LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086048.D
Acq On : 4 Apr 2016 20:18
Operator : UM/SJ
Sample : H2180-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK2-5-20160401

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-BF040216.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	4.944	248	250	256	rBV	40296	66099	2.54%	0.168%
2	5.356	284	286	289	rBV	1595478	2265226	86.93%	5.767%
3	6.419	376	379	381	rBV	2071774	2509152	96.29%	6.387%
4	6.533	387	389	392	rVV	2518971	2284568	87.67%	5.816%
5	6.601	392	395	397	rVB	15756	29785	1.14%	0.076%
6	6.762	407	409	411	rBV	805912	701361	26.91%	1.785%
7	6.922	420	423	425	rBV	1610354	1917669	73.59%	4.882%
8	7.333	457	459	461	rBV	1652033	1604527	61.57%	4.085%
9	7.367	461	462	464	rVV	38110	34146	1.31%	0.087%
10	7.413	464	466	474	rVB2	17870	39768	1.53%	0.101%
11	7.802	496	500	503	rBV2	24228	50760	1.95%	0.129%
12	8.042	519	521	526	rBV	676960	953372	36.59%	2.427%
13	8.407	551	553	556	rBV2	17556	35708	1.37%	0.091%
14	8.476	556	559	563	rVB2	23720	47731	1.83%	0.122%
15	8.647	571	574	575	rBV	38033	50237	1.93%	0.128%
16	8.762	582	584	586	rVV	104373	75561	2.90%	0.192%
17	8.853	588	592	597	rBV2	42452	95478	3.66%	0.243%
18	9.070	609	611	613	rVB	62902	56471	2.17%	0.144%
19	9.127	613	616	618	rBV	2556154	2605842	100.00%	6.634%
20	9.207	620	623	625	rBV	125355	155087	5.95%	0.395%
21	9.390	636	639	641	rBV	53284	80753	3.10%	0.206%
22	9.459	643	645	646	rVV2	66310	64950	2.49%	0.165%
23	9.482	646	647	648	rVV	48321	51180	1.96%	0.130%
24	9.527	648	651	652	rVV2	289533	417020	16.00%	1.062%
25	9.585	654	656	657	rVB2	31055	33954	1.30%	0.086%
26	9.665	661	663	665	rBV	131458	170477	6.54%	0.434%
27	9.710	665	667	668	rVV	31922	37991	1.46%	0.097%
28	9.733	668	669	671	rVB	266951	212922	8.17%	0.542%
29	9.802	671	675	676	rBV	900810	945077	36.27%	2.406%
30	9.836	676	678	680	rVB	59988	70683	2.71%	0.180%
31	9.905	683	684	686	rVB2	41819	41351	1.59%	0.105%
32	9.962	686	689	691	rBV3	68007	148352	5.69%	0.378%
33	9.996	691	692	695	rVV2	91427	145689	5.59%	0.371%
34	10.053	695	697	699	rVB3	118196	132318	5.08%	0.337%

LSC Area Percent Report

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Data File : BF086048.D
Acq On : 4 Apr 2016 20:18
Operator : UM/SJ
Sample : H2180-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK2-5-20160401

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-BF040216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.168	705	707	709	rBV3	33084	53179	2.04%	0.135%
36	10.236	709	713	714	rBV	450131	495363	19.01%	1.261%
37	10.259	714	715	720	rVB4	42025	94793	3.64%	0.241%
38	10.350	720	723	725	rBV3	78968	130149	4.99%	0.331%
39	10.453	729	732	735	rBV	469505	580747	22.29%	1.478%
40	10.499	735	736	738	rVB	55405	73055	2.80%	0.186%
41	10.533	738	739	741	rBV2	80329	100876	3.87%	0.257%
42	10.590	741	744	746	rBV	1326349	1357924	52.11%	3.457%
43	10.716	752	755	759	rVB	797506	1238253	47.52%	3.152%
44	10.899	769	771	773	rBV2	97805	162929	6.25%	0.415%
45	11.151	791	793	794	rBV	459431	402062	15.43%	1.024%
46	11.185	794	796	799	rVB	490024	496177	19.04%	1.263%
47	11.288	803	805	806	rBV	639531	941449	36.13%	2.397%
48	11.356	810	811	813	rVB	169869	159932	6.14%	0.407%
49	11.402	813	815	816	rBV2	82504	118119	4.53%	0.301%
50	11.528	824	826	828	rVB2	127660	177744	6.82%	0.452%
51	11.573	828	830	832	rVB	312018	376221	14.44%	0.958%
52	11.779	847	848	850	rBV	80377	97829	3.75%	0.249%
53	11.813	850	851	854	rVV2	355483	450285	17.28%	1.146%
54	11.893	857	858	862	rVB2	184239	276643	10.62%	0.704%
55	11.985	864	866	868	rVB	311469	264796	10.16%	0.674%
56	12.111	875	877	878	rBV	120843	96724	3.71%	0.246%
57	12.259	889	890	895	rVB	79267	126865	4.87%	0.323%
58	12.328	895	896	898	rVV	71641	114889	4.41%	0.292%
59	12.374	898	900	902	rVB	212245	211297	8.11%	0.538%
60	12.419	903	904	908	rVB2	78811	92603	3.55%	0.236%
61	12.499	908	911	912	rBV	796909	947436	36.36%	2.412%
62	12.556	912	916	917	rVB4	67857	154307	5.92%	0.393%
63	12.602	917	920	922	rBV2	175572	291419	11.18%	0.742%
64	12.682	925	927	928	rBV	48081	45553	1.75%	0.116%
65	12.728	928	931	934	rVB	659573	1066517	40.93%	2.715%
66	12.808	936	938	940	rVB	858128	816203	31.32%	2.078%
67	12.865	941	943	946	rVV	1797529	1752528	67.25%	4.461%
68	12.945	948	950	952	rBV2	53608	65807	2.53%	0.168%
69	13.048	956	959	961	rVB2	77929	150766	5.79%	0.384%
70	13.139	965	967	972	rVB	1037148	1451750	55.71%	3.696%
71	13.242	975	976	978	rBV	132591	120180	4.61%	0.306%

LSC Area Percent Report

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Data File : BF086048.D
Acq On : 4 Apr 2016 20:18
Operator : UM/SJ
Sample : H2180-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK2-5-20160401

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-BF040216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.436	991	993	995	rBV	791230	703383	26.99%	1.791%
73	13.562	1002	1004	1007	rBV	132177	126110	4.84%	0.321%
74	13.665	1011	1013	1014	rBV	102167	122121	4.69%	0.311%
75	13.768	1020	1022	1026	rVB2	233457	305893	11.74%	0.779%
76	13.917	1031	1035	1037	rBV3	831995	1498862	57.52%	3.816%
77	14.305	1067	1069	1071	rVB	81382	83325	3.20%	0.212%
78	14.442	1079	1081	1083	rVB3	95820	137796	5.29%	0.351%
79	14.934	1121	1124	1128	rBV	435377	797329	30.60%	2.030%
80	15.208	1146	1148	1151	rVV	237810	291560	11.19%	0.742%
81	15.265	1151	1153	1156	rVV	290070	372844	14.31%	0.949%
82	15.322	1156	1158	1165	rVB2	371303	623181	23.91%	1.586%
83	16.683	1274	1277	1284	rVB	148538	310310	11.91%	0.790%
84	17.094	1310	1313	1319	rVB	106383	224908	8.63%	0.573%

Sum of corrected areas: 39282256

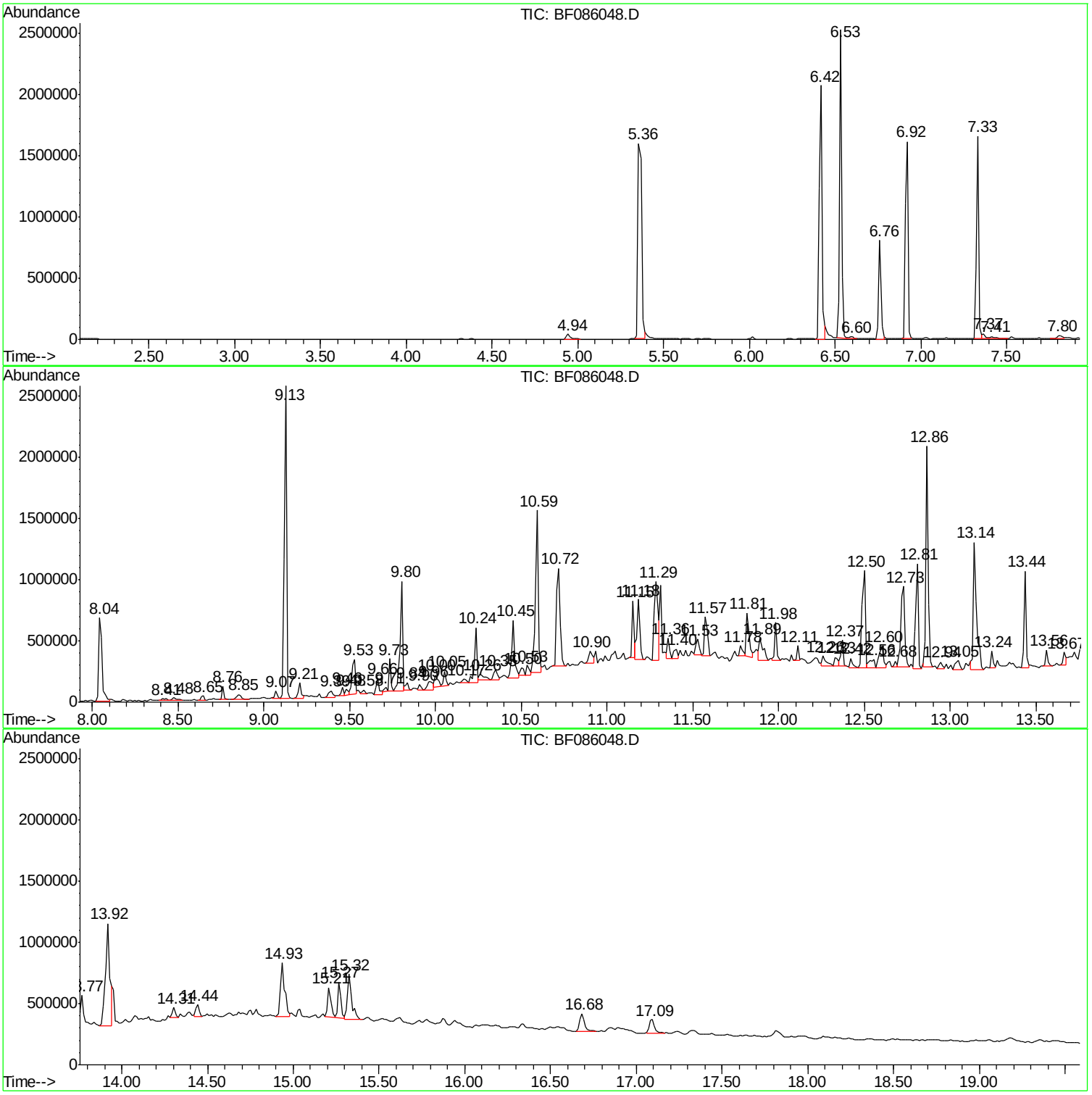
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086048.D
Acq On : 4 Apr 2016 20:18
Operator : UM/SJ
Sample : H2180-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK2-5-20160401

