LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085869.D
Acq On : 30 Mar 2016 00:46
Operator : UM/SJ
Sample : H2008-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-14

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-BF032416.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	4.984	234	236	245	rVB	70588	103824	4.17%	0.294%
2	5.407	270	273	275	rBV	1842896	2492732	100.00%	7.048%
3	6.447	361	364	366	rBV	2403972	2443710	98.03%	6.909%
4	6.573	373	375	378	rBV	2534199	2325022	93.27%	6.573%
5	6.802	393	395	398	rBV	711256	670143	26.88%	1.895%
6	6.962	407	409	411	rBV	2210489	1870003	75.02%	5.287%
7	7.373	442	445	447	rBV	1718540	1575070	63.19%	4.453%
8	8.093	505	508	510	rBV	957180	893437	35.84%	2.526%
9	8.802	569	570	575	rVB2	29993	32766	1.31%	0.093%
10	8.905	575	579	581	rBV	52039	48357	1.94%	0.137%
11	9.168	600	602	604	rBV	2343120	1921115	77.07%	5.431%
12	9.248	607	609	614	rVB2	38485	54914	2.20%	0.155%
13	9.430	623	625	627	rBV	22787	30774	1.23%	0.087%
14	9.510	630	632	635	rVV2	49832	105724	4.24%	0.299%
15	9.568	635	637	639	rVV	425905	419420	16.83%	1.186%
16	9.625	640	642	644	rVV	39406	47057	1.89%	0.133%
17	9.705	647	649	652	rVV	162313	142696	5.72%	0.403%
18	9.785	654	656	658	rVV	83775	114574	4.60%	0.324%
19	9.842	659	661	663	rVV	811688	802913	32.21%	2.270%
20	9.876	663	664	666	rVB	63007	57510	2.31%	0.163%
21	10.002	673	675	677	rBV3	22610	42741	1.71%	0.121%
22	10.048	677	679	682	rVV	100503	130452	5.23%	0.369%
23	10.093	682	683	685	rVB2	30432	38192	1.53%	0.108%
24	10.253	695	697	698	rBV	28351	41980	1.68%	0.119%
25	10.276	698	699	701	rVB	150924	116436	4.67%	0.329%
26	10.390	707	709	712	rVB	208662	186454	7.48%	0.527%
27	10.459	712	715	716	rBV2	17060	31691	1.27%	0.090%
28	10.493	716	718	721	rVV3	38399	73562	2.95%	0.208%
29	10.551	721	723	724	rVB	66788	51160	2.05%	0.145%
30	10.631	728	730	733	rBV	1123021	1134007	45.49%	3.206%
31	10.745	739	740	745	rBV3	97345	173601	6.96%	0.491%
32	10.939	754	757	758	rBV	73284	88545	3.55%	0.250%
33	10.962	758	759	761	rVV2	31197	41899	1.68%	0.118%
34	11.019	761	764	766	rVV2	22314	41415	1.66%	0.117%

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Misc :
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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.088	766	770	773	rVB3	37433	76627	3.07%	0.217%
36	11.133	773	774	776	rVB	70571	75984	3.05%	0.215%
37	11.191	776	779	781	rBV3	42331	92497	3.71%	0.262%
38	11.225	781	782	786	rVB	111276	97543	3.91%	0.276%
39	11.328	789	791	792	rBV	771699	708899	28.44%	2.004%
40	11.351	792	793	795	rVV	1438502	1246056	49.99%	3.523%
41	11.408	795	798	799	rVB	222571	260798	10.46%	0.737%
42	11.442	799	801	804	rVB2	32112	34006	1.36%	0.096%
43	11.556	808	811	815	rBV2	71823	142520	5.72%	0.403%
44	11.625	815	817	819	rVB	47051	37434	1.50%	0.106%
45	11.659	819	820	823	rVB2	40734	50455	2.02%	0.143%
46	11.739	823	827	829	rVB2	26625	47290	1.90%	0.134%
47	11.831	832	835	836	rBV	228251	209607	8.41%	0.593%
48	11.854	836	837	840	rVV	273486	346403	13.90%	0.979%
49	11.899	840	841	843	rVV	52063	71420	2.87%	0.202%
50	11.945	843	845	849	rVB2	277540	467662	18.76%	1.322%
51	12.036	849	853	854	rBV2	30136	55505	2.23%	0.157%
52	12.128	857	861	862	rBV	126153	145476	5.84%	0.411%
53	12.151	862	863	866	rVB	121407	116460	4.67%	0.329%
54	12.276	871	874	875	rBV2	50763	73785	2.96%	0.209%
55	12.299	875	876	878	rBV	25906	42594	1.71%	0.120%
56	12.379	880	883	884	rBV	119391	125182	5.02%	0.354%
57	12.414	884	886	889	rVB2	78094	138910	5.57%	0.393%
58	12.471	889	891	895	rBV2	97796	144206	5.79%	0.408%
59	12.539	895	897	900	rBV	1656768	1514653	60.76%	4.282%
60	12.608	900	903	904	rVB2	32912	49728	1.99%	0.141%
61	12.642	904	906	907	rBV2	68069	85381	3.43%	0.241%
62	12.688	907	910	914	rVB3	60672	98222	3.94%	0.278%
63	12.768	914	917	920	rBV	1427225	1478736	59.32%	4.181%
64	12.814	920	921	925	rVB2	60162	81615	3.27%	0.231%
65	12.916	927	930	932	rVB	914860	1253759	50.30%	3.545%
66	12.985	933	936	938	rBV2	109566	197181	7.91%	0.557%
67	13.099	942	946	947	rVB	210048	330250	13.25%	0.934%
68	13.168	947	952	953	rBV	131178	216530	8.69%	0.612%
69	13.202	953	955	957	rVV	136403	173669	6.97%	0.491%
70	13.294	961	963	964	rBV	89097	80586	3.23%	0.228%
71	13.328	964	966	970	rBV2	58975	110345	4.43%	0.312%

LSC Area Percent Report

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-14

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.499	977	981	982	rBV4	40043	105381	4.23%	0.298%
73	13.579	986	988	989	rBV	32487	36348	1.46%	0.103%
74	13.602	989	990	994	rVB	111177	141727	5.69%	0.401%
75	13.717	997	1000	1001	rBV	147047	193682	7.77%	0.548%
76	13.808	1007	1008	1010	rBV2	156632	211087	8.47%	0.597%
77	13.957	1018	1021	1028	rBV3	950199	2385497	95.70%	6.744%
78	14.071	1030	1031	1032	rVB	61692	44996	1.81%	0.127%
79	14.197	1040	1042	1043	rVB2	61598	56359	2.26%	0.159%
80	14.357	1053	1056	1057	rBV	95070	137890	5.53%	0.390%
81	14.985	1108	1111	1115	rBV	570379	1073896	43.08%	3.036%
82	15.088	1118	1120	1121	rBV	82876	106571	4.28%	0.301%
83	15.271	1134	1136	1139	rVB	266772	325407	13.05%	0.920%
84	15.328	1139	1141	1144	rVV	404246	493974	19.82%	1.397%
85	15.385	1144	1146	1155	rVB2	453616	759893	30.48%	2.148%
86	16.768	1264	1267	1271	rVB	136873	242046	9.71%	0.684%
87	17.180	1301	1303	1311	rVB	94957	233316	9.36%	0.660%

Sum of corrected areas: 35369940

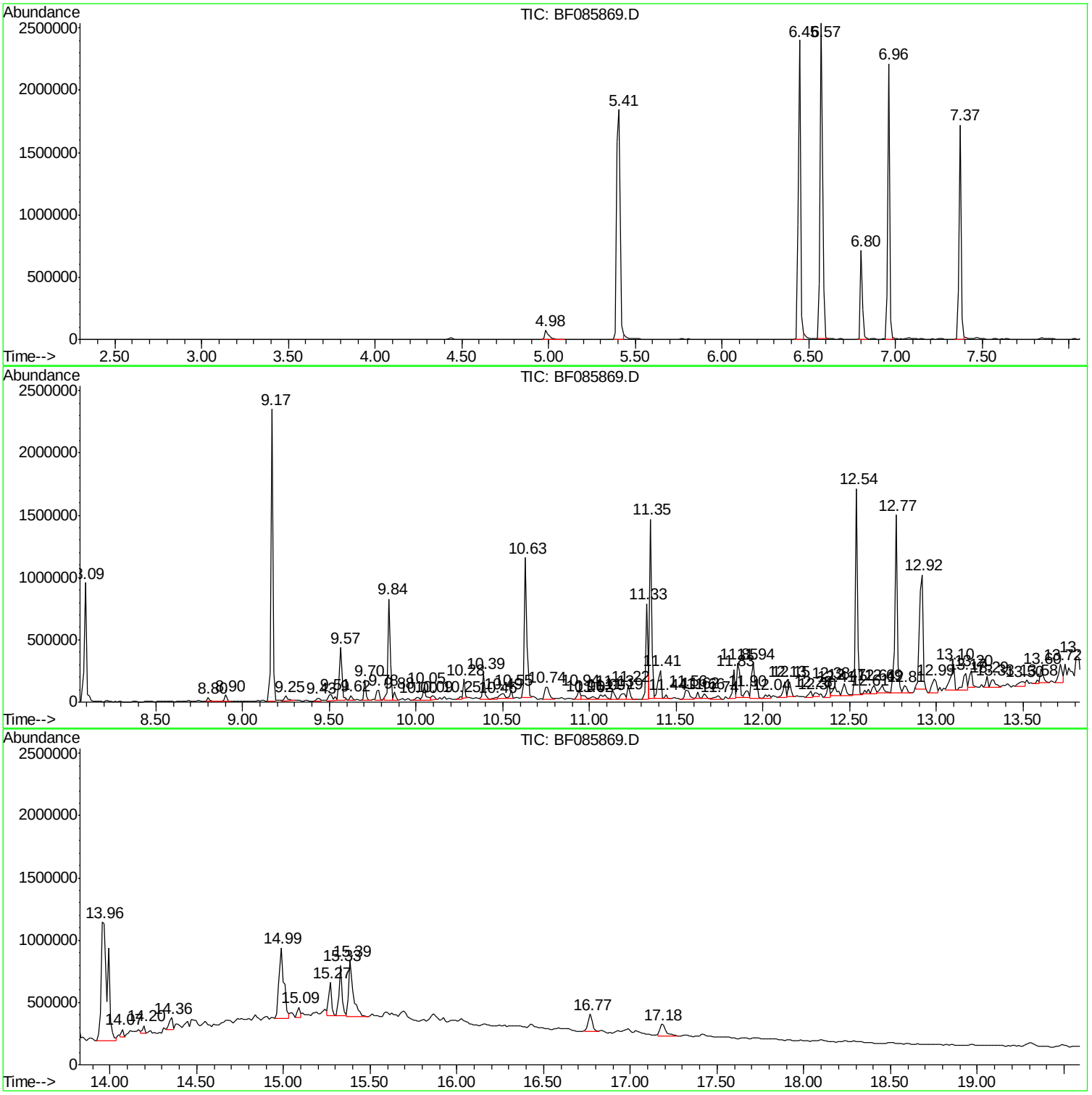
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085869.D
Acq On : 30 Mar 2016 00:46
Operator : UM/SJ
Sample : H2008-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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\BF032916\
Data File : BF085869.D
Acq On : 30 Mar 2016 00:46
Operator : UM/SJ
Sample : H2008-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

