LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093772.D
Acq On : 20 Mar 2017 18:57
Operator : SJ/MA
Sample : I2304-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SPA-B6(0-5)

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-BF032017.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	2.126	19	21	28	rVB2	118206	179367	2.60%	0.258%
2	5.030	272	275	283	rBV	868592	1534231	22.21%	2.208%
3	5.441	308	311	314	rBV	4439349	6166502	89.28%	8.874%
4	5.841	344	346	349	rVB	95317	90717	1.31%	0.131%
5	6.470	397	401	404	rBV	4257176	6907025	100.00%	9.939%
6	6.607	410	413	415	rBV	5426954	6160186	89.19%	8.865%
7	6.835	431	433	435	rBV	1791364	1483241	21.47%	2.134%
8	6.995	444	447	449	rBV	4961037	4792113	69.38%	6.896%
9	7.395	479	482	484	rBV	3172273	4283178	62.01%	6.164%
10	7.453	484	487	488	rVB	77632	84131	1.22%	0.121%
11	7.636	499	503	506	rVB4	113246	233803	3.39%	0.336%
12	7.750	509	513	515	rBV4	32860	81815	1.18%	0.118%
13	7.864	520	523	524	rVV2	99368	180665	2.62%	0.260%
14	7.898	524	526	527	rVV2	51012	69484	1.01%	0.100%
15	7.933	527	529	533	rVB3	40833	81135	1.17%	0.117%
16	8.116	543	545	548	rBV	1774613	2033543	29.44%	2.926%
17	8.230	553	555	558	rVB	74585	98430	1.43%	0.142%
18	8.298	558	561	566	rBV5	24681	79018	1.14%	0.114%
19	8.424	566	572	576	rBV7	57816	158549	2.30%	0.228%
20	8.561	582	584	586	rBV	134251	153245	2.22%	0.221%
21	8.733	596	599	601	rBV2	158773	267712	3.88%	0.385%
22	8.824	605	607	609	rVB2	103281	150218	2.17%	0.216%
23	8.927	614	616	622	rVV2	94183	163638	2.37%	0.235%
24	9.156	635	636	637	rBV	162021	139793	2.02%	0.201%
25	9.201	637	640	642	rVB	6040347	6141789	88.92%	8.838%
26	9.293	645	648	650	rBV	468160	488805	7.08%	0.703%
27	9.350	650	653	654	rBV2	58195	77966	1.13%	0.112%
28	9.453	660	662	666	rBV	126901	219574	3.18%	0.316%
29	9.533	666	669	670	rBV	189240	269236	3.90%	0.387%
30	9.590	672	674	675	rVV	1036334	919397	13.31%	1.323%
31	9.636	677	678	682	rVB4	87209	202131	2.93%	0.291%
32	9.796	690	692	693	rBV	75370	78773	1.14%	0.113%
33	9.819	693	694	696	rVB	644943	484901	7.02%	0.698%
34	9.876	696	699	701	rBV	1832270	2194980	31.78%	3.159%

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Operator : SJ/MA
Sample : I2304-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SPA-B6(0-5)

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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.979	706	708	710	rVB	75441	110631	1.60%	0.159%
36	10.081	712	717	718	rBV4	147556	291363	4.22%	0.419%
37	10.116	718	720	721	rBV2	94477	106683	1.54%	0.154%
38	10.139	721	722	724	rVB2	156232	191646	2.77%	0.276%
39	10.184	724	726	728	rBV2	73019	129098	1.87%	0.186%
40	10.287	730	735	736	rBV5	115062	272253	3.94%	0.392%
41	10.322	736	738	739	rVB	553915	525156	7.60%	0.756%
42	10.367	739	742	745	rVB4	57850	119254	1.73%	0.172%
43	10.436	745	748	750	rBV3	69819	157684	2.28%	0.227%
44	10.482	750	752	753	rVB	100333	89161	1.29%	0.128%
45	10.539	754	757	760	rBV	437014	518388	7.51%	0.746%
46	10.653	763	767	769	rBV2	2595699	3691523	53.45%	5.312%
47	10.699	769	771	774	rVB3	53039	90945	1.32%	0.131%
48	10.790	777	779	782	rBV	861464	1394290	20.19%	2.006%
49	10.847	782	784	786	rBV3	57756	103052	1.49%	0.148%
50	10.984	794	796	798	rBV3	91025	124815	1.81%	0.180%
51	11.019	798	799	800	rVB	126592	87931	1.27%	0.127%
52	11.110	805	807	809	rBV3	79060	134115	1.94%	0.193%
53	11.236	816	818	819	rBV	719010	562935	8.15%	0.810%
54	11.270	819	821	823	rVB	534112	519031	7.51%	0.747%
55	11.350	826	828	829	rBV	1893979	1704595	24.68%	2.453%
56	11.544	843	845	847	rBV3	89463	104019	1.51%	0.150%
57	11.613	849	851	853	rVV	156351	214288	3.10%	0.308%
58	11.659	853	855	858	rVV	535634	522134	7.56%	0.751%
59	11.819	867	869	870	rBV	95713	130571	1.89%	0.188%
60	11.887	873	875	877	rVV2	236609	335783	4.86%	0.483%
61	11.956	880	881	887	rVB5	135846	377213	5.46%	0.543%
62	12.070	889	891	893	rVB	309510	324107	4.69%	0.466%
63	12.345	913	915	918	rBV	162655	253471	3.67%	0.365%
64	12.459	923	925	926	rVB	232084	253744	3.67%	0.365%
65	12.562	932	934	936	rBV2	171188	256127	3.71%	0.369%
66	12.825	956	957	960	rBV	212487	248371	3.60%	0.357%
67	12.939	964	967	969	rVV	3826408	4359024	63.11%	6.273%
68	13.305	997	999	1002	rBV	167164	207779	3.01%	0.299%
69	13.842	1043	1046	1053	rBV2	299609	811484	11.75%	1.168%
70	13.968	1055	1057	1059	rVB	841462	1089971	15.78%	1.569%
71	15.385	1178	1181	1183	rVB	786786	1098929	15.91%	1.581%

LSC Area Percent Report

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Operator : SJ/MA
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Misc :
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Instrument : BNA_F
ClientSampleId : SPA-B6(0-5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.071	1238	1241	1249	rVB3	271615	739477	10.71%	1.064%
73	16.471	1274	1276	1284	rVB	293588	590911	8.56%	0.850%

Sum of corrected areas: 69491243

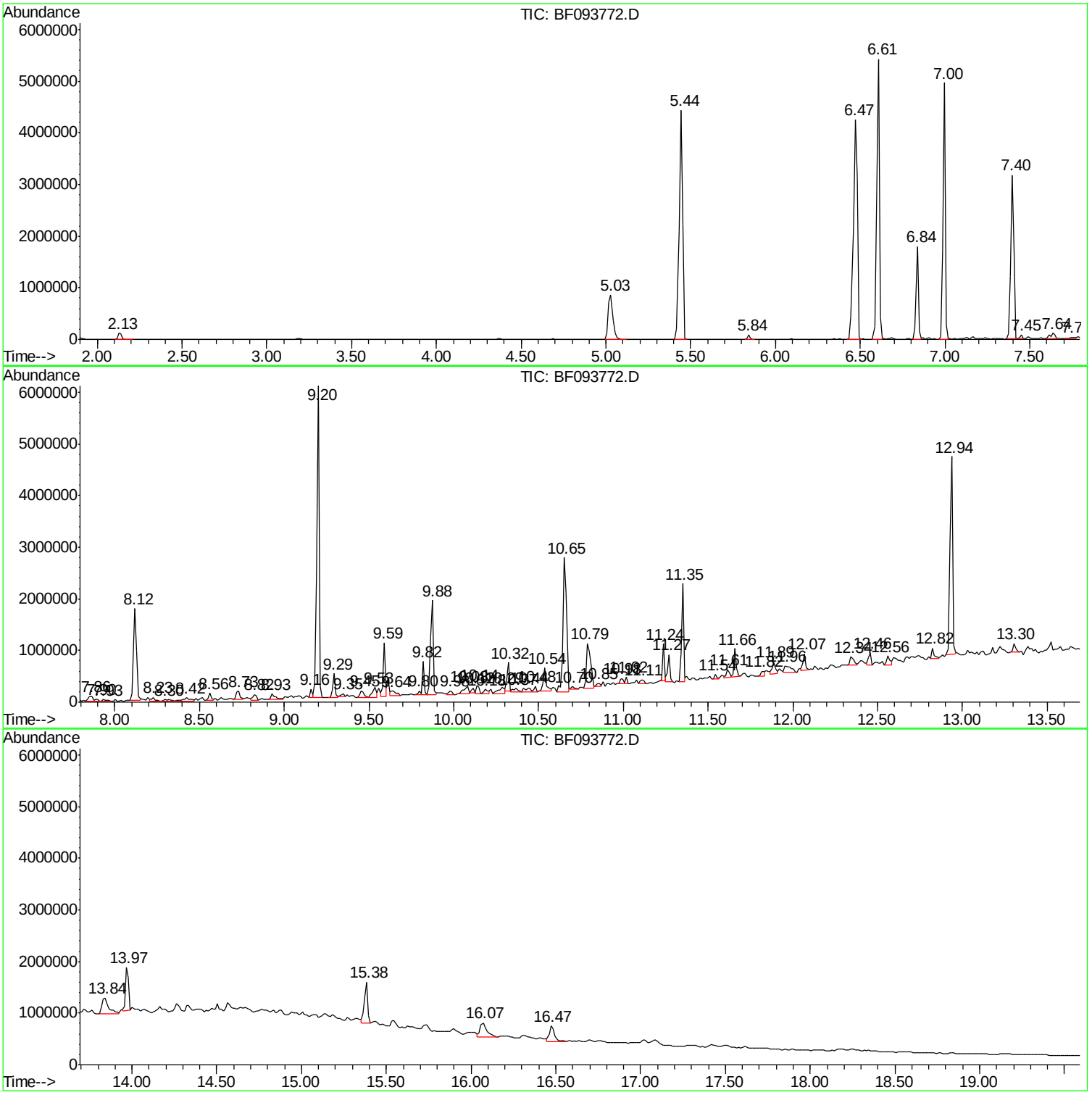
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093772.D
Acq On : 20 Mar 2017 18:57
Operator : SJ/MA
Sample : I2304-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SPA-B6(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093772.D
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Operator : SJ/MA
Sample : I2304-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SPA-B6(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

