LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093027.D
Acq On : 17 Feb 2017 22:53
Operator : SJ/MA
Sample : I1884-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-B-COMP

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-BF013017.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	3.755	143	146	149	rVB	67129	105847	4.58%	0.264%
2	4.487	207	210	212	rBV	82884	127413	5.51%	0.318%
3	5.013	253	256	259	rBV	722708	832805	36.00%	2.076%
4	5.401	286	290	292	rBV2	105224	181541	7.85%	0.453%
5	5.447	292	294	297	rVB	2078330	1920066	83.00%	4.787%
6	5.664	312	313	315	rVV2	80625	109696	4.74%	0.273%
7	6.087	347	350	354	rBV3	55658	103152	4.46%	0.257%
8	6.373	374	375	377	rBV	95506	102214	4.42%	0.255%
9	6.499	383	386	393	rVV	2220522	2313195	100.00%	5.767%
10	6.624	395	397	400	rVB	2365594	2007311	86.78%	5.004%
11	6.693	400	403	405	rBV2	243967	312392	13.50%	0.779%
12	6.853	415	417	421	rVB	876918	987612	42.69%	2.462%
13	6.921	421	423	424	rBV	47383	72271	3.12%	0.180%
14	7.013	429	431	435	rVB	1857050	1651286	71.39%	4.117%
15	7.116	439	440	443	rVB3	81984	151252	6.54%	0.377%
16	7.173	443	445	450	rBV4	42265	105530	4.56%	0.263%
17	7.253	450	452	454	rBV	84015	106309	4.60%	0.265%
18	7.424	465	467	469	rVV	1361713	1207015	52.18%	3.009%
19	7.459	469	470	472	rVV	196348	197451	8.54%	0.492%
20	7.504	472	474	477	rVV4	50431	101406	4.38%	0.253%
21	7.562	477	479	482	rVV2	44897	80864	3.50%	0.202%
22	7.664	482	488	490	rVB3	61590	149571	6.47%	0.373%
23	7.722	492	493	496	rVV	283533	247624	10.70%	0.617%
24	7.904	504	509	510	rBV3	72111	124861	5.40%	0.311%
25	7.950	510	513	517	rVB3	75185	176186	7.62%	0.439%
26	8.144	527	530	534	rVV3	1221480	1601354	69.23%	3.992%
27	8.213	534	536	537	rVV	155578	151334	6.54%	0.377%
28	8.362	547	549	552	rVB	255919	235089	10.16%	0.586%
29	8.419	552	554	559	rBV2	265185	368428	15.93%	0.918%
30	8.567	565	567	569	rBV	281787	299374	12.94%	0.746%
31	8.739	580	582	584	rVV	383559	314044	13.58%	0.783%
32	8.853	589	592	594	rVB3	184325	273939	11.84%	0.683%
33	8.922	594	598	600	rBV	91364	97906	4.23%	0.244%
34	8.956	600	601	603	rBV	125874	113391	4.90%	0.283%

LSC Area Percent Report

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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-B-COMP

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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.047	605	609	612	rBV4	58146	184880	7.99%	0.461%
36	9.105	612	614	615	rVB2	61718	75576	3.27%	0.188%
37	9.139	615	617	618	rBV	108443	98870	4.27%	0.246%
38	9.162	618	619	622	rVV	89948	93542	4.04%	0.233%
39	9.219	622	624	626	rVB	2345782	1977030	85.47%	4.929%
40	9.299	629	631	634	rBV2	398479	397673	17.19%	0.991%
41	9.367	634	637	640	rVB4	50898	117448	5.08%	0.293%
42	9.482	645	647	649	rVB	76590	114048	4.93%	0.284%
43	9.562	652	654	657	rBV2	130917	285301	12.33%	0.711%
44	9.619	657	659	660	rVV	370574	374565	16.19%	0.934%
45	9.756	670	671	673	rBV2	89320	100903	4.36%	0.252%
46	9.825	676	677	680	rVB	322086	322144	13.93%	0.803%
47	9.893	681	683	685	rVV2	940767	1113388	48.13%	2.776%
48	9.927	685	686	688	rVB2	123784	121024	5.23%	0.302%
49	10.007	691	693	695	rVB	62964	87172	3.77%	0.217%
50	10.065	695	698	699	rBV3	55510	124363	5.38%	0.310%
51	10.099	699	701	703	rVB2	146613	152682	6.60%	0.381%
52	10.145	703	705	707	rVB2	107825	143065	6.18%	0.357%
53	10.213	709	711	712	rBV	118693	107794	4.66%	0.269%
54	10.305	717	719	720	rBV	106632	192192	8.31%	0.479%
55	10.328	720	721	722	rVB	464912	318930	13.79%	0.795%
56	10.442	729	731	734	rBV3	95782	152088	6.57%	0.379%
57	10.545	738	740	743	rVB2	133373	182004	7.87%	0.454%
58	10.602	743	745	746	rVB2	66675	80227	3.47%	0.200%
59	10.682	750	752	754	rVB	1018997	906181	39.17%	2.259%
60	10.716	754	755	758	rVB2	60834	85778	3.71%	0.214%
61	10.796	761	762	766	rBV2	496087	656972	28.40%	1.638%
62	10.990	776	779	780	rBV2	82927	119970	5.19%	0.299%
63	11.025	780	782	784	rVB3	57794	100636	4.35%	0.251%
64	11.139	788	792	795	rBV3	119699	271688	11.75%	0.677%
65	11.185	795	796	798	rBV2	96884	94129	4.07%	0.235%
66	11.242	799	801	803	rBV	392301	348492	15.07%	0.869%
67	11.276	803	804	806	rVB2	186242	156896	6.78%	0.391%
68	11.322	806	808	811	rVB	167859	155400	6.72%	0.387%
69	11.379	811	813	814	rBV	1221929	1116842	48.28%	2.784%
70	11.459	818	820	821	rBV	70104	89506	3.87%	0.223%
71	11.482	821	822	824	rVB2	132647	145256	6.28%	0.362%

LSC Area Percent Report

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Acq On : 17 Feb 2017 22:53
Operator : SJ/MA
Sample : I1884-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-B-COMP

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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.550	826	828	830	rVB3	70633	124634	5.39%	0.311%
73	11.585	830	831	832	rBV	105165	126863	5.48%	0.316%
74	11.676	836	839	840	rVB	219385	287418	12.43%	0.717%
75	11.711	840	842	845	rVB3	119236	170506	7.37%	0.425%
76	11.768	845	847	848	rBV	283676	320722	13.86%	0.800%
77	11.791	848	849	852	rBV3	91046	179854	7.78%	0.448%
78	11.836	852	853	855	rBV	127096	122080	5.28%	0.304%
79	11.882	855	857	858	rBV	194538	195919	8.47%	0.488%
80	11.905	858	859	862	rVB	396334	339184	14.66%	0.846%
81	11.985	864	866	868	rVV2	269717	441512	19.09%	1.101%
82	12.076	872	874	876	rBV	285968	268959	11.63%	0.671%
83	12.179	881	883	888	rBV	446183	562119	24.30%	1.401%
84	12.328	892	896	897	rBV2	133036	216761	9.37%	0.540%
85	12.362	897	899	903	rBV3	113437	269249	11.64%	0.671%
86	12.431	903	905	906	rBV	379034	351130	15.18%	0.875%
87	12.465	906	908	911	rVB	377442	436191	18.86%	1.087%
88	12.522	911	913	915	rBV	101822	177010	7.65%	0.441%
89	12.591	917	919	922	rBV	793813	731759	31.63%	1.824%
90	12.636	922	923	926	rVV2	119403	147828	6.39%	0.369%
91	12.819	936	939	942	rBV	743469	938679	40.58%	2.340%
92	12.876	942	944	946	rVB2	171336	181122	7.83%	0.452%
93	12.956	950	951	954	rVB	920988	1256620	54.32%	3.133%
94	13.036	956	958	959	rBV2	147571	167108	7.22%	0.417%
95	13.196	970	972	975	rBV2	127565	243259	10.52%	0.606%
96	13.539	1000	1002	1003	rBV	156914	205556	8.89%	0.512%
97	14.019	1041	1044	1050	rVB2	878798	1675185	72.42%	4.176%
98	15.037	1131	1133	1137	rBV	264165	519011	22.44%	1.294%
99	15.391	1162	1164	1167	rVV	282886	399734	17.28%	0.997%
100	15.459	1167	1170	1178	rVB2	538728	961870	41.58%	2.398%

