016 22:48
Operator : UM/SJ
Sample : H2652-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B16(0-4)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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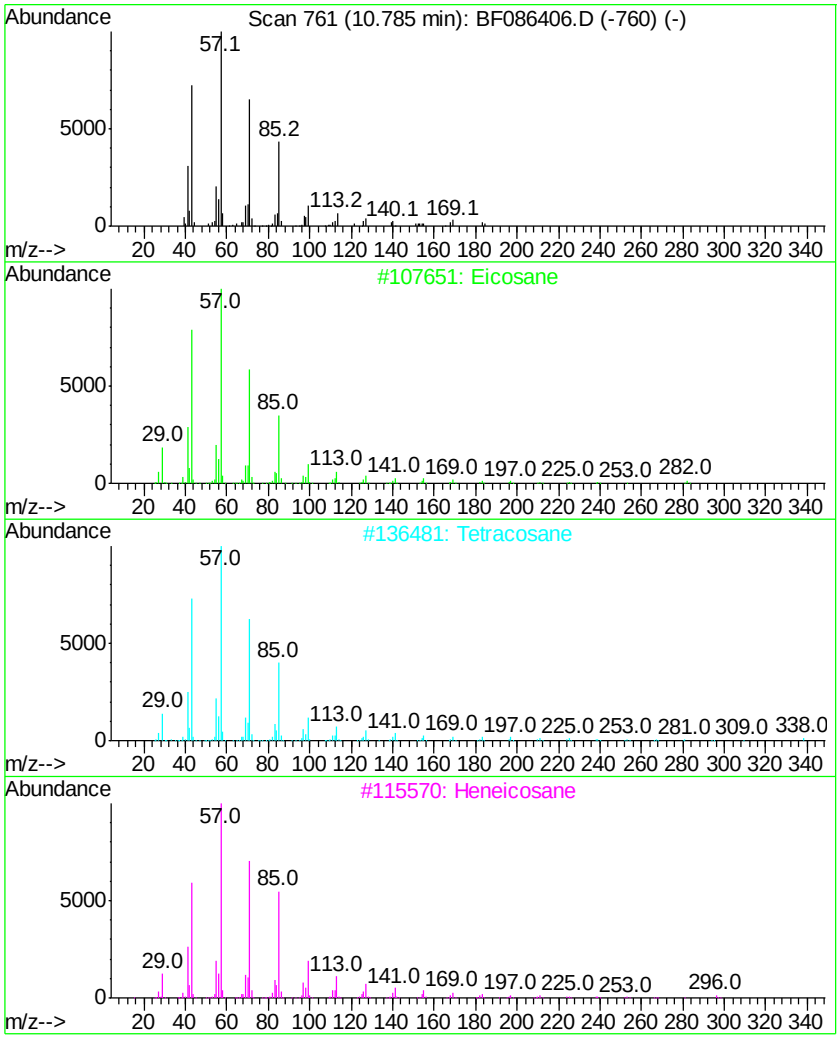
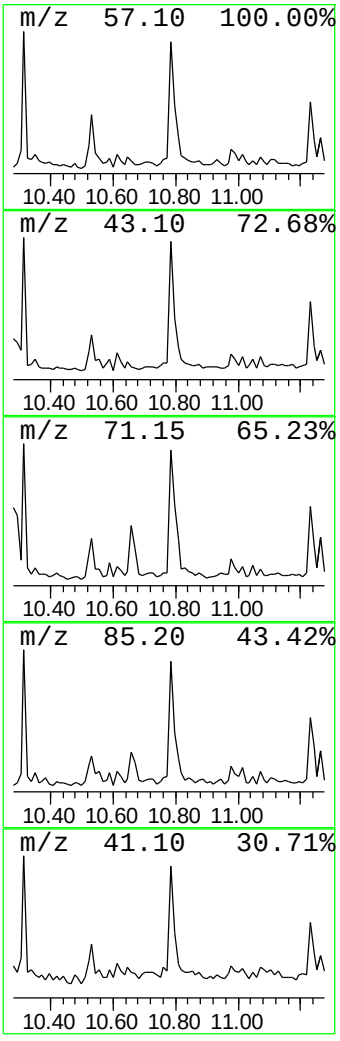
Peak Number 5 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	2.41 ng	151431	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Operator : UM/SJ
Sample : H2652-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B16(0-4)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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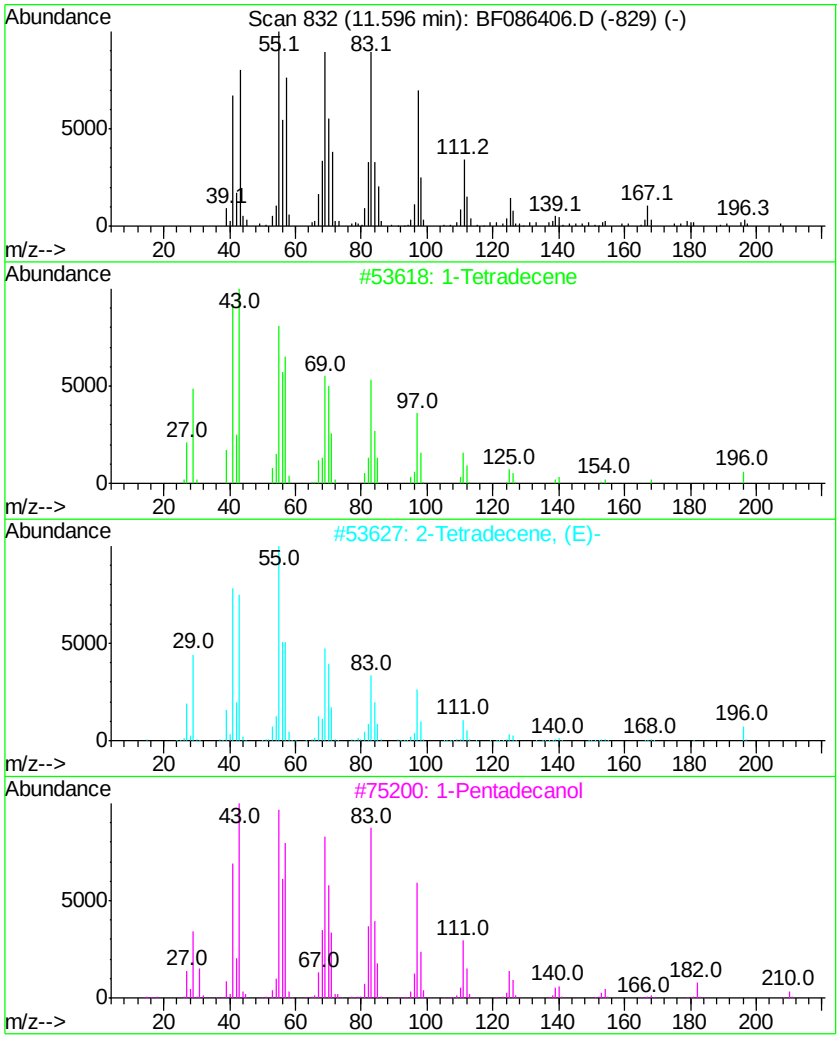
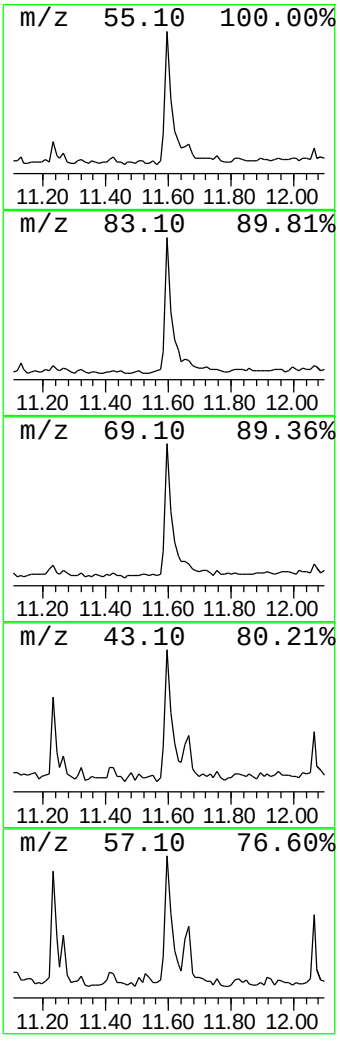