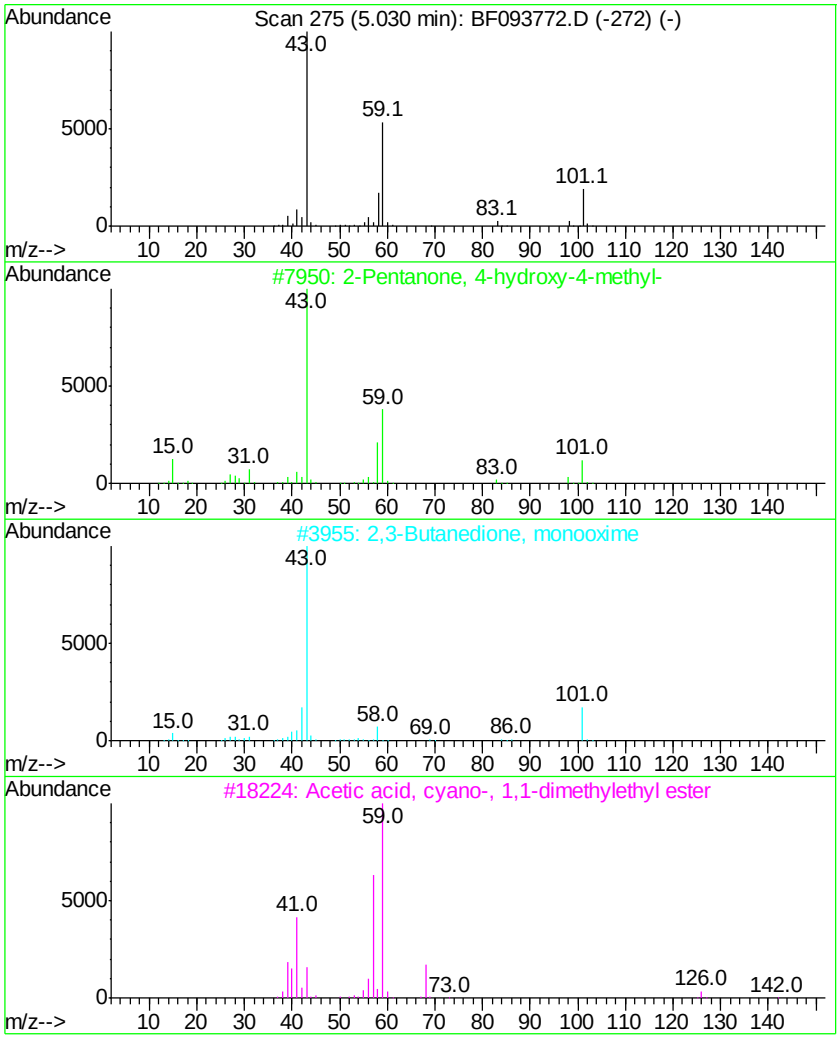
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

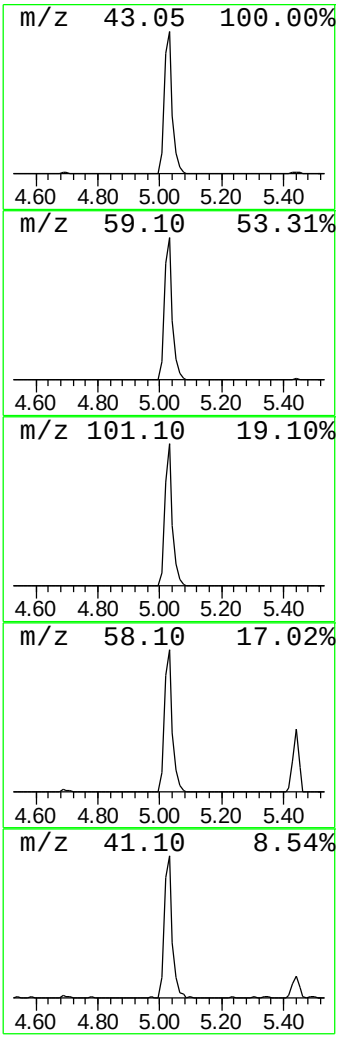
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	20.69 ng	1534230	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093772.D
Acq On : 20 Mar 2017 18:57
Operator : SJ/MA
Sample : I2304-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SPA-B6(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.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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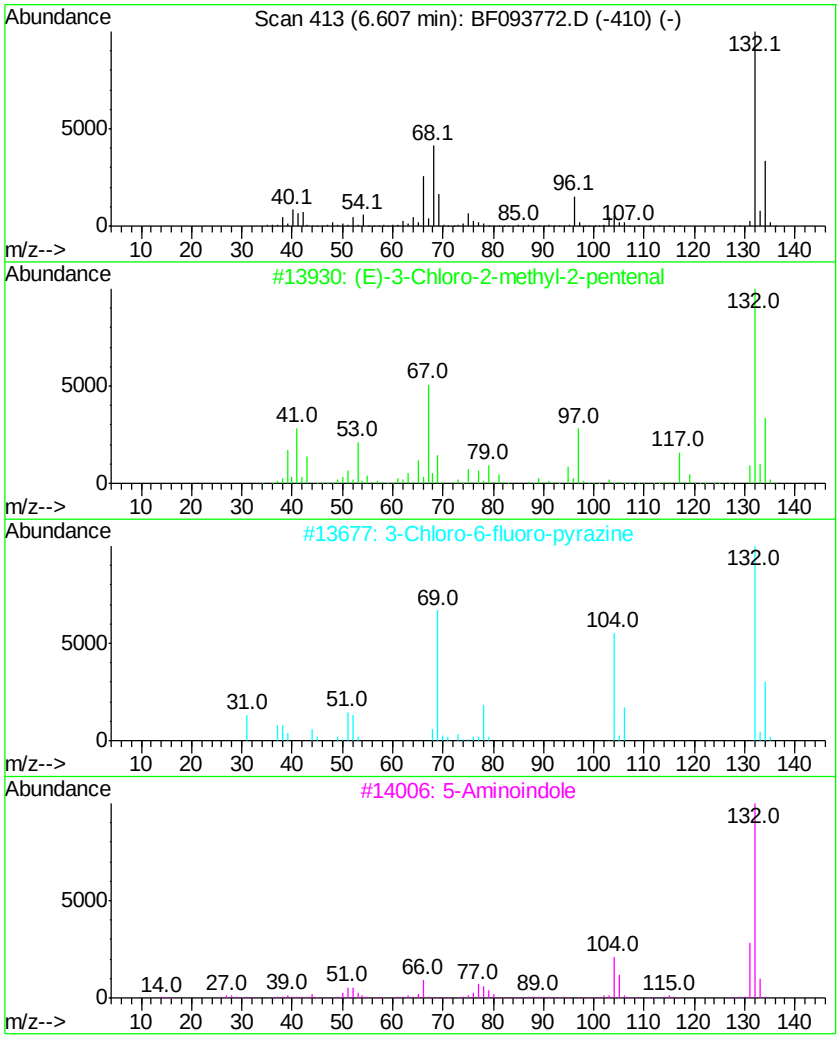
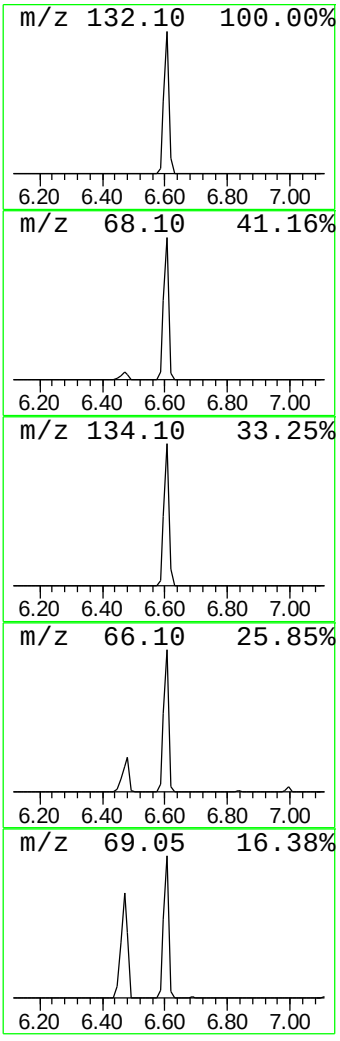
Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	83.06 ng	6160190	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093772.D
Acq On : 20 Mar 2017 18:57
Operator : SJ/MA
Sample : I2304-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SPA-B6(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.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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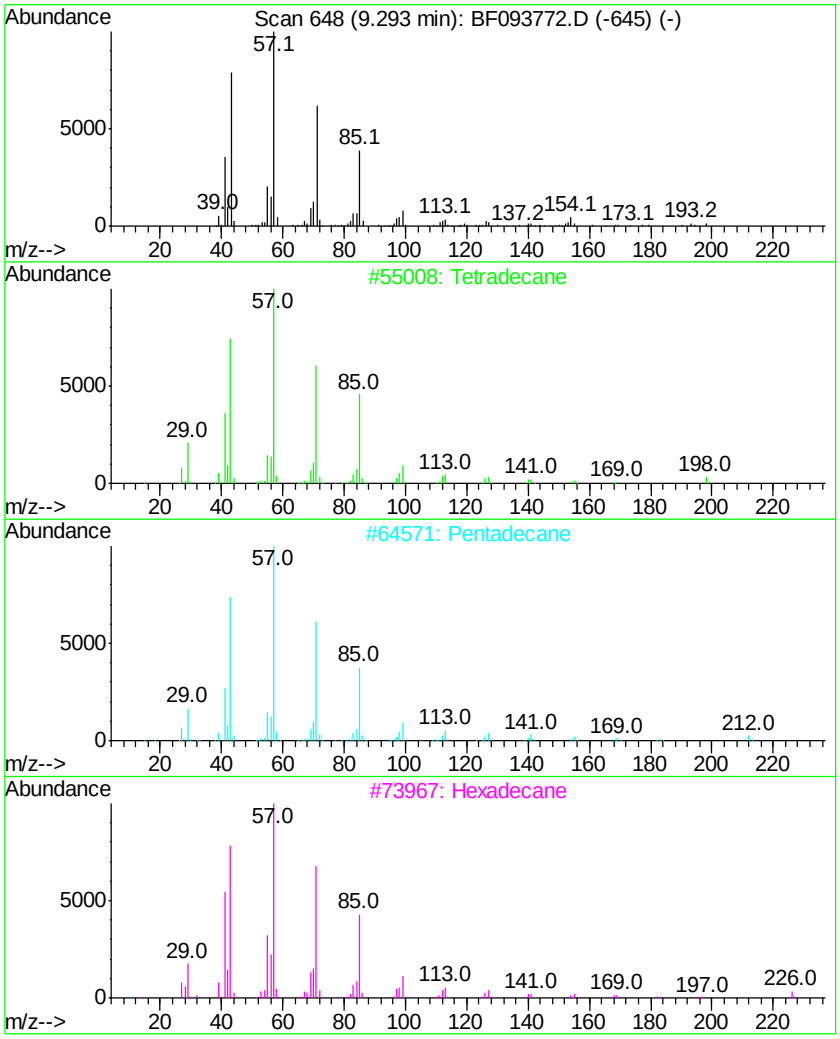
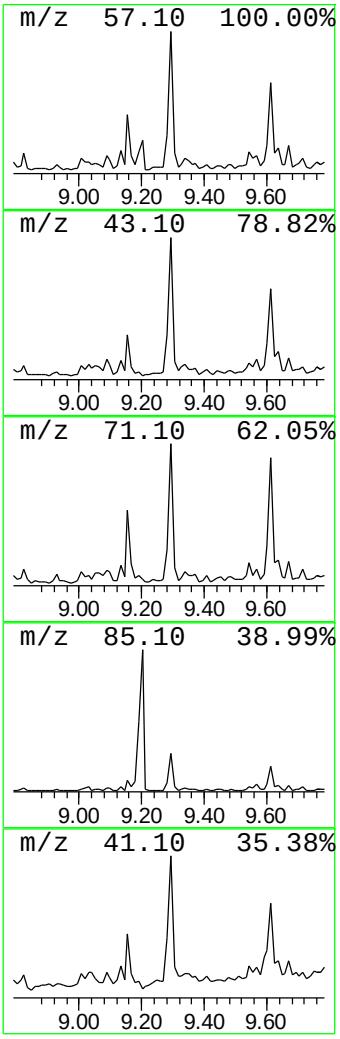
Peak Number 4 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	4.45 ng	488805	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Pentadecane	212	C15H32	000629-62-9	86
3	Hexadecane	226	C16H34	000544-76-3	80
4	Tridecane	184	C13H28	000629-50-5	80
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
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Sample : I2304-11
Misc :
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Instrument : BNA_F
ClientSampleId : SPA-B6(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
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TIC Library : C:\DATABASE\NIST02.L
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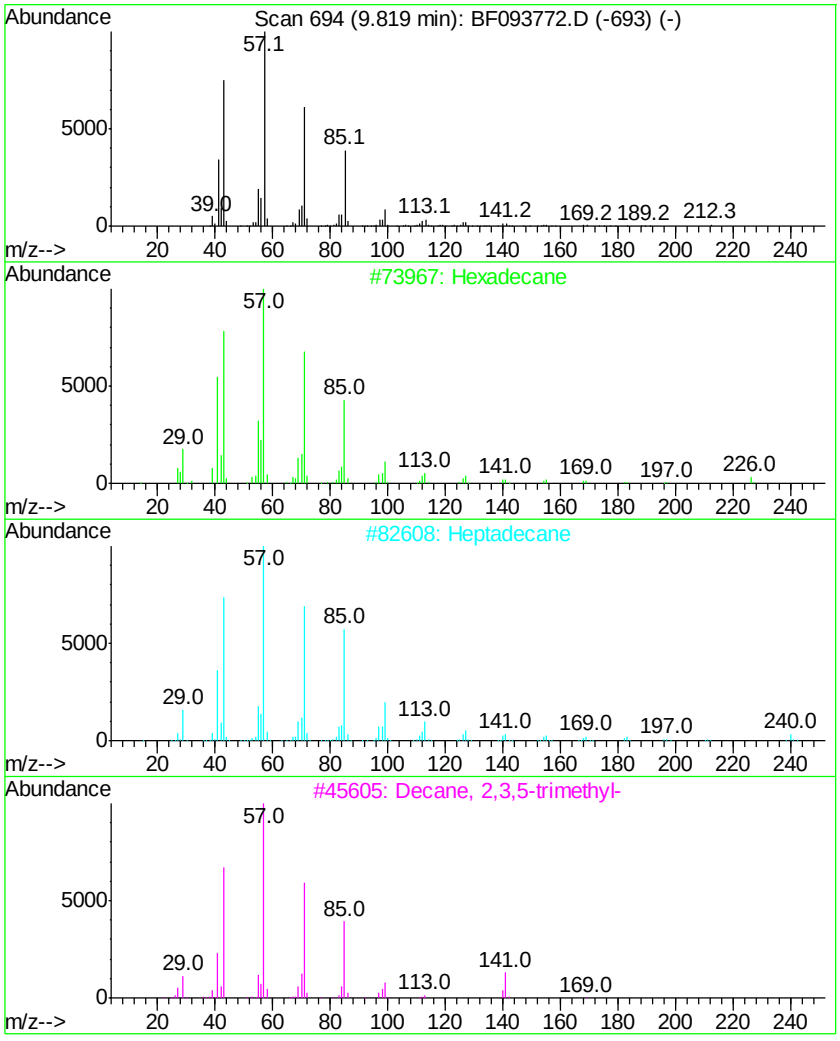
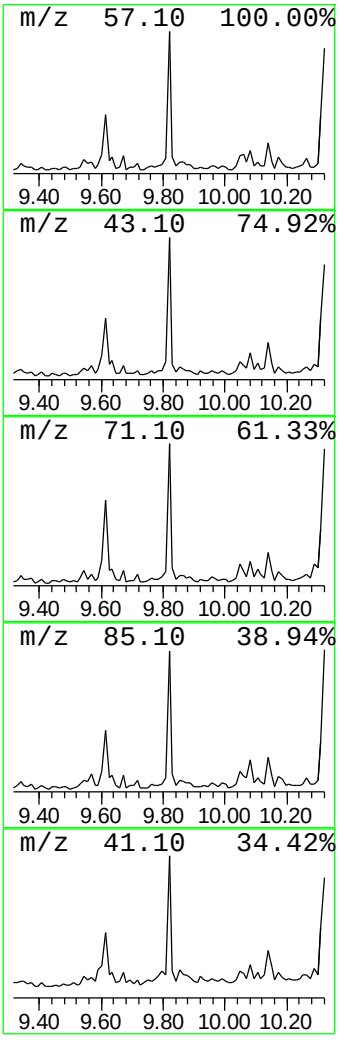
Peak Number 5 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	4.42 ng	484901	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Heptadecane	240	C17H36	000629-78-7	83
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	80
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78