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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\BF040416\
Data File : BF086048.D
Acq On : 4 Apr 2016 20:18
Operator : UM/SJ
Sample : H2180-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK2-5-20160401

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

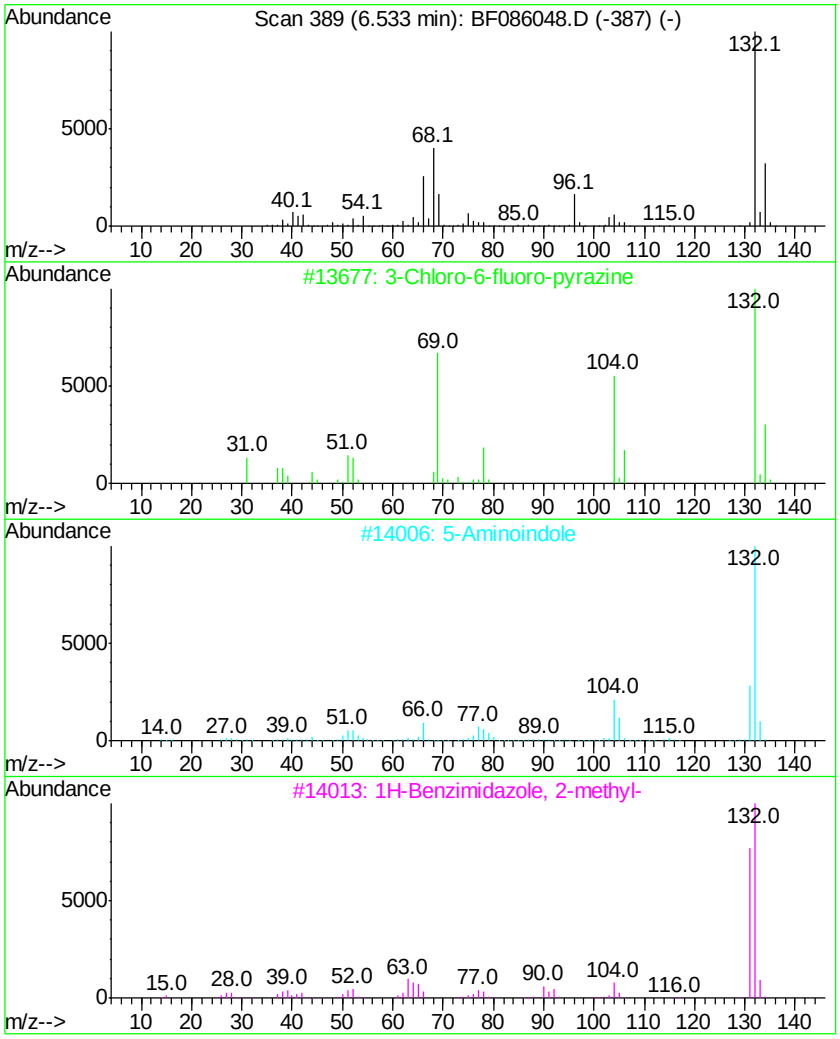
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

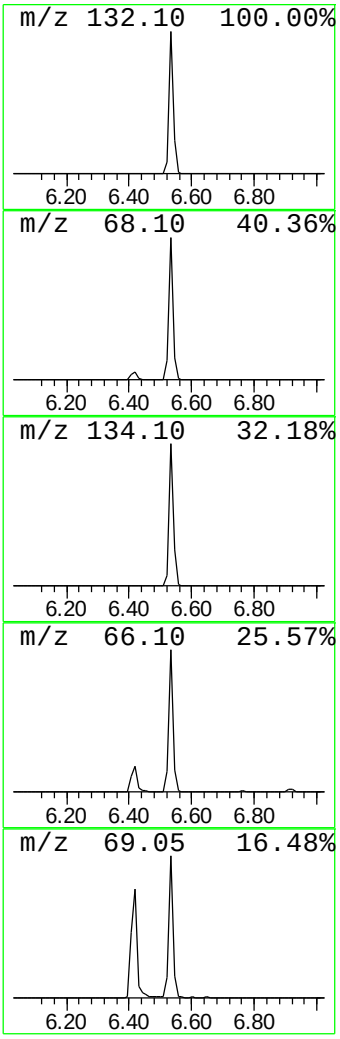
****

Peak Number 1 unknown6.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	65.15 ng	2284570	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Data File : BF086048.D
Acq On : 4 Apr 2016 20:18
Operator : UM/SJ
Sample : H2180-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK2-5-20160401

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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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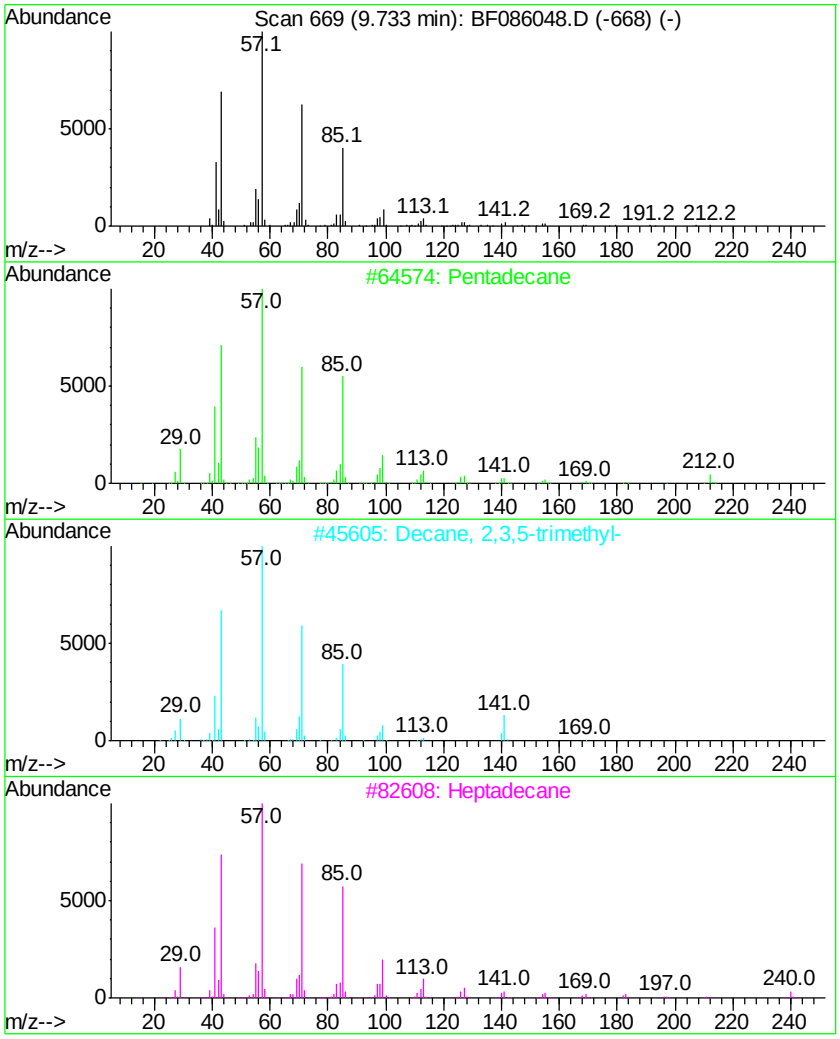
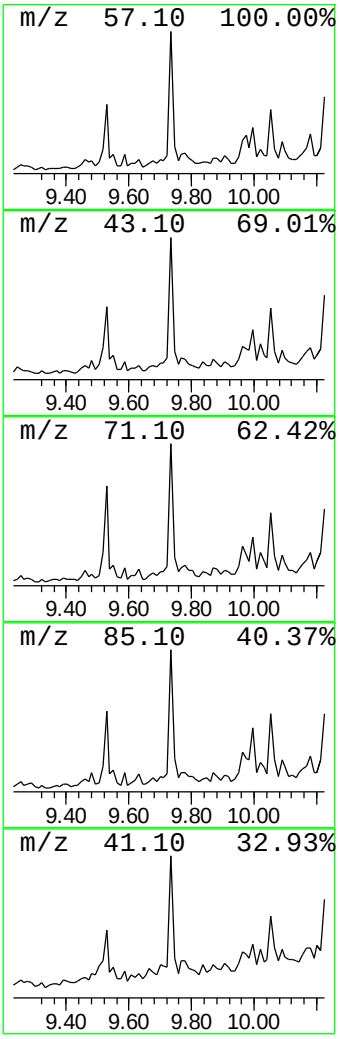
Peak Number 3 Pentadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	4.51 ng	212922	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3	Heptadecane	240	C17H36	000629-78-7	83
4	Eicosane	282	C20H42	000112-95-8	83
5	Tetradecane	198	C14H30	000629-59-4	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086048.D
Acq On : 4 Apr 2016 20:18
Operator : UM/SJ
Sample : H2180-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK2-5-20160401

