LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083291.D
Acq On : 25 Nov 2015 23:47
Operator : UM/IZ
Sample : G4567-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-GRAB3

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-BF112115.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	4.707	235	238	246	rVB	1416423	2049243	51.26%	3.545%
2	4.982	260	262	264	rBV	74430	86506	2.16%	0.150%
3	5.119	270	274	277	rBV	46057	102906	2.57%	0.178%
4	5.176	277	279	282	rBV	2439661	3371458	84.34%	5.832%
5	5.382	295	297	300	rBV	42719	57994	1.45%	0.100%
6	6.136	361	363	365	rVV	62853	64378	1.61%	0.111%
7	6.262	371	374	376	rVV	2586858	3766417	94.22%	6.515%
8	6.365	380	383	385	rVV	3378359	3717918	93.00%	6.431%
9	6.410	385	387	391	rVB3	51531	110622	2.77%	0.191%
10	6.582	400	402	404	rBV	823600	945562	23.65%	1.636%
11	6.742	414	416	421	rVB	3148446	3064006	76.65%	5.300%
12	6.845	424	425	430	rBV3	42768	78059	1.95%	0.135%
13	7.153	450	452	455	rBV	1784019	2269983	56.78%	3.926%
14	7.873	513	515	521	rVV2	1348404	1466009	36.67%	2.536%
15	8.159	536	540	544	rVB4	31707	57944	1.45%	0.100%
16	8.262	544	549	552	rBV7	22426	61734	1.54%	0.107%
17	8.319	552	554	558	rBV	67644	95362	2.39%	0.165%
18	8.490	566	569	570	rBV2	54435	58832	1.47%	0.102%
19	8.536	570	573	576	rVV4	30128	67812	1.70%	0.117%
20	8.593	576	578	580	rVV	153222	184034	4.60%	0.318%
21	8.685	584	586	590	rVB	175750	185954	4.65%	0.322%
22	8.833	597	599	602	rBV2	43448	61685	1.54%	0.107%
23	8.959	607	610	612	rVV	4370244	3997569	100.00%	6.915%
24	9.050	616	618	621	rVB	102269	91815	2.30%	0.159%
25	9.153	625	627	630	rVB	37229	61758	1.54%	0.107%
26	9.211	630	632	634	rBV	103147	135992	3.40%	0.235%
27	9.291	636	639	640	rBV	119869	121983	3.05%	0.211%
28	9.359	643	645	647	rBV	820535	741892	18.56%	1.283%
29	9.405	647	649	652	rVB2	66066	107095	2.68%	0.185%
30	9.485	654	656	658	rBV	242838	213735	5.35%	0.370%
31	9.576	662	664	666	rBV	180415	174926	4.38%	0.303%
32	9.622	666	668	670	rBV	1408694	1286771	32.19%	2.226%
33	9.736	676	678	680	rBV	41754	65779	1.65%	0.114%
34	9.828	680	686	688	rBV4	100584	215980	5.40%	0.374%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083291.D
Acq On : 25 Nov 2015 23:47
Operator : UM/IZ
Sample : G4567-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-GRAB3

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-BF112115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.873	688	690	691	rVB2	54266	71277	1.78%	0.123%
36	9.896	691	692	694	rVB	66118	61639	1.54%	0.107%
37	9.942	694	696	697	rBV	87092	118920	2.97%	0.206%
38	10.033	702	704	706	rBV3	61104	121141	3.03%	0.210%
39	10.079	706	708	709	rVB	238981	220326	5.51%	0.381%
40	10.136	709	713	714	rBV3	48312	94237	2.36%	0.163%
41	10.171	714	716	719	rBV3	64518	126115	3.15%	0.218%
42	10.296	724	727	728	rBV3	102776	141486	3.54%	0.245%
43	10.331	728	730	733	rVB4	41934	82917	2.07%	0.143%
44	10.411	735	737	739	rBV	1885624	1846470	46.19%	3.194%
45	10.548	746	749	752	rBV2	264385	392958	9.83%	0.680%
46	10.639	755	757	759	rVB2	45455	56611	1.42%	0.098%
47	10.708	761	763	764	rBV2	48724	69773	1.75%	0.121%
48	10.742	764	766	768	rVB2	61394	61969	1.55%	0.107%
49	10.914	779	781	783	rVB2	61775	78358	1.96%	0.136%
50	10.959	783	785	786	rBV	53683	74777	1.87%	0.129%
51	10.994	786	788	789	rVV	196791	169029	4.23%	0.292%
52	11.016	789	790	793	rVB	48311	64813	1.62%	0.112%
53	11.096	795	797	798	rBV	1194031	1081581	27.06%	1.871%
54	11.176	801	804	806	rVB	156098	216797	5.42%	0.375%
55	11.211	806	807	808	rBV	60670	54926	1.37%	0.095%
56	11.336	816	818	819	rBV	61705	72832	1.82%	0.126%
57	11.416	824	825	828	rVB3	116631	148928	3.73%	0.258%
58	11.599	839	841	842	rBV	225032	183770	4.60%	0.318%
59	11.622	842	843	845	rVV	266252	288559	7.22%	0.499%
60	11.656	845	846	849	rVV3	763655	750071	18.76%	1.297%
61	11.702	849	850	856	rVB	396147	640021	16.01%	1.107%
62	11.828	859	861	864	rVB3	96658	119810	3.00%	0.207%
63	11.896	865	867	868	rBV	159424	163994	4.10%	0.284%
64	12.079	881	883	886	rVB3	102535	224951	5.63%	0.389%
65	12.148	886	889	890	rBV	325328	407669	10.20%	0.705%
66	12.182	890	892	895	rVV2	196692	368631	9.22%	0.638%
67	12.228	895	896	899	rVV2	177308	226729	5.67%	0.392%
68	12.297	900	902	905	rVV	862435	1254696	31.39%	2.170%
69	12.354	905	907	909	rVV2	131744	220564	5.52%	0.382%
70	12.399	909	911	912	rVV	141493	170234	4.26%	0.294%
71	12.434	912	914	916	rVV2	347427	447891	11.20%	0.775%

LSC Area Percent Report

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Data File : BF083291.D
Acq On : 25 Nov 2015 23:47
Operator : UM/IZ
Sample : G4567-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-GRAB3

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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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.525	920	922	926	rVV	1861732	2055240	51.41%	3.555%
73	12.594	926	928	930	rVB2	104800	168592	4.22%	0.292%
74	12.651	931	933	934	rVV	76422	86367	2.16%	0.149%
75	12.685	934	936	938	rVV	2938345	2887439	72.23%	4.994%
76	12.754	939	942	945	rBV2	182732	271822	6.80%	0.470%
77	12.857	947	951	953	rVB	302733	553680	13.85%	0.958%
78	12.925	955	957	958	rVV	173481	179298	4.49%	0.310%
79	12.959	958	960	962	rVV	304783	308062	7.71%	0.533%
80	13.051	966	968	969	rVV	263632	242885	6.08%	0.420%
81	13.085	969	971	973	rVB	187200	214480	5.37%	0.371%
82	13.279	985	988	991	rVB3	99968	205330	5.14%	0.355%
83	13.360	991	995	1000	rVB2	111884	235244	5.88%	0.407%
84	13.474	1002	1005	1006	rBV	147616	252178	6.31%	0.436%
85	13.600	1014	1016	1018	rVB	229161	333760	8.35%	0.577%
86	13.714	1023	1026	1031	rBV3	1295053	3067286	76.73%	5.306%
87	13.828	1033	1036	1037	rBV3	150994	205818	5.15%	0.356%
88	13.862	1037	1039	1043	rVV2	164924	201966	5.05%	0.349%
89	14.114	1058	1061	1062	rBV	144557	224825	5.62%	0.389%
90	14.137	1062	1063	1065	rBV	75667	100686	2.52%	0.174%
91	14.194	1066	1068	1070	rVV3	93477	165273	4.13%	0.286%
92	14.228	1070	1071	1075	rVB2	153442	243456	6.09%	0.421%
93	14.514	1094	1096	1098	rVB2	88583	84728	2.12%	0.147%
94	14.720	1111	1114	1118	rBV	670776	1321754	33.06%	2.286%
95	14.800	1120	1121	1123	rVB	159528	181868	4.55%	0.315%
96	14.971	1134	1136	1138	rBV	563672	669374	16.74%	1.158%
97	15.017	1138	1140	1143	rVV	685494	943243	23.60%	1.632%
98	15.074	1143	1145	1152	rVB2	864572	1234362	30.88%	2.135%
99	16.297	1249	1252	1256	rVB2	289584	532002	13.31%	0.920%
100	16.663	1281	1284	1291	rVB	305541	606946	15.18%	1.050%