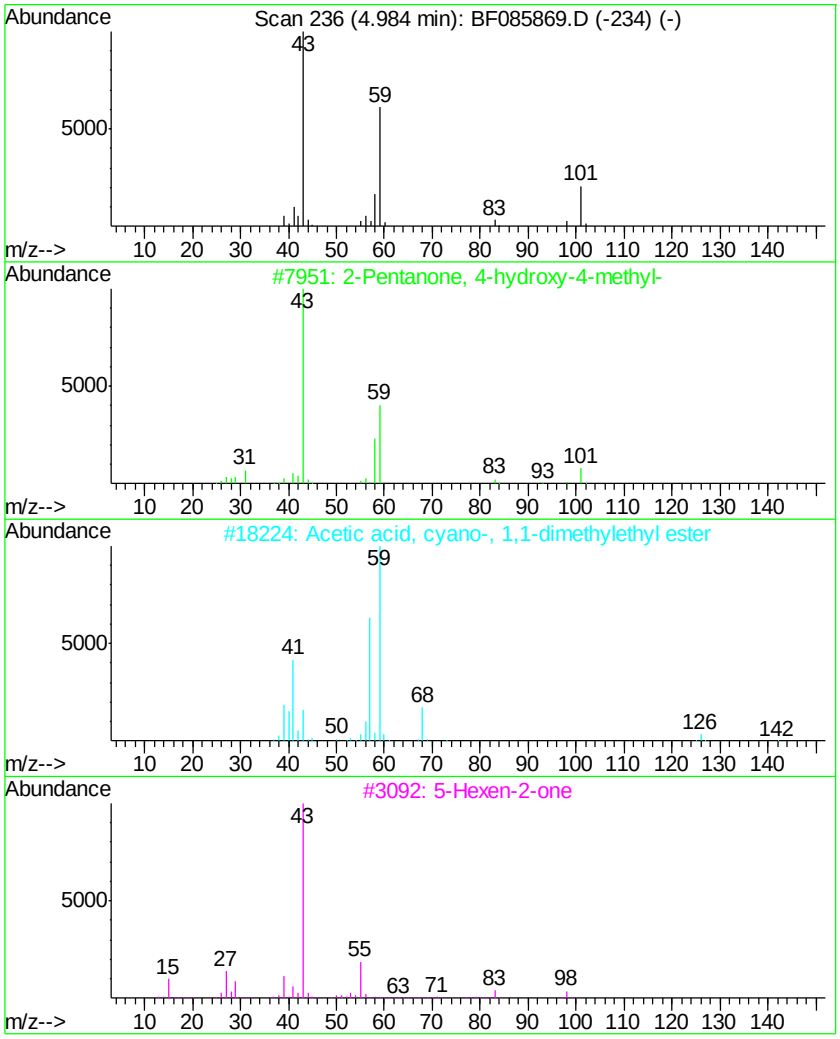
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

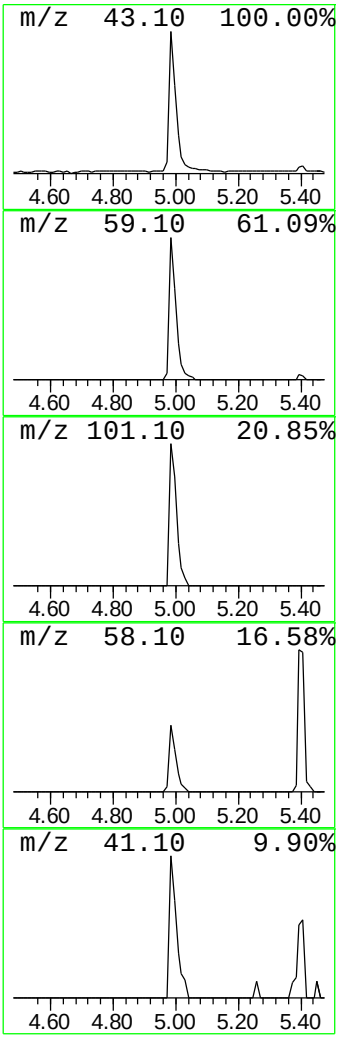
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	3.10 ng	103824	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

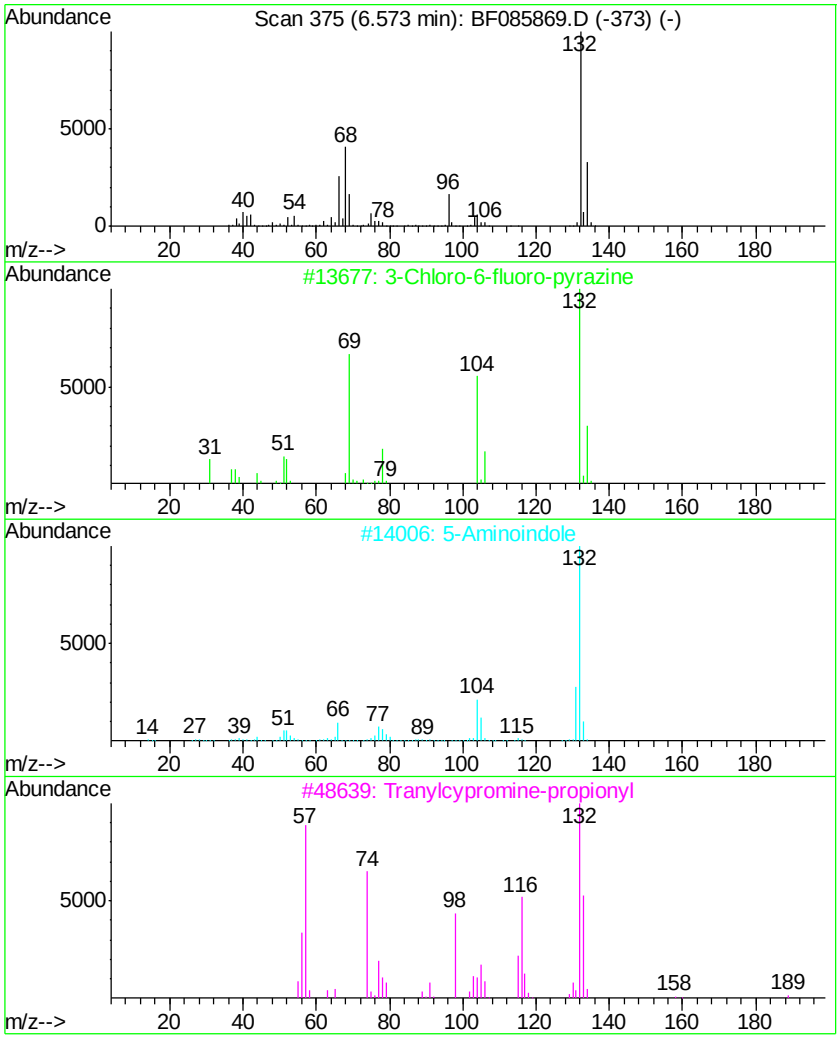
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

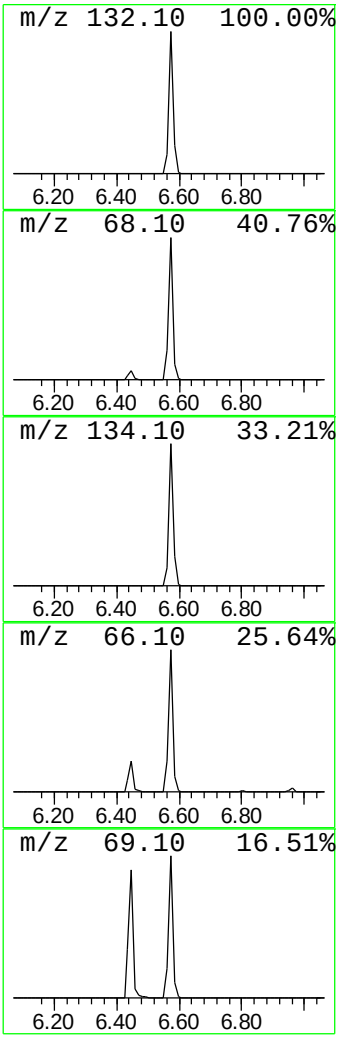
****

Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	69.39 ng	2325020	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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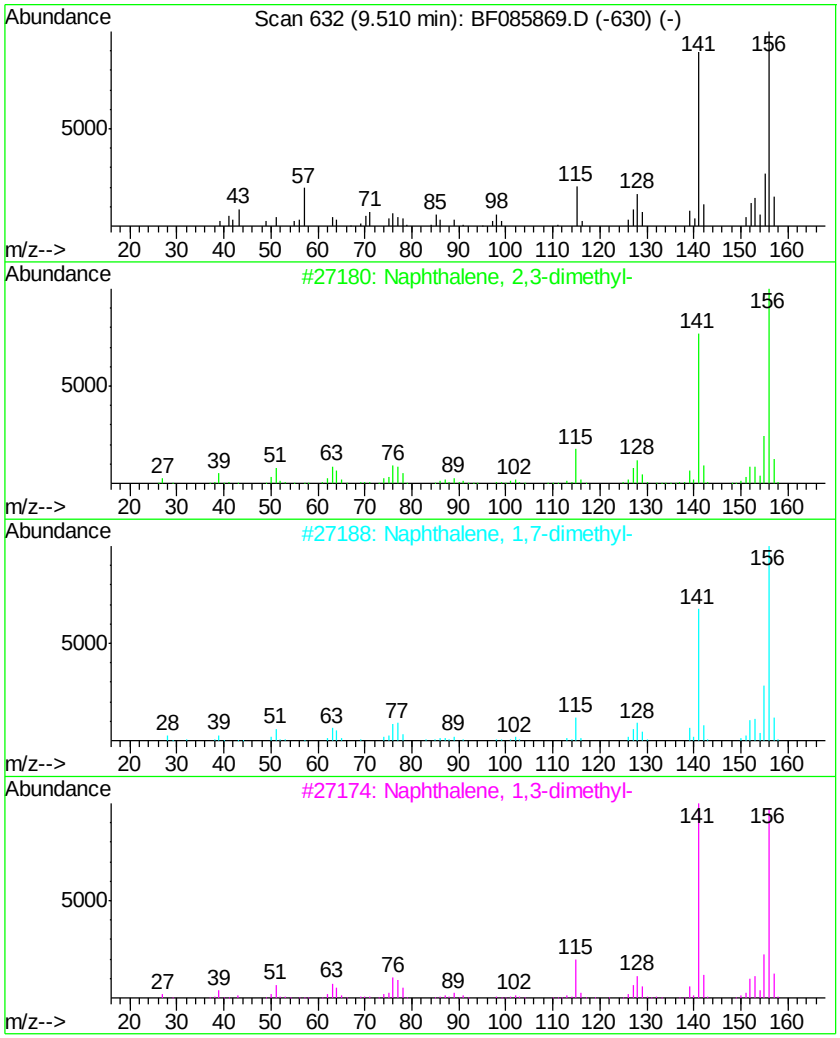
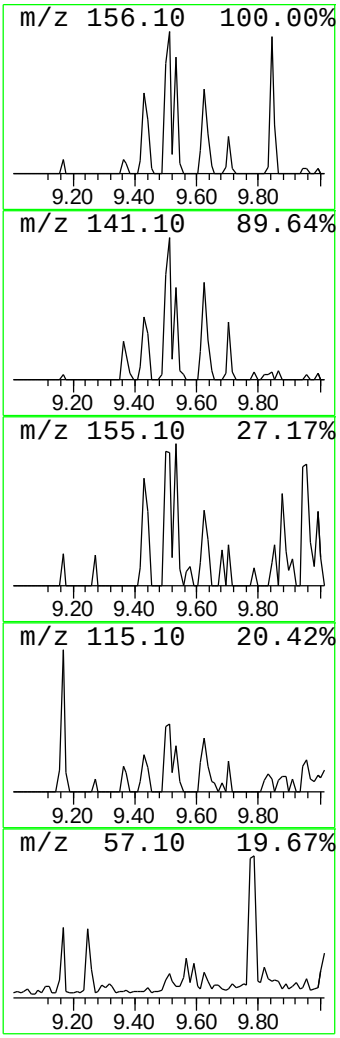
****