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Instrument : BNA_F
ClientSampleId : SPA-B6(0-5)

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TIC Library : C:\DATABASE\NIST02.L
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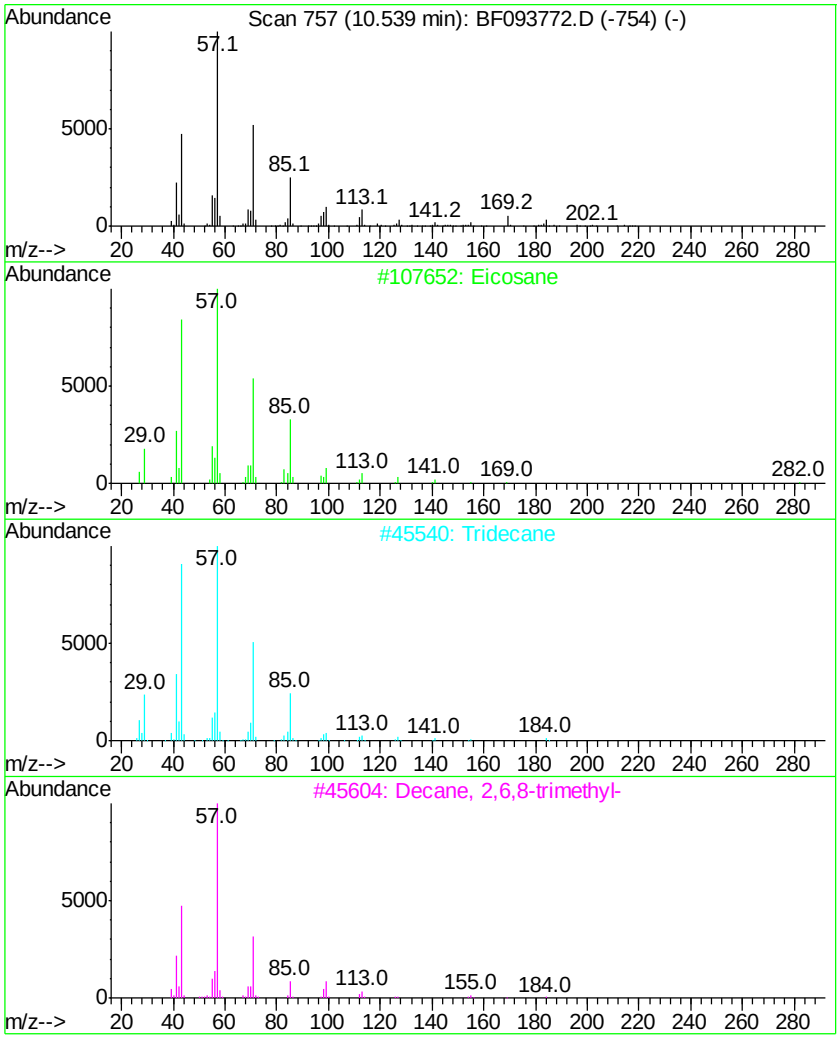
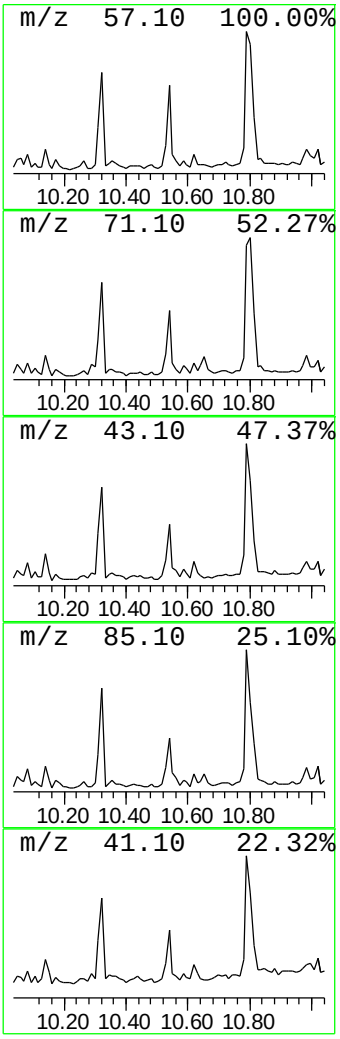
Peak Number 7 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	4.72 ng	518388	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Tridecane	184	C13H28	000629-50-5	80
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
5	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	52