Sum of corrected areas: 57813147

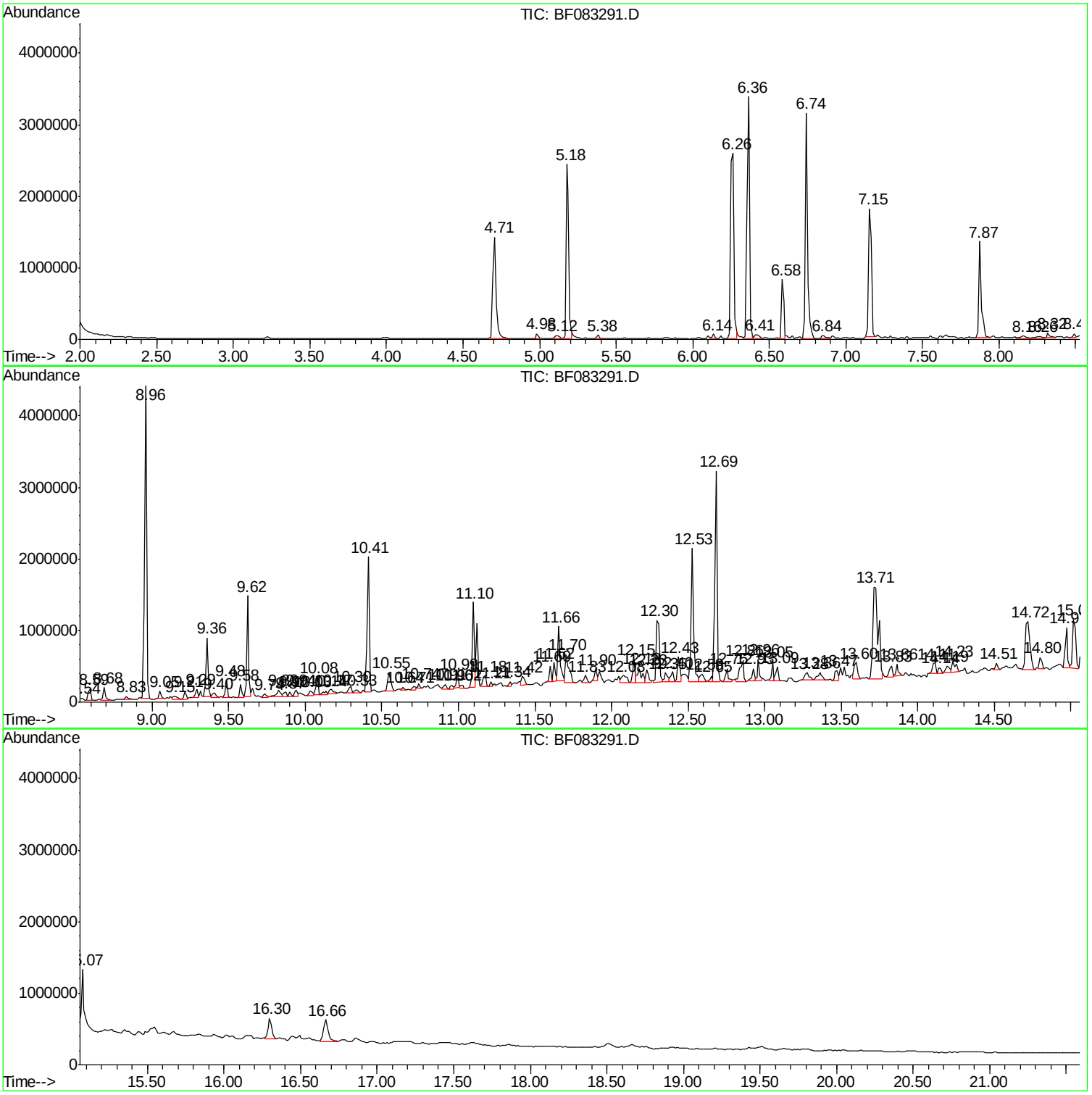
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083291.D
Acq On : 25 Nov 2015 23:47
Operator : UM/IZ
Sample : G4567-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-GRAB3

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.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\BF112515\
Data File : BF083291.D
Acq On : 25 Nov 2015 23:47
Operator : UM/IZ
Sample : G4567-07
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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-GRAB3

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

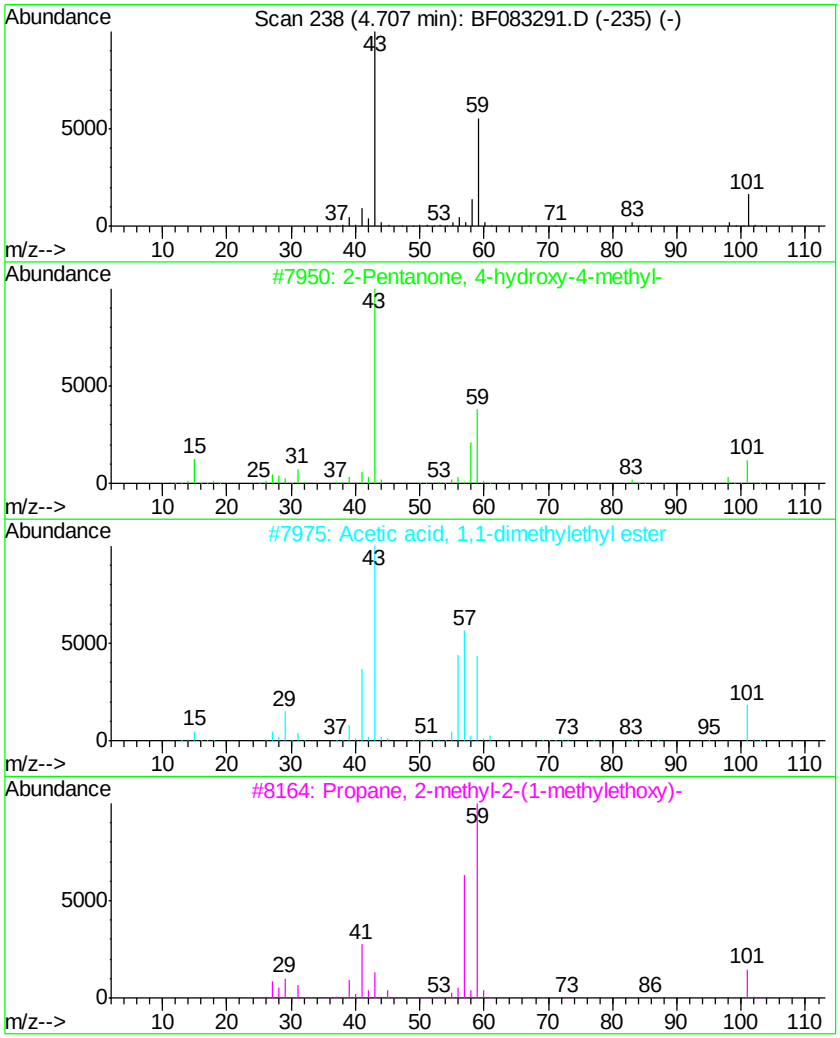
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

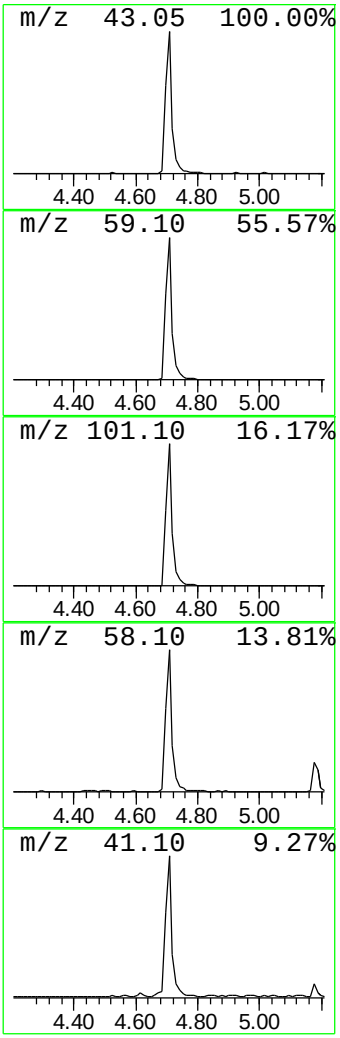
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	43.34 ng	2049240	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083291.D
Acq On : 25 Nov 2015 23:47
Operator : UM/IZ
Sample : G4567-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-GRAB3

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

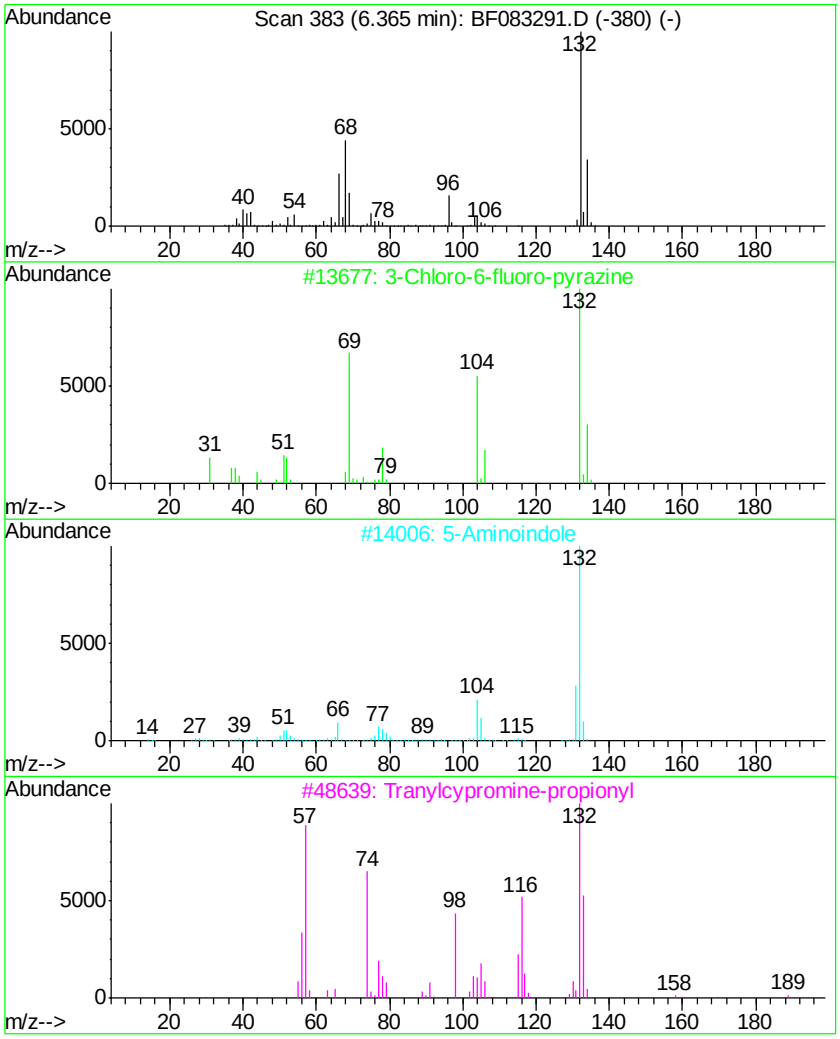
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

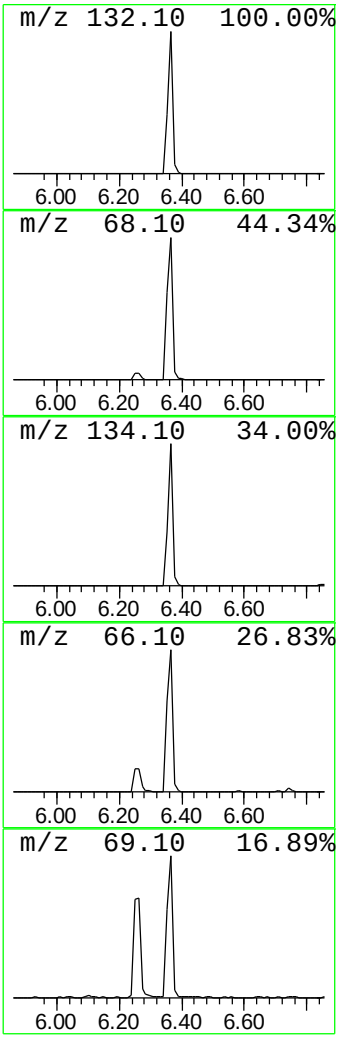
****

Peak Number 2 unknown6.36 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	78.64 ng	3717920	1,4-Dichlorobenzene-d4	6.58