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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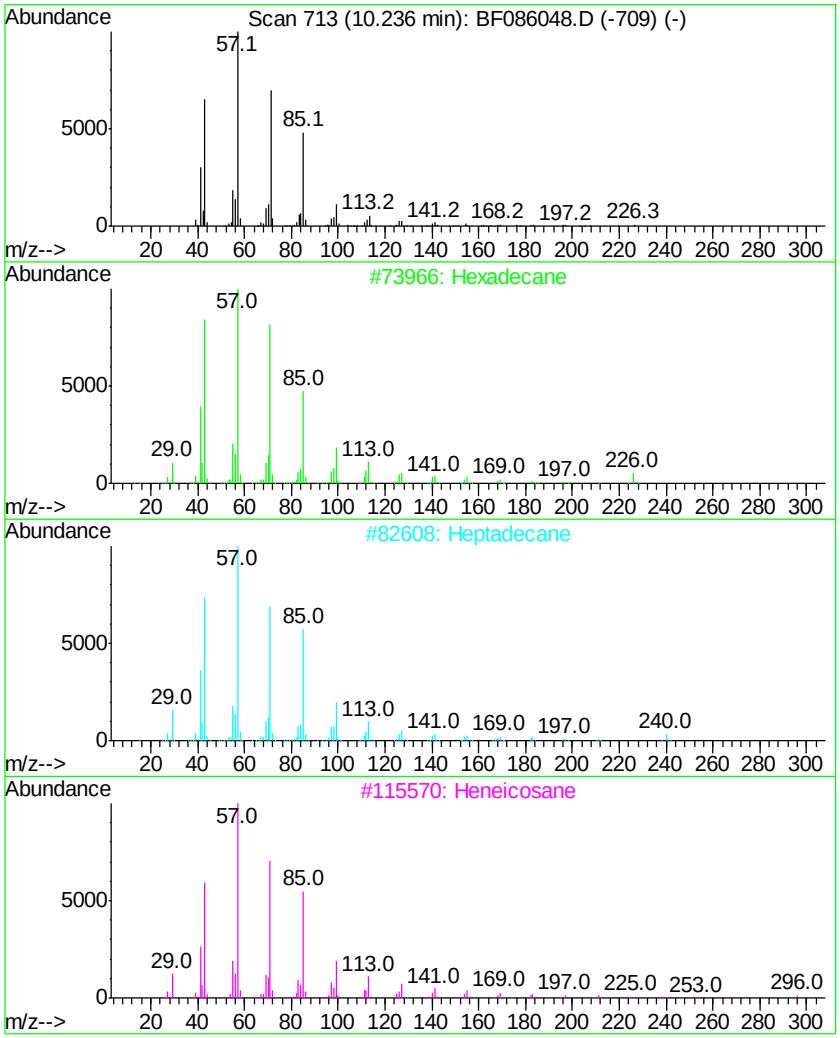
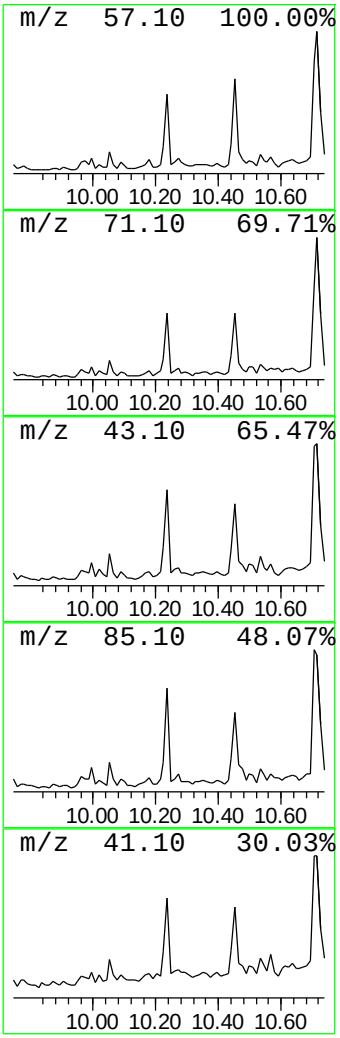
Peak Number 4 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	10.48 ng	495363	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heptadecane	240	C17H36	000629-78-7	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
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Acq On : 4 Apr 2016 20:18
Operator : UM/SJ
Sample : H2180-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK2-5-20160401

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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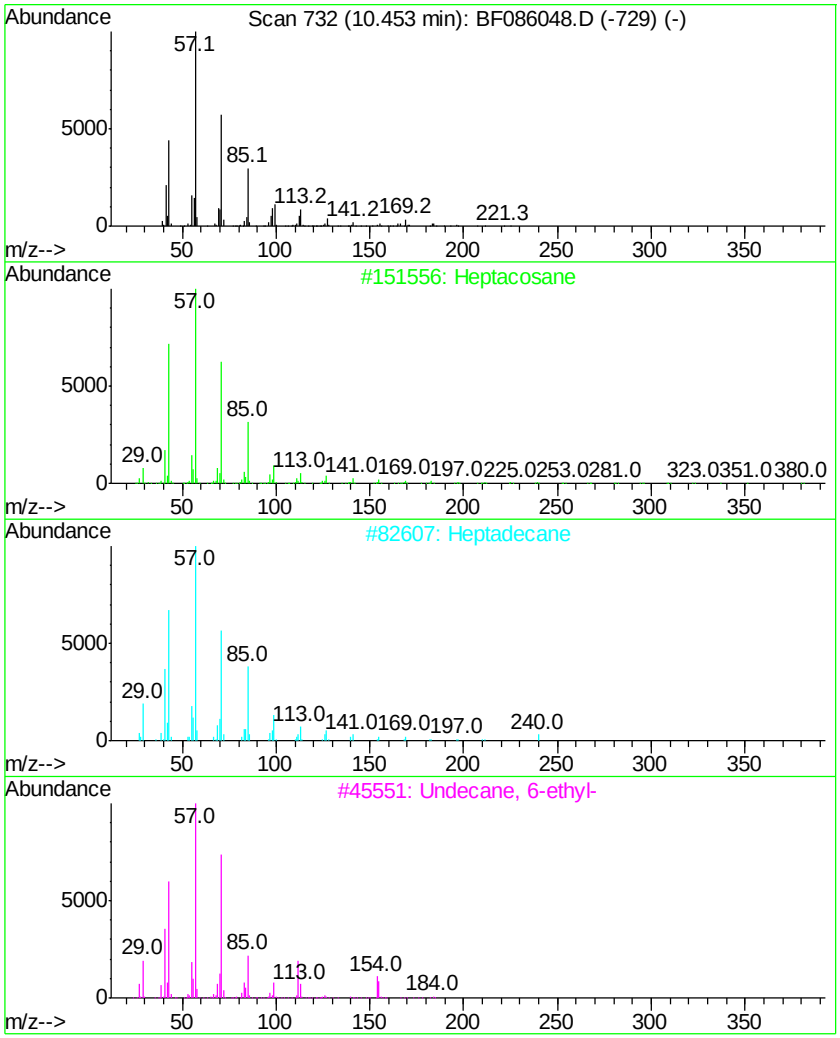
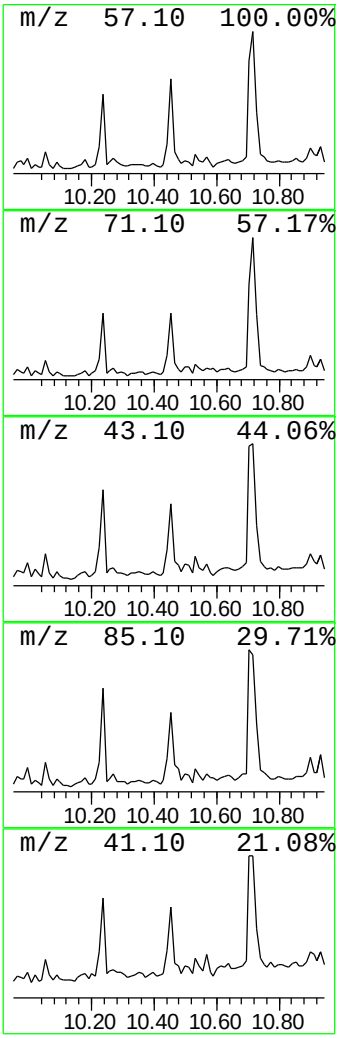
Peak Number 5 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	12.29 ng	580747	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	Heptadecane	240	C17H36	000629-78-7	78
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	76
4	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64





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Operator : UM/SJ
Sample : H2180-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK2-5-20160401

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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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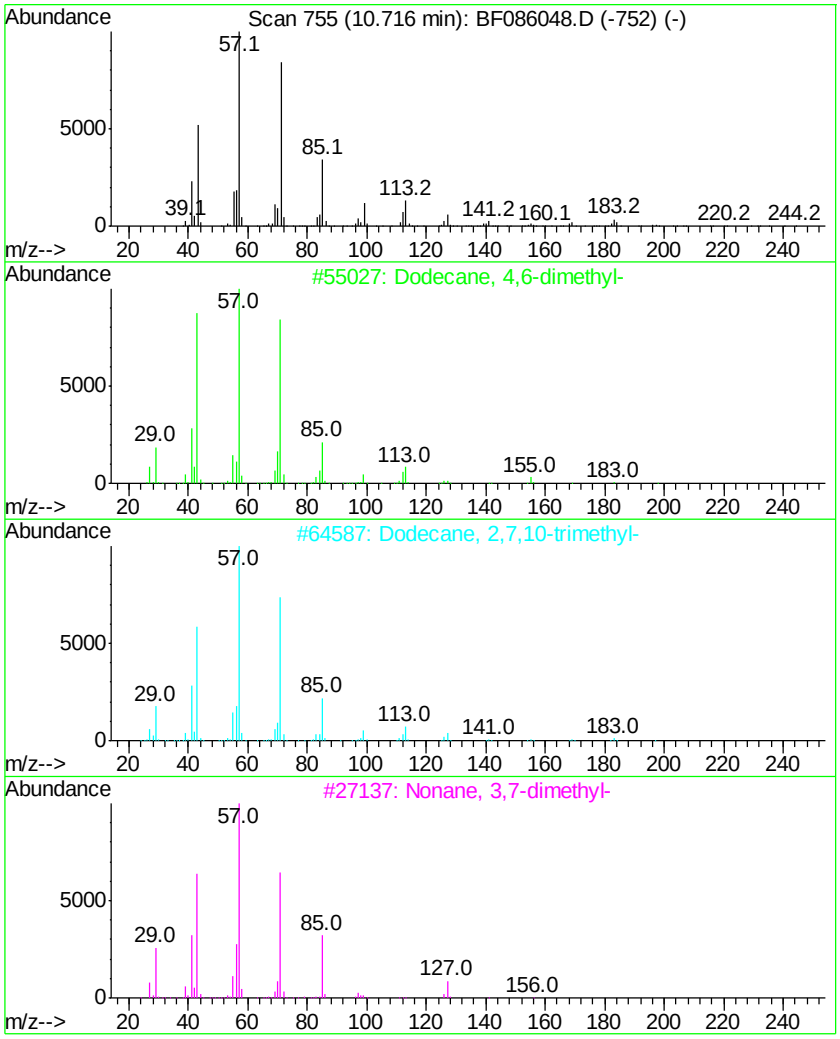
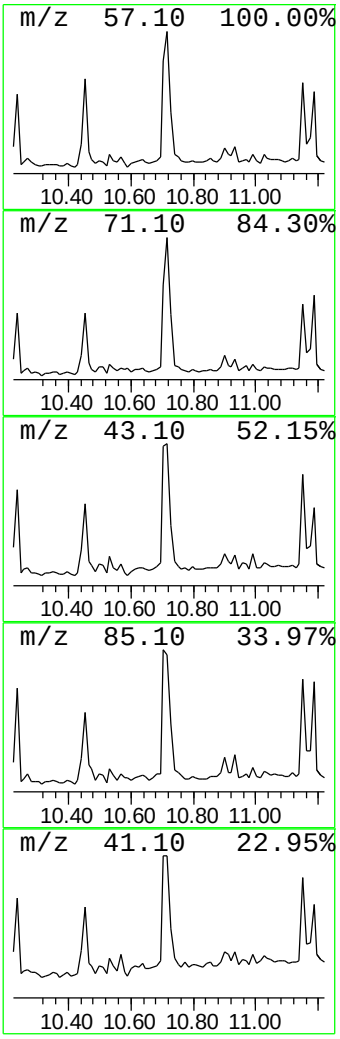
Peak Number 6 Dodecane, 4,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	26.31 ng	1238250	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	86
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086048.D
Acq On : 4 Apr 2016 20:18
Operator : UM/SJ
Sample : H2180-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK2-5-20160401