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	2.63 ng	105724	Acenaphthene-d10	9.84

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





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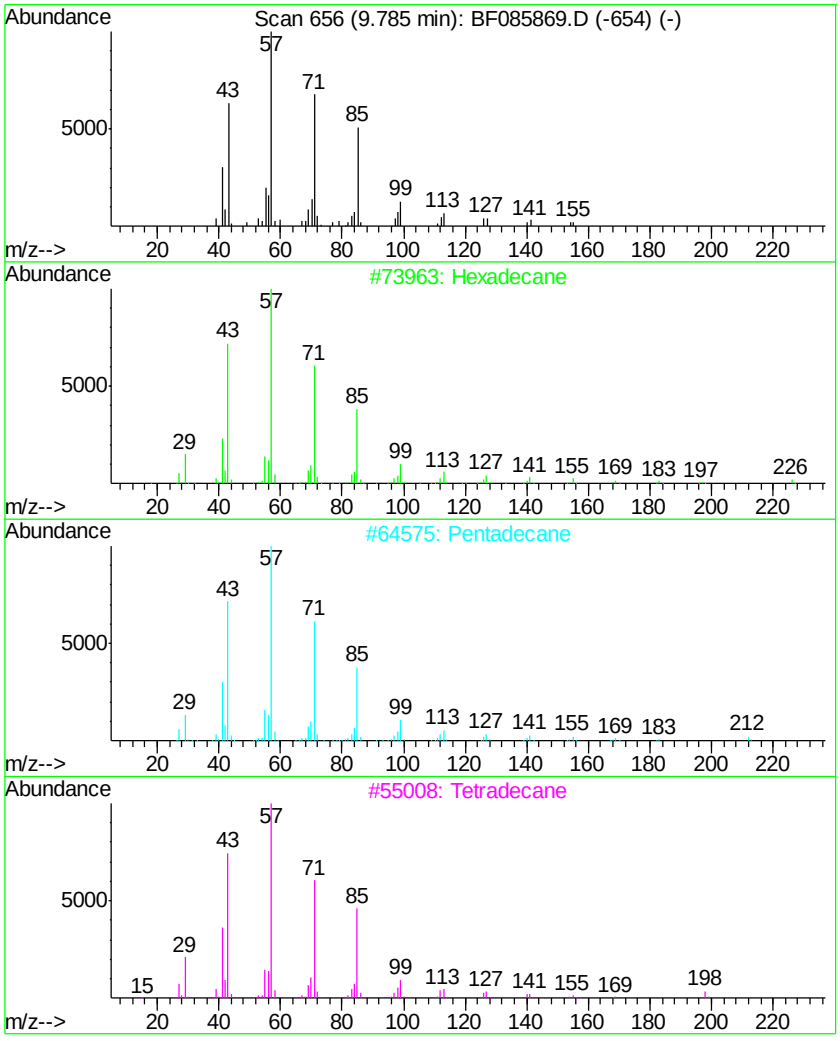
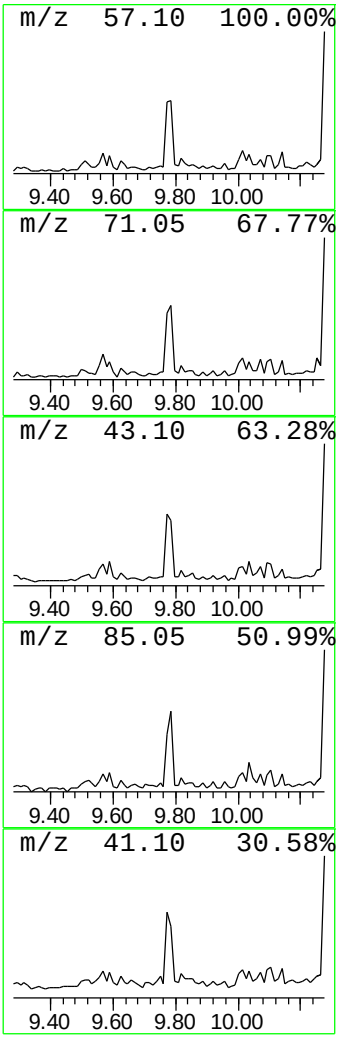
Peak Number 5 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	2.85 ng	114574	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane	212	C15H32	000629-62-9	91
3	Tetradecane	198	C14H30	000629-59-4	87
4	Heptadecane	240	C17H36	000629-78-7	80
5	Octadecane	254	C18H38	000593-45-3	72





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Sample : H2008-02
Misc :
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Instrument : BNA_F
ClientSampleId : TP-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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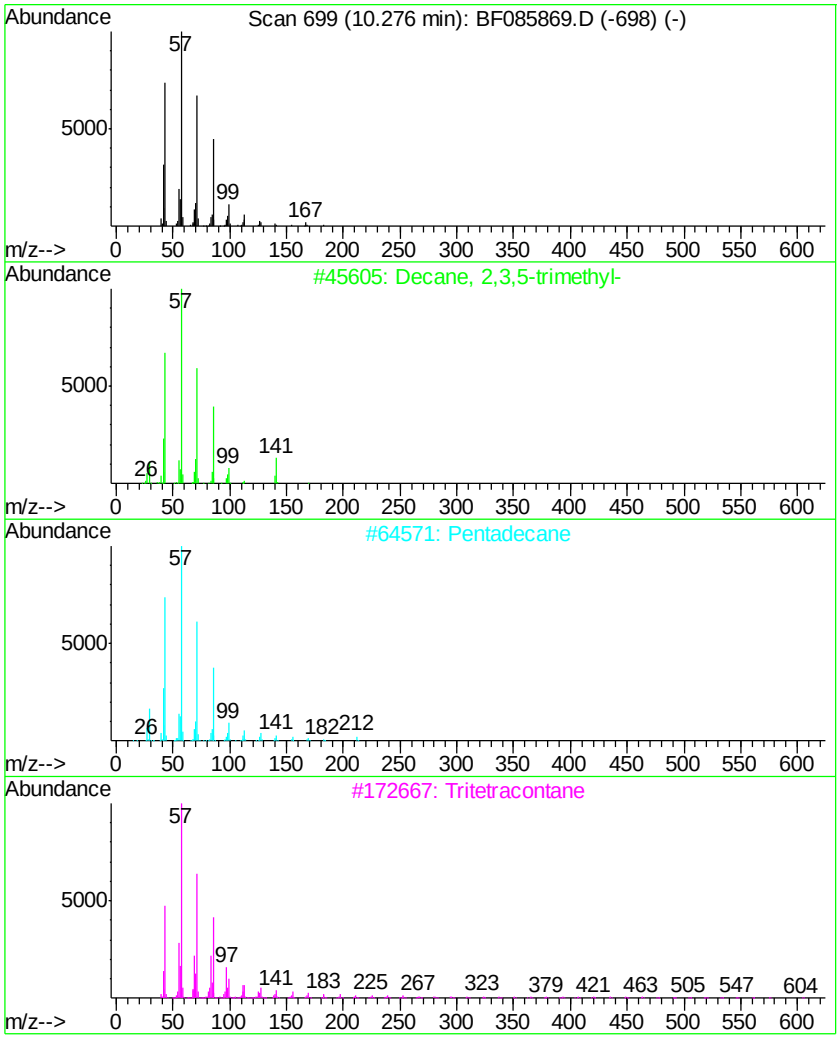
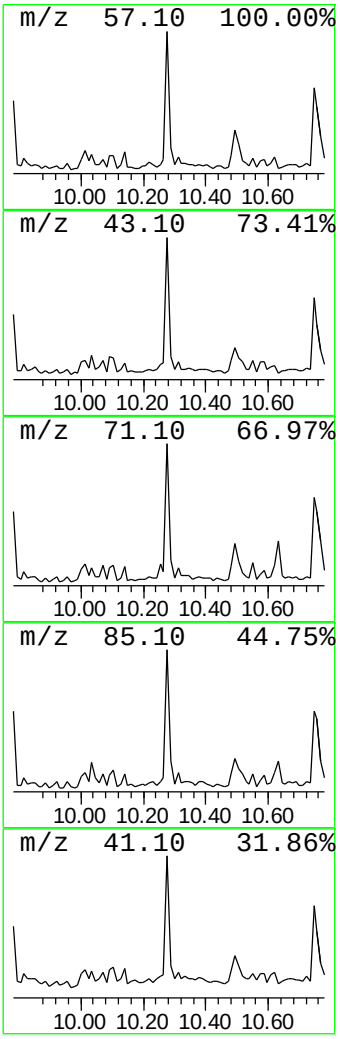
Peak Number 6 Decane, 2,3,5-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	2.90 ng	116436	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tritetracontane	605	C43H88	007098-21-7	83
4	Octacosane	394	C28H58	000630-02-4	83
5	Tetratetracontane	619	C44H90	007098-22-8	83