Peak Number 6 1-Tetradecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	5.92 ng	372781	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetradecene	196	C14H28	001120-36-1	97
2	2-Tetradecene, (E)-	196	C14H28	035953-53-8	95
3	1-Pentadecanol	228	C15H32O	000629-76-5	95
4	1-Hexadecanol	242	C16H34O	036653-82-4	94
5	1-Tetradecanol	214	C14H30O	000112-72-1	91





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Sample : H2652-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B16(0-4)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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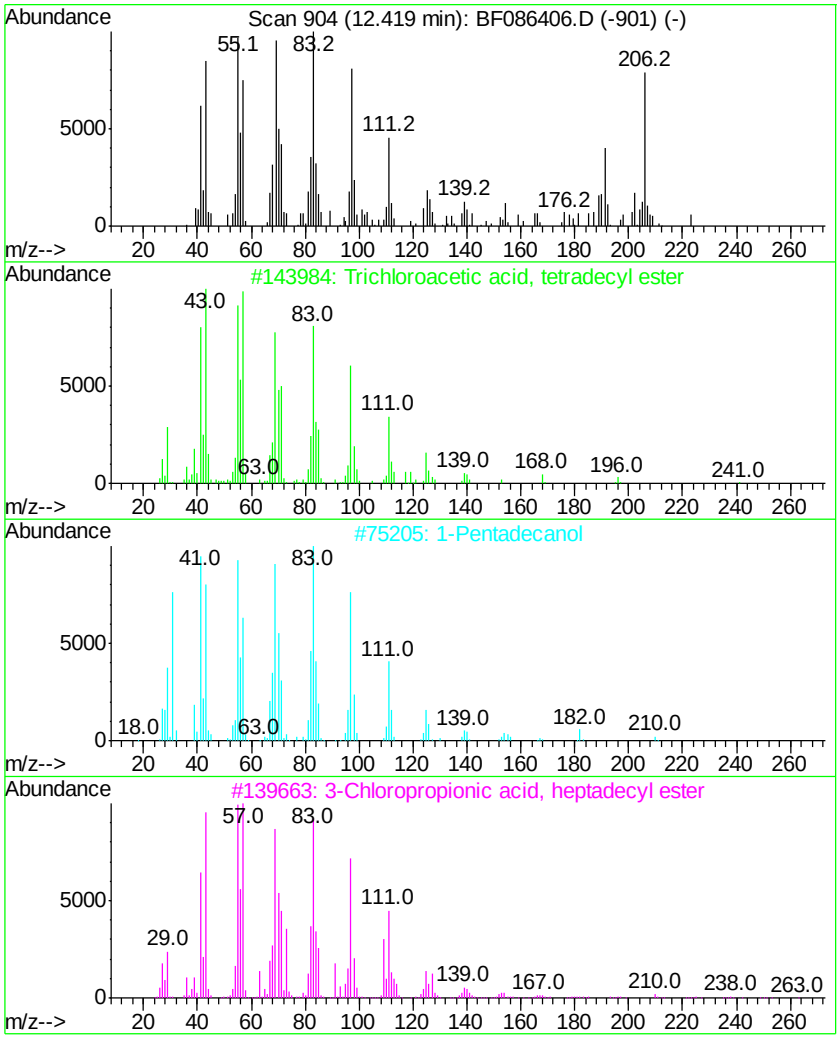
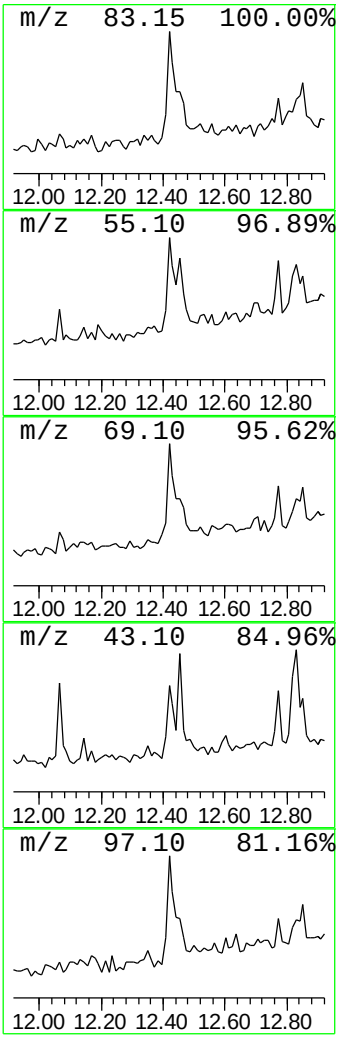
Peak Number 7 Trichloroacetic acid, tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	2.64 ng	166362	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	70