Sum of corrected areas: 40112226

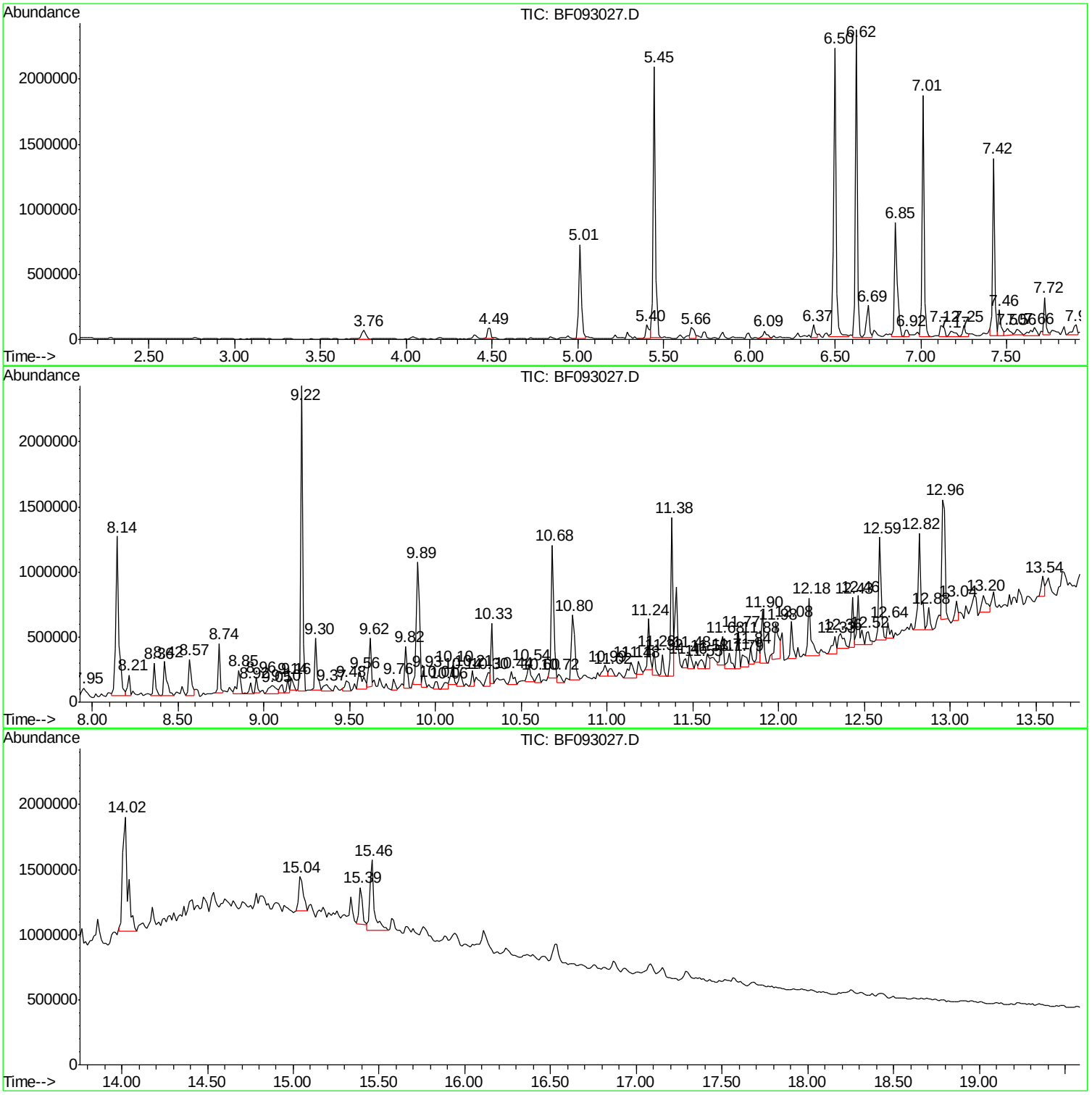
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093027.D
Acq On : 17 Feb 2017 22:53
Operator : SJ/MA
Sample : I1884-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIT-B-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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\BF021717\
Data File : BF093027.D
Acq On : 17 Feb 2017 22:53
Operator : SJ/MA
Sample : I1884-04 2X
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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-B-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

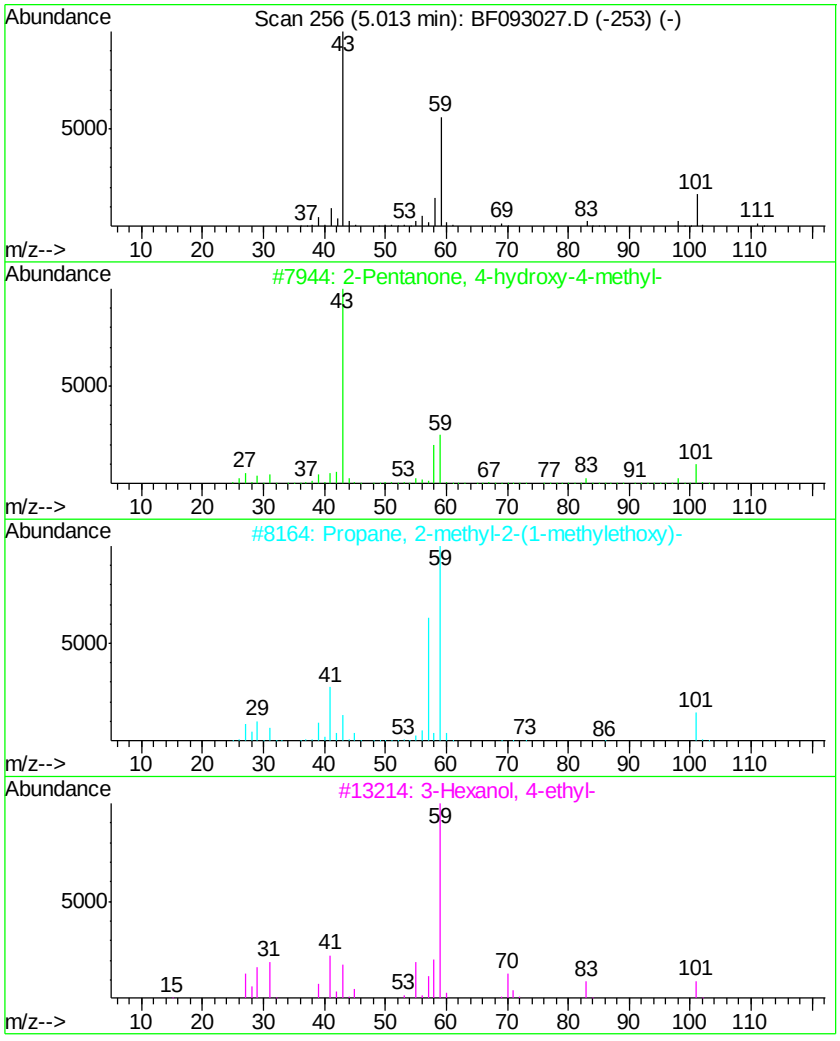
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

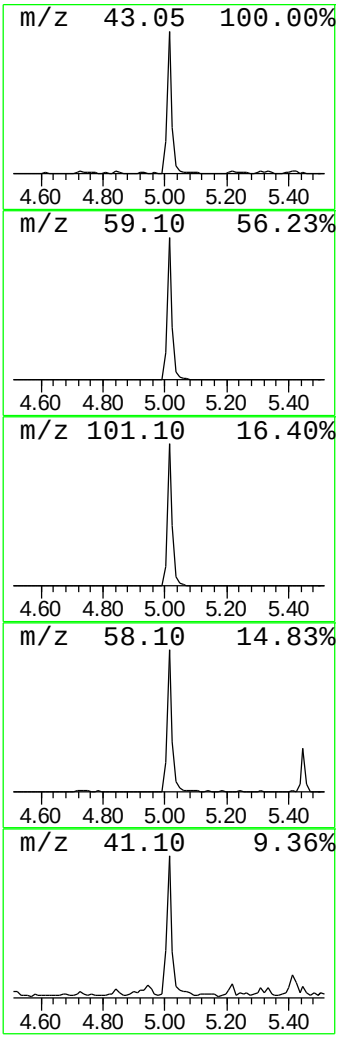
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	16.87 ng	832805	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093027.D
Acq On : 17 Feb 2017 22:53
Operator : SJ/MA
Sample : I1884-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-B-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

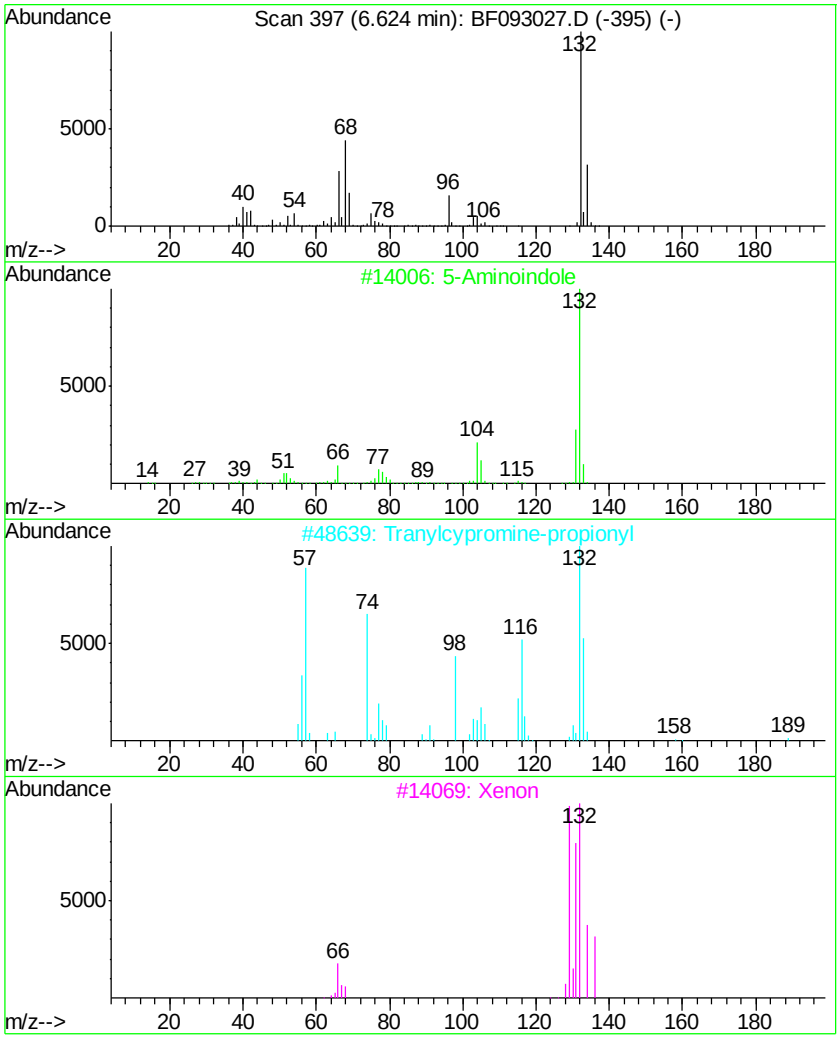
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

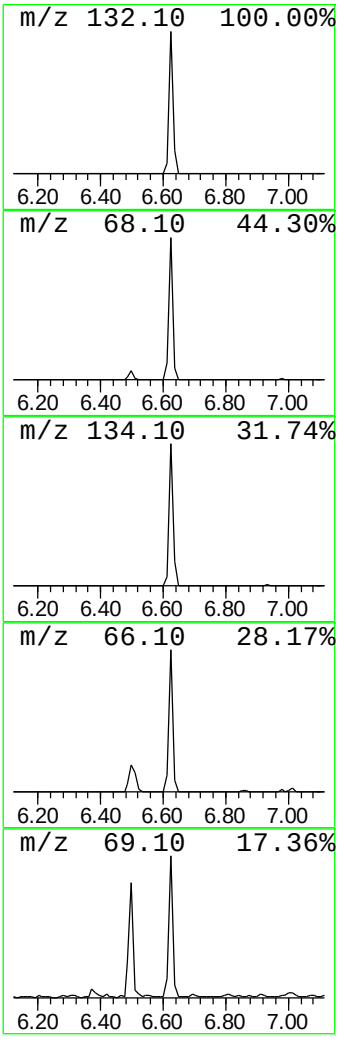
****

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	40.65 ng	2007310	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Xenon	132	Xe	007440-63-3	9
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Misc :
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Instrument : BNA_F
ClientSampleId : PIT-B-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