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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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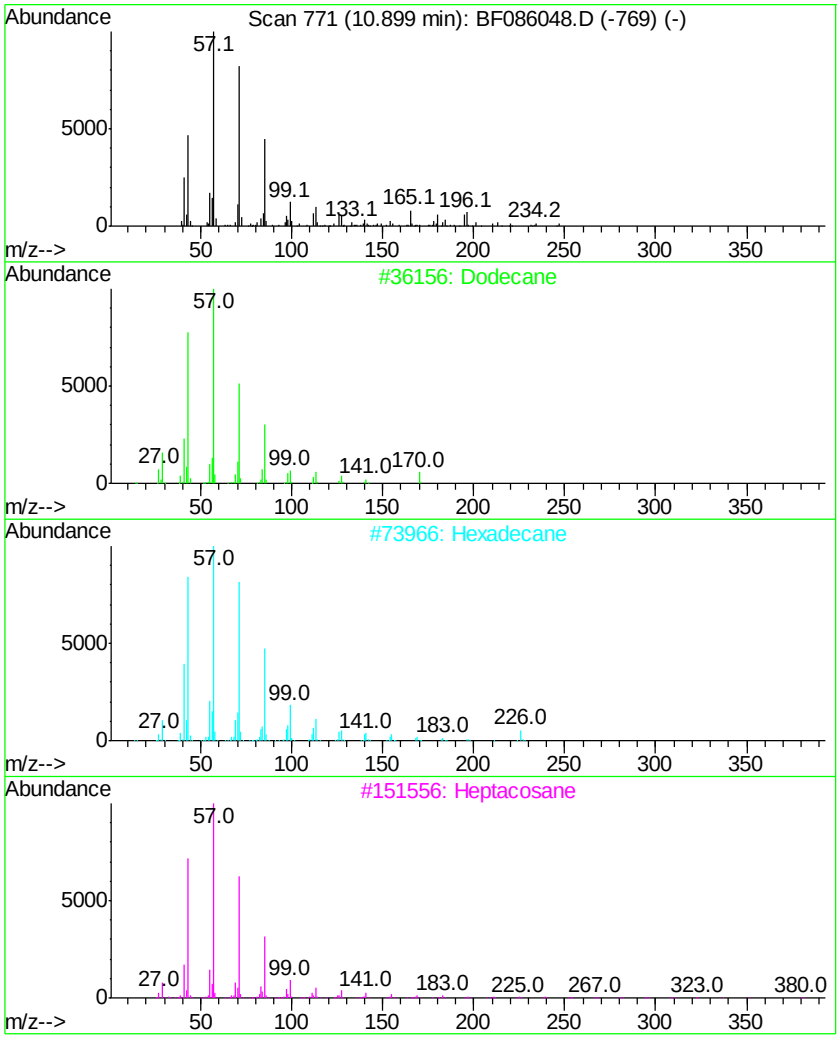
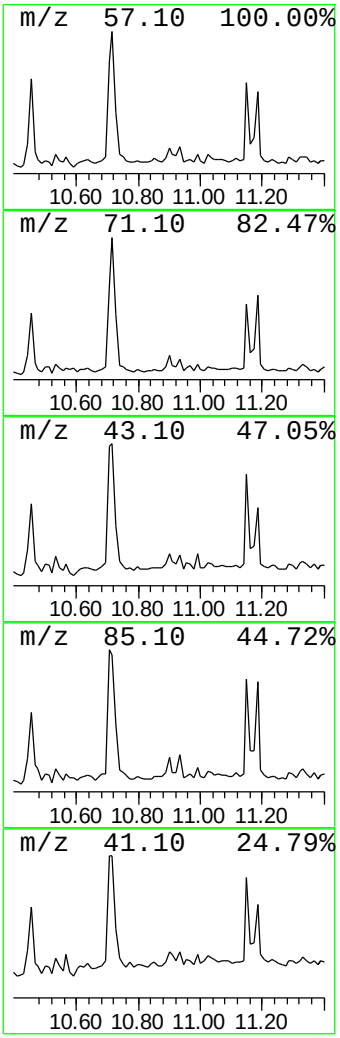
Peak Number 7 Dodecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	3.46 ng	162929	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Heptacosane	380	C27H56	000593-49-7	86
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Pentadecane	212	C15H32	000629-62-9	78





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086048.D
Acq On : 4 Apr 2016 20:18
Operator : UM/SJ
Sample : H2180-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK2-5-20160401

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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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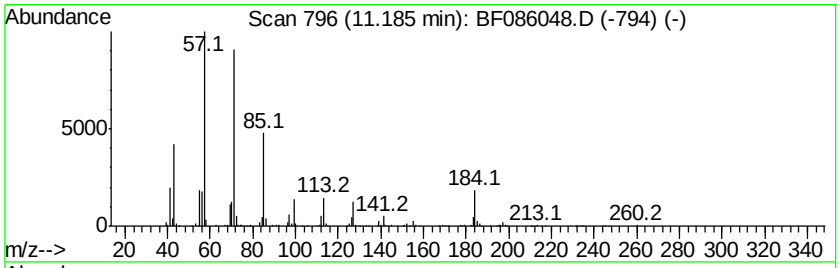
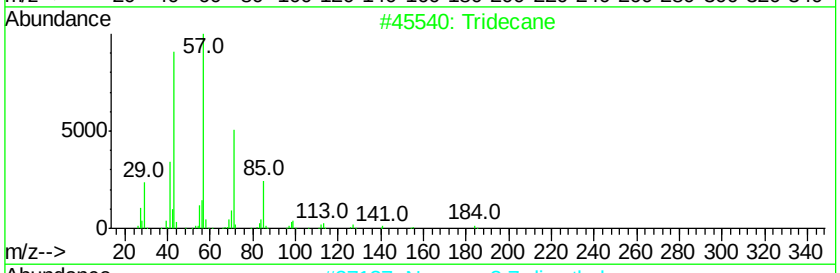
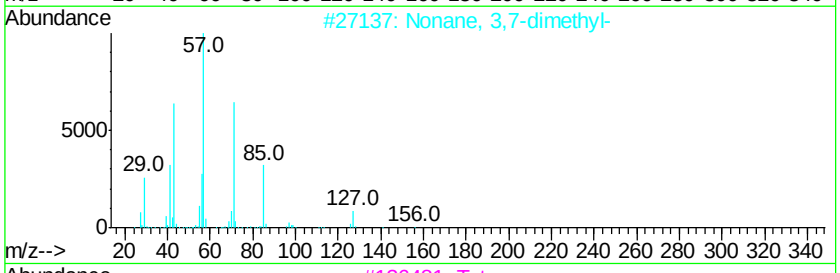
Peak Number 9 Tridecane Concentration Rank 7

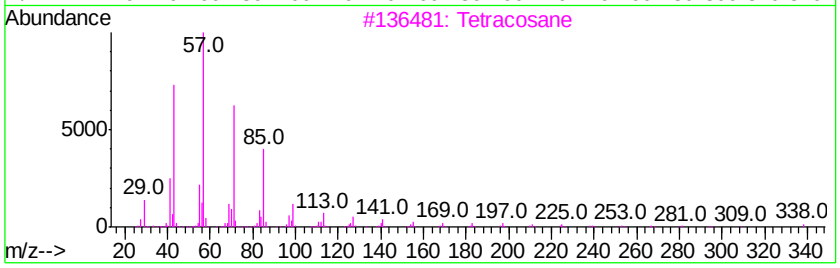
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	10.54 ng	496177	Phenanthrene-d10	11.29

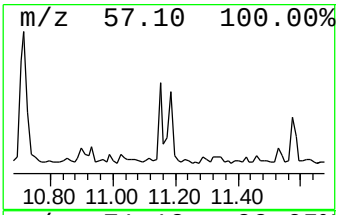
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	81
3	Tetracosane	338	C24H50	000646-31-1	78
4	Nonacosane	408	C29H60	000630-03-5	78
5	Heptadecane	240	C17H36	000629-78-7	78

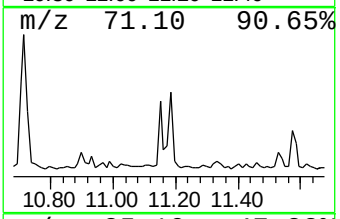


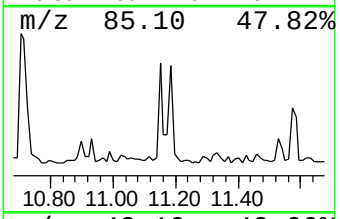


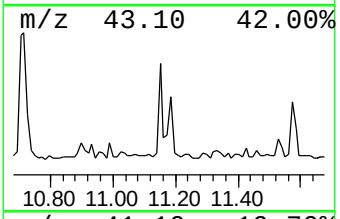


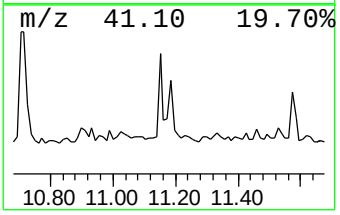












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Data File : BF086048.D
Acq On : 4 Apr 2016 20:18
Operator : UM/SJ
Sample : H2180-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK2-5-20160401