2	1-Pentadecanol	228	C15H32O	000629-76-5	70
3	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	62
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	62
5	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	60





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Sample : H2652-05
Misc :
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Instrument : BNA_F
ClientSampleId : WPG-B16(0-4)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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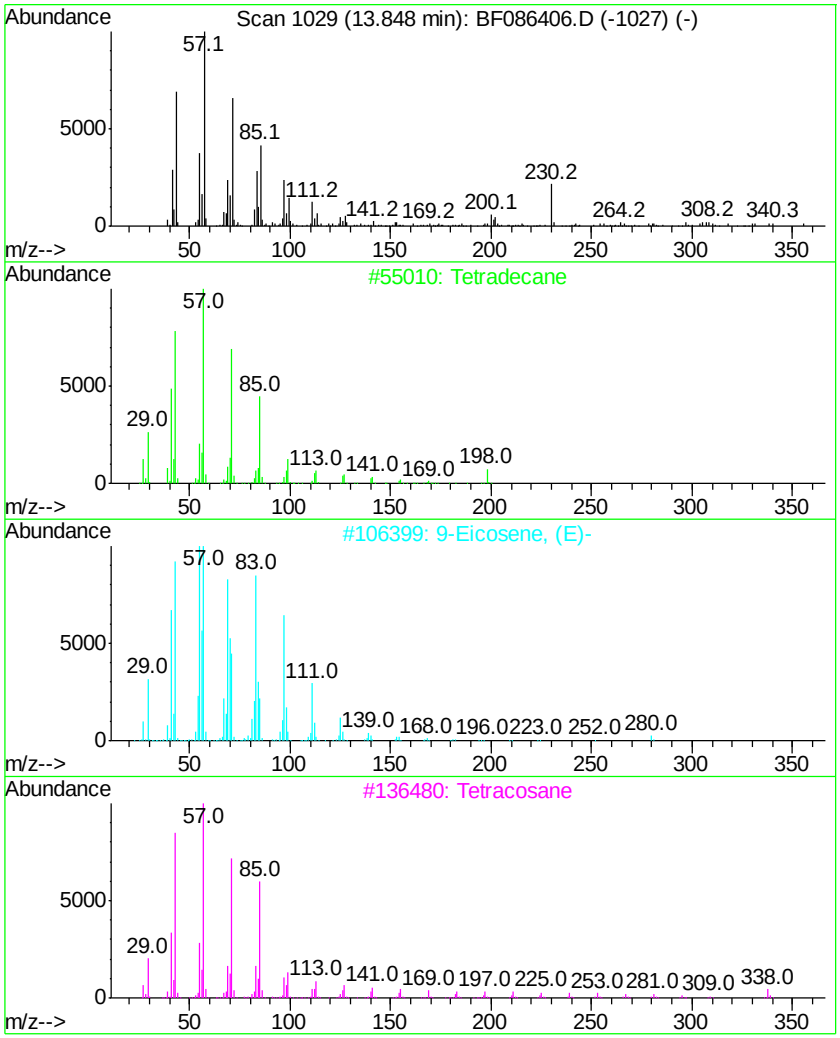
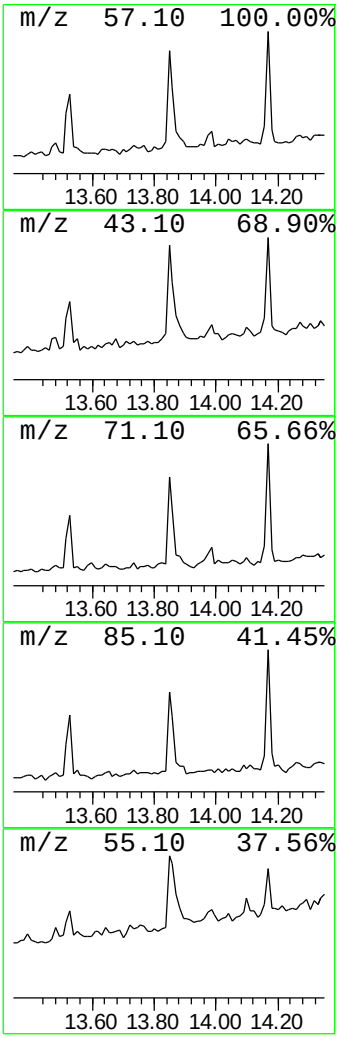
Peak Number 8 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	3.45 ng	241747	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	81