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Operator : UM/SJ
Sample : H2008-02
Misc :
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Instrument : BNA_F
ClientSampleId : TP-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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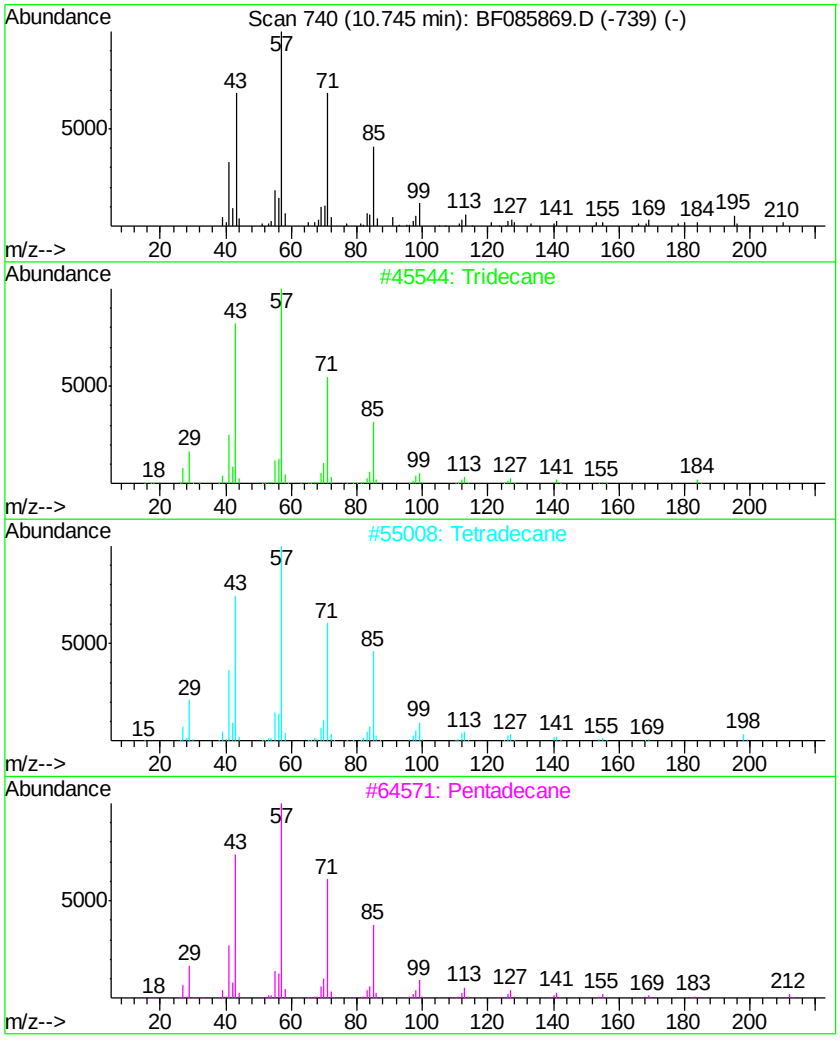
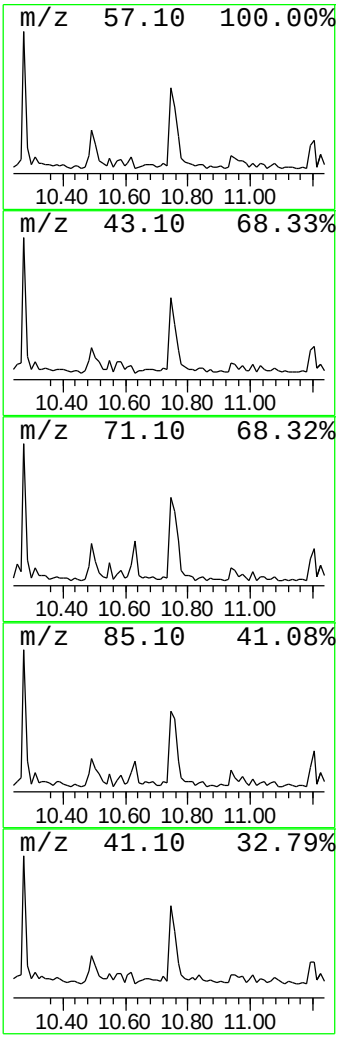
Peak Number 7 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	4.90 ng	173601	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tetradecane	198	C14H30	000629-59-4	87
3	Pentadecane	212	C15H32	000629-62-9	87
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5	Eicosane	282	C20H42	000112-95-8	87





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Acq On : 30 Mar 2016 00:46
Operator : UM/SJ
Sample : H2008-02
Misc :
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Instrument : BNA_F
ClientSampleId : TP-14

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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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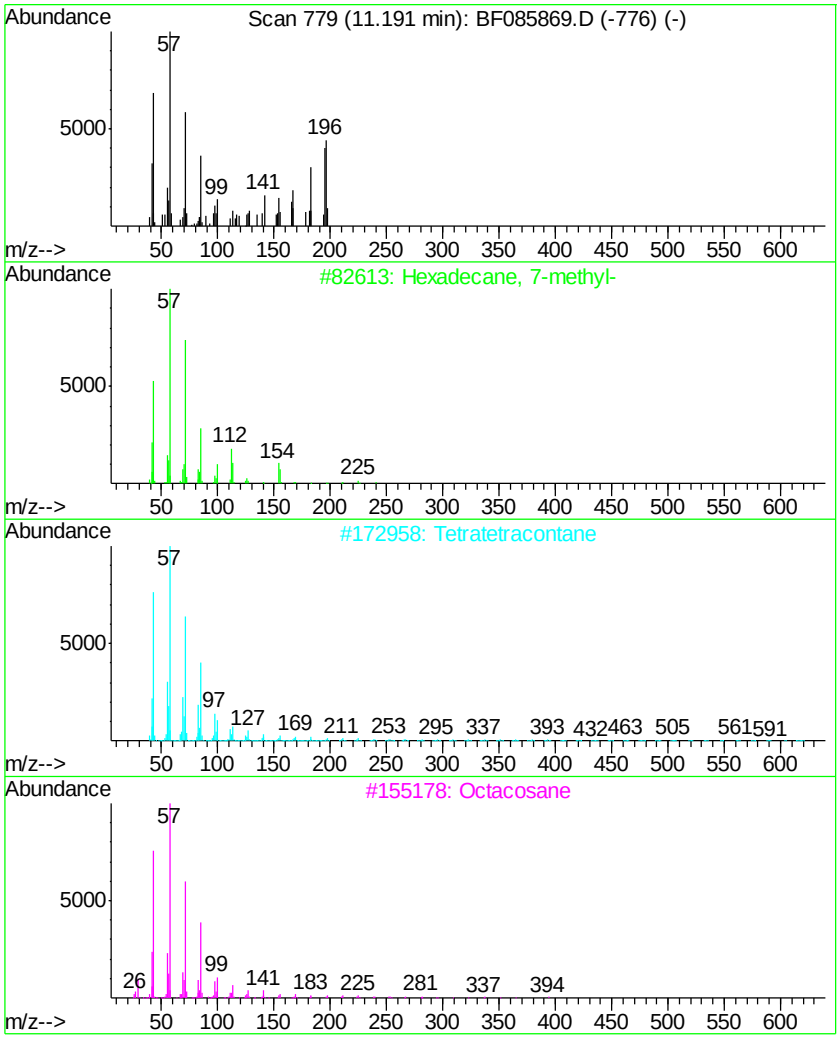
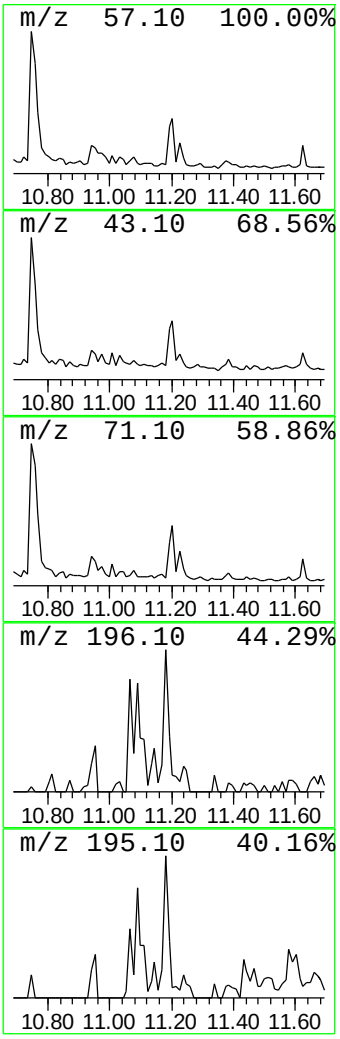
Peak Number 8 unknown11.19 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	2.61 ng	92497	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	22
2	Tetratetracontane	619	C44H90	007098-22-8	18
3	Octacosane	394	C28H58	000630-02-4	18
4	Hexatriacontane	507	C36H74	000630-06-8	18
5	Heptacosane	380	C27H56	000593-49-7	18





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

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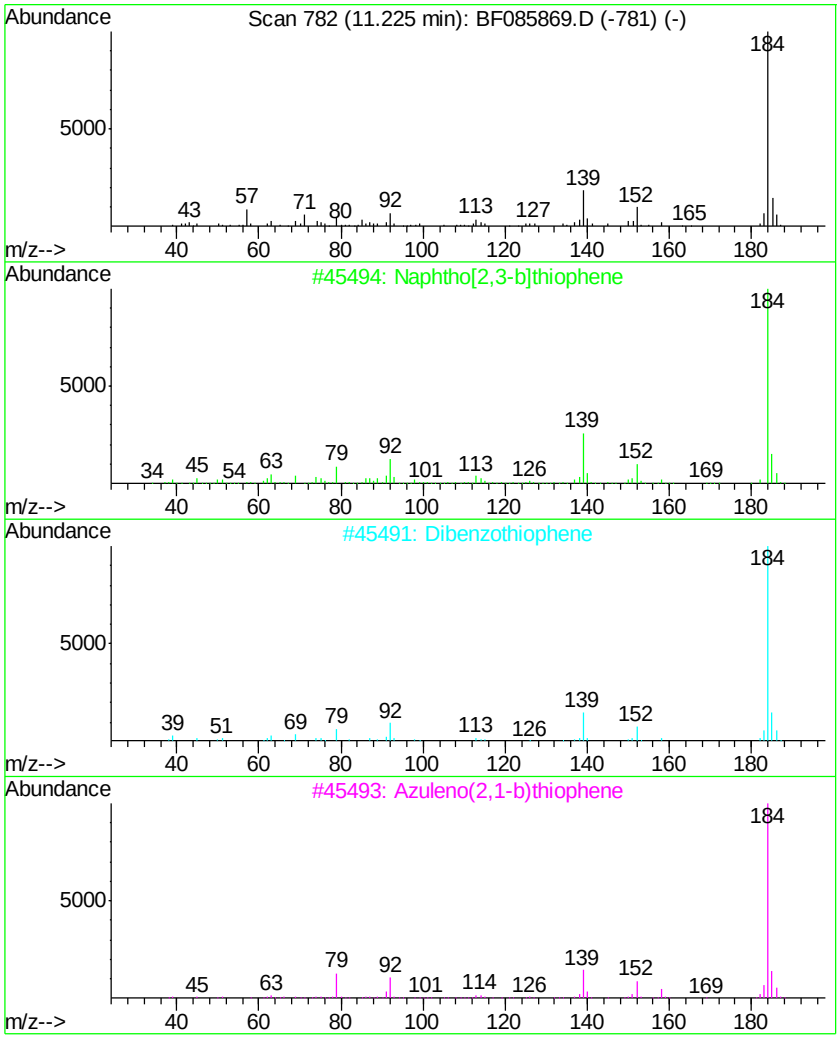
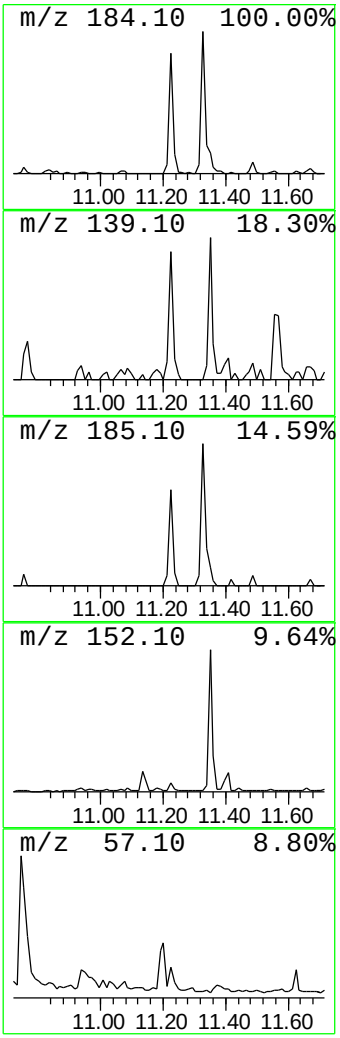
Peak Number 9 Naphtho[2,3-b]thiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	2.75 ng	97543	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	72
5	2,5-Cyclohexadiene-1,4-dione, 2,...	184	C8H8O5	000085-23-4	64