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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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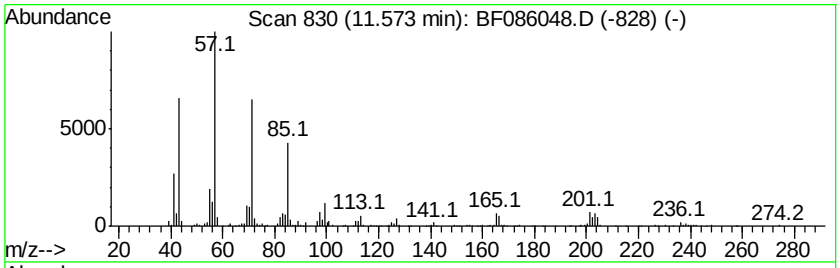
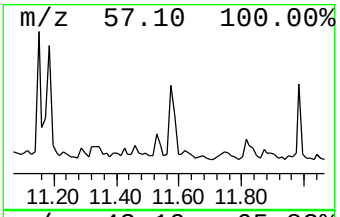
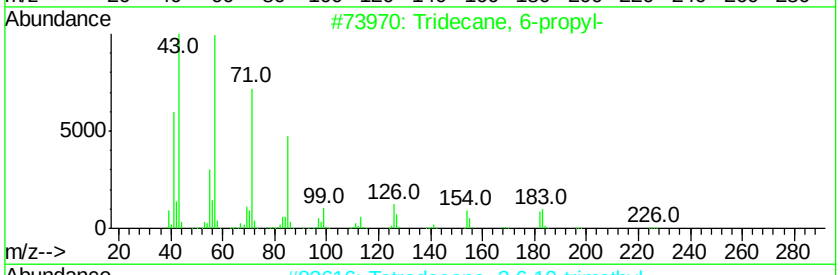
Peak Number 10 Tridecane, 6-propyl- Concentration Rank 13

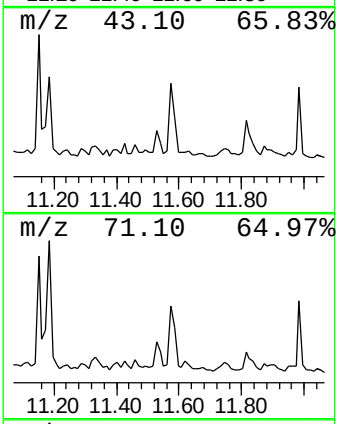
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	7.99 ng	376221	Phenanthrene-d10	11.29

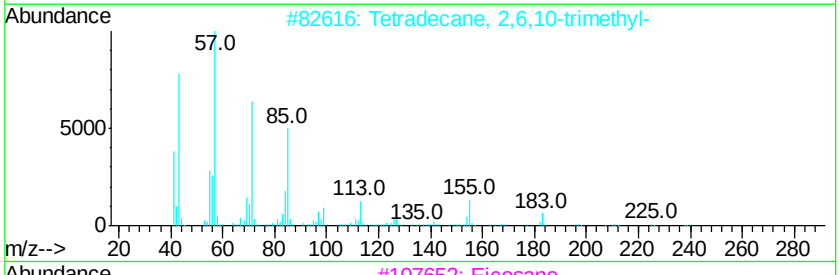
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	81
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	81
3	Eicosane	282	C20H42	000112-95-8	74
4	Tetracosane	338	C24H50	000646-31-1	74
5	Heptacosane	380	C27H56	000593-49-7	74

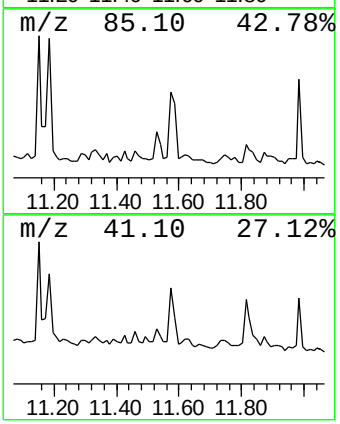


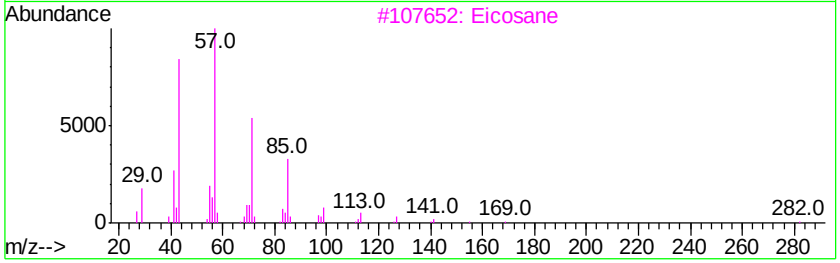












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Acq On : 4 Apr 2016 20:18
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Sample : H2180-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK2-5-20160401

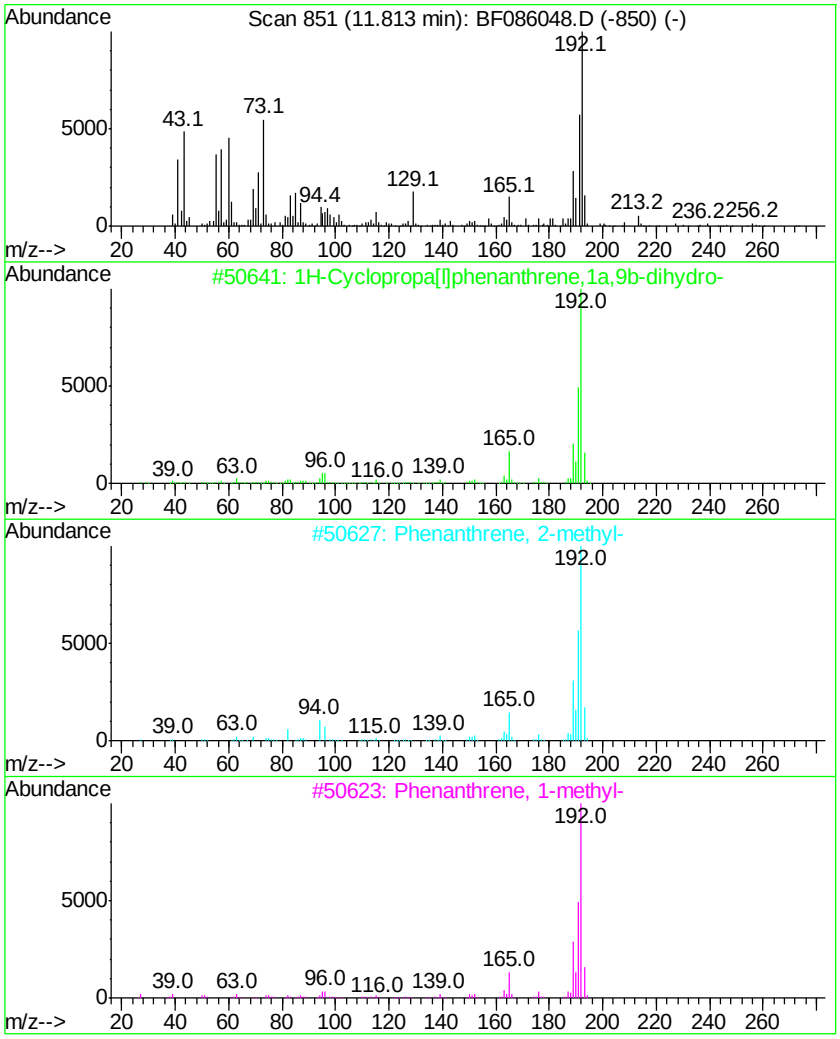
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

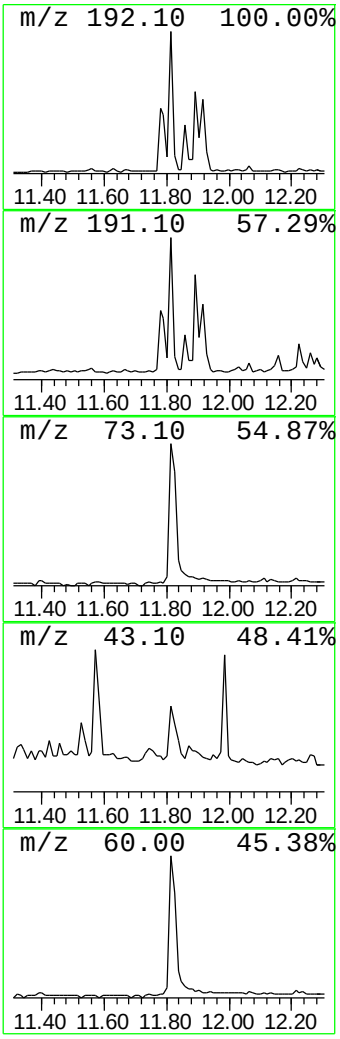
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	9.57 ng	450285	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Sample : H2180-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK2-5-20160401