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Sample : I2304-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SPA-B6(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.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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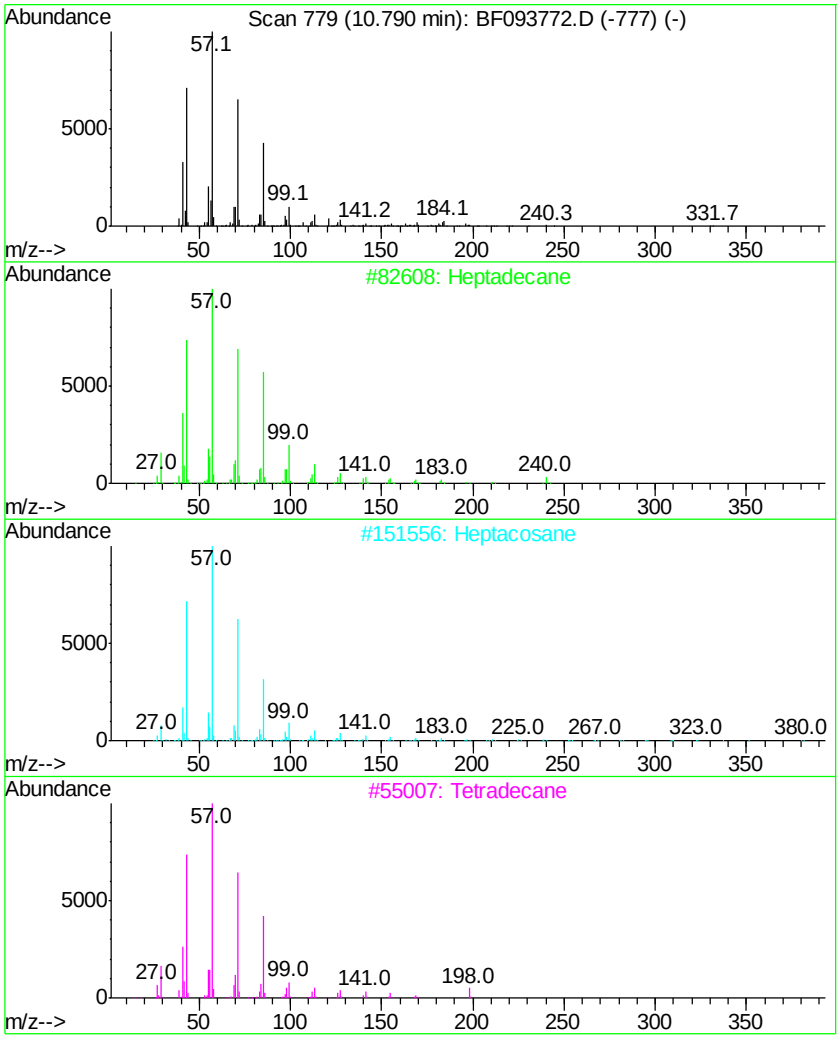
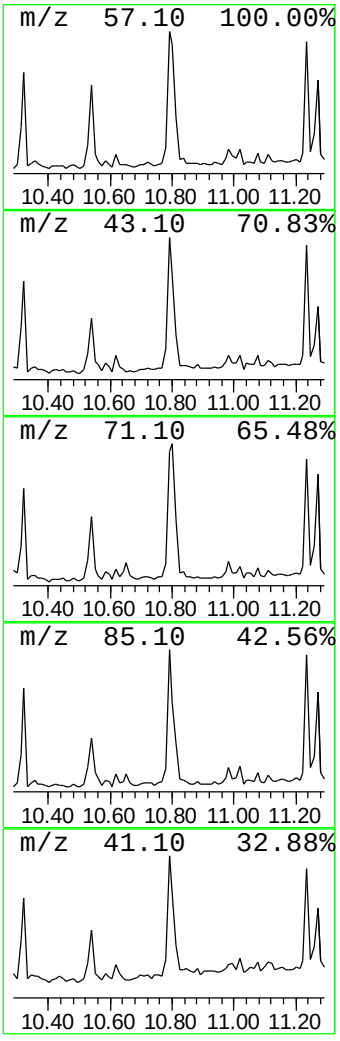
Peak Number 8 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	16.36 ng	1394290	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Heptacosane	380	C27H56	000593-49-7	87
3	Tetradecane	198	C14H30	000629-59-4	87
4	Heneicosane	296	C21H44	000629-94-7	86
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
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Acq On : 20 Mar 2017 18:57
Operator : SJ/MA
Sample : I2304-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SPA-B6(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.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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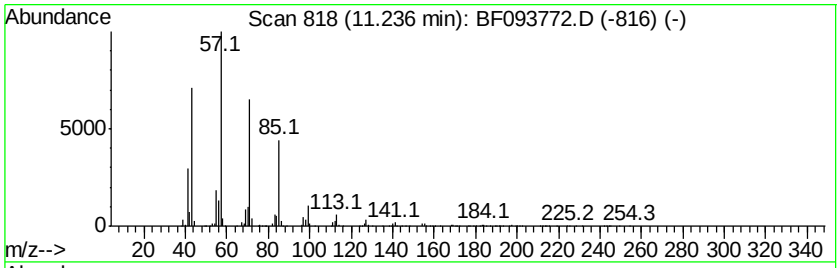
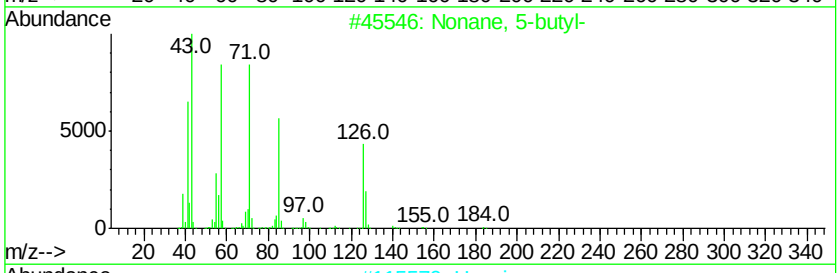
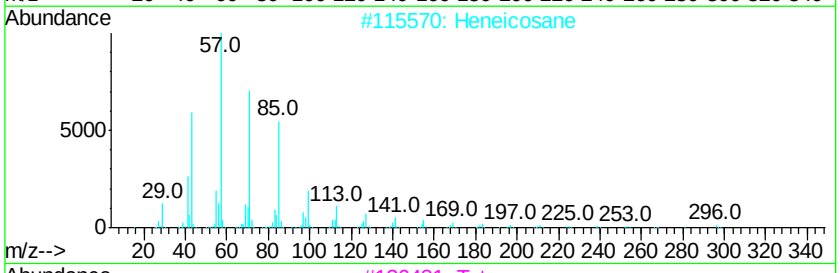
Peak Number 9 Nonane, 5-butyl- Concentration Rank 8

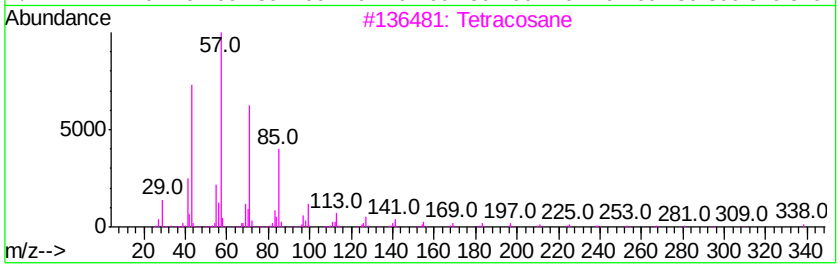
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	6.60 ng	562935	Phenanthrene-d10	11.35

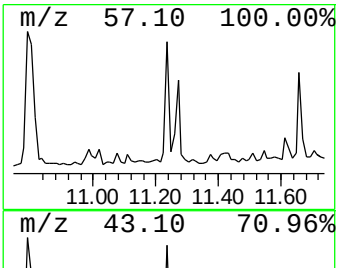
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	94
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Heptadecane	240	C17H36	000629-78-7	90

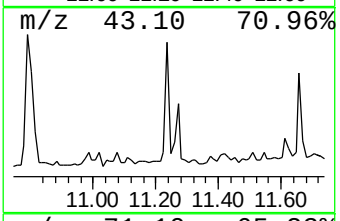


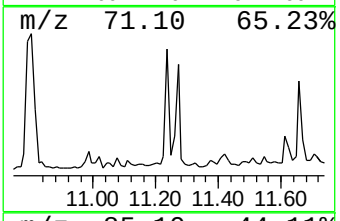


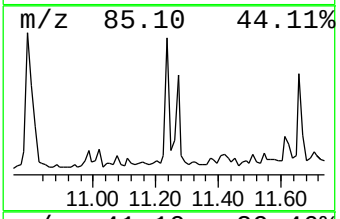


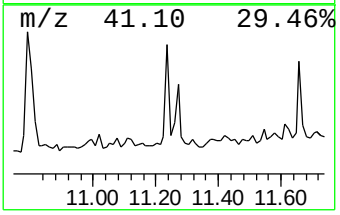












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Acq On : 20 Mar 2017 18:57
Operator : SJ/MA
Sample : I2304-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SPA-B6(0-5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