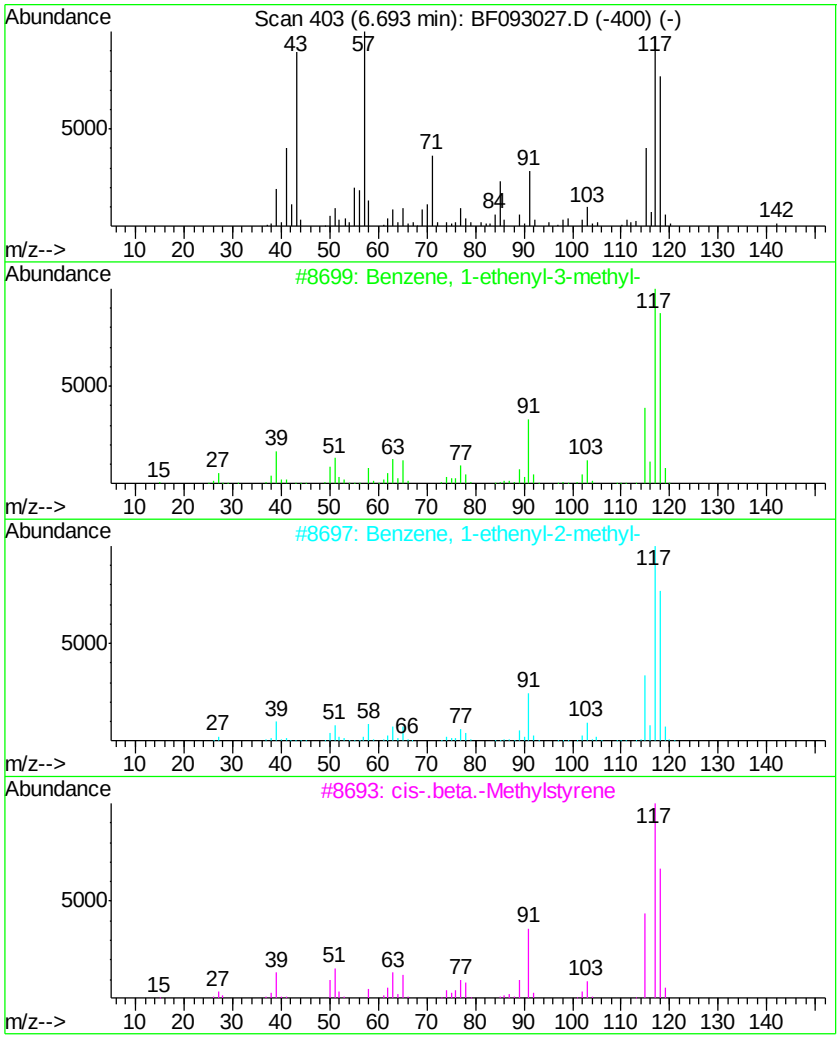
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

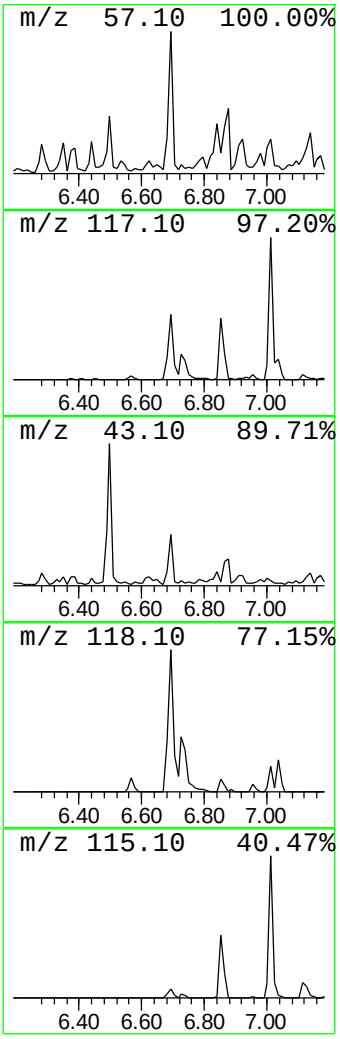
****

Peak Number 3 Benzene, 1-ethenyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	6.33 ng	312392	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	92
3	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	90
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	90
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	89





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Sample : I1884-04 2X
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Instrument : BNA_F
ClientSampleId : PIT-B-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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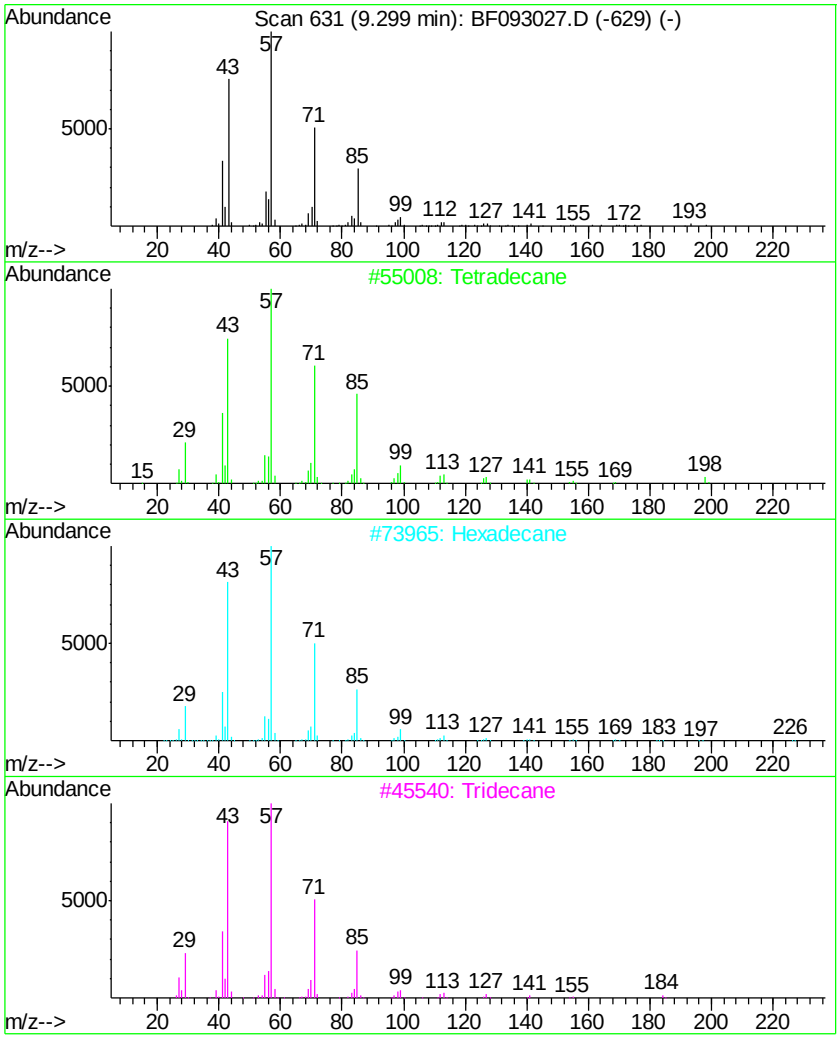
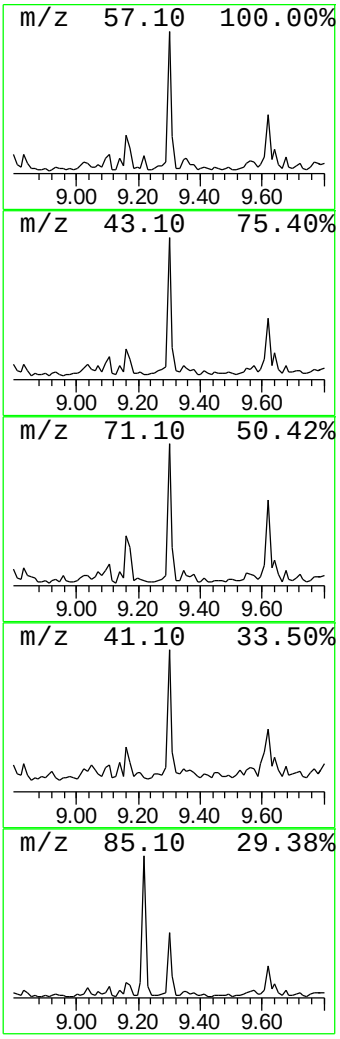
Peak Number 5 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	7.14 ng	397673	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane	184	C13H28	000629-50-5	86
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	62
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093027.D
Acq On : 17 Feb 2017 22:53
Operator : SJ/MA
Sample : I1884-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-B-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

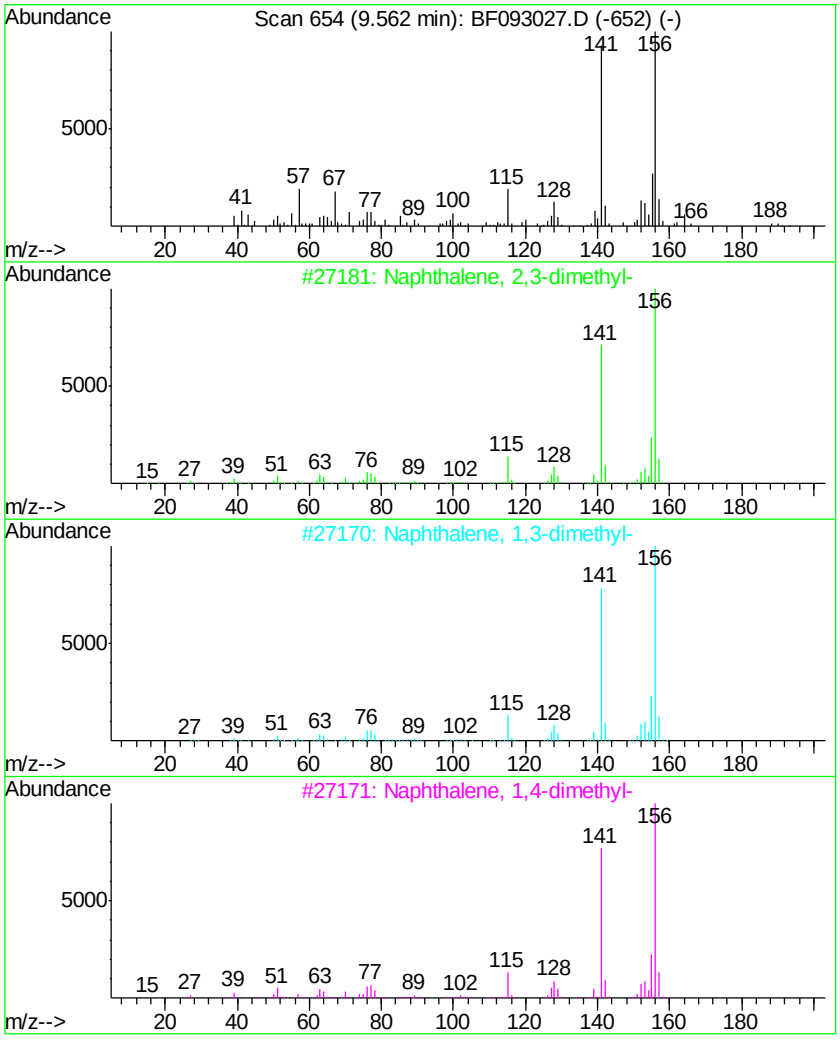
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