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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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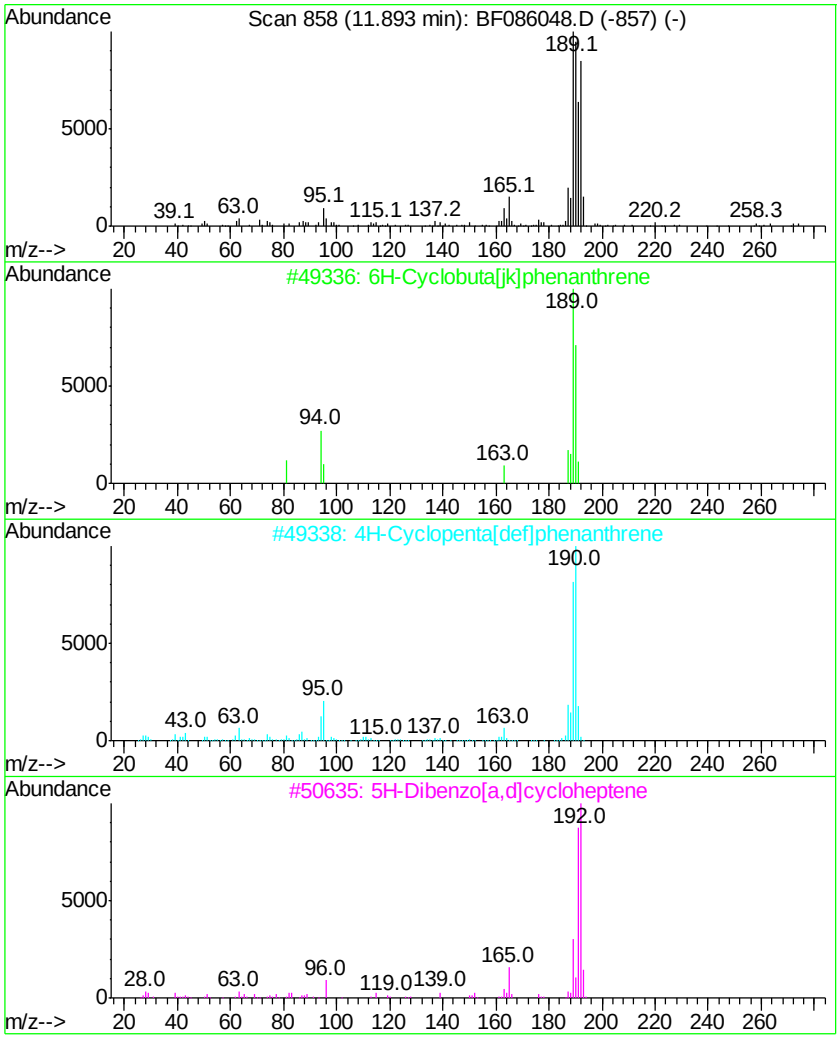
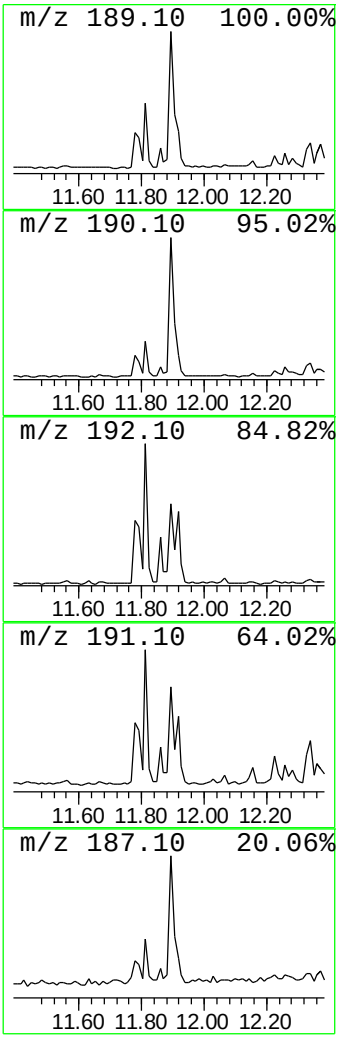
Peak Number 12 unknown11.89 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	5.88 ng	276643	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	41





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Acq On : 4 Apr 2016 20:18
Operator : UM/SJ
Sample : H2180-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK2-5-20160401

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

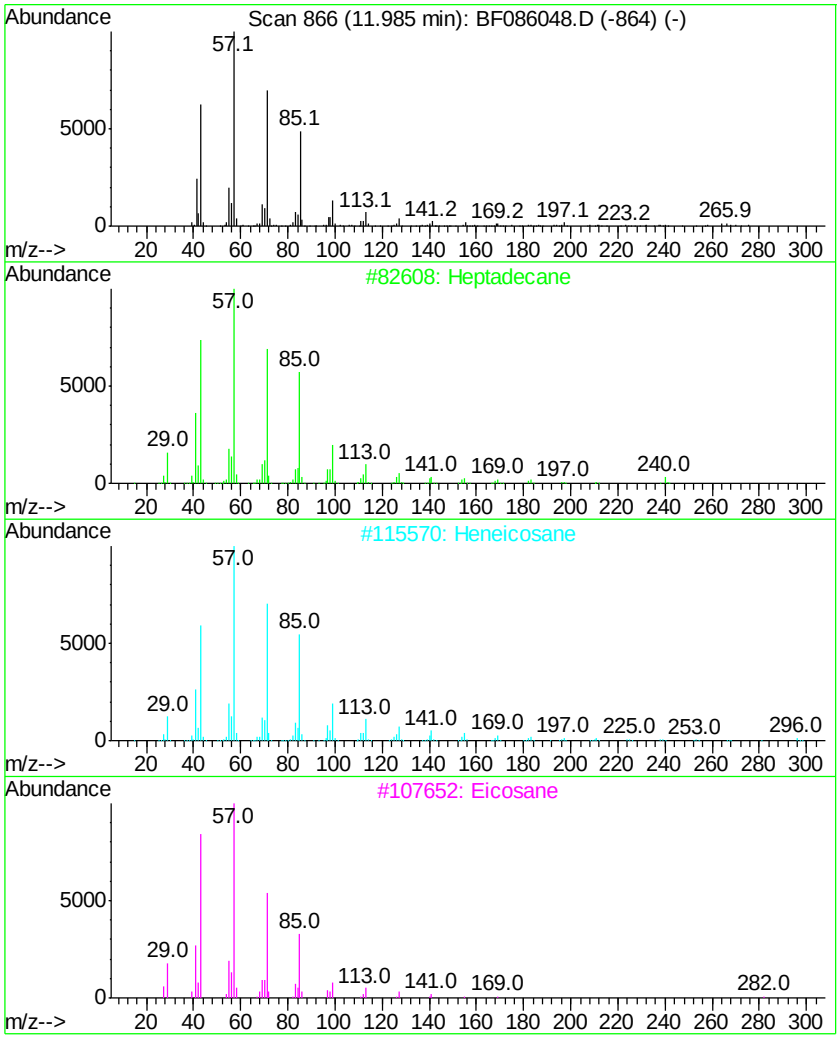
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

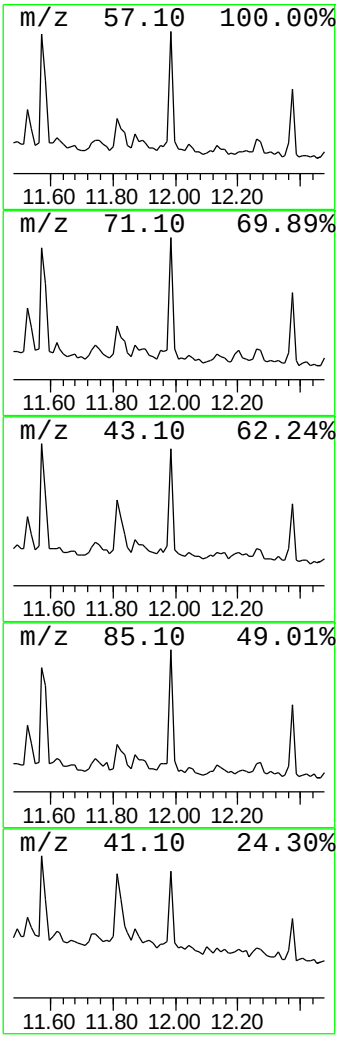
****

Peak Number 13 Heptadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	5.63 ng	264796	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Heneicosane	296	C21H44	000629-94-7	91
3	Eicosane	282	C20H42	000112-95-8	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87





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Sample : H2180-07
Misc :
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Instrument : BNA_F
ClientSampleId : TK2-5-20160401

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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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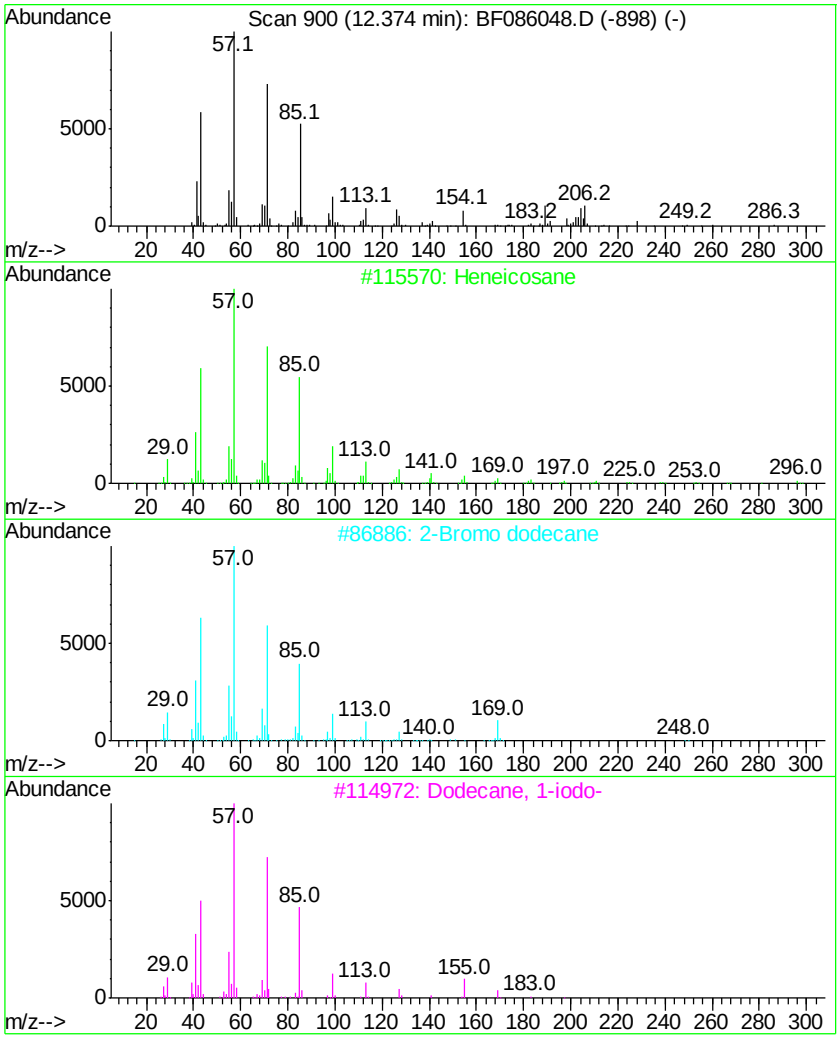
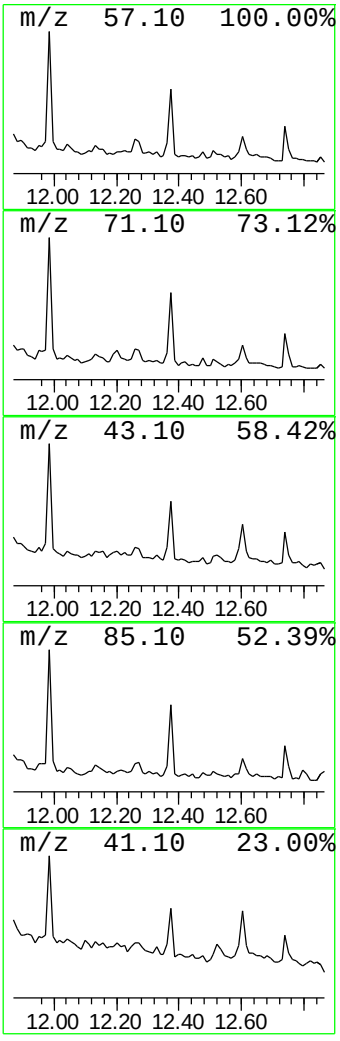
Peak Number 14 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	4.49 ng	211297	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	74
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
4	Eicosane	282	C20H42	000112-95-8	62
5	Heptacosane	380	C27H56	000593-49-7	58