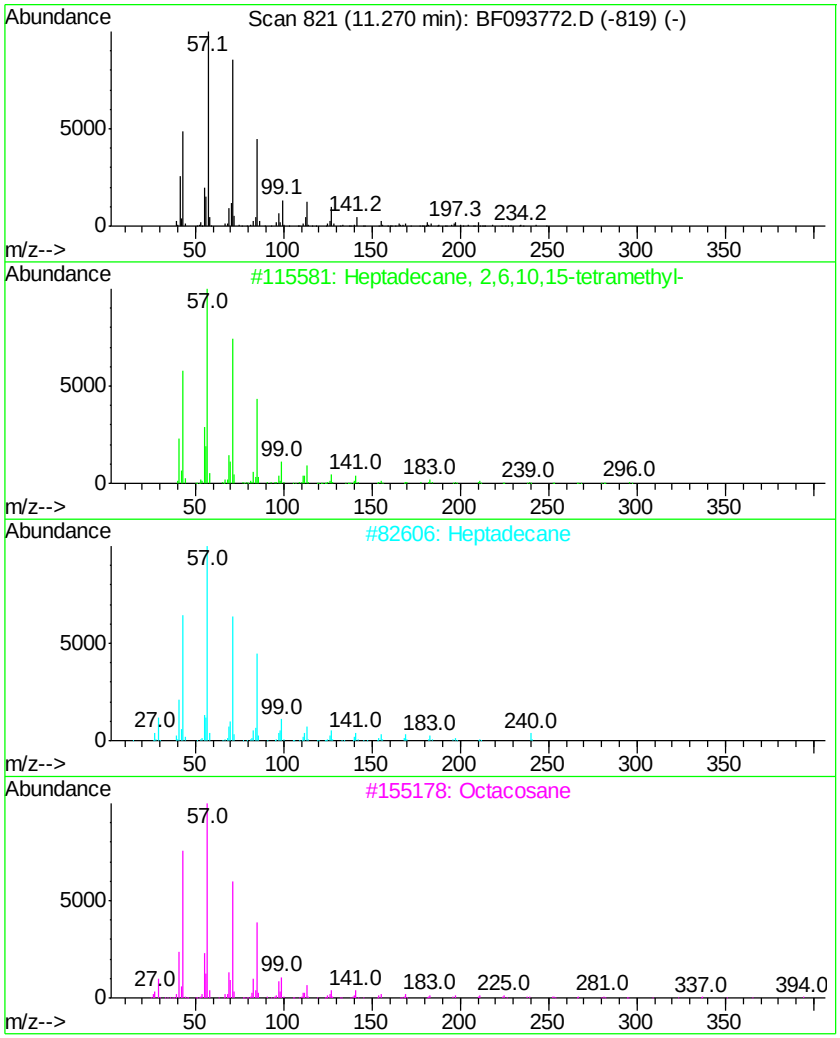
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

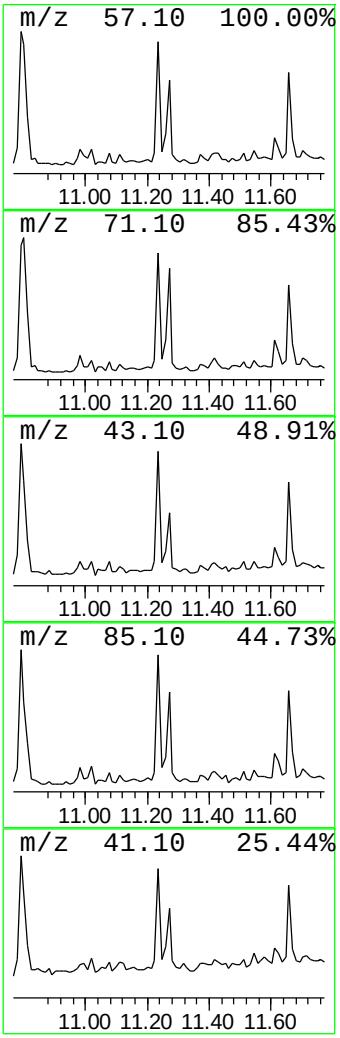
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	6.09 ng	519031	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Octacosane	394	C28H58	000630-02-4	86
4	Tetracosane	338	C24H50	000646-31-1	83
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80





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TIC Library : C:\DATABASE\NIST02.L
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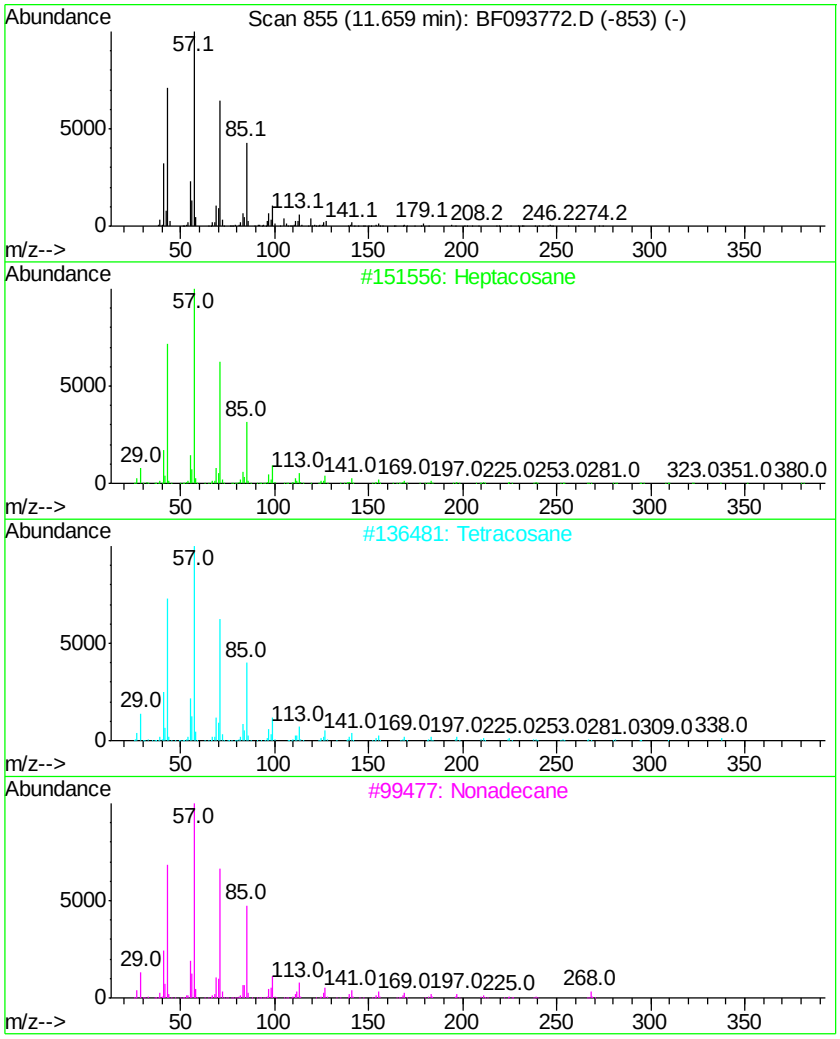
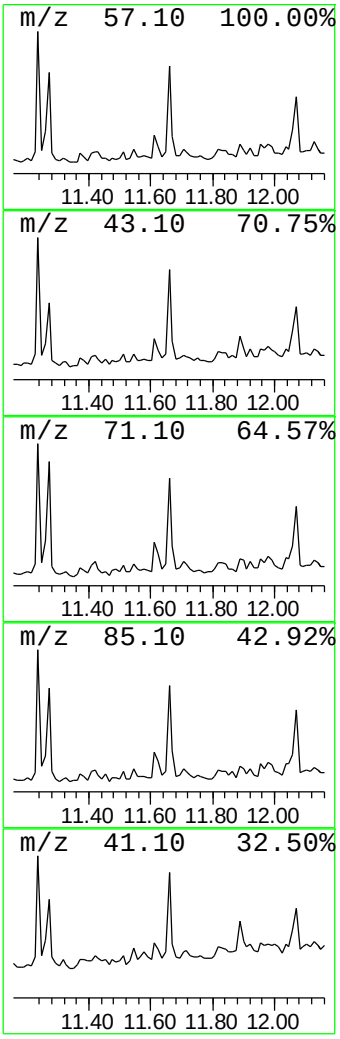
Peak Number 11 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	6.13 ng	522134	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86





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Sample : I2304-11
Misc :
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Instrument : BNA_F
ClientSampleId : SPA-B6(0-5)

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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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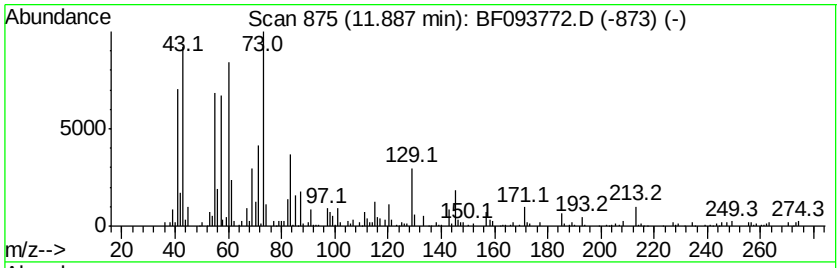
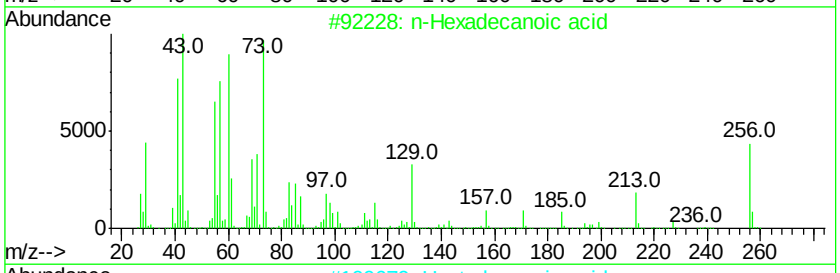
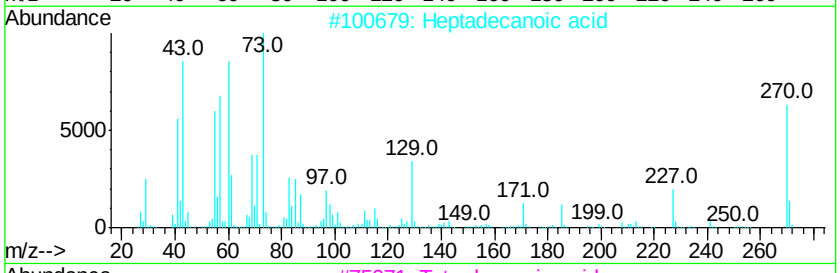
Peak Number 12 n-Hexadecanoic acid Concentration Rank 17