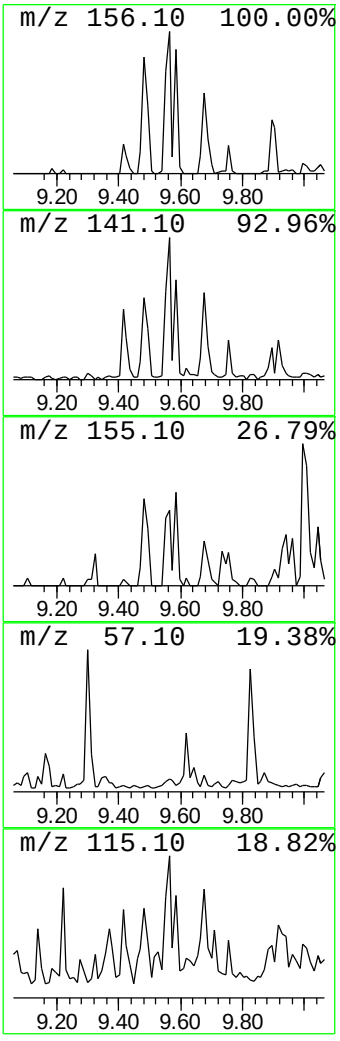
****

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	5.12 ng	285301	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093027.D
Acq On : 17 Feb 2017 22:53
Operator : SJ/MA
Sample : I1884-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-B-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

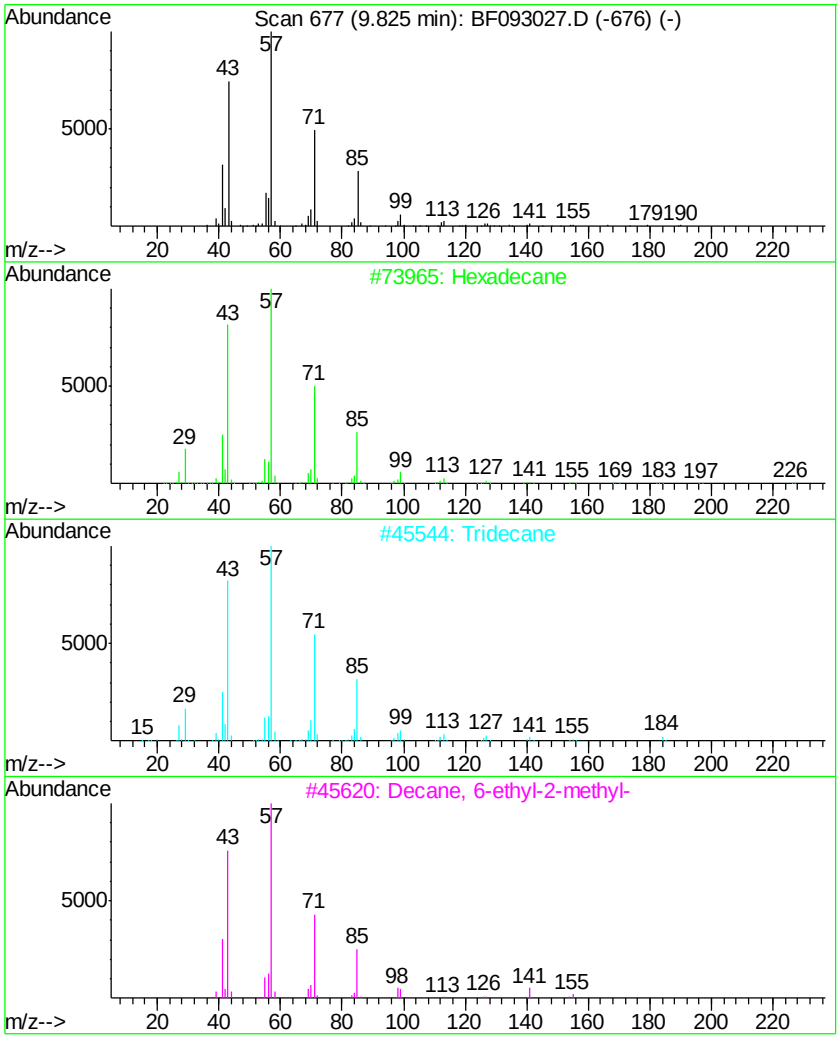
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

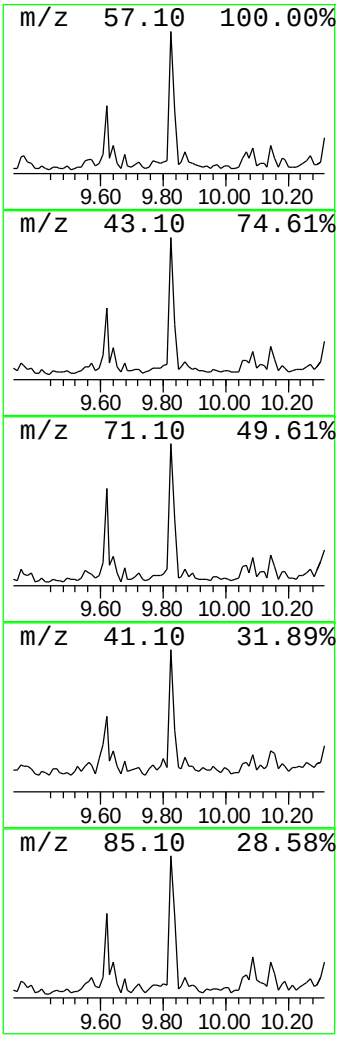
****

Peak Number 7 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	5.79 ng	322144	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane	184	C13H28	000629-50-5	86
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83
4	Undecane	156	C11H24	001120-21-4	78
5	Tetradecane	198	C14H30	000629-59-4	72





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Acq On : 17 Feb 2017 22:53
Operator : SJ/MA
Sample : I1884-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-B-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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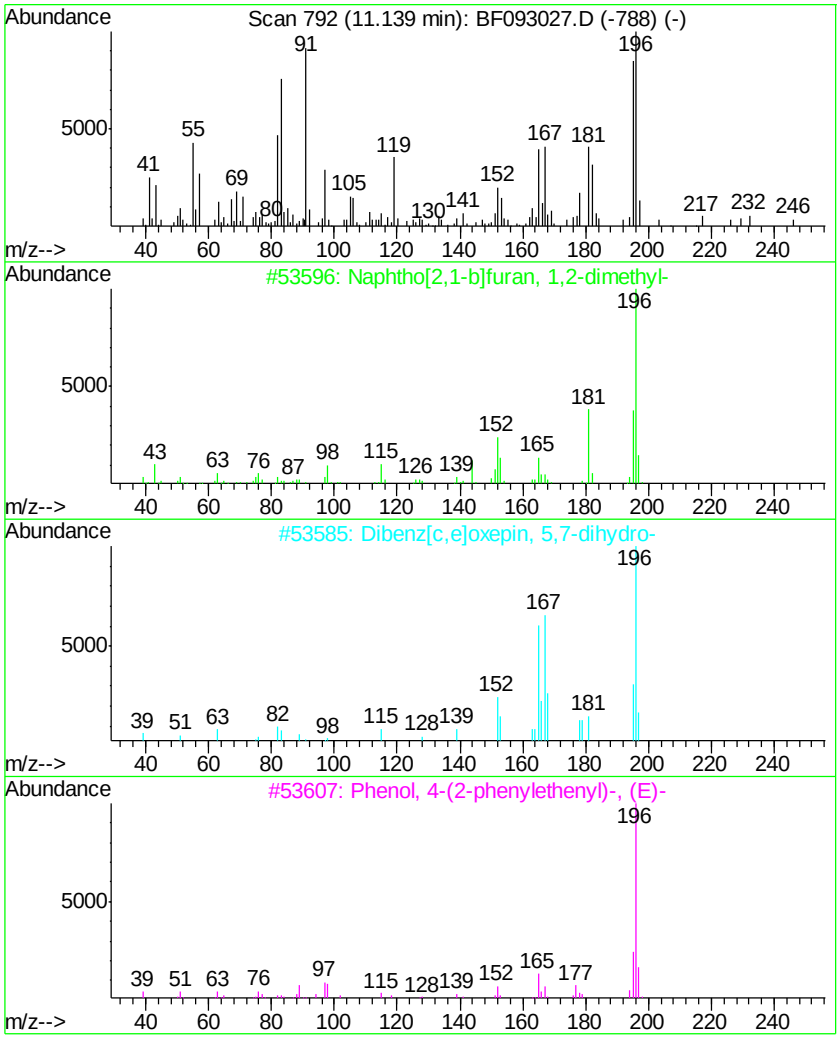
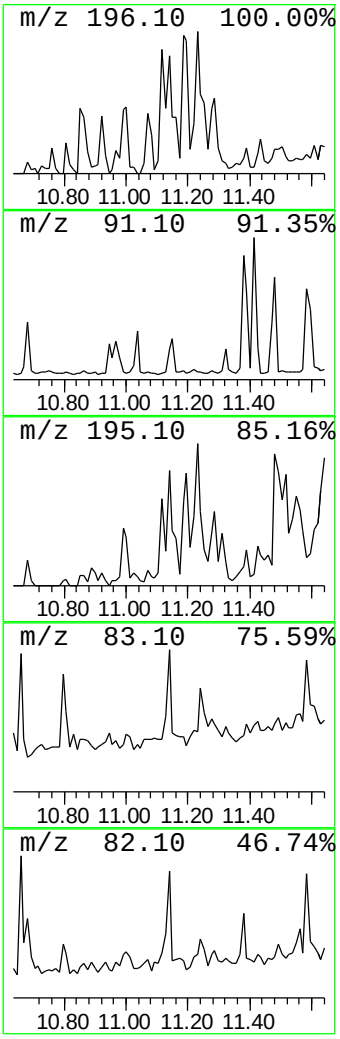
Peak Number 10 unknown11.14 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	4.87 ng	271688	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	42
2	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	41
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	38
4	Methanone, diphenyl-, hydrazone	196	C13H12N2	005350-57-2	25
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	25