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Sample : H2180-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK2-5-20160401

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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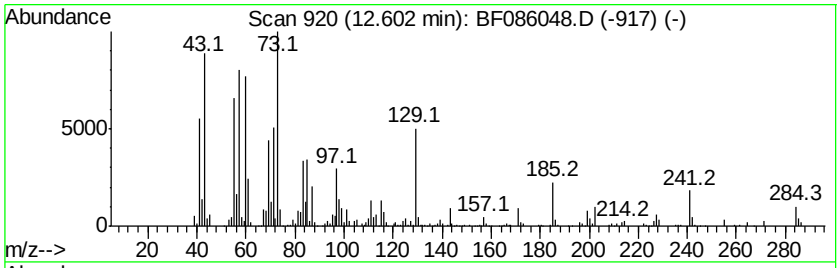
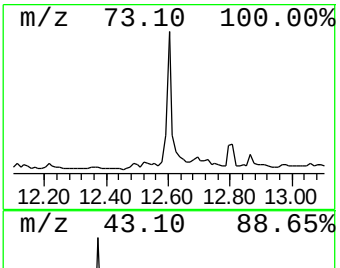
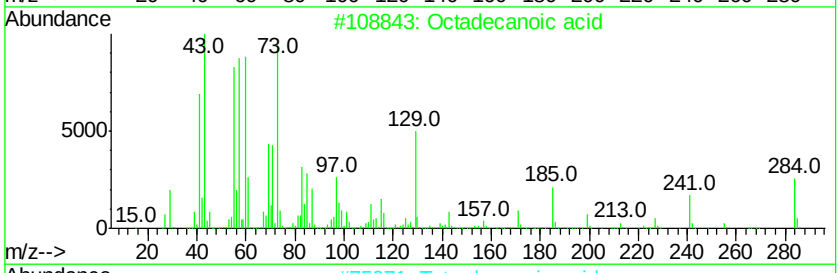
Peak Number 15 Octadecanoic acid Concentration Rank 14

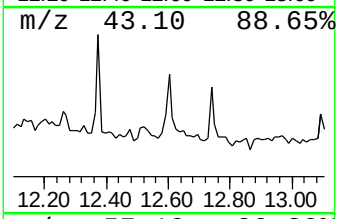
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	6.19 ng	291419	Phenanthrene-d10	11.29

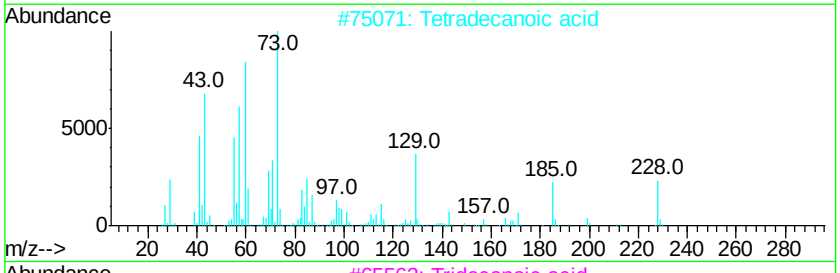
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
5	Hexadecane	226	C16H34	000544-76-3	59

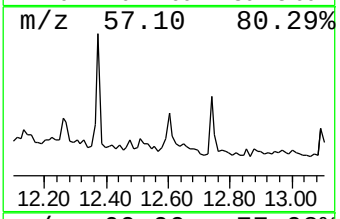


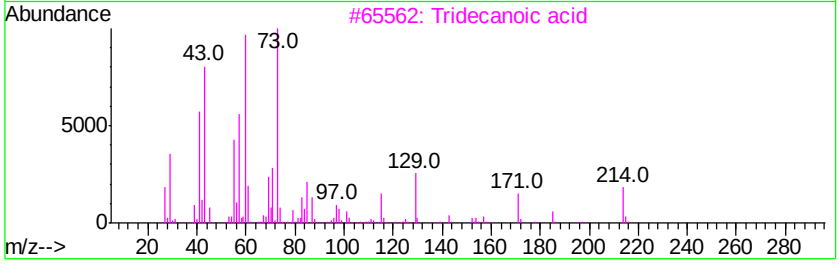


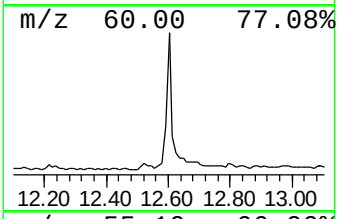


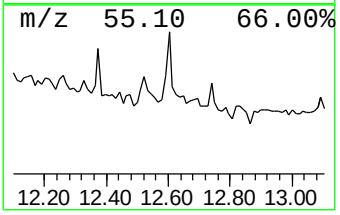












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Acq On : 4 Apr 2016 20:18
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Sample : H2180-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
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TIC Integration Parameters: LSCINT.P

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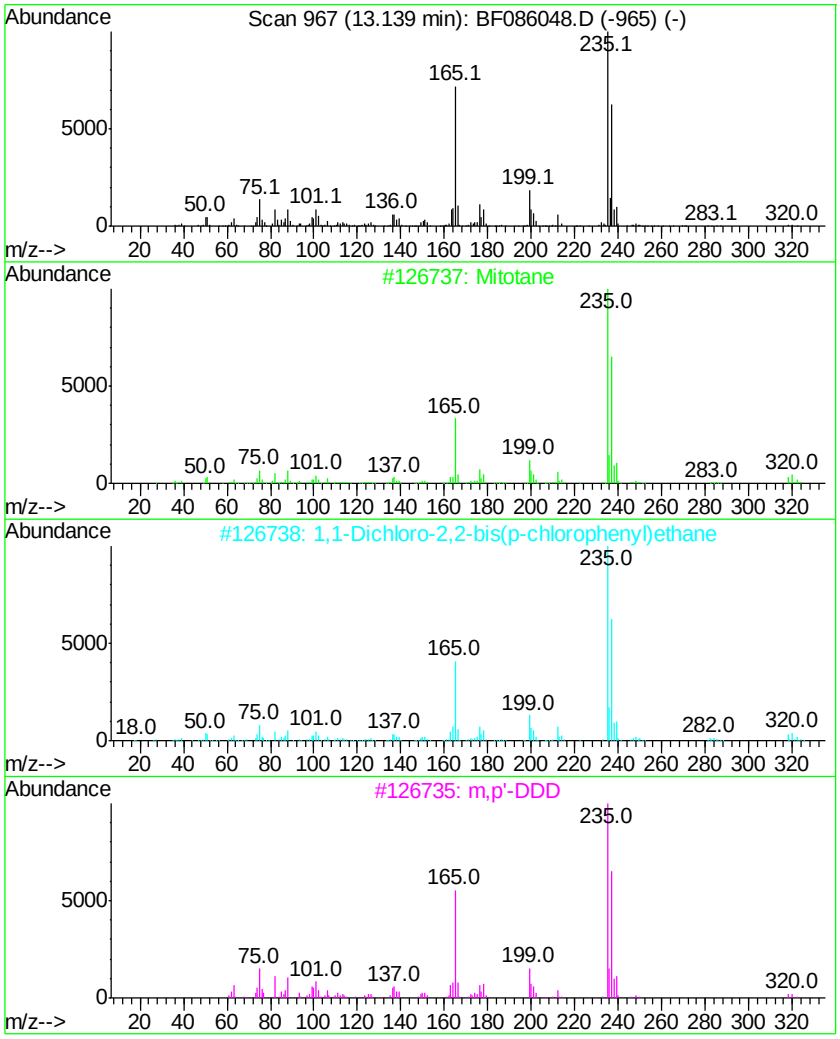
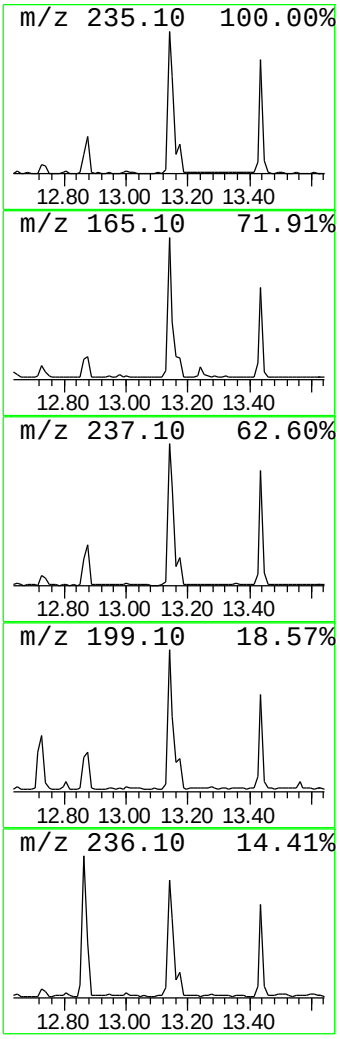
Peak Number 17 Mitotane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	19.37 ng	1451750	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mitotane	318	C14H10Cl4	000053-19-0	95
2	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	93
3	m,p'-DDD	318	C14H10Cl4	004329-12-8	91
4	2,2-Bis(p-chlorophenyl)ethanol	266	C14H12Cl2O	002642-82-2	86
5	2,2-Bis(4-chlorophenyl)acetic acid	280	C14H10Cl2O2	000083-05-6	86