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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Data File : BF083291.D
Acq On : 25 Nov 2015 23:47
Operator : UM/IZ
Sample : G4567-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-GRAB3

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

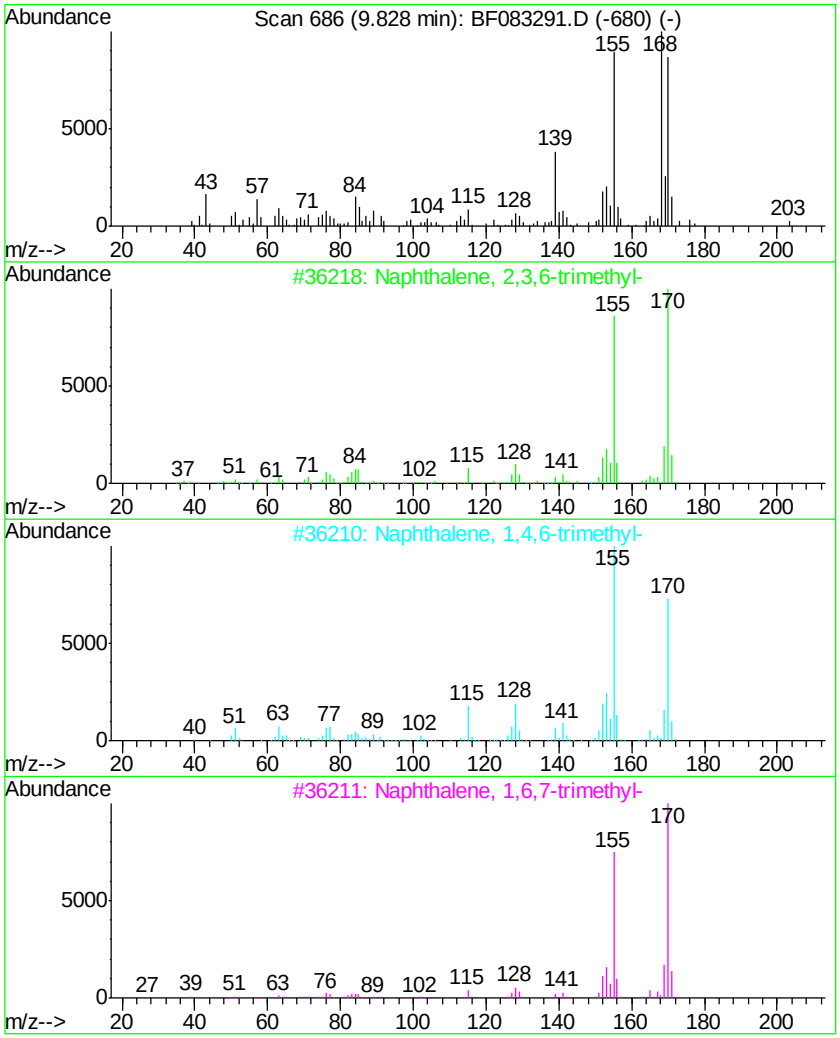
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

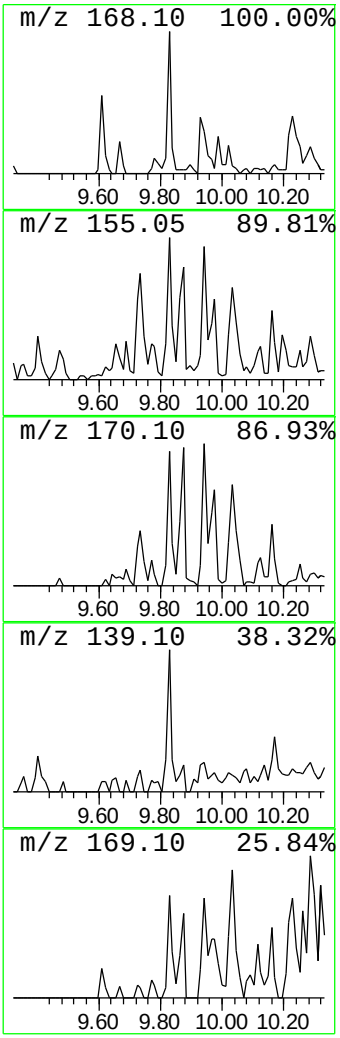
****

Peak Number 4 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	3.36 ng	215980	Acenaphthene-d10	9.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	64
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	60
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	49
5	1H,3H-Thieno[3,4-c]thiophene, 4,...	170	C8H10S2	015441-54-0	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083291.D
Acq On : 25 Nov 2015 23:47
Operator : UM/IZ
Sample : G4567-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-GRAB3

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.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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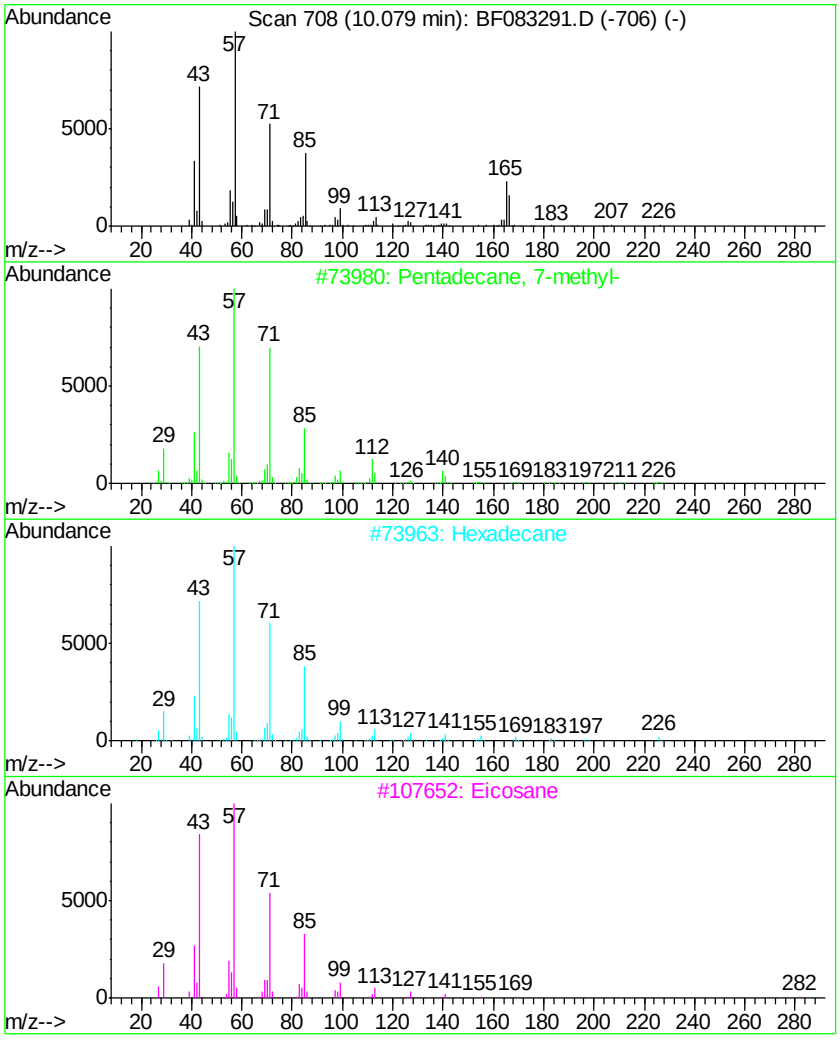
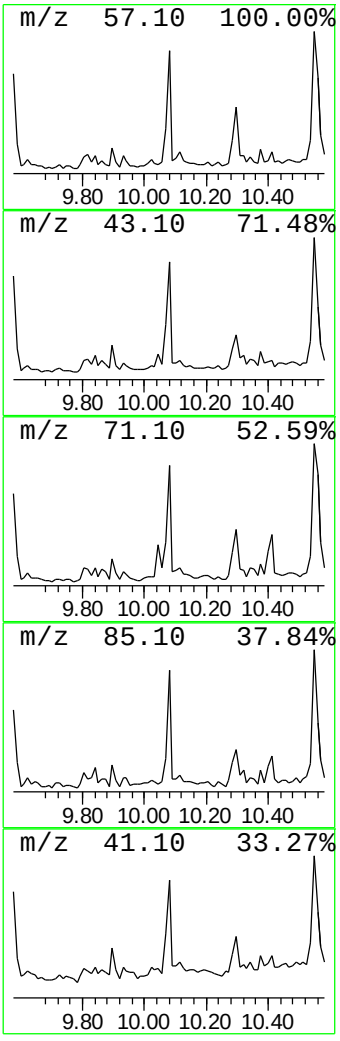
Peak Number 5 Pentadecane, 7-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	3.42 ng	220326	Acenaphthene-d10	9.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	76
2	Hexadecane	226	C16H34	000544-76-3	70
3	Eicosane	282	C20H42	000112-95-8	68
4	Tetracosane	338	C24H50	000646-31-1	64
5	Heptacosane	380	C27H56	000593-49-7	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083291.D
Acq On : 25 Nov 2015 23:47
Operator : UM/IZ
Sample : G4567-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-GRAB3