Library Search Compound Report

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Data File : BF093027.D
Acq On : 17 Feb 2017 22:53
Operator : SJ/MA
Sample : I1884-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-B-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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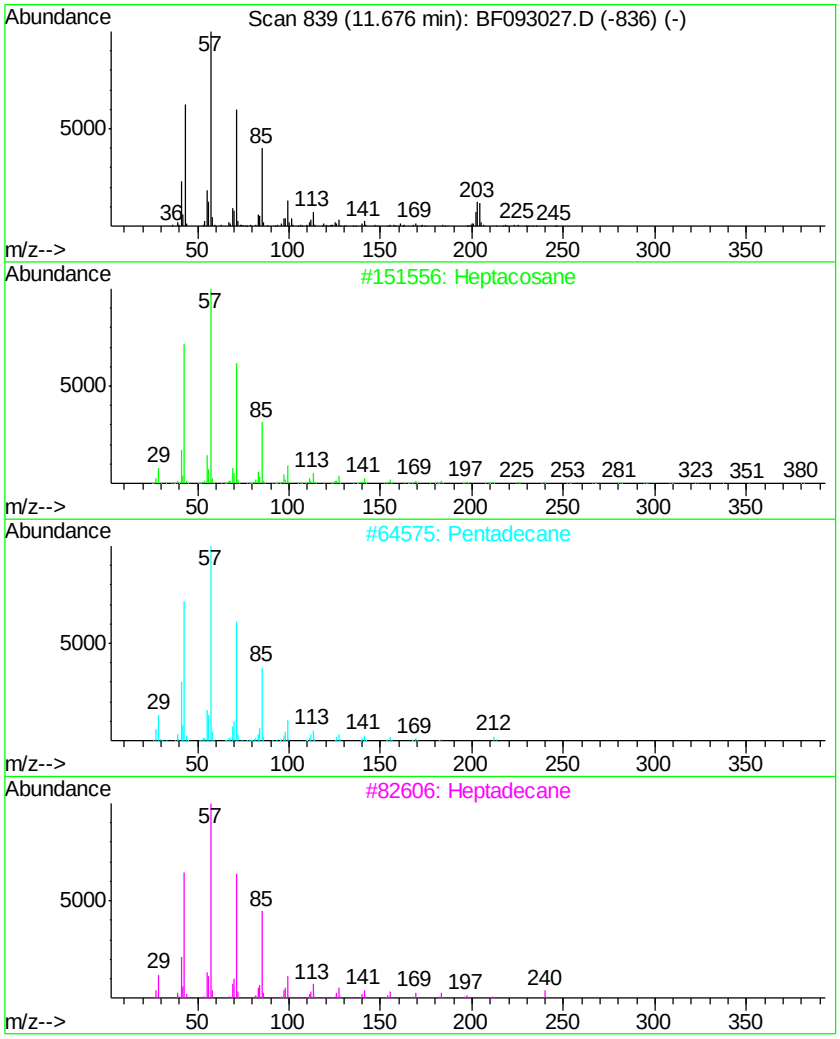
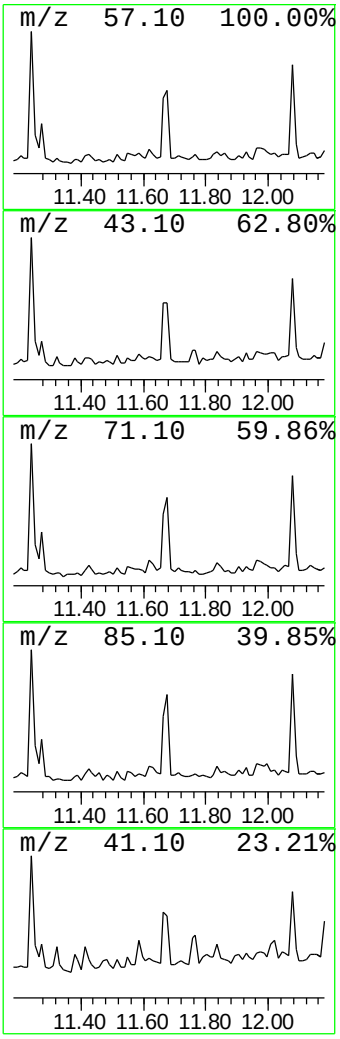
Peak Number 12 Heptacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	5.15 ng	287418	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	76
2	Pentadecane	212	C15H32	000629-62-9	72
3	Heptadecane	240	C17H36	000629-78-7	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Heneicosane	296	C21H44	000629-94-7	64





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Acq On : 17 Feb 2017 22:53
Operator : SJ/MA
Sample : I1884-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-B-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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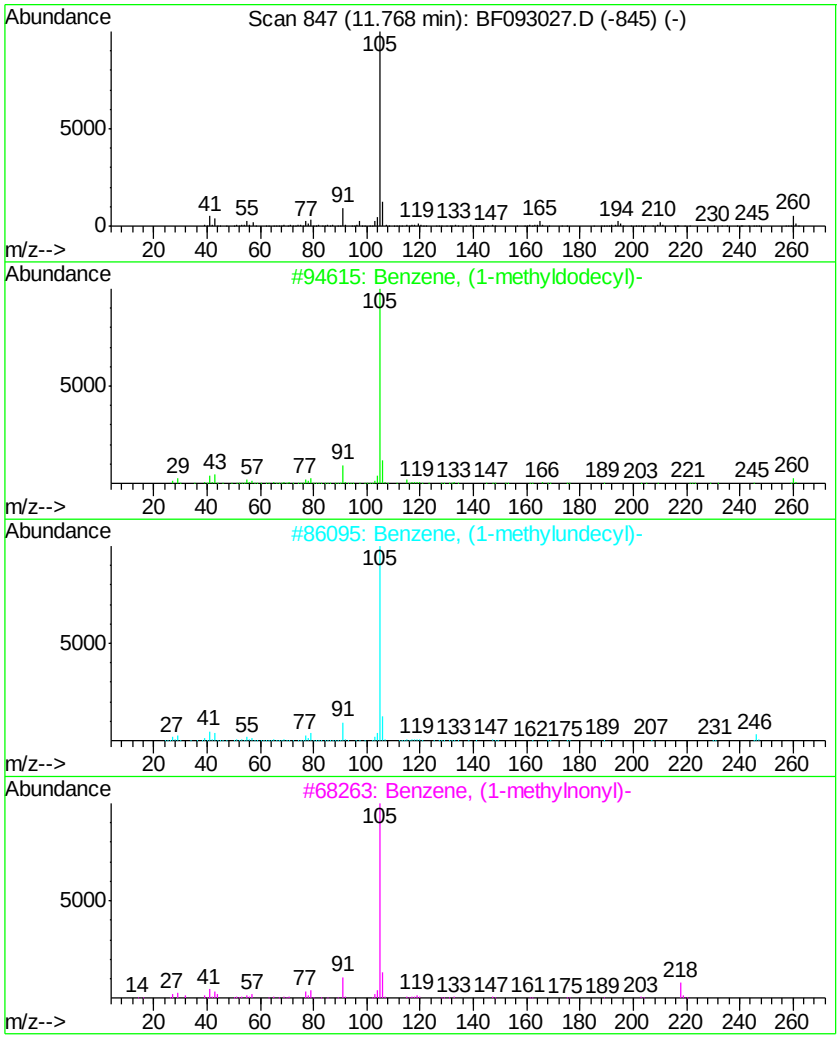
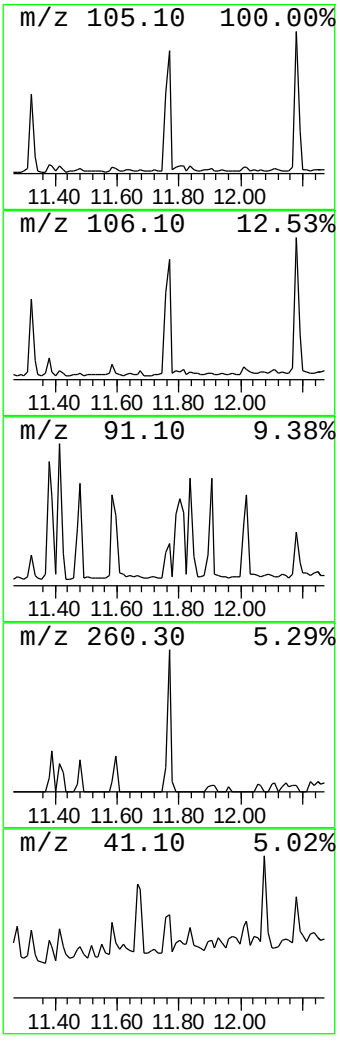
Peak Number 13 Benzene, (1-methyldodecyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	5.74 ng	320722	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	93
2	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	70
3	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	53
4	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	53
5	Propionamide, 3-[pyrrolidin-2-on...	260	C15H20N2O2	1000129-95-3	40