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TIC Library : C:\DATABASE\NIST02.L
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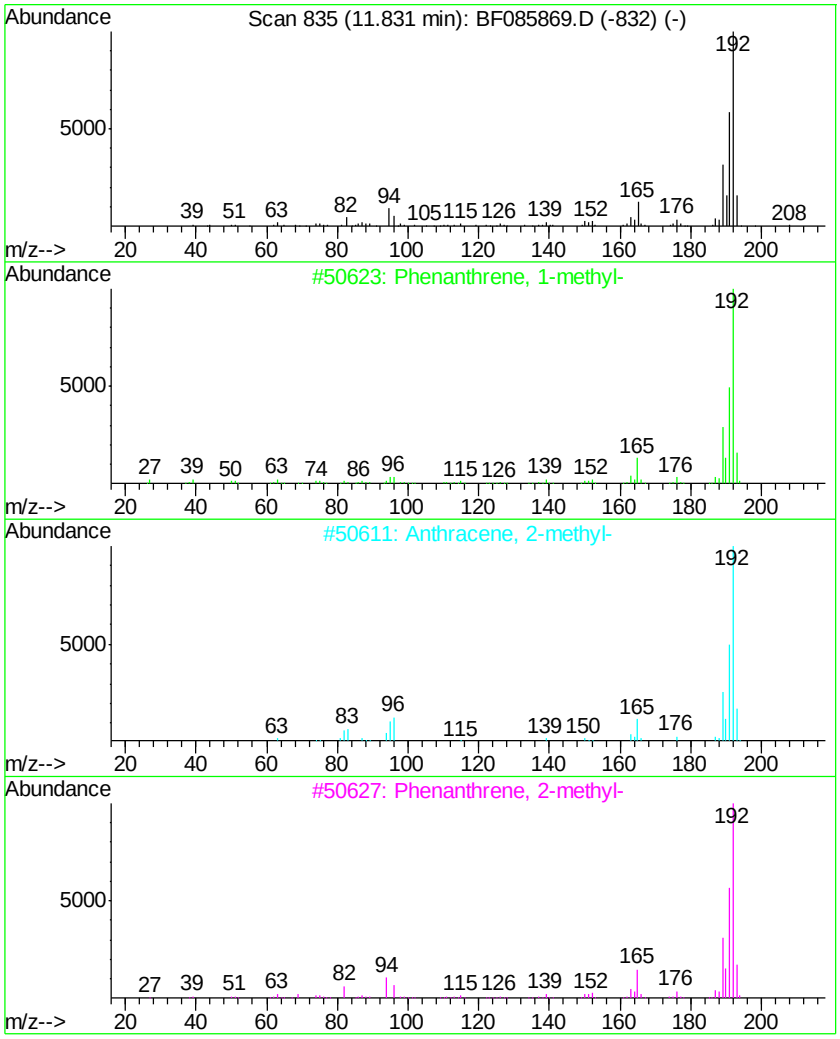
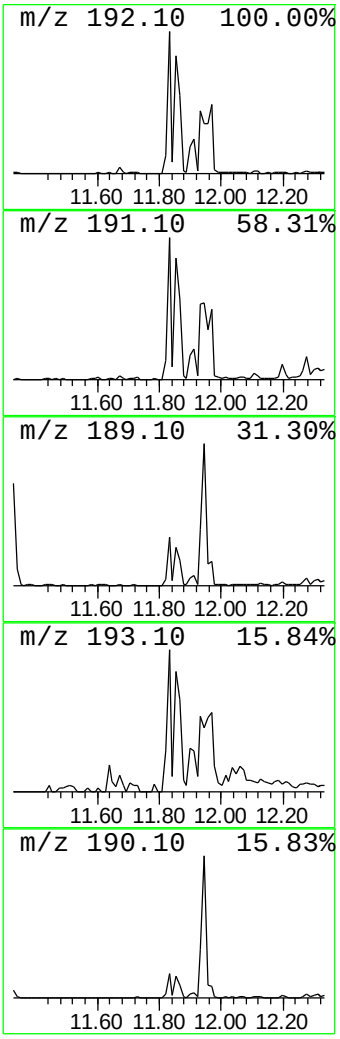
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	5.91 ng	209607	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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ClientSampleId : TP-14

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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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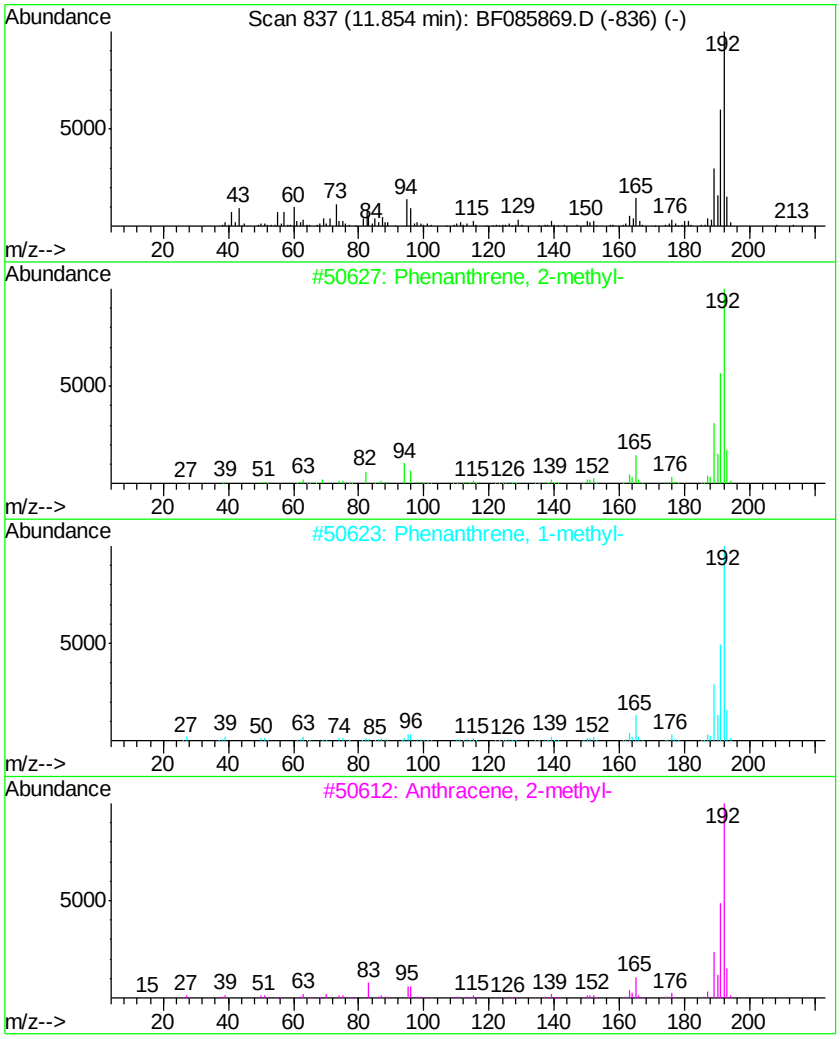
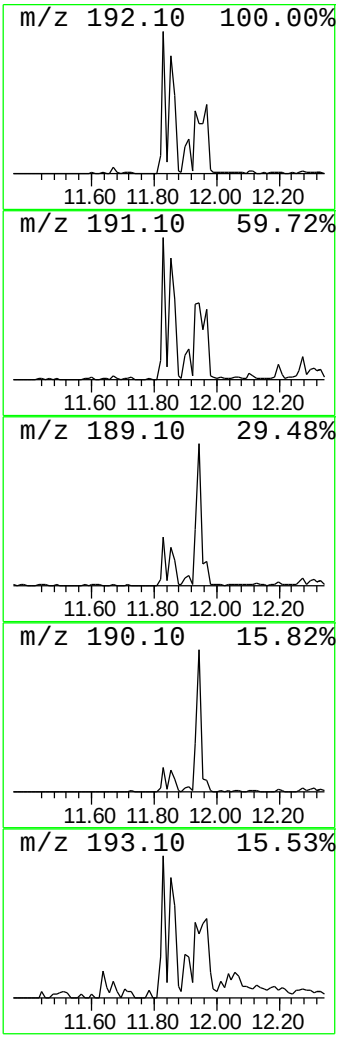
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	9.77 ng	346403	Phenanthrene-d10	11.33