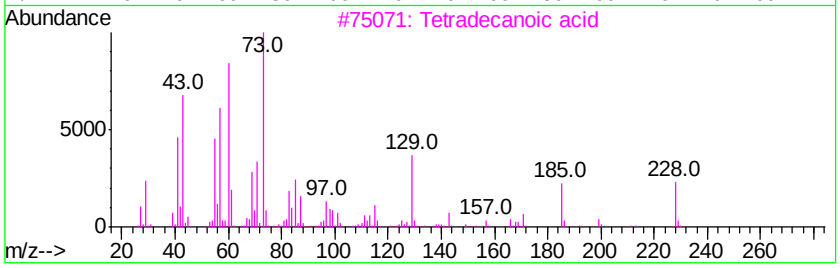
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	3.94 ng	335783	Phenanthrene-d10	11.35

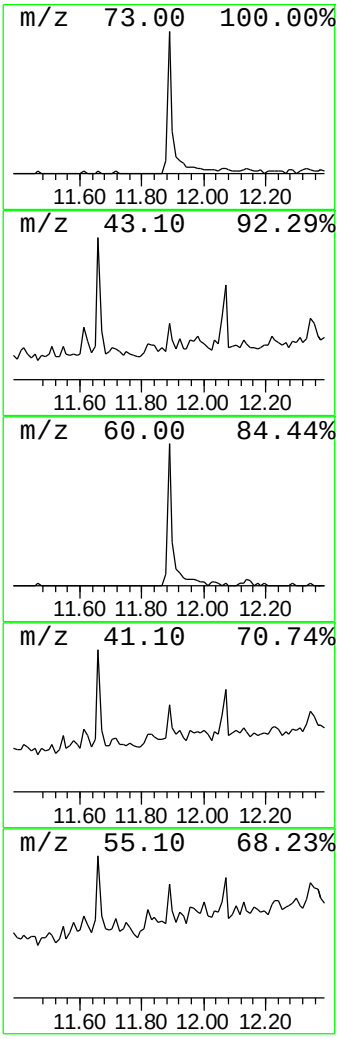
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2	Heptadecanoic acid	270	C17H34O2	000506-12-7	80
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50











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Acq On : 20 Mar 2017 18:57
Operator : SJ/MA
Sample : I2304-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SPA-B6(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.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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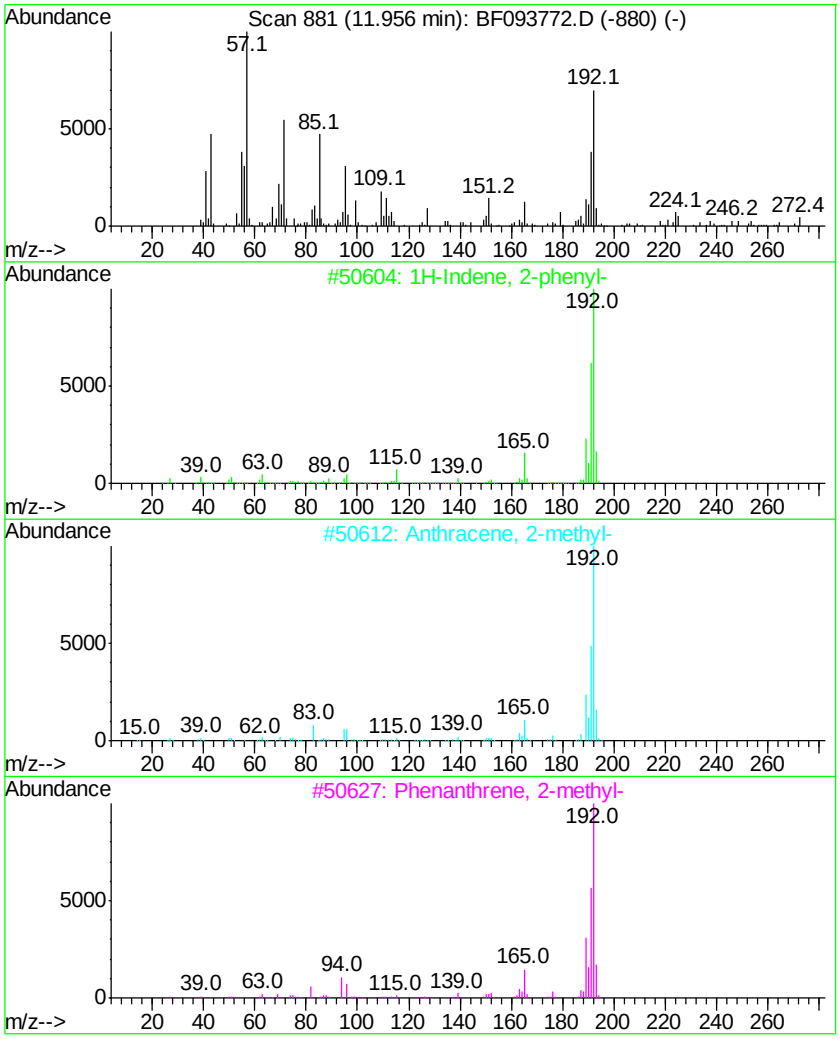
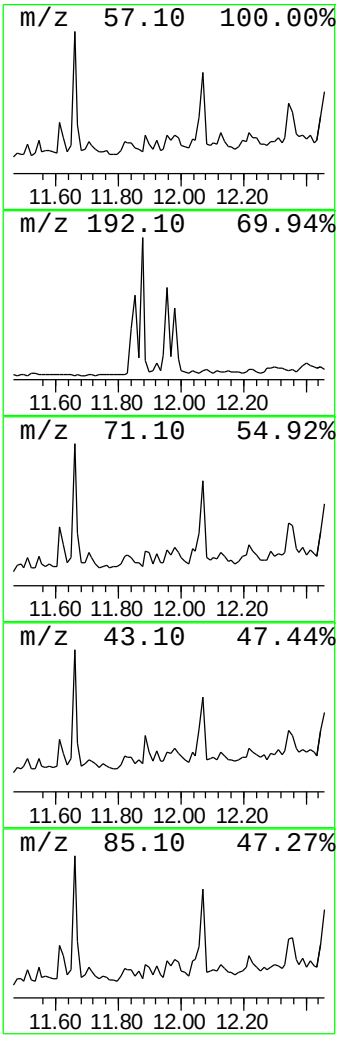
Peak Number 13 unknown11.96 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	4.43 ng	377213	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	46
5	1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	46





Library Search Compound Report

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Acq On : 20 Mar 2017 18:57
Operator : SJ/MA
Sample : I2304-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SPA-B6(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.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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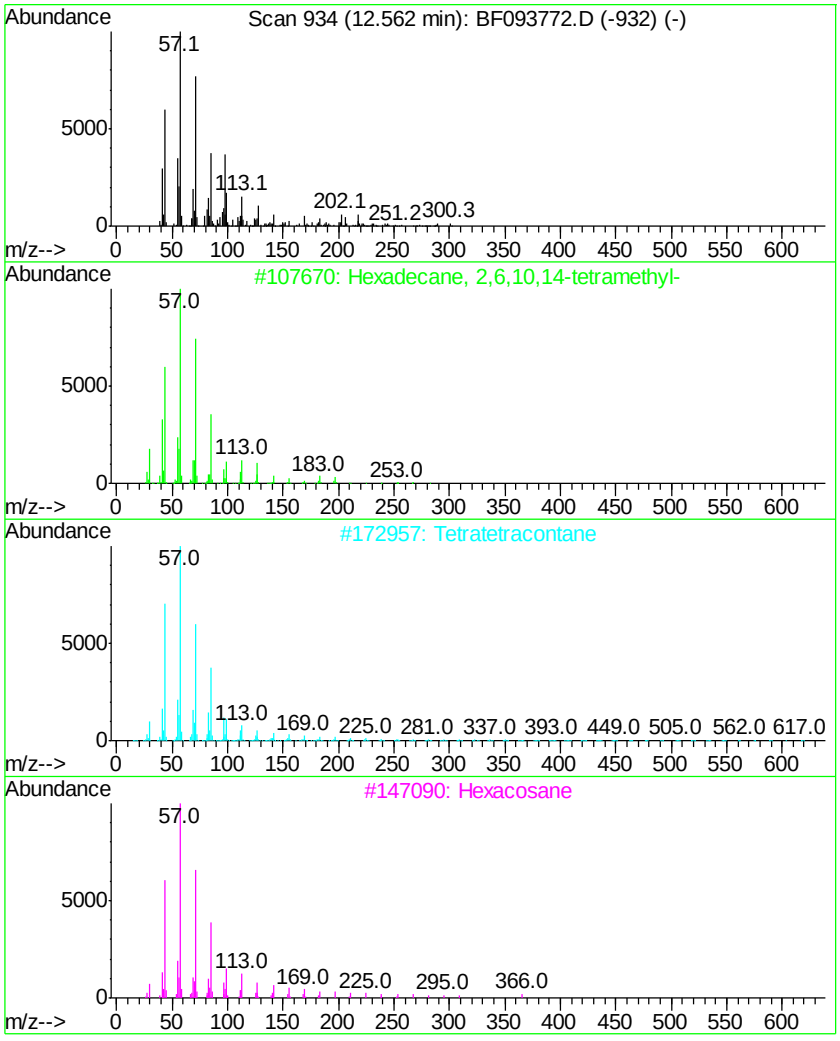
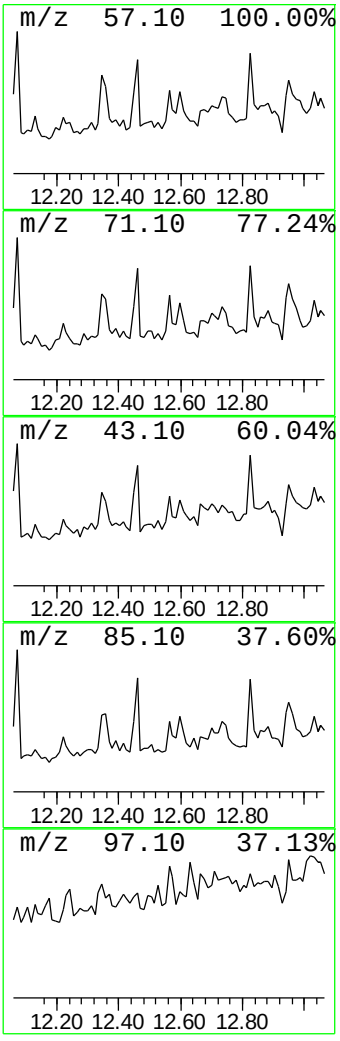
Peak Number 15 Hexadecane, 2,6,10,14-tetra... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	3.01 ng	256127	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Tetratetracontane	619	C44H90	007098-22-8	80
3	Hexacosane	366	C26H54	000630-01-3	74
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	72
5	Heptacosane	380	C27H56	000593-49-7	72