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Acq On : 17 Feb 2017 22:53
Operator : SJ/MA
Sample : I1884-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-B-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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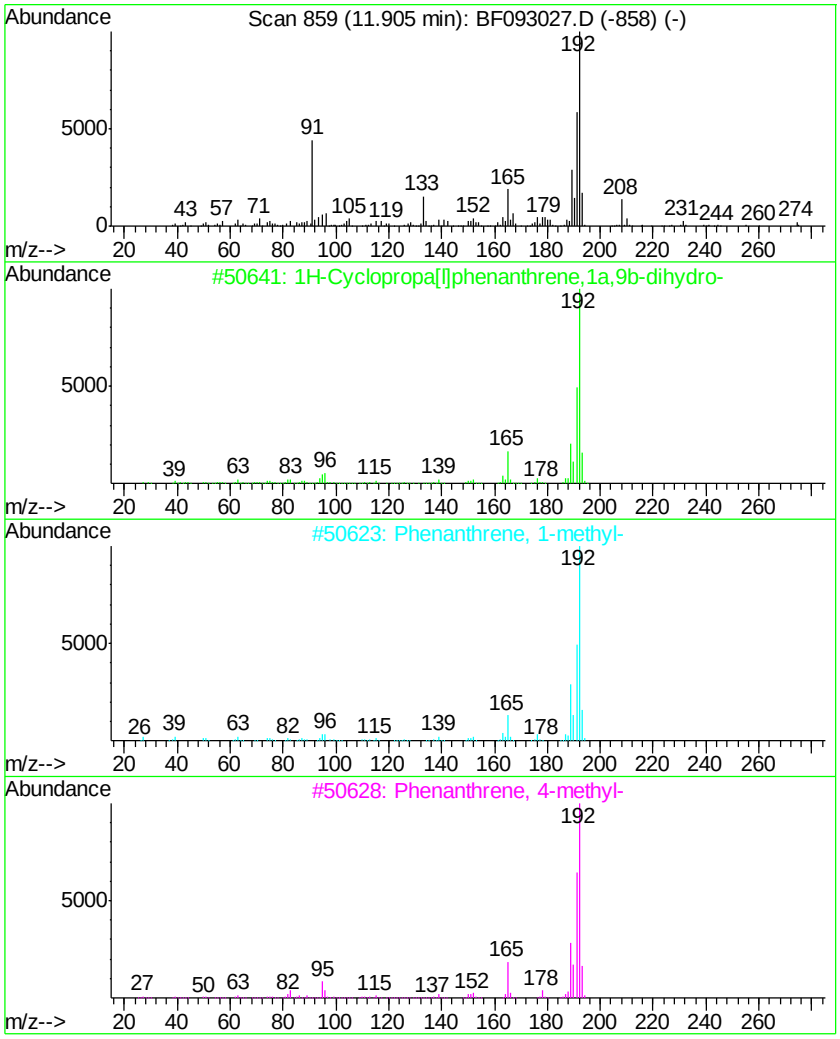
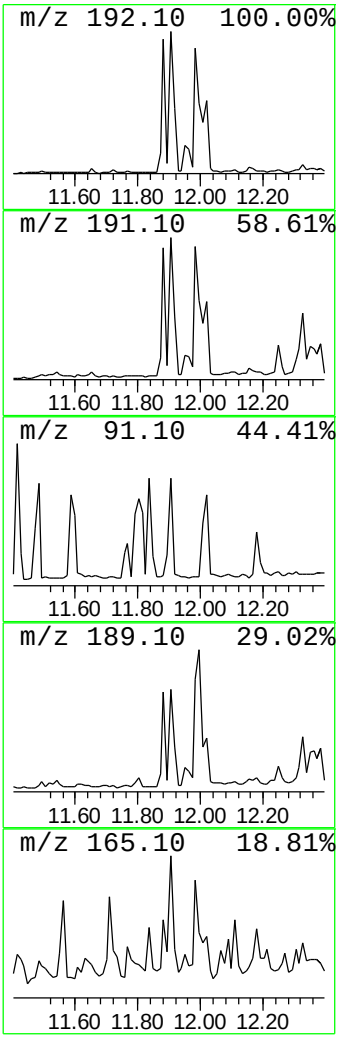
Peak Number 14 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	6.07 ng	339184	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	92
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89





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Acq On : 17 Feb 2017 22:53
Operator : SJ/MA
Sample : I1884-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-B-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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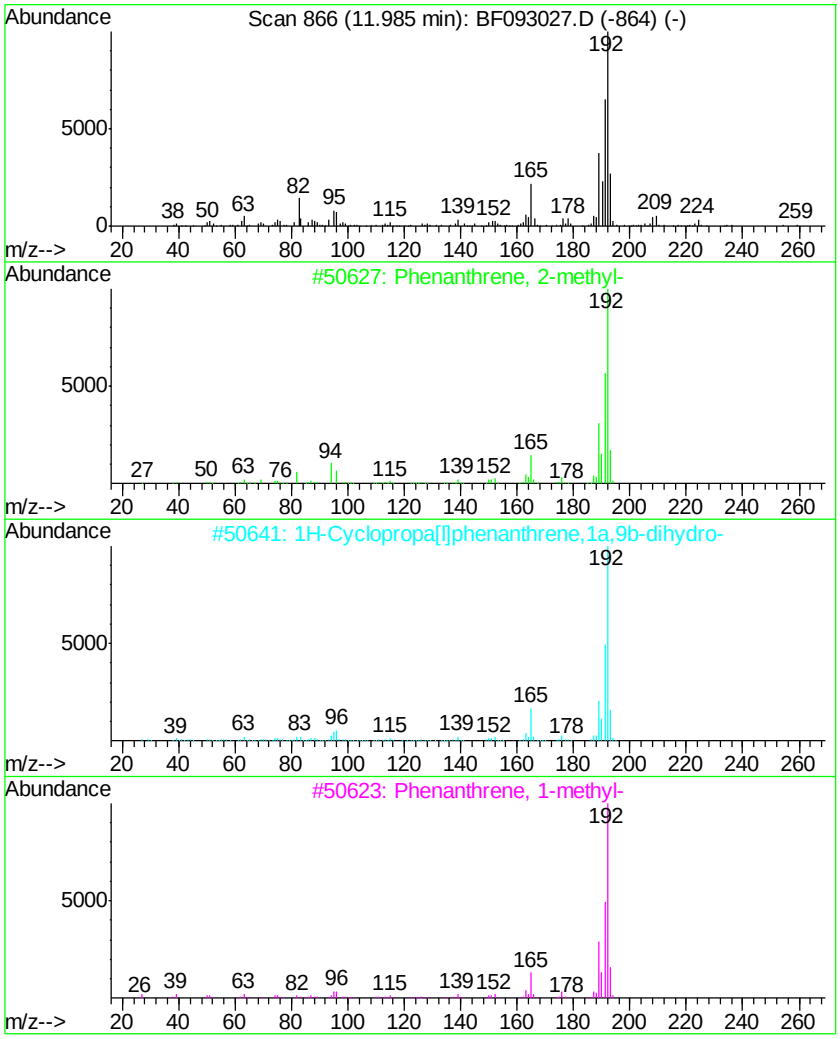
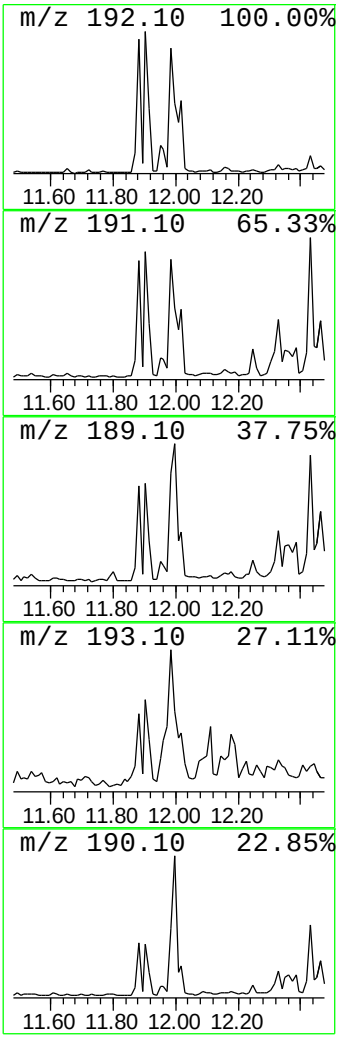
Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	7.91 ng	441512	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	92
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	92





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
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Acq On : 17 Feb 2017 22:53
Operator : SJ/MA
Sample : I1884-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-B-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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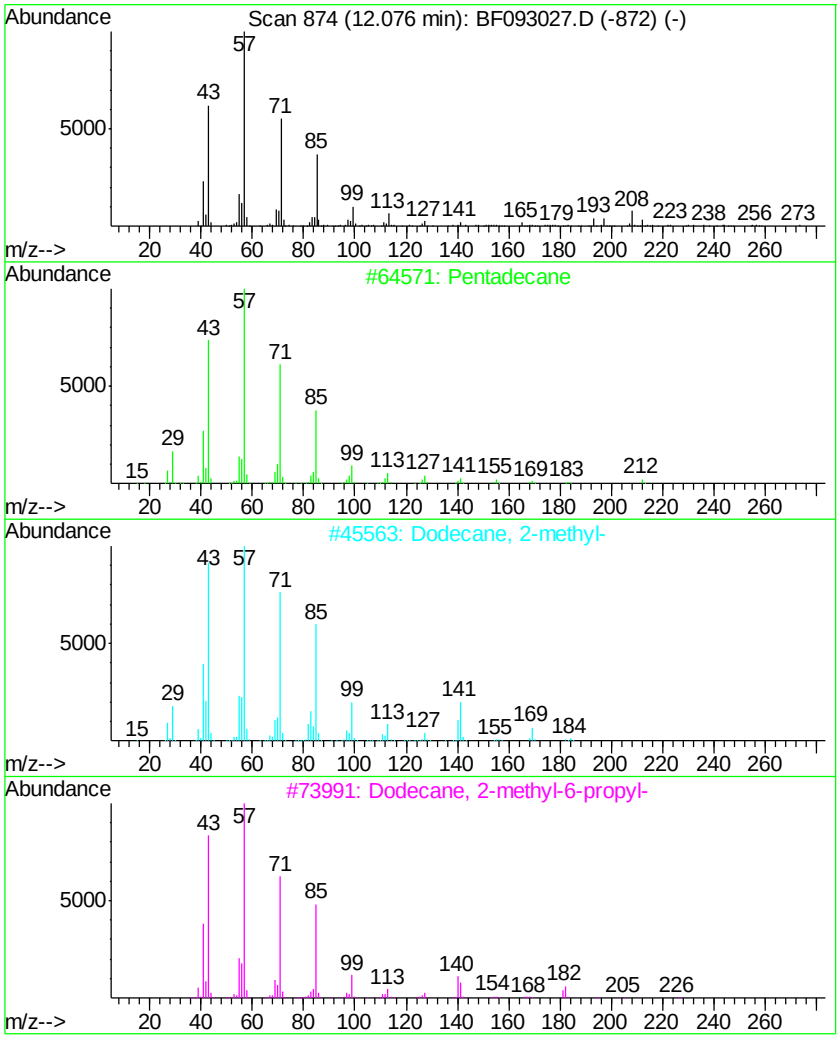
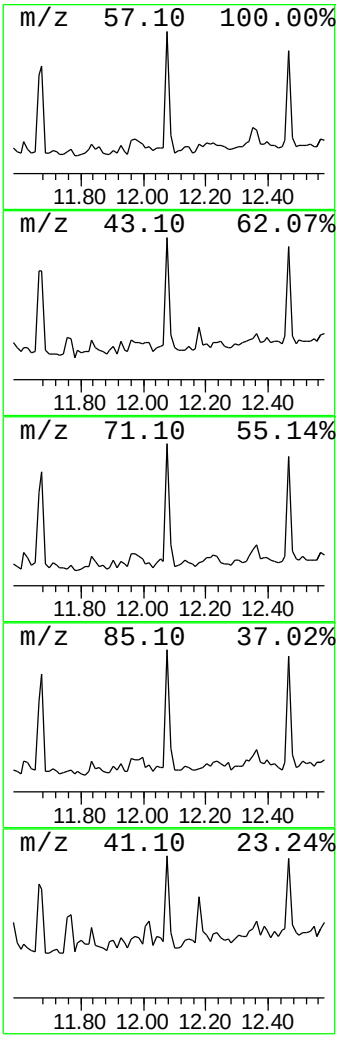
Peak Number 16 Pentadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	4.82 ng	268959	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	87
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4	Heneicosane	296	C21H44	000629-94-7	72
5	Hexadecane	226	C16H34	000544-76-3	72