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





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ClientSampleId : TP-14

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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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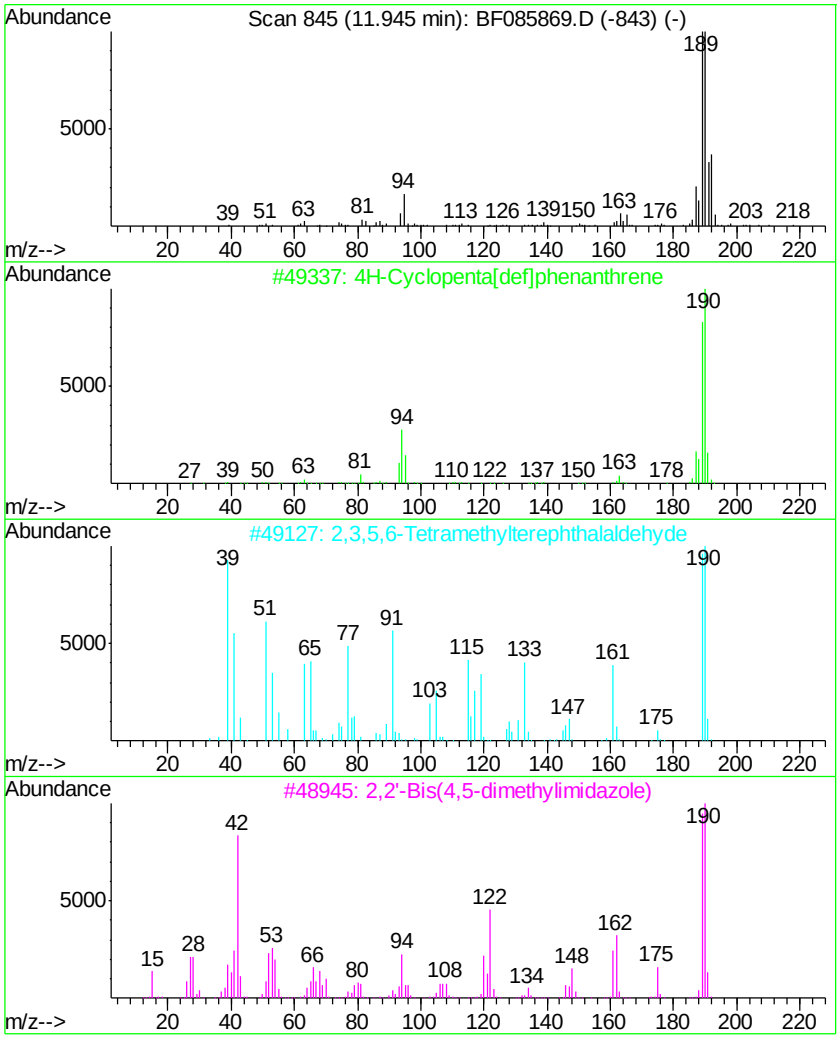
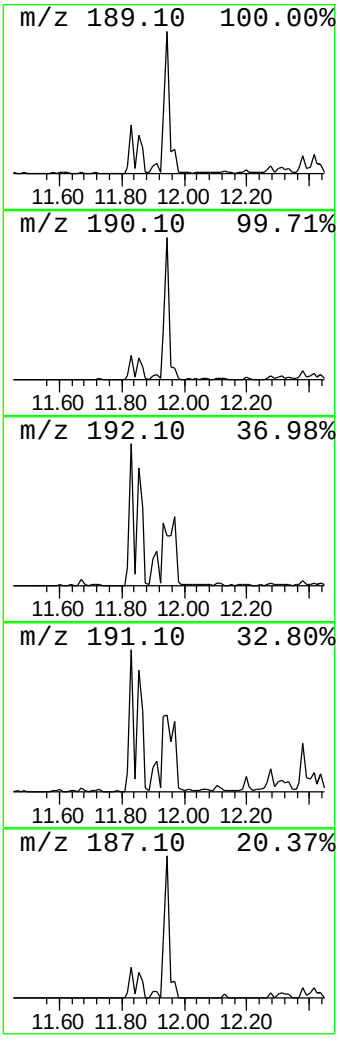
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	13.19 ng	467662	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	4,4'-Difluorobiphenyl	190	C12H8F2	000398-23-2	23





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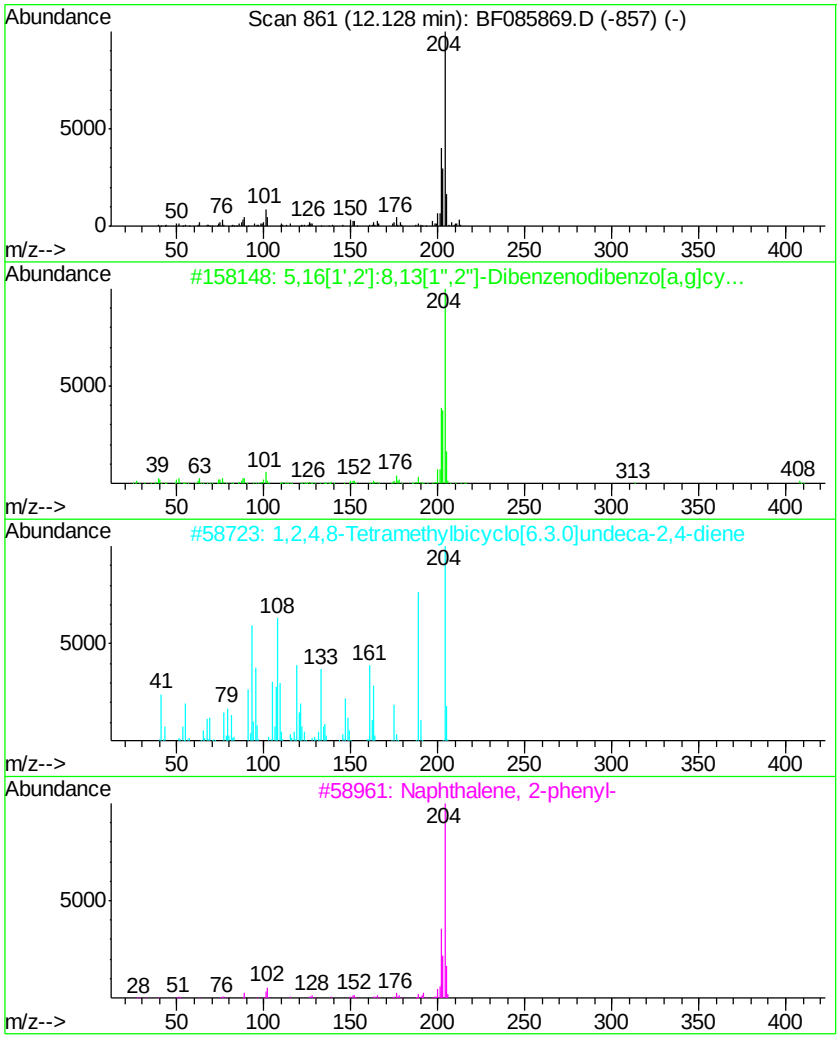
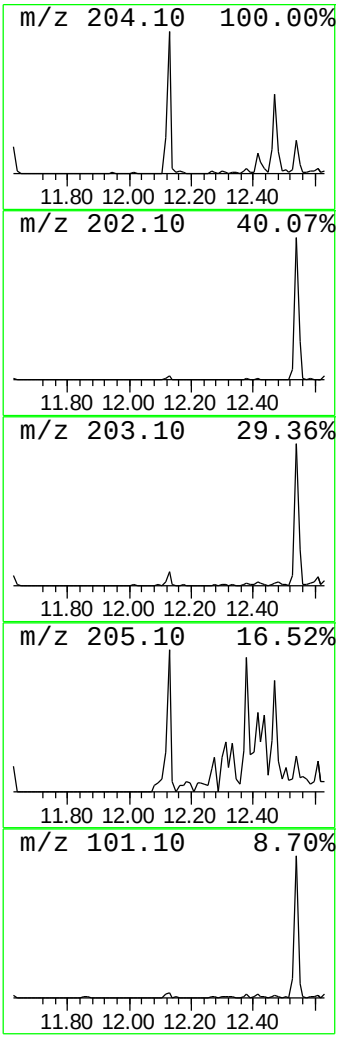
Peak Number 13 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	4.10 ng	145476	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	89
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	2-Phenylnaphthalene	204	C16H12	035465-71-5	64
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62





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Sample : H2008-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-14

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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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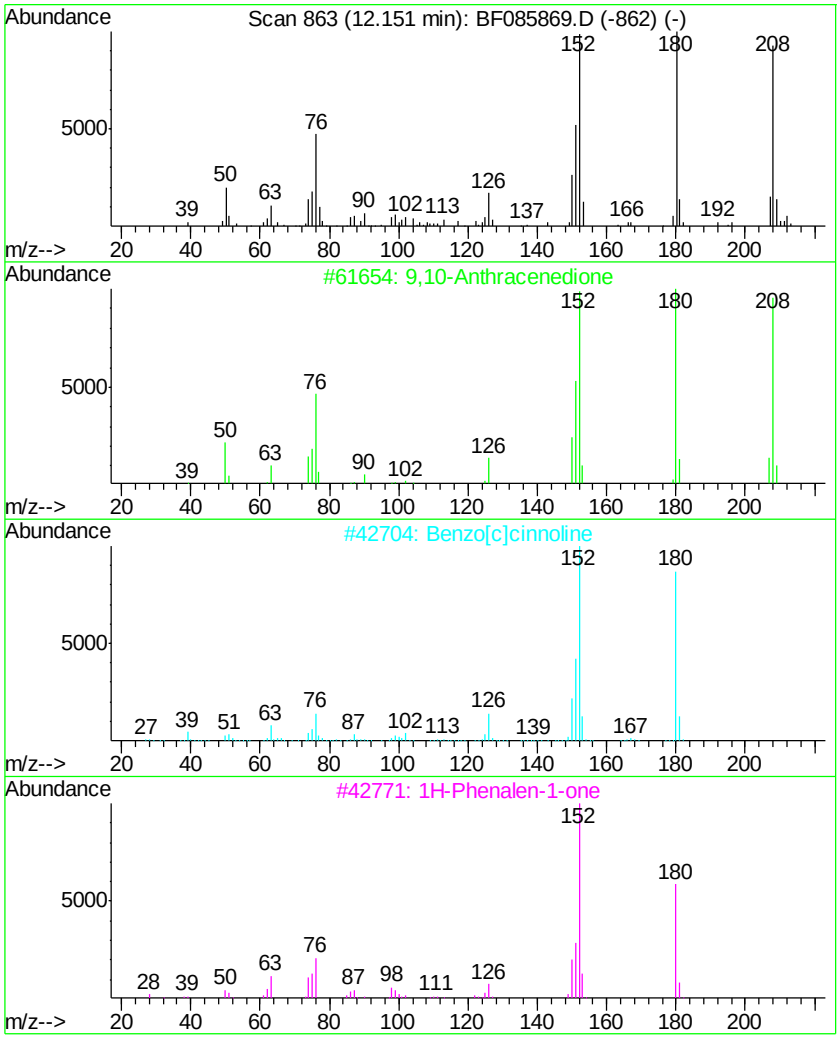
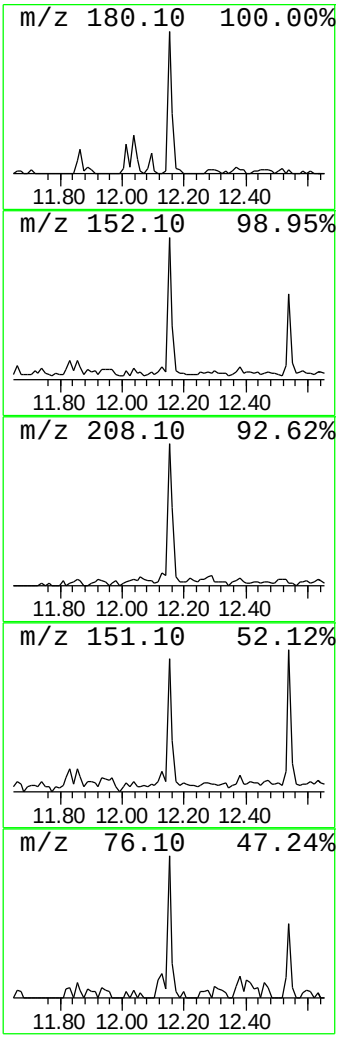
Peak Number 14 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	3.29 ng	116460	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	92
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55