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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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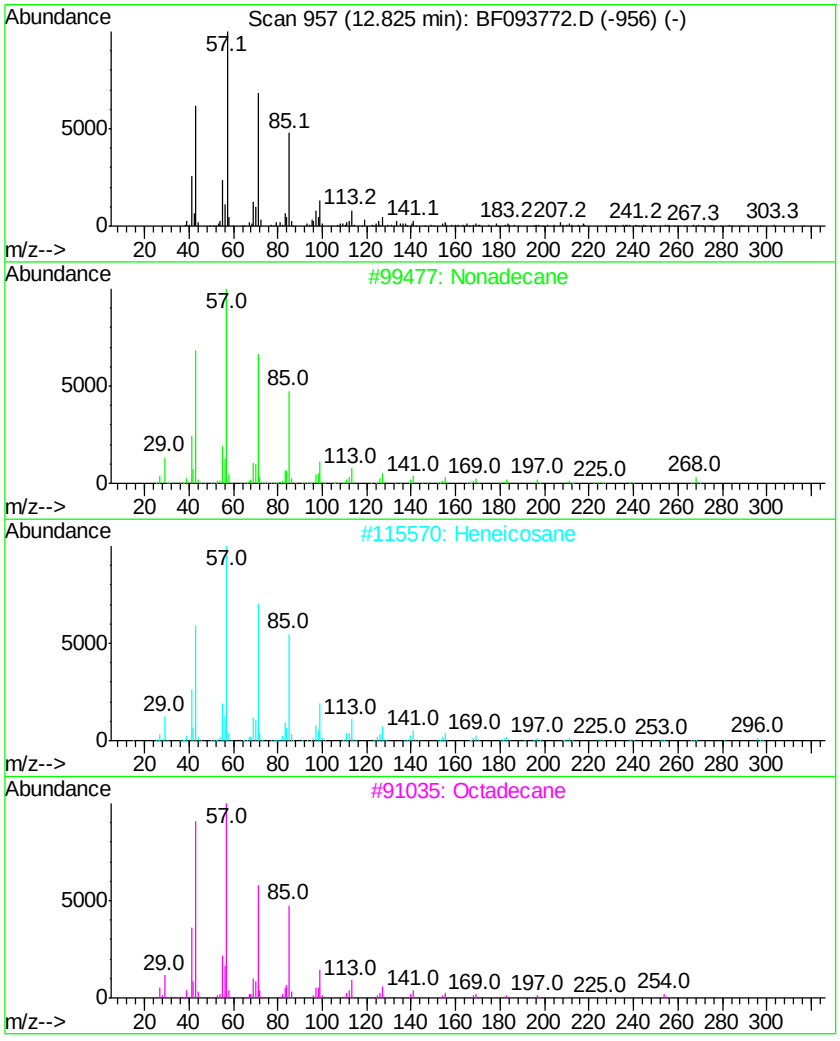
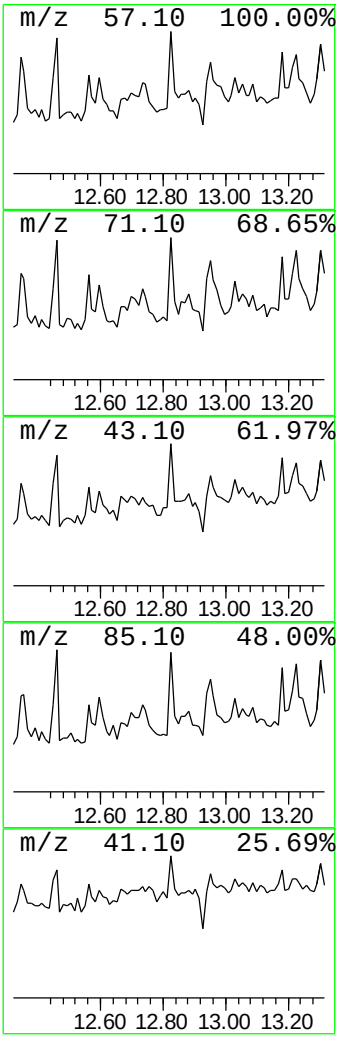
Peak Number 16 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	4.56 ng	248371	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Pentadecane	212	C15H32	000629-62-9	90
5	Heptadecane	240	C17H36	000629-78-7	90





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Sample : I2304-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SPA-B6(0-5)

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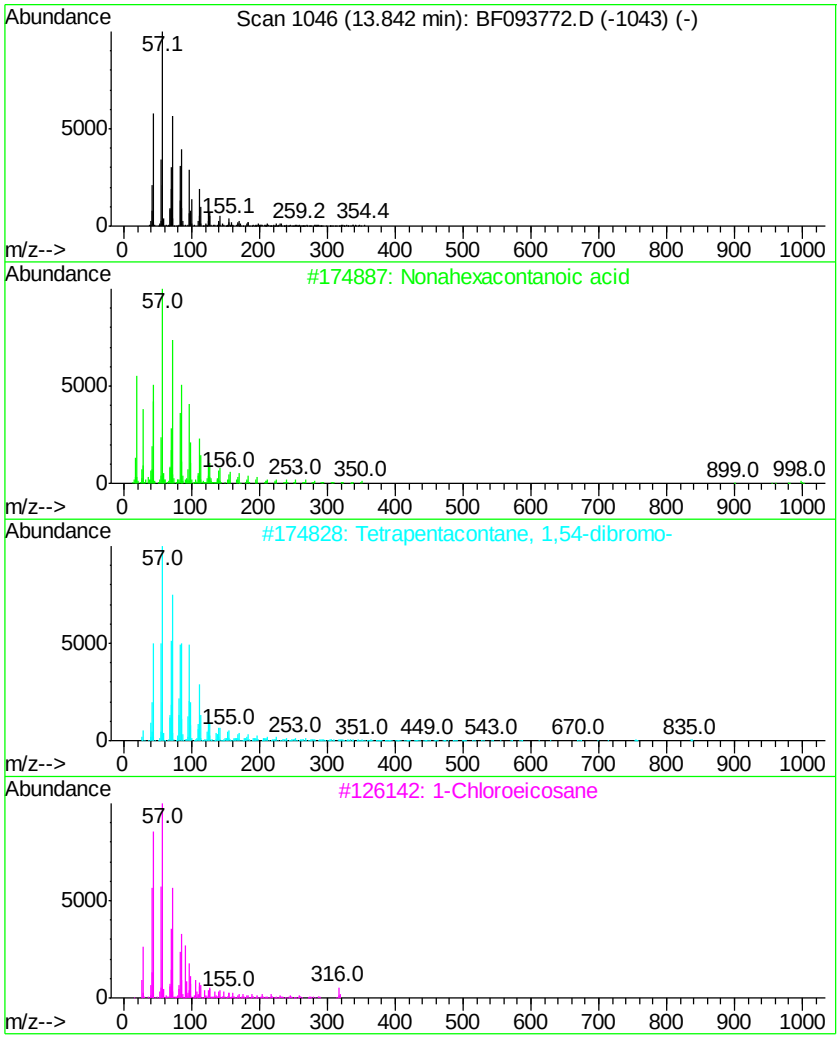
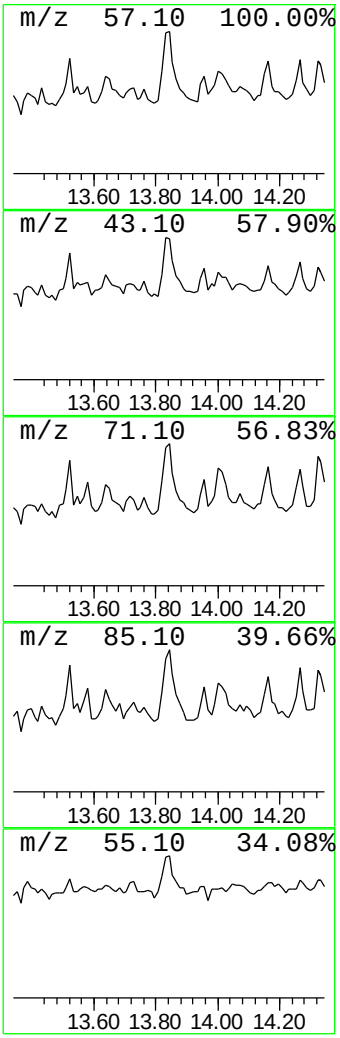
Peak Number 18 Nonahexacontanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	14.89 ng	811484	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonahexacontanoic acid	999	C69H138O2	040710-32-5	87
2	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	87
3	1-Chloroeicosane	316	C20H41Cl	042217-02-7	80
4	Tricosane	324	C23H48	000638-67-5	78
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	76