3	Tetracosane	338	C24H50	000646-31-1	64
4	Pentadecane	212	C15H32	000629-62-9	60
5	Heptadecane	240	C17H36	000629-78-7	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086406.D
Acq On : 23 Apr 2016 22:48
Operator : UM/SJ
Sample : H2652-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B16(0-4)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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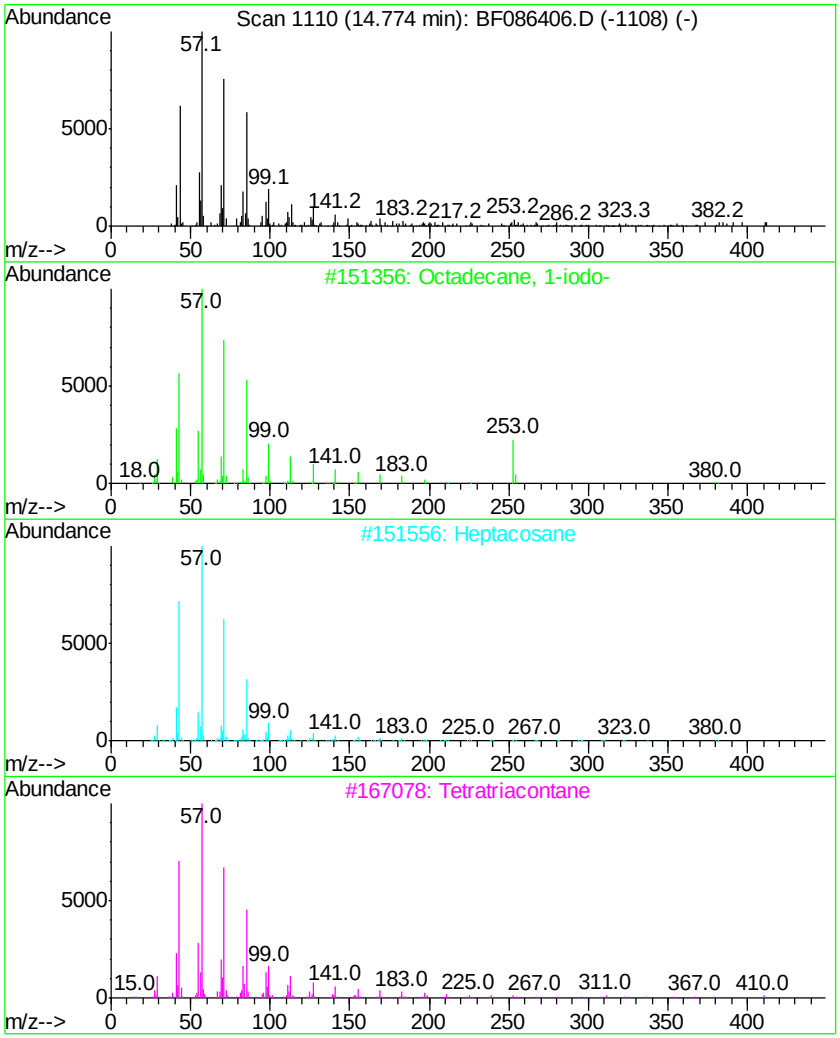
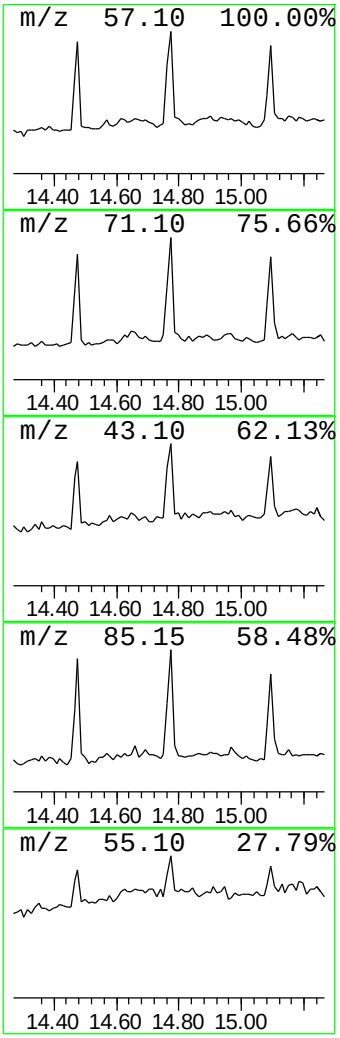
Peak Number 9 Octadecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	4.36 ng	125973	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	95
2	Heptacosane	380	C27H56	000593-49-7	95
3	Tetratriacontane	479	C34H70	014167-59-0	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086406.D
Acq On : 23 Apr 2016 22:48
Operator : UM/SJ
Sample : H2652-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B16(0-4)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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
unknown6.61	6.61	66.6	ng	3424920	1	6.84	1028700	20.0
Hexanoic acid, 2-...	7.50	2.2	ng	133406	2	8.13	1205150	20.0
Benzene, (1,3-dim...	7.70	2.1	ng	126351	2	8.13	1205150	20.0
Eicosane	10.78	2.4	ng	151431	4	11.37	1259060	20.0
1-Tetradecene	11.60	5.9	ng	372781	4	11.37	1259060	20.0
Trichloroacetic a...	12.42	2.6	ng	166362	4	11.37	1259060	20.0
Tetradecane	13.85	3.5	ng	241747	5	14.00	1402880	20.0
Octadecane, 1-iodo-	14.77	4.4	ng	125973	6	15.41	577796	20.0