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

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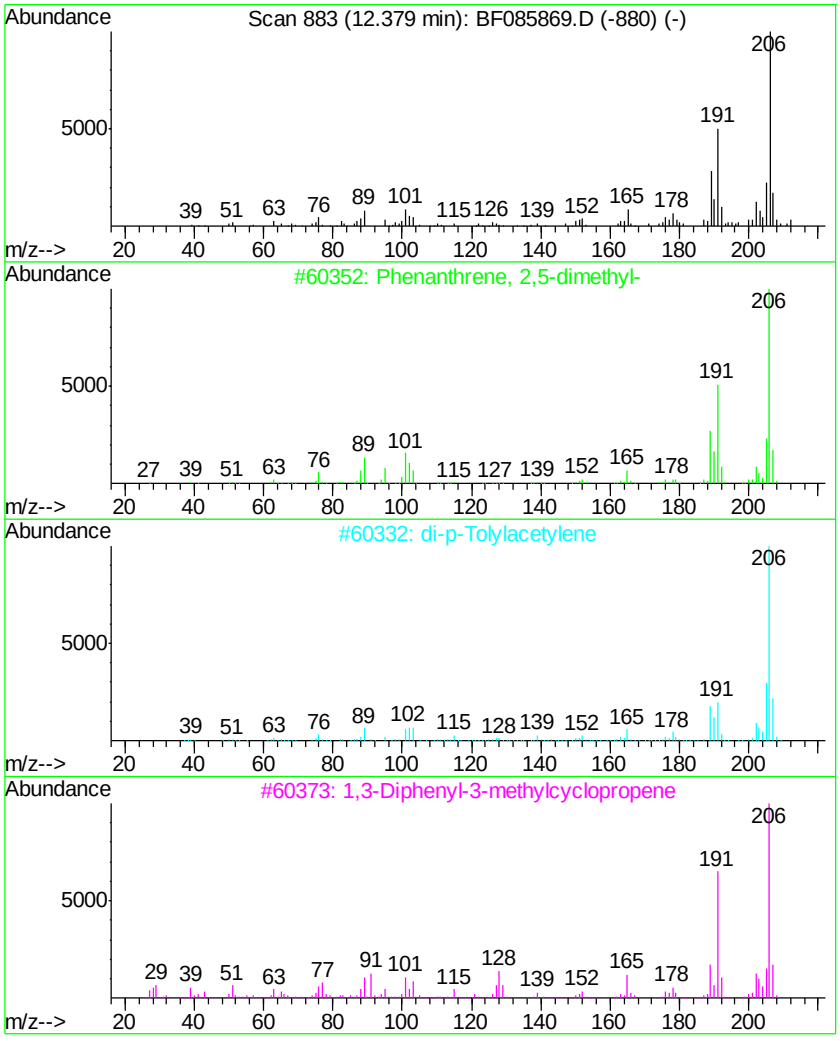
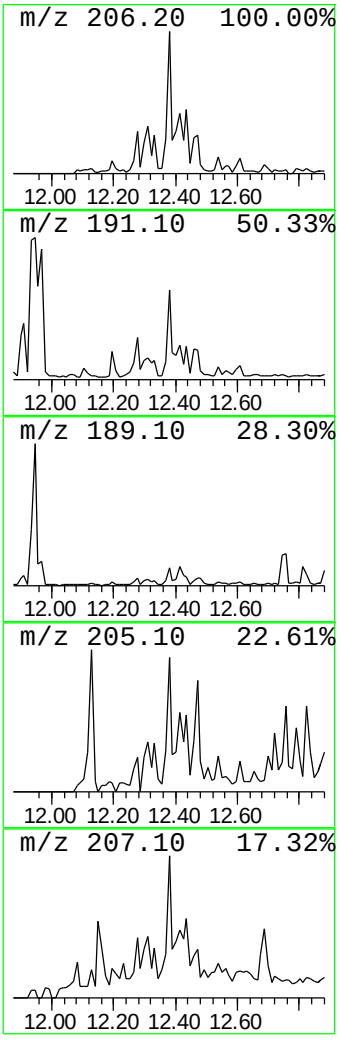
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	3.53 ng	125182	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
3	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	94
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	90





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : TP-14

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

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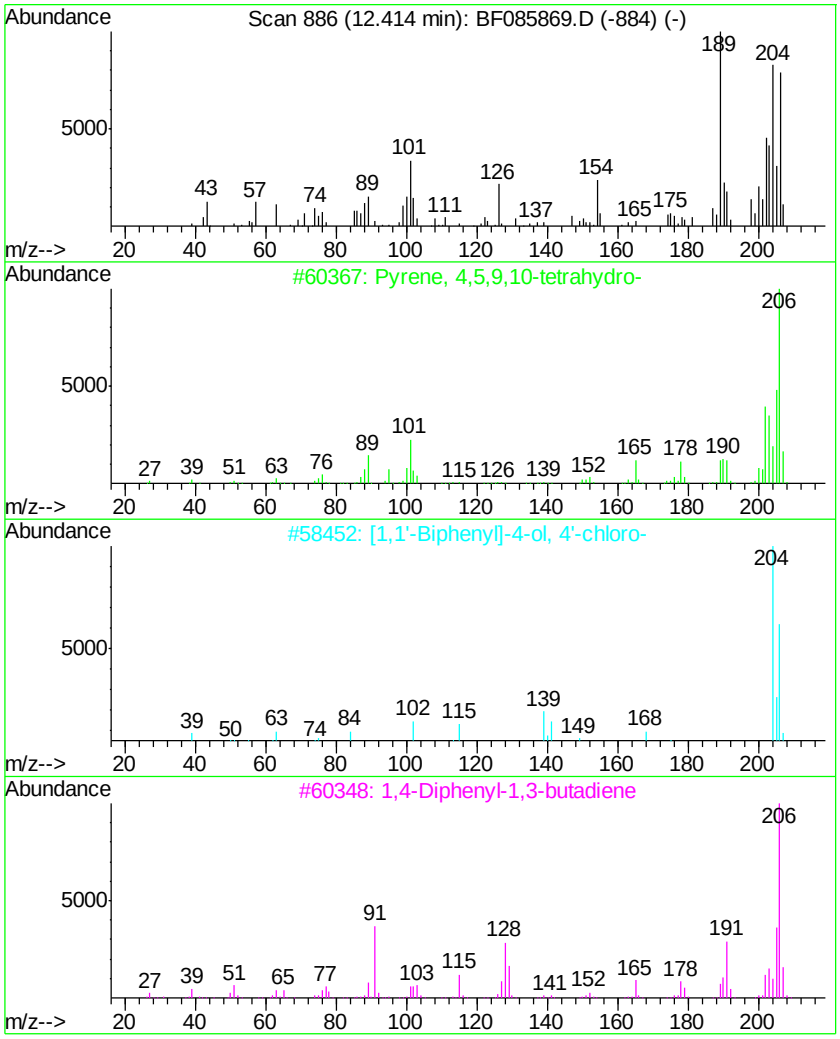
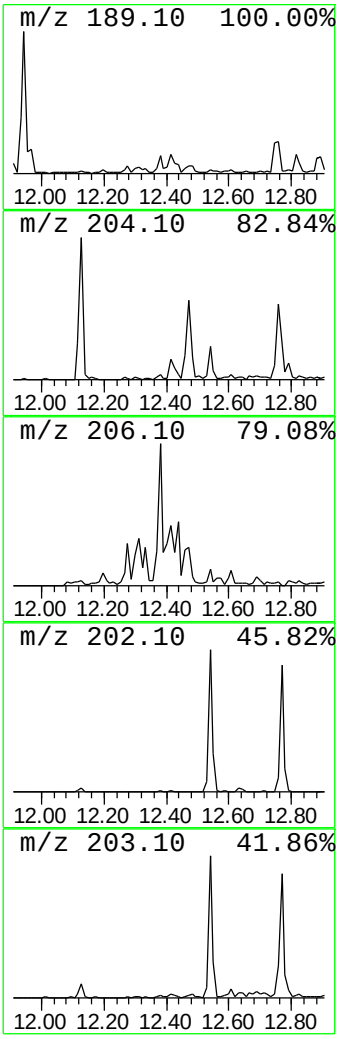
Peak Number 16 unknown12.41 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	3.92 ng	138910	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	25
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	25
3	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	15
4	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	15
5	Quinoline, 2-(2-pyridinyl)-	206	C14H10N2	007491-86-3	11





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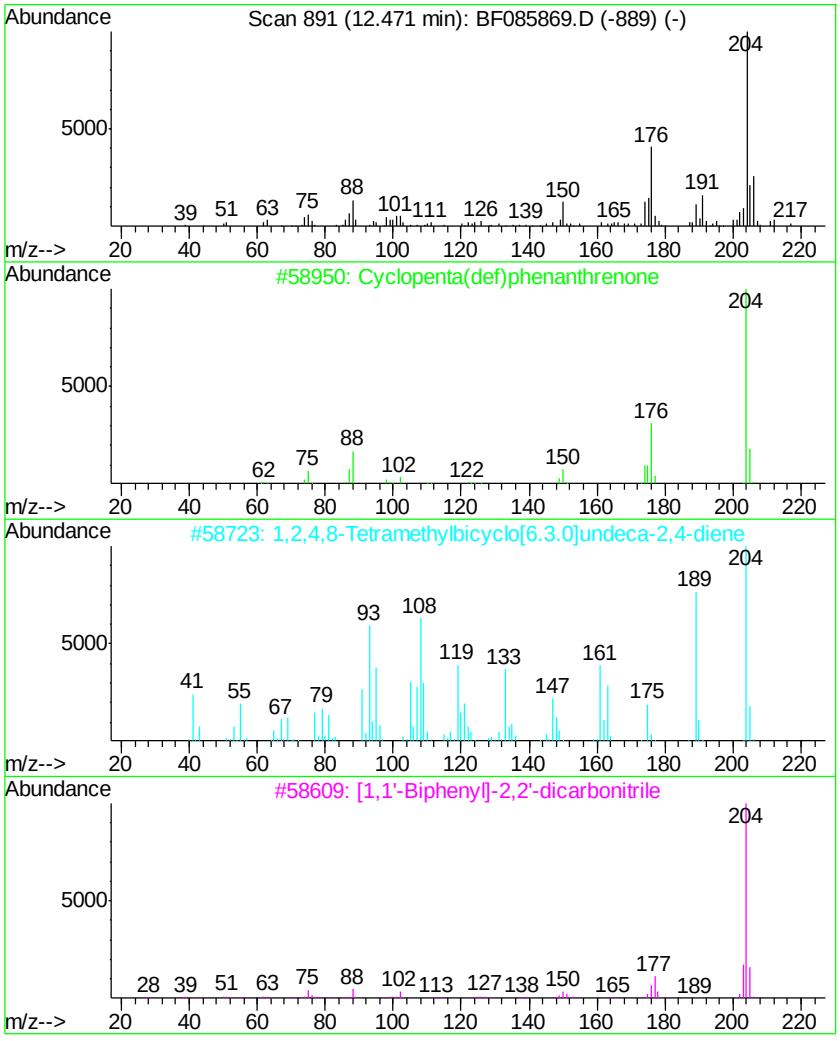
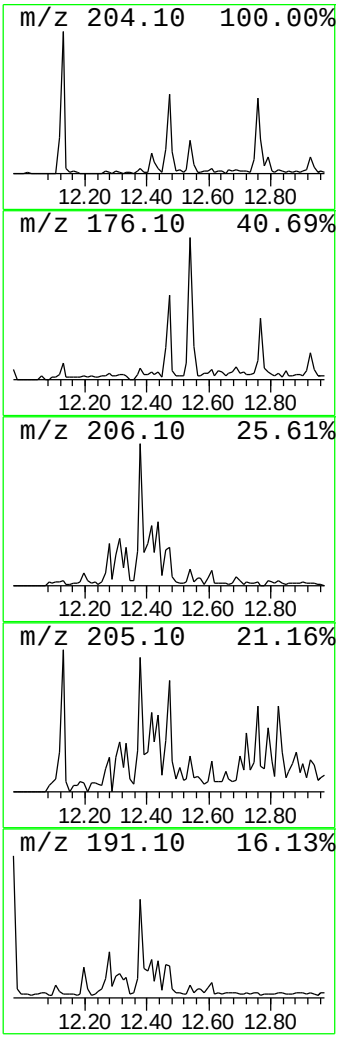
Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	4.07 ng	144206	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	43
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43