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

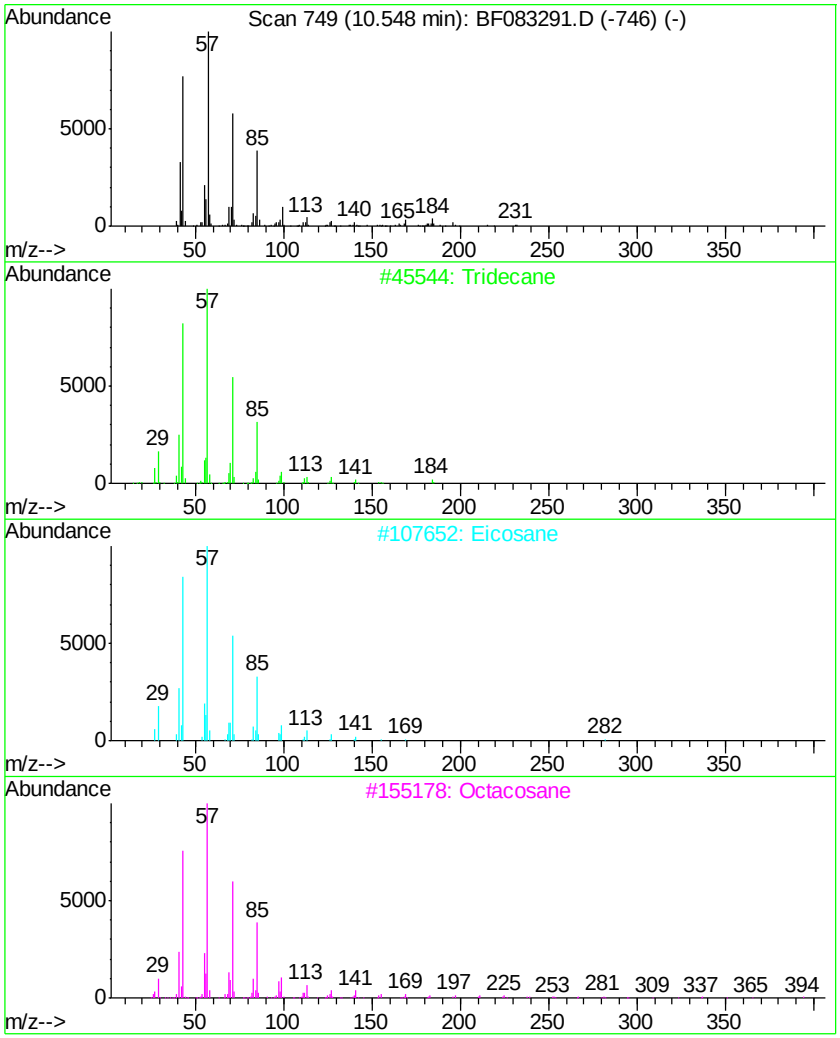
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

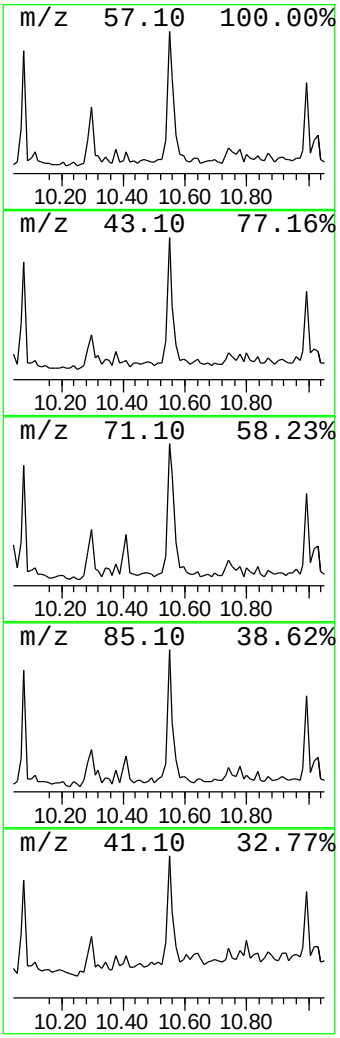
****

Peak Number 6 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	7.27 ng	392958	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Eicosane	282	C20H42	000112-95-8	87
3	Octacosane	394	C28H58	000630-02-4	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083291.D
Acq On : 25 Nov 2015 23:47
Operator : UM/IZ
Sample : G4567-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-GRAB3

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

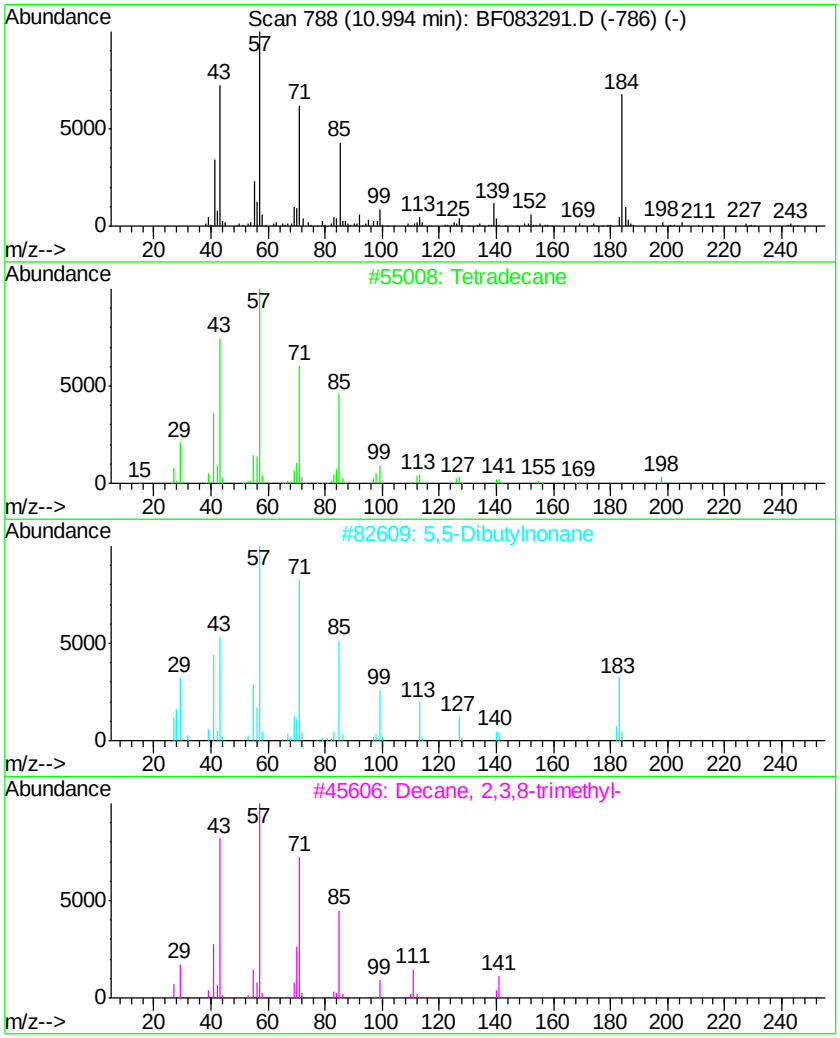
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

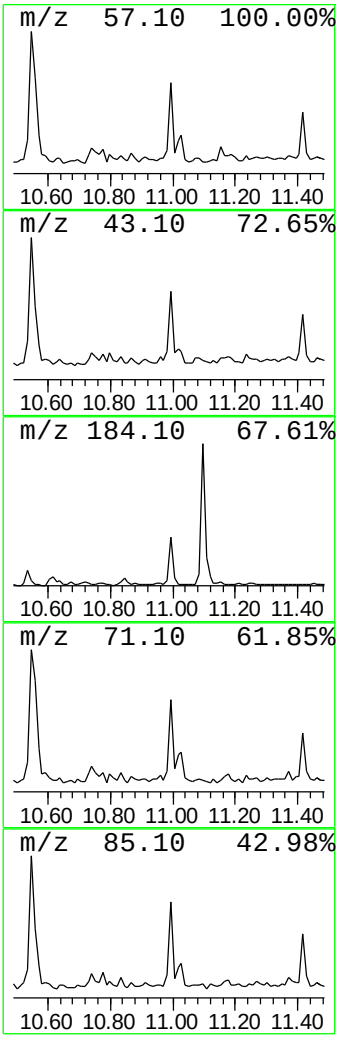
****

Peak Number 7 unknown10.99 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	3.13 ng	169029	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	49
2	5,5-Dibutylnonane	240	C17H36	006008-17-9	47
3	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	43
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	38
5	Dibenzothiophene	184	C12H8S	000132-65-0	38





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Data File : BF083291.D
Acq On : 25 Nov 2015 23:47
Operator : UM/IZ
Sample : G4567-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-GRAB3