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Sample : I2304-11
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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SPA-B6(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.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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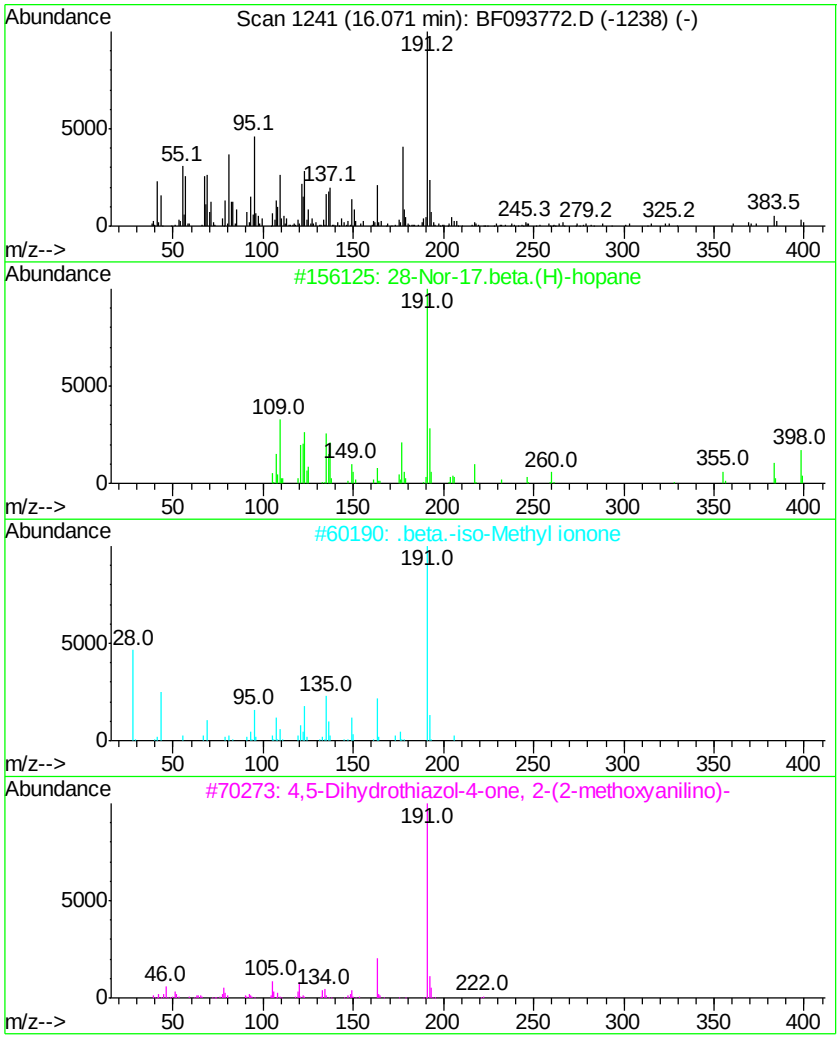
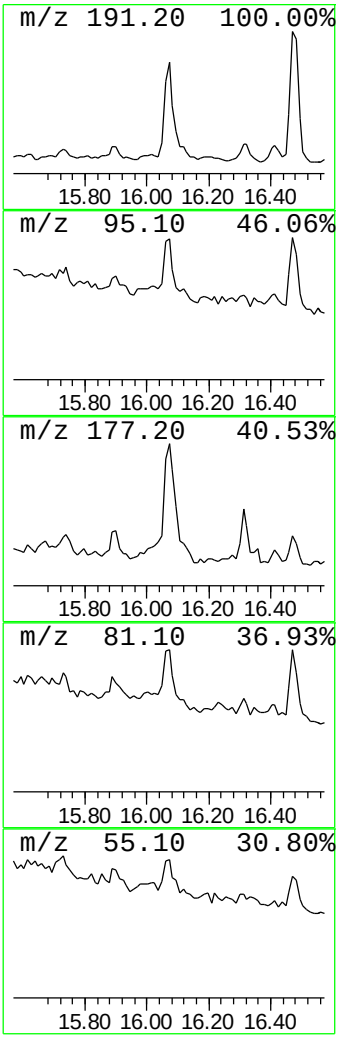
Peak Number 19 28-Nor-17.beta.(H)-hopane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	13.46 ng	739477	Perylene-d12	15.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	70
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	43
3	4,5-Dihydrothiazol-4-one, 2-(2-m...	222	C10H10N2O2S	022476-61-5	27
4	(7a-Isopropenyl-4,5-dimethylocta...	222	C15H26O	1000187-02-9	25
5	2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	25





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Instrument : BNA_F
ClientSampleId : SPA-B6(0-5)

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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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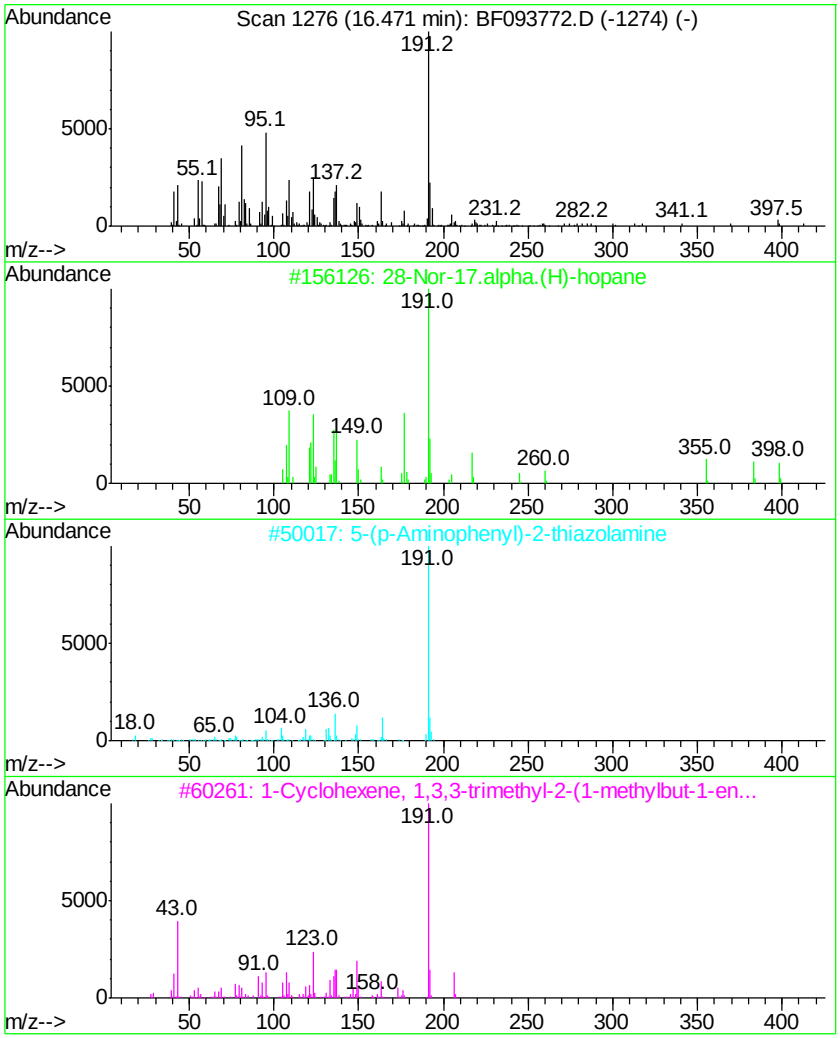
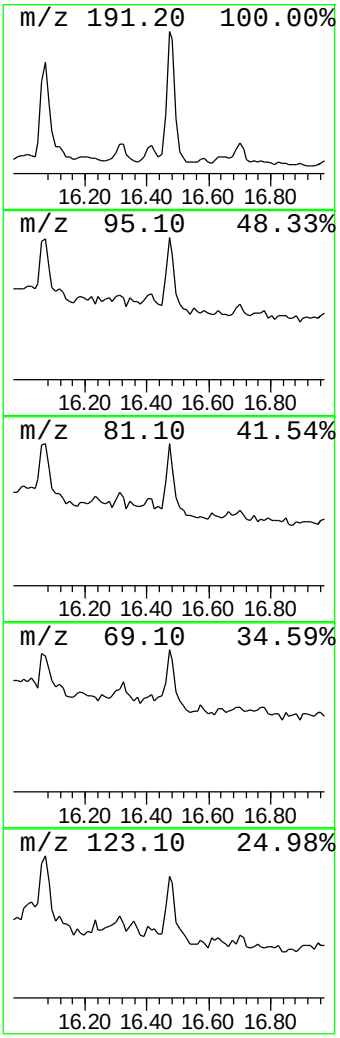
Peak Number 20 28-Nor-17.alpha.(H)-hopane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	10.75 ng	590911	Perylene-d12	15.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	50
2	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	43
3	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	40
4	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	37
5	Propanamide, N-(2,3-dihydro-3-me...	220	C11H12N2OS	332413-15-7	32





Tentatively Identified Compound (LSC) summary

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Data File : BF093772.D
Acq On : 20 Mar 2017 18:57
Operator : SJ/MA
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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...	5.03	20.7	ng	1534230	1	6.84	1483240	20.0
unknown6.61	6.61	83.1	ng	6160190	1	6.84	1483240	20.0
Tetradecane	9.29	4.5	ng	488805	3	9.88	2194980	20.0
Hexadecane	9.82	4.4	ng	484901	3	9.88	2194980	20.0
Eicosane	10.54	4.7	ng	518388	3	9.88	2194980	20.0
Heptadecane	10.79	16.4	ng	1394290	4	11.35	1704600	20.0
Nonane, 5-butyl-	11.24	6.6	ng	562935	4	11.35	1704600	20.0
Heptadecane, 2,6,...	11.27	6.1	ng	519031	4	11.35	1704600	20.0
Heptacosane	11.66	6.1	ng	522134	4	11.35	1704600	20.0
n-Hexadecanoic acid	11.89	3.9	ng	335783	4	11.35	1704600	20.0
unknown11.96	11.96	4.4	ng	377213	4	11.35	1704600	20.0
Hexadecane, 2,6,1...	12.56	3.0	ng	256127	4	11.35	1704600	20.0
Nonadecane	12.82	4.6	ng	248371	5	13.97	1089970	20.0
Nonahexacontanoic...	13.84	14.9	ng	811484	5	13.97	1089970	20.0
28-Nor-17.beta.(H...	16.07	13.5	ng	739477	6	15.38	1098930	20.0
28-Nor-17.alpha.(...	16.47	10.8	ng	590911	6	15.38	1098930	20.0