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Operator : SJ/MA
Sample : I1884-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-B-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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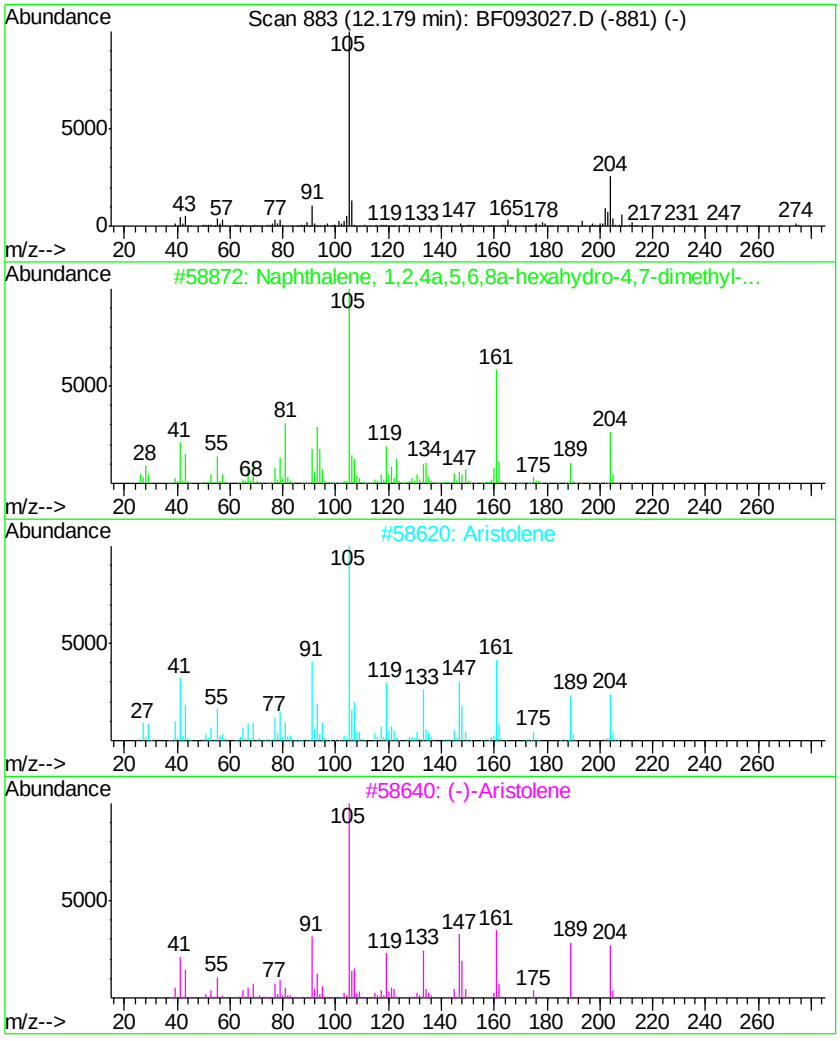
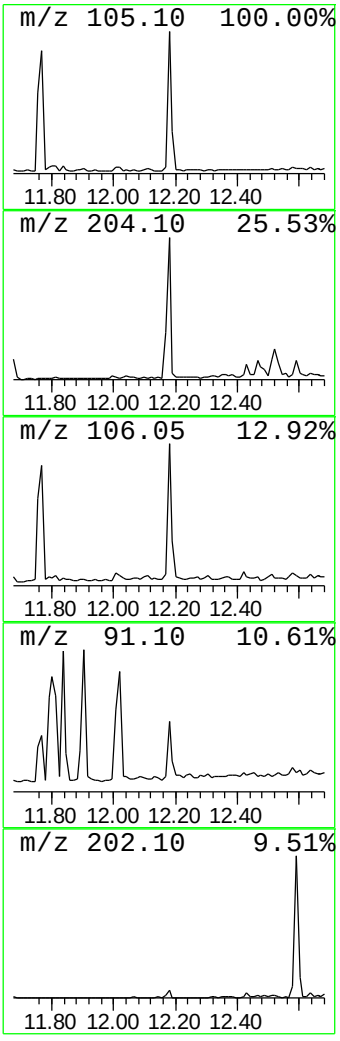
Peak Number 17 Naphthalene, 1,2,4a,5,6,8a-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	10.07 ng	562119	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	017627-24-6	50
2	Aristolene	204	C15H24	1000150-14-9	40
3	(-)-Aristolene	204	C15H24	006831-16-9	40
4	Benzene, (1-methyltridecyl)-	274	C20H34	004534-59-2	35
5	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	27





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Acq On : 17 Feb 2017 22:53
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Sample : I1884-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-B-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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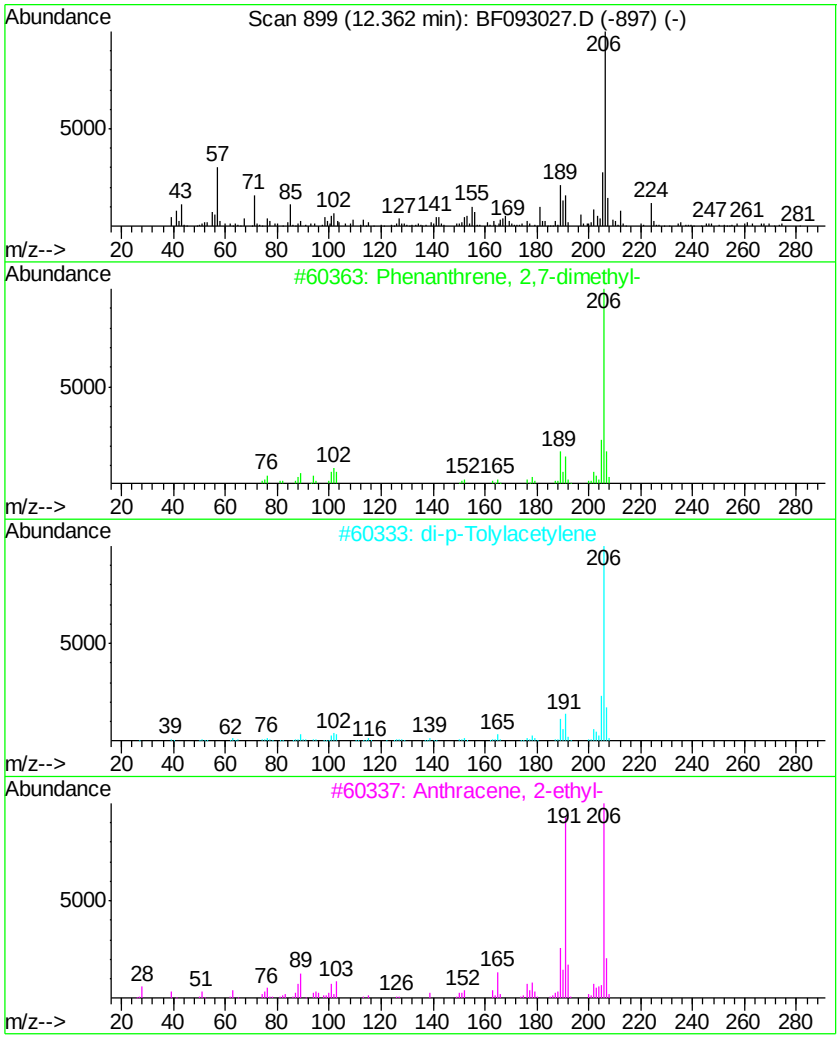
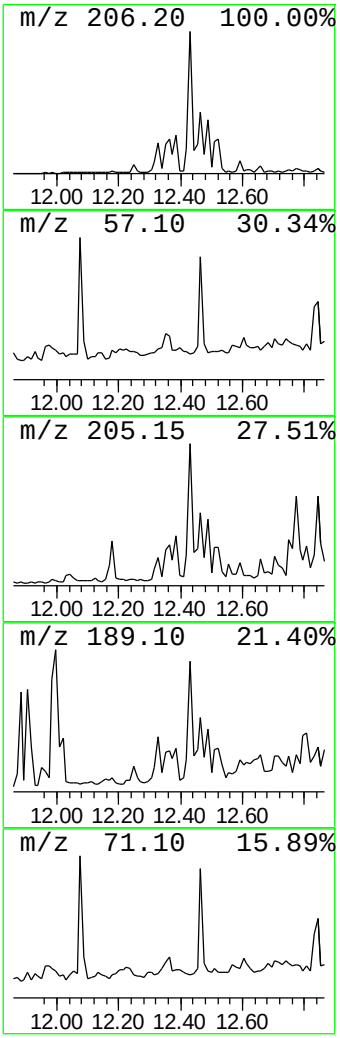
Peak Number 18 Phenanthrene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	4.82 ng	269249	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	72
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	68
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	58
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	53
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	53