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.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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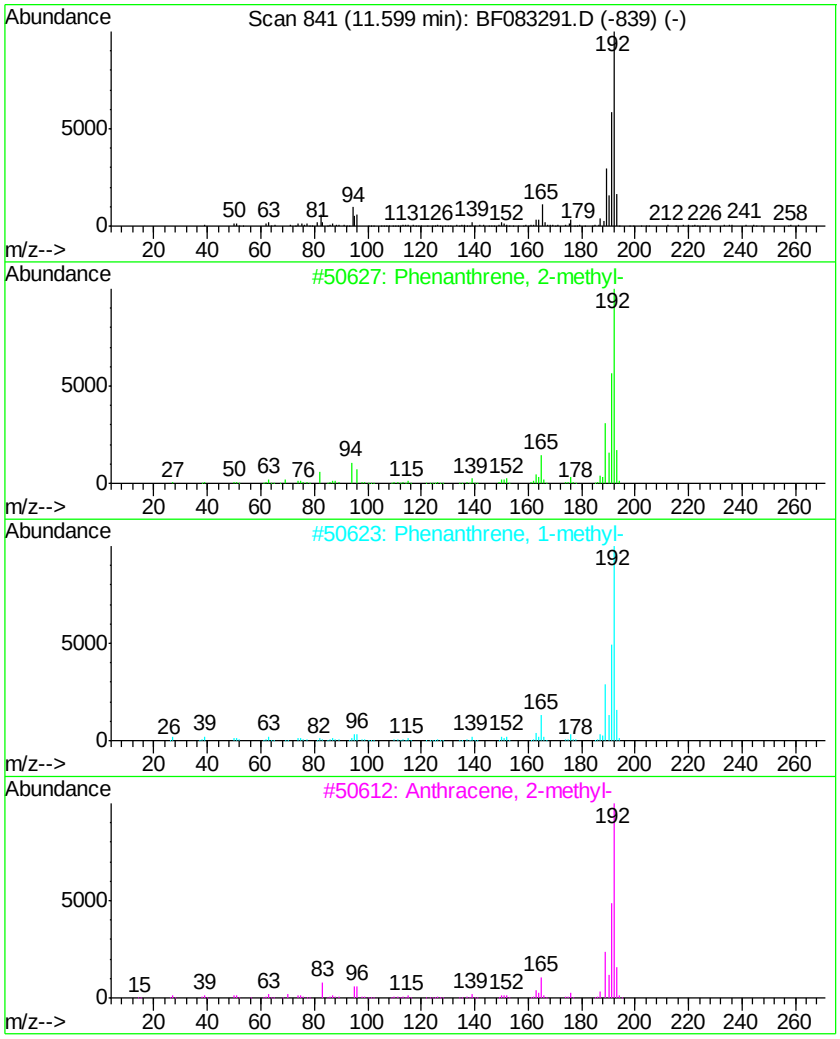
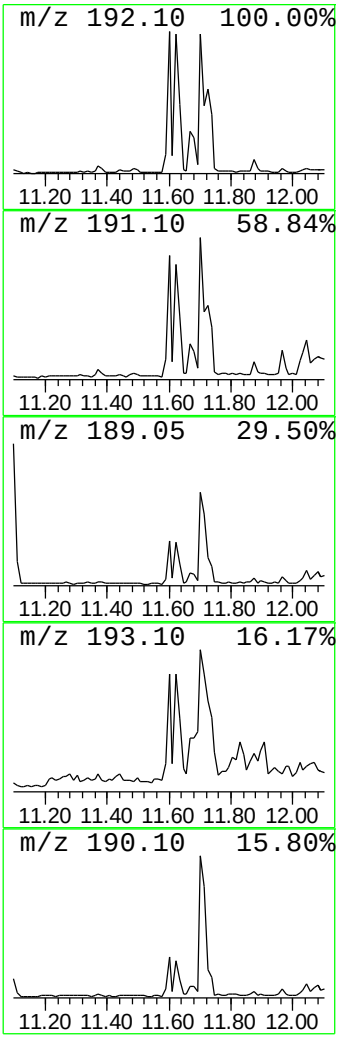
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	3.40 ng	183770	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Sample : G4567-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
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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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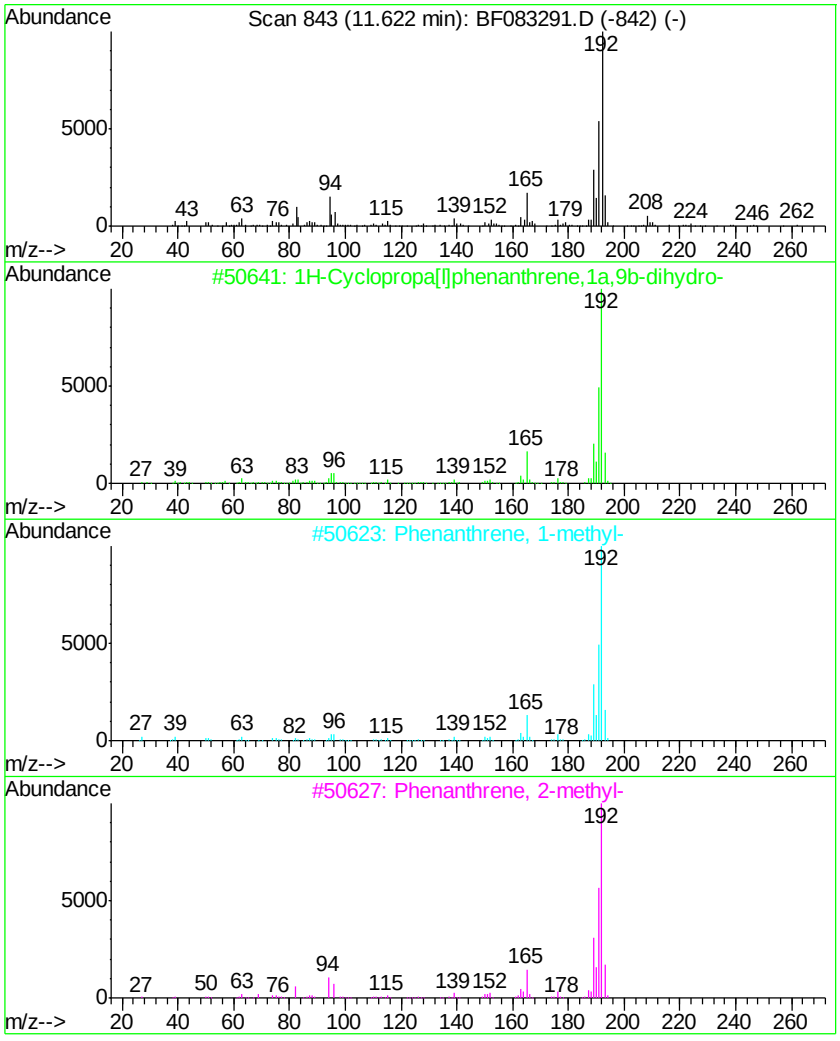
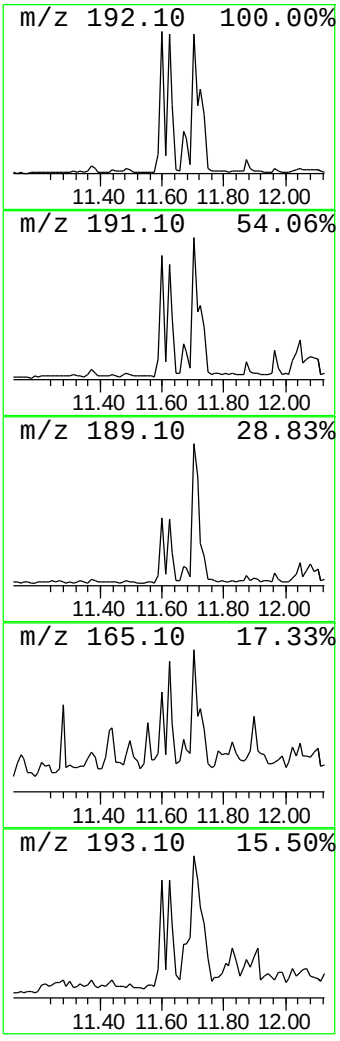
Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	5.34 ng	288559	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Acq On : 25 Nov 2015 23:47
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Sample : G4567-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId : STOCKPILE-GRAB3

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.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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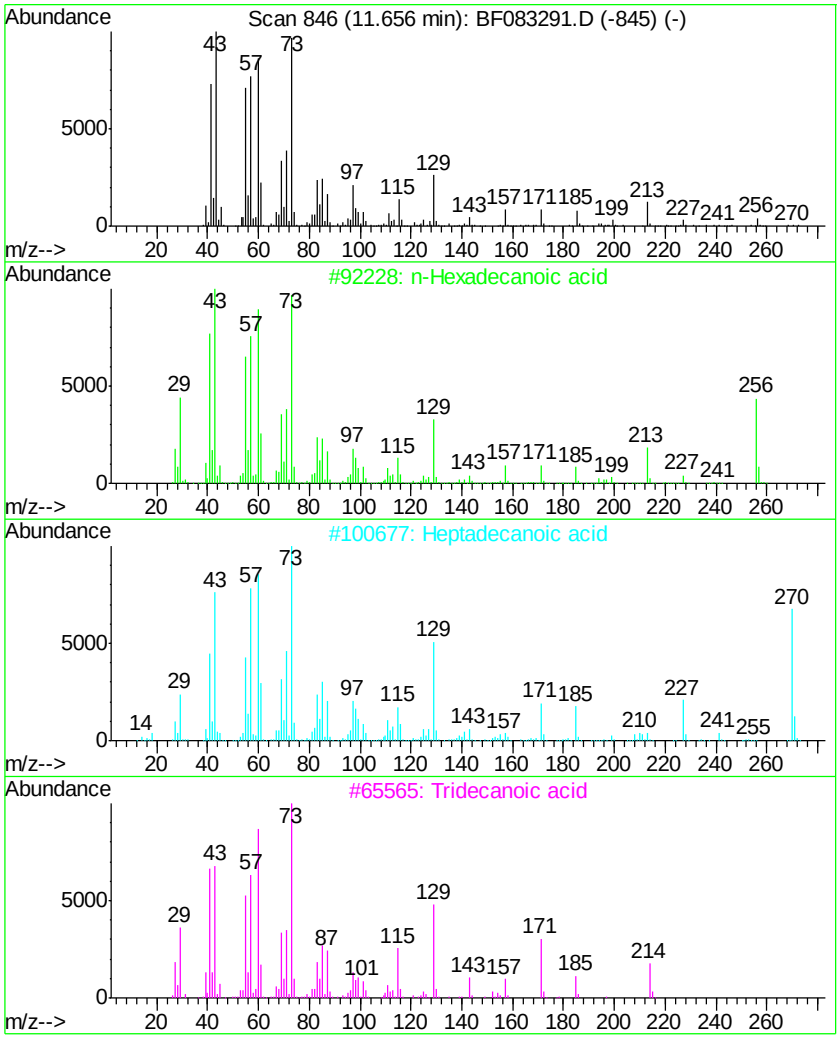
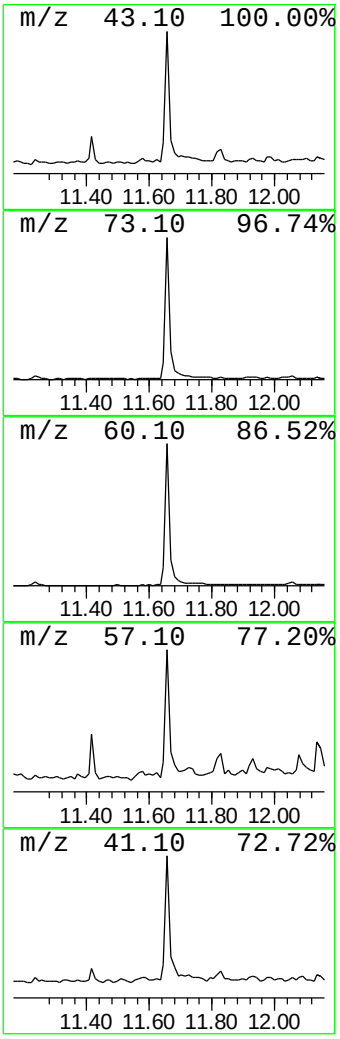
Peak Number 10 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	13.87 ng	750071	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Heptadecanoic acid	270	C17H34O2	000506-12-7	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	95
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80





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Acq On : 25 Nov 2015 23:47
Operator : UM/IZ
Sample : G4567-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-GRAB3