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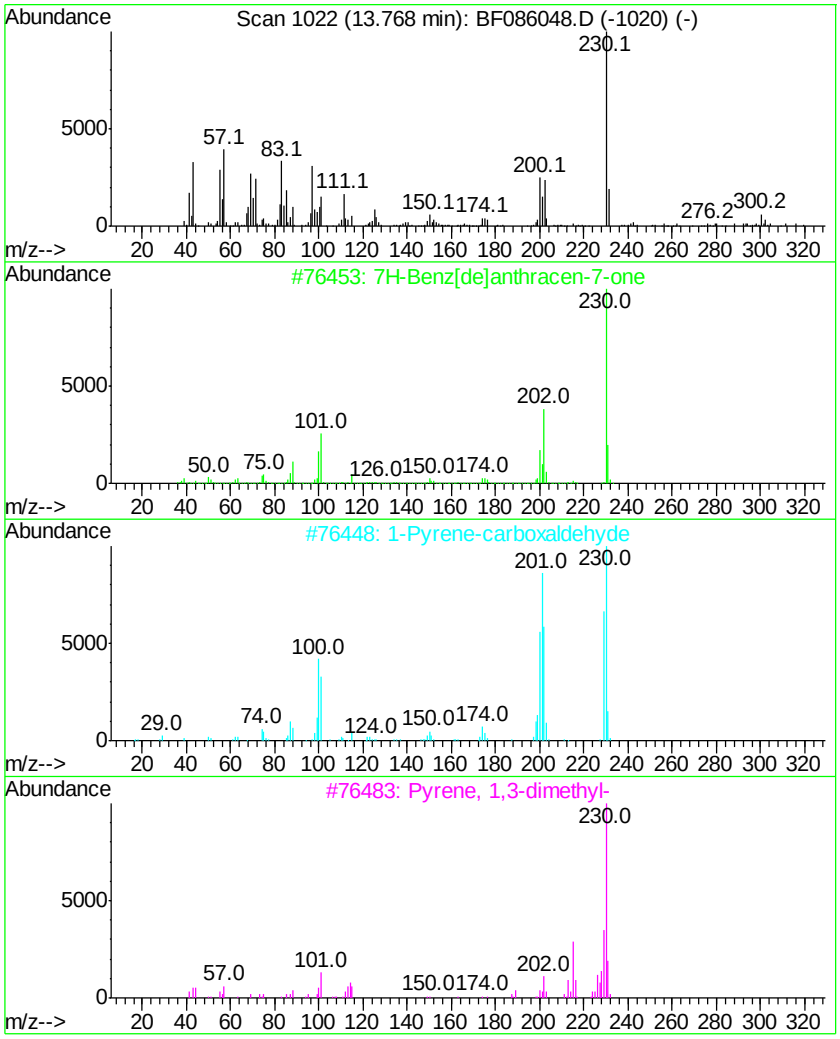
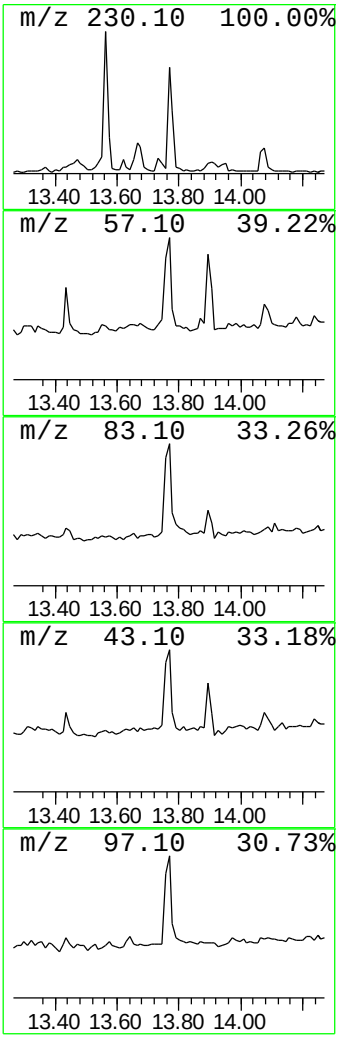
Peak Number 19 7H-Benz[de]anthracen-7-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	4.08 ng	305893	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
2	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	53
3	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	43
4	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	43
5	(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086048.D
Acq On : 4 Apr 2016 20:18
Operator : UM/SJ
Sample : H2180-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK2-5-20160401

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

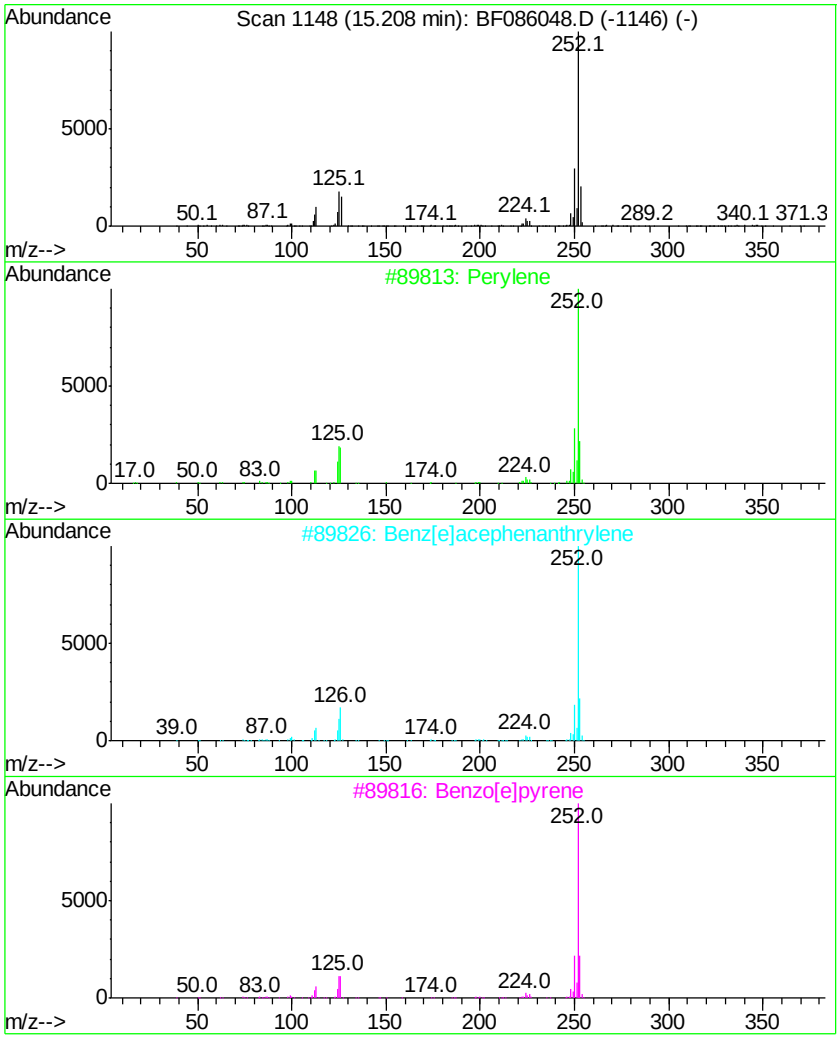
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

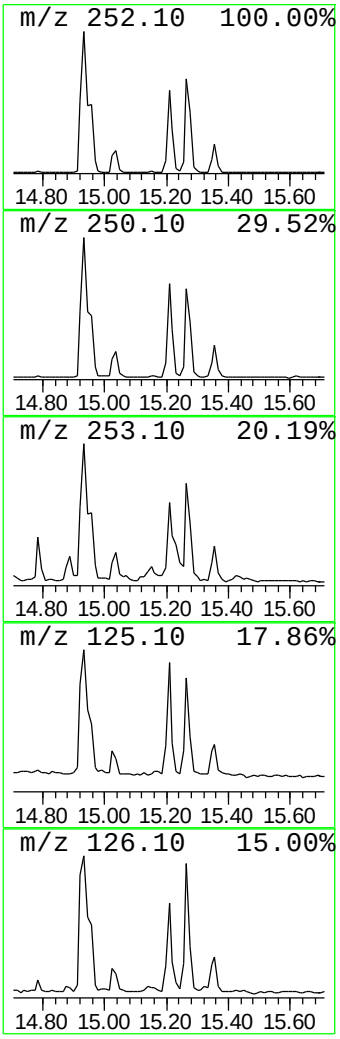
****

Peak Number 20 Perylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	9.36 ng	291560	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[e]pyrene	252	C20H12	000192-97-2	98
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
Data File : BF086048.D
Acq On : 4 Apr 2016 20:18
Operator : UM/SJ
Sample : H2180-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK2-5-20160401

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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
unknown6.53	6.53	65.2	ng	2284570	1	6.76	701361	20.0
Pentadecane	9.73	4.5	ng	212922	3	9.80	945077	20.0
Hexadecane	10.24	10.5	ng	495363	3	9.80	945077	20.0
Heptacosane	10.45	12.3	ng	580747	3	9.80	945077	20.0
Dodecane, 4,6-dim...	10.72	26.3	ng	1238250	4	11.29	941449	20.0
Dodecane	10.90	3.5	ng	162929	4	11.29	941449	20.0
Tridecane	11.18	10.5	ng	496177	4	11.29	941449	20.0
Tridecane, 6-propyl-	11.57	8.0	ng	376221	4	11.29	941449	20.0
1H-Cyclopropa[l]p...	11.81	9.6	ng	450285	4	11.29	941449	20.0
unknown11.89	11.89	5.9	ng	276643	4	11.29	941449	20.0
Heptadecane	11.98	5.6	ng	264796	4	11.29	941449	20.0
Heneicosane	12.37	4.5	ng	211297	4	11.29	941449	20.0
Octadecanoic acid	12.60	6.2	ng	291419	4	11.29	941449	20.0
Mitotane	13.14	19.4	ng	1451750	5	13.92	1498860	20.0
7H-Benz[de]anthra...	13.77	4.1	ng	305893	5	13.92	1498860	20.0
Perylene	15.21	9.4	ng	291560	6	15.32	623181	20.0