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Acq On : 17 Feb 2017 22:53
Operator : SJ/MA
Sample : I1884-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-B-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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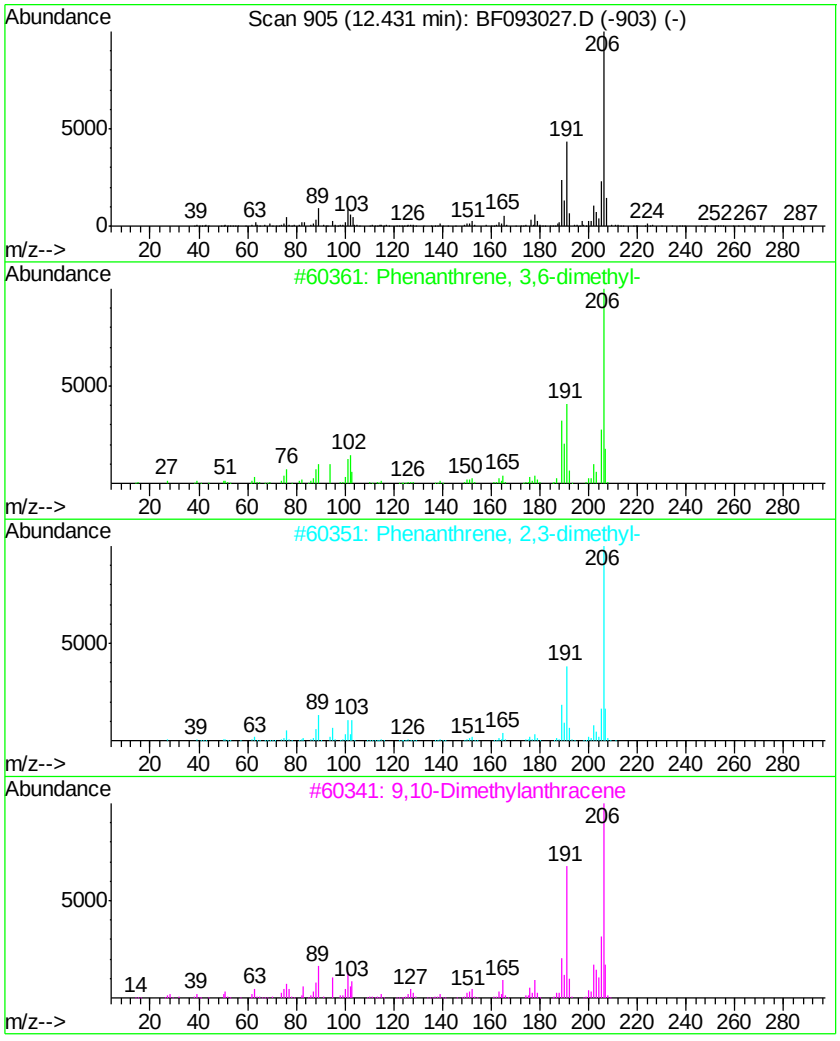
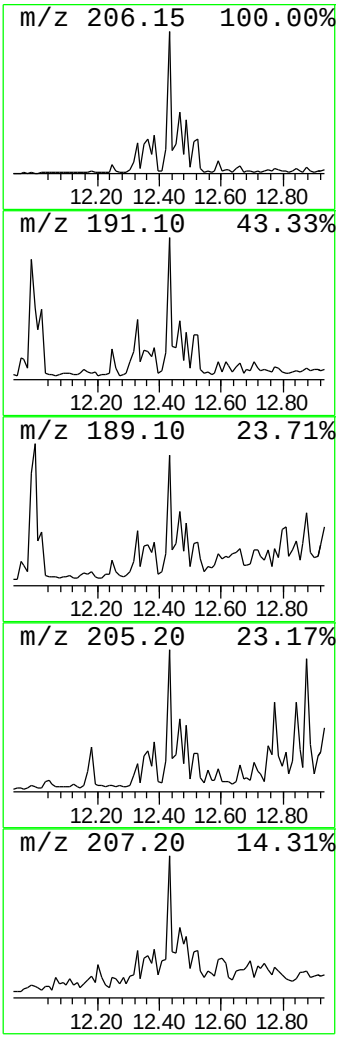
Peak Number 19 Phenanthrene, 3,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	6.29 ng	351130	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	83





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Acq On : 17 Feb 2017 22:53
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Sample : I1884-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-B-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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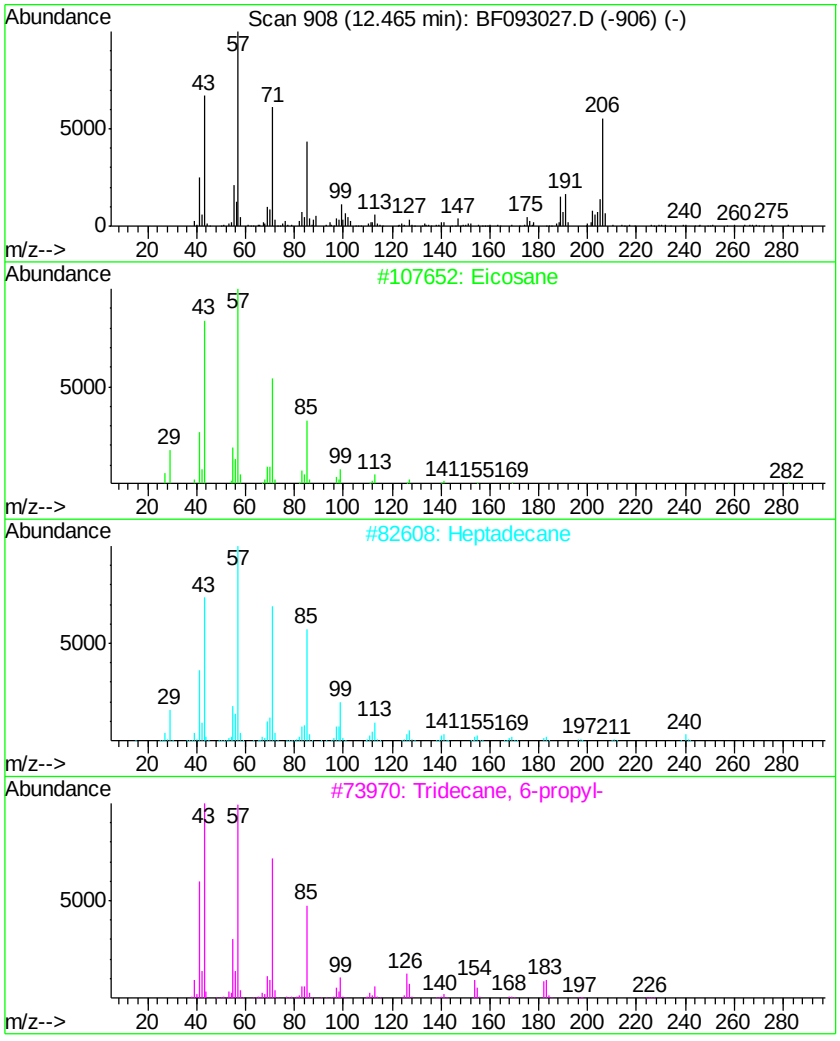
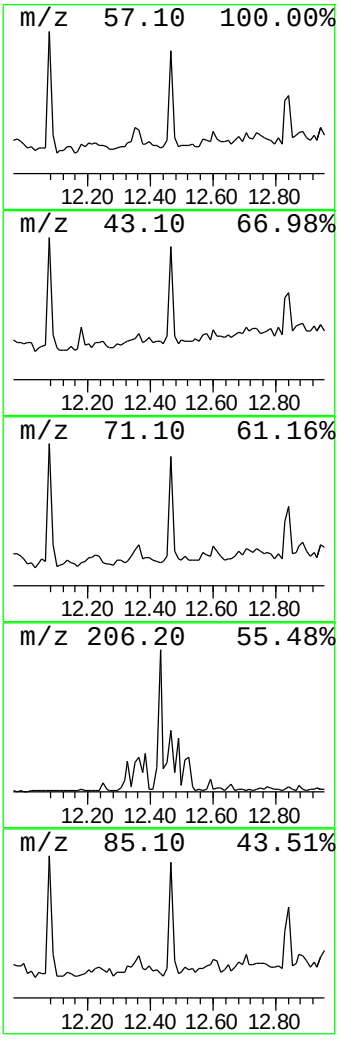
Peak Number 20 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	7.81 ng	436191	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heptadecane	240	C17H36	000629-78-7	91
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	55
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	49
5	Heneicosane	296	C21H44	000629-94-7	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093027.D
Acq On : 17 Feb 2017 22:53
Operator : SJ/MA
Sample : I1884-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-B-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.01	16.9	ng	832805	1	6.85	987612	20.0
unknown6.62	6.62	40.6	ng	2007310	1	6.85	987612	20.0
Benzene, 1-etheny...	6.69	6.3	ng	312392	1	6.85	987612	20.0
Tetradecane	9.30	7.1	ng	397673	3	9.89	1113390	20.0
Naphthalene, 2,3-...	9.56	5.1	ng	285301	3	9.89	1113390	20.0
Hexadecane	9.82	5.8	ng	322144	3	9.89	1113390	20.0
unknown11.14	11.14	4.9	ng	271688	4	11.38	1116840	20.0
Heptacosane	11.68	5.2	ng	287418	4	11.38	1116840	20.0
Benzene, (1-methy...	11.77	5.7	ng	320722	4	11.38	1116840	20.0
1H-Cyclopropa[l]p...	11.90	6.1	ng	339184	4	11.38	1116840	20.0
Phenanthrene, 2-m...	11.98	7.9	ng	441512	4	11.38	1116840	20.0
Pentadecane	12.08	4.8	ng	268959	4	11.38	1116840	20.0
Naphthalene, 1,2,...	12.18	10.1	ng	562119	4	11.38	1116840	20.0
Phenanthrene, 2,7...	12.36	4.8	ng	269249	4	11.38	1116840	20.0
Phenanthrene, 3,6...	12.43	6.3	ng	351130	4	11.38	1116840	20.0
Eicosane	12.46	7.8	ng	436191	4	11.38	1116840	20.0