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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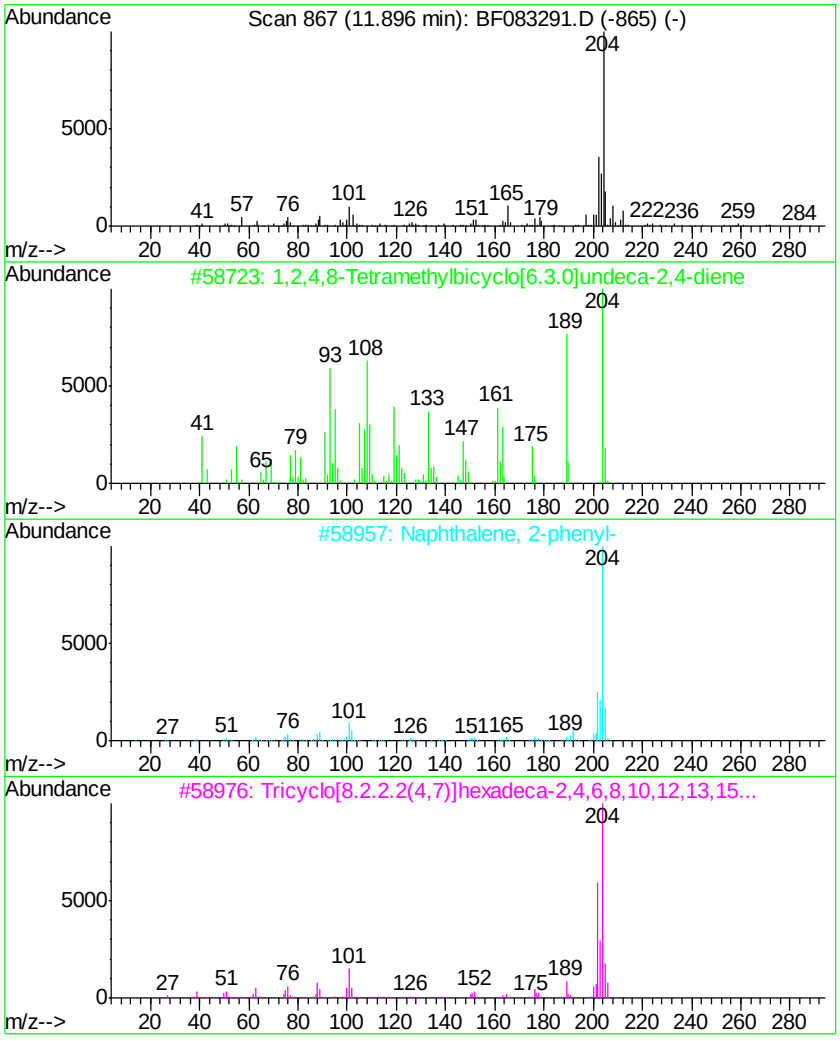
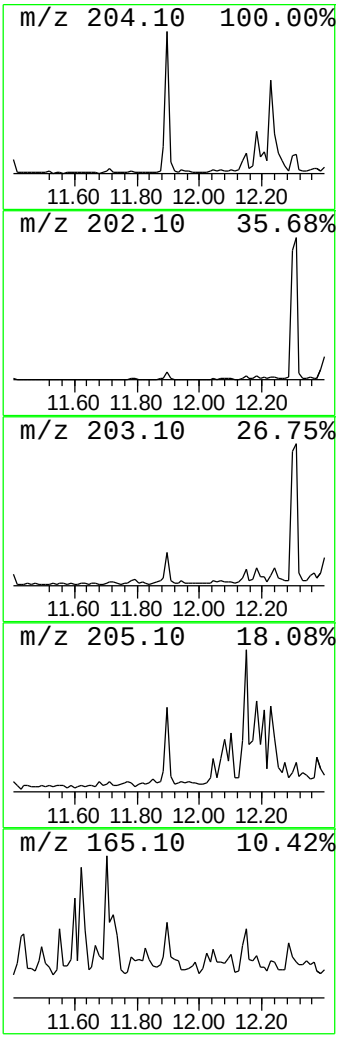
Peak Number 12 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	3.03 ng	163994	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	83
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	2-Phenylnaphthalene	204	C16H12	035465-71-5	62
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	49





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Acq On : 25 Nov 2015 23:47
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Sample : G4567-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-GRAB3

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.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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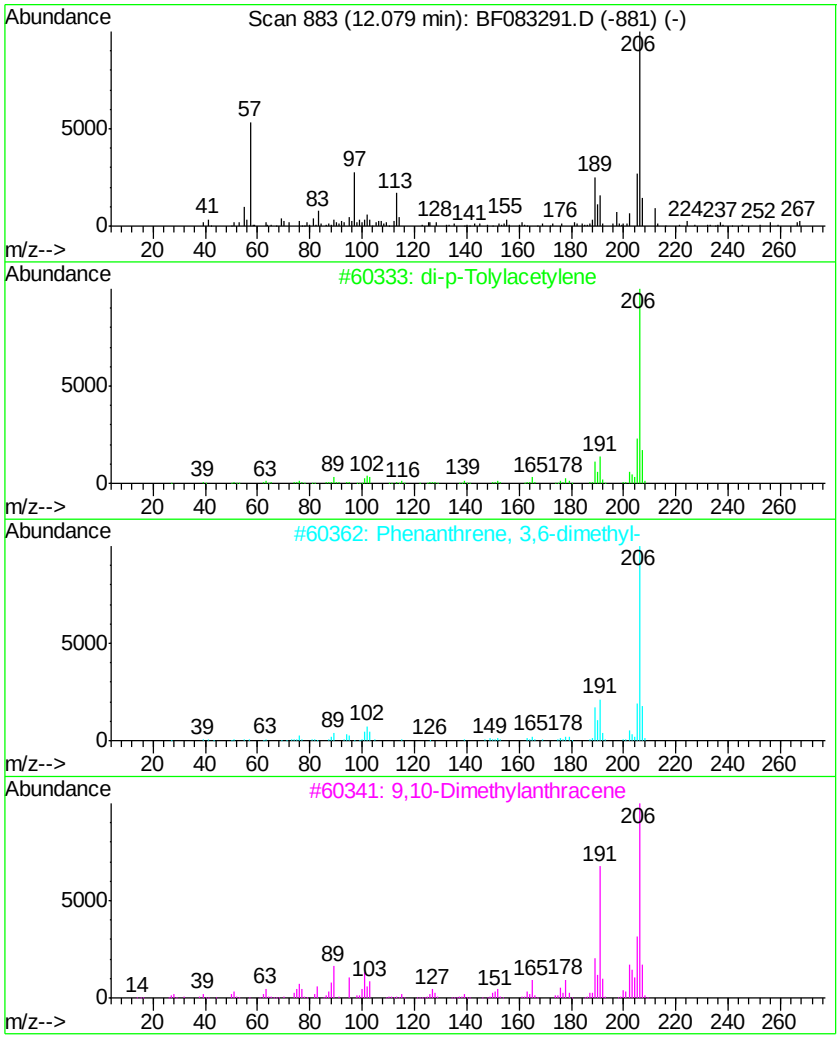
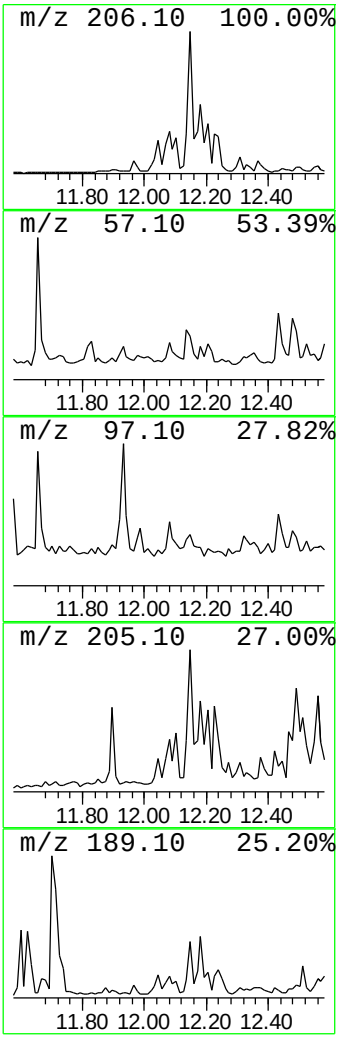
Peak Number 13 di-p-Tolylacetylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	4.16 ng	224951	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	76
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	59
4	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	53
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	50





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Operator : UM/IZ
Sample : G4567-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-GRAB3

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.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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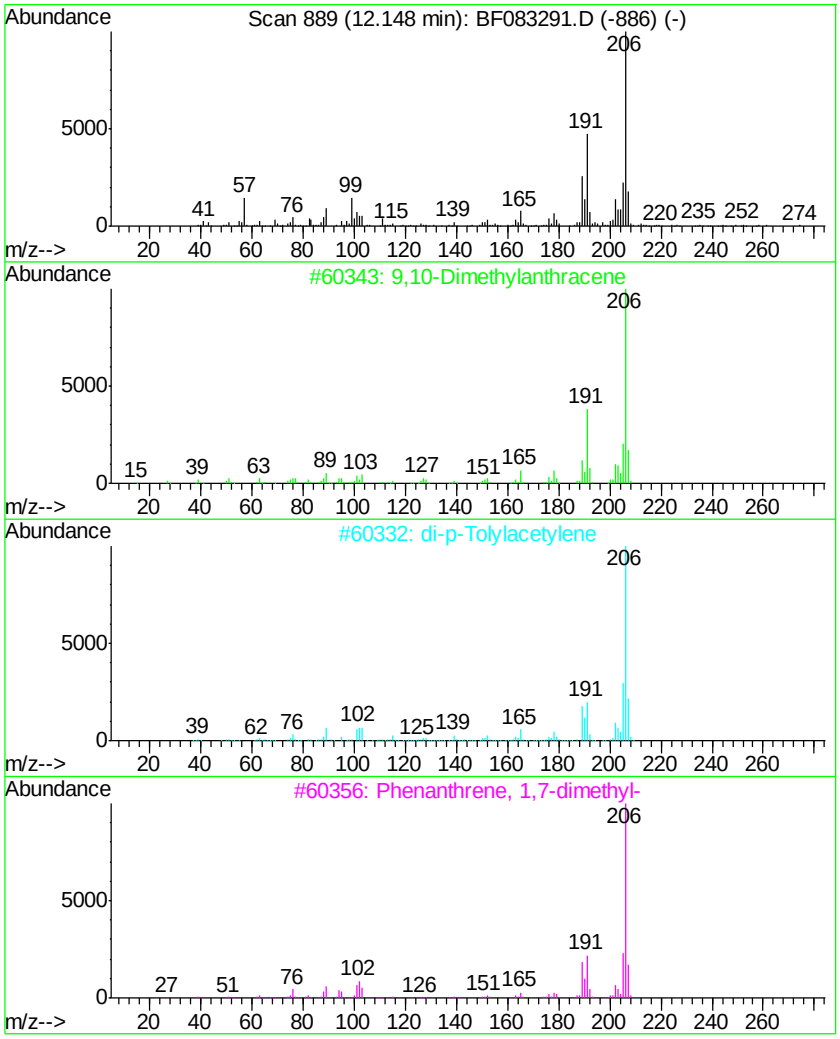
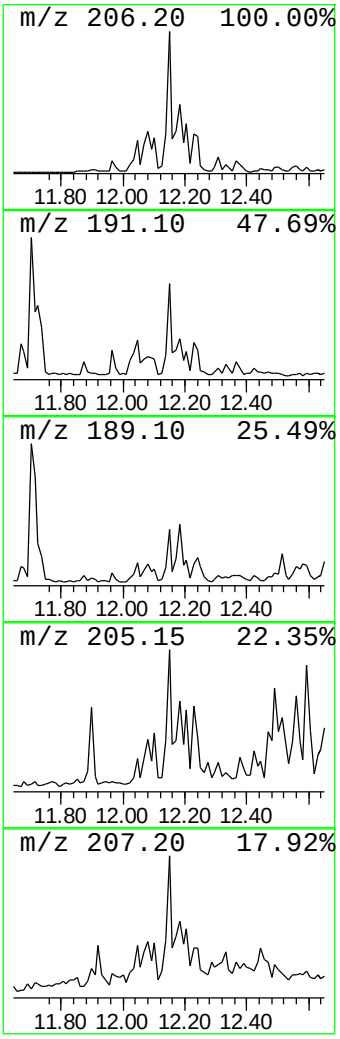
Peak Number 14 9,10-Dimethylanthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	7.54 ng	407669	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93