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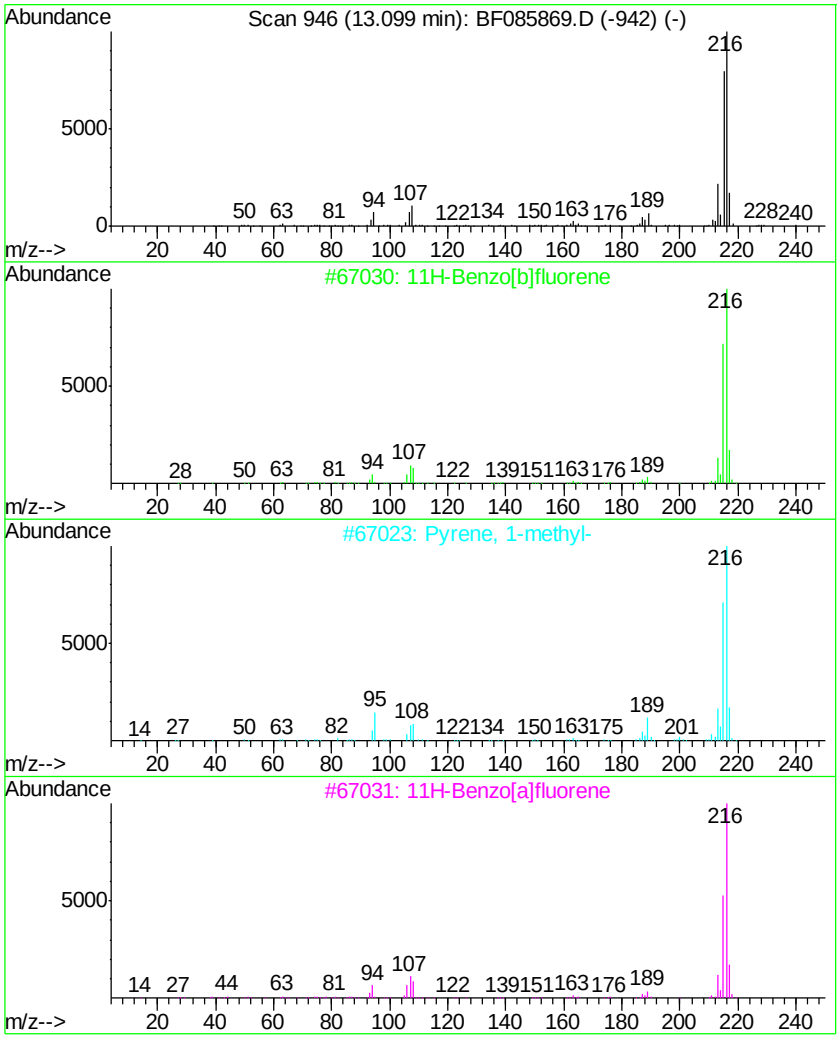
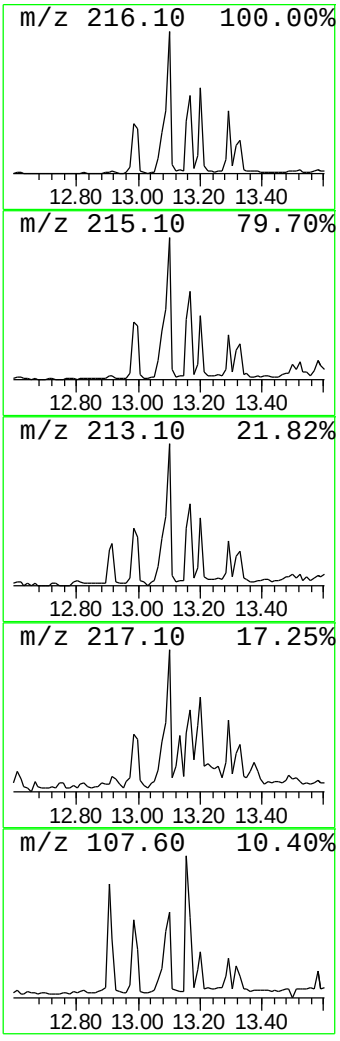
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	2.77 ng	330250	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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ClientSampleId : TP-14

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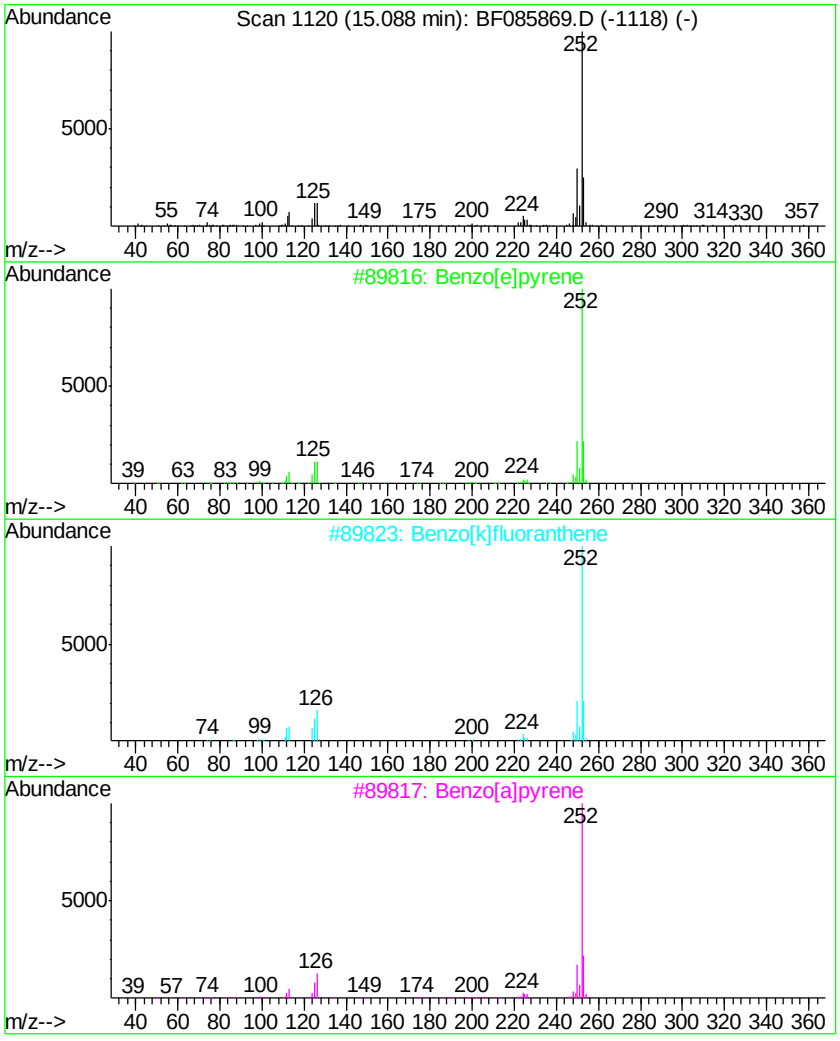
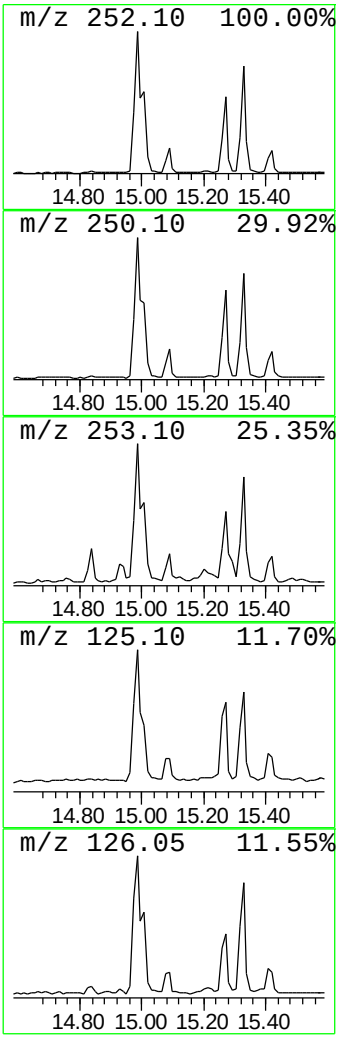
Peak Number 19 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	2.80 ng	106571	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085869.D
Acq On : 30 Mar 2016 00:46
Operator : UM/SJ
Sample : H2008-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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...	4.98	3.1	ng	103824	1	6.80	670143	20.0
unknown6.57	6.57	69.4	ng	2325020	1	6.80	670143	20.0
Naphthalene, 2,3-...	9.51	2.6	ng	105724	3	9.84	802913	20.0
Hexadecane	9.78	2.9	ng	114574	3	9.84	802913	20.0
Decane, 2,3,5-tri...	10.28	2.9	ng	116436	3	9.84	802913	20.0
Tridecane	10.74	4.9	ng	173601	4	11.33	708899	20.0
unknown11.19	11.19	2.6	ng	92497	4	11.33	708899	20.0
Naphtho[2,3-b]thi...	11.22	2.8	ng	97543	4	11.33	708899	20.0
Phenanthrene, 1-m...	11.83	5.9	ng	209607	4	11.33	708899	20.0
Phenanthrene, 2-m...	11.85	9.8	ng	346403	4	11.33	708899	20.0
4H-Cyclopenta[def...	11.95	13.2	ng	467662	4	11.33	708899	20.0
5,16[1',2']:8,13[...	12.13	4.1	ng	145476	4	11.33	708899	20.0
9,10-Anthracenedione	12.15	3.3	ng	116460	4	11.33	708899	20.0
Phenanthrene, 2,5...	12.38	3.5	ng	125182	4	11.33	708899	20.0
unknown12.41	12.41	3.9	ng	138910	4	11.33	708899	20.0
Cyclopenta(def)ph...	12.47	4.1	ng	144206	4	11.33	708899	20.0
11H-Benzo[b]fluorene	13.10	2.8	ng	330250	5	13.97	2385500	20.0
Benzo[e]pyrene	15.09	2.8	ng	106571	6	15.39	759893	20.0