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Operator : UM/IZ
Sample : G4567-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-GRAB3

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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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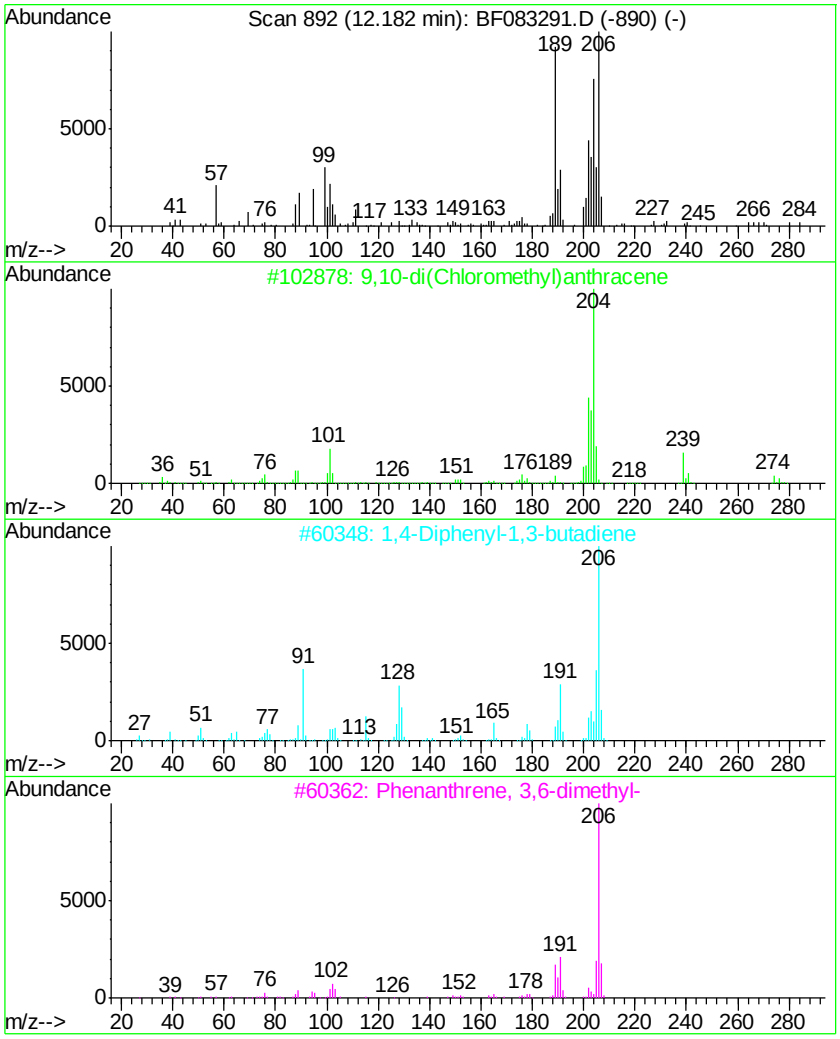
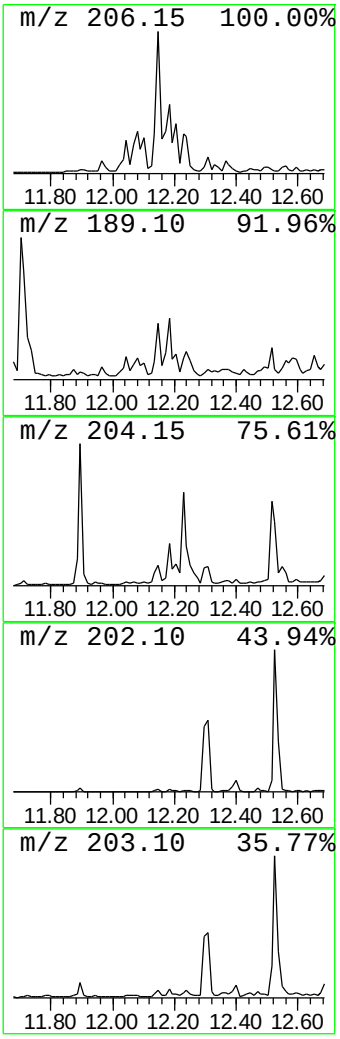
Peak Number 15 unknown12.18 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	6.82 ng	368631	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	35
2	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	25
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	25
4	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	25
5	4-Pyridinol 3,5-dichloro-2-ethyl...	205	C8H9Cl2NO	1000253-55-0	22





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Sample : G4567-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-GRAB3

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
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TIC Integration Parameters: LSCINT.P

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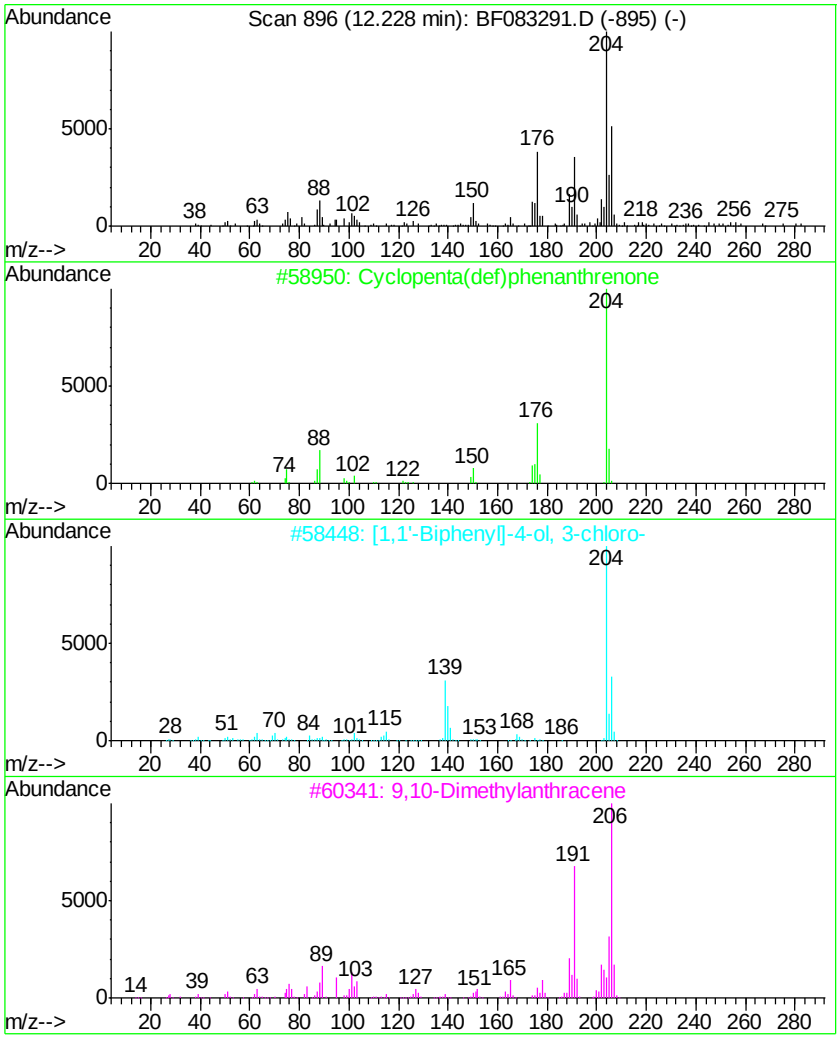
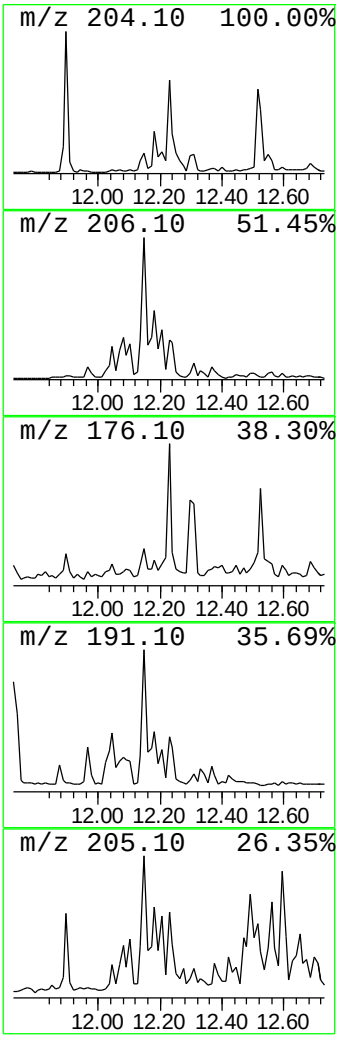
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	4.19 ng	226729	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	70
2	[1,1'-Biphenyl]-4-ol, 3-chloro-	204	C12H9ClO	000092-04-6	43
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	42
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	41
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	38





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Sample : G4567-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-GRAB3

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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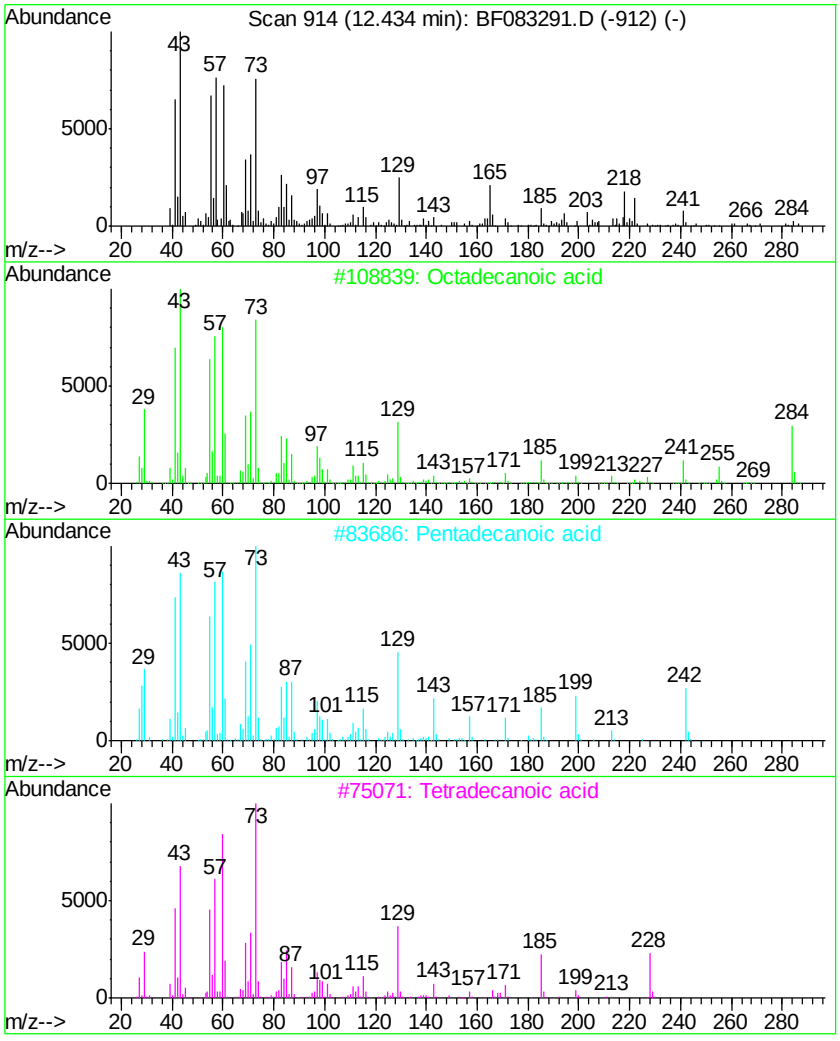
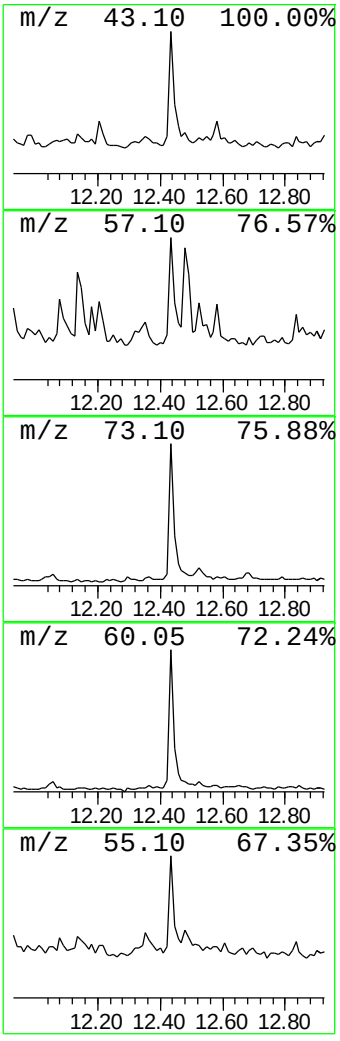
Peak Number 18 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	2.92 ng	447891	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Tridecanoic acid	214	C13H26O2	000638-53-9	52
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43





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Sample : G4567-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
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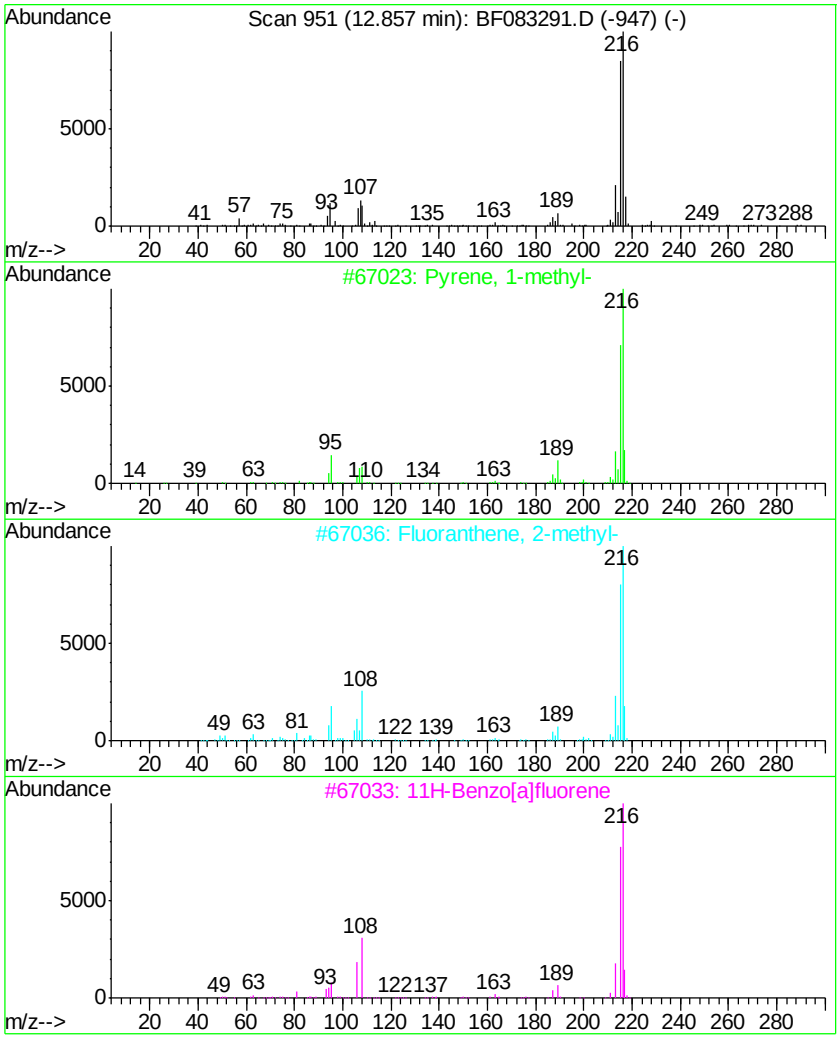
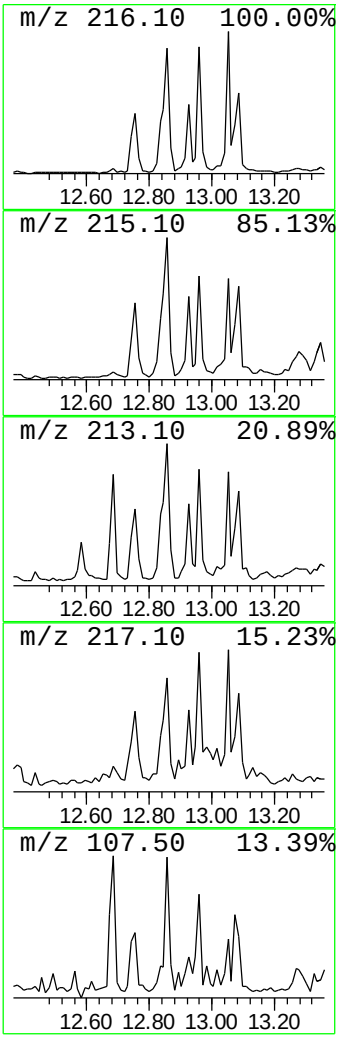
Peak Number 19 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	3.61 ng	553680	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





Tentatively Identified Compound (LSC) summary

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Data File : BF083291.D
Acq On : 25 Nov 2015 23:47
Operator : UM/IZ
Sample : G4567-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-GRAB3

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.71	43.3	ng	2049240	1	6.58	945562	20.0
unknown6.36	6.36	78.6	ng	3717920	1	6.58	945562	20.0
Naphthalene, 2,3,...	9.83	3.4	ng	215980	3	9.62	1286770	20.0
Pentadecane, 7-me...	10.08	3.4	ng	220326	3	9.62	1286770	20.0
Tridecane	10.55	7.3	ng	392958	4	11.10	1081580	20.0
unknown10.99	10.99	3.1	ng	169029	4	11.10	1081580	20.0
Phenanthrene, 2-m...	11.60	3.4	ng	183770	4	11.10	1081580	20.0
1H-Cyclopropa[l]p...	11.62	5.3	ng	288559	4	11.10	1081580	20.0
n-Hexadecanoic acid	11.66	13.9	ng	750071	4	11.10	1081580	20.0
1,2,4,8-Tetrameth...	11.90	3.0	ng	163994	4	11.10	1081580	20.0
di-p-Tolylacetylene	12.08	4.2	ng	224951	4	11.10	1081580	20.0
9,10-Dimethylanth...	12.15	7.5	ng	407669	4	11.10	1081580	20.0
unknown12.18	12.18	6.8	ng	368631	4	11.10	1081580	20.0
Cyclopenta(def)ph...	12.23	4.2	ng	226729	4	11.10	1081580	20.0
Octadecanoic acid	12.43	2.9	ng	447891	5	13.73	3067290	20.0
Pyrene, 1-methyl-	12.86	3.6	ng	553680	5	13.73	3067290	20.0