LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087994.D
Acq On : 13 Jun 2016 20:34
Operator : UM/SJ
Sample : H3437-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U6-B1(0-6)C

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-BF060716.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	1.735	12	13	17	rVV	44952	58277	1.96%	0.144%
2	1.861	21	24	35	rVV	303292	495268	16.68%	1.227%
3	3.073	129	130	145	rBV2	10414	41751	1.41%	0.103%
4	4.970	293	296	302	rBV	137170	221354	7.46%	0.549%
5	5.393	330	333	336	rBV	2245067	2469006	83.17%	6.119%
6	6.444	421	425	427	rBV	2337610	2968748	100.00%	7.357%
7	6.570	433	436	438	rBV	2438218	2927895	98.62%	7.256%
8	6.799	454	456	458	rBV	615641	681723	22.96%	1.689%
9	6.947	467	469	471	rVB	1573688	2070677	69.75%	5.132%
10	7.210	491	492	497	rVB	61548	63070	2.12%	0.156%
11	7.359	502	505	508	rVV	1227904	1875221	63.17%	4.647%
12	7.827	543	546	548	rBV2	24922	35318	1.19%	0.088%
13	8.079	566	568	573	rBV	825921	952359	32.08%	2.360%
14	8.799	628	631	633	rBV	78666	72877	2.45%	0.181%
15	8.890	637	639	641	rVB	56903	58134	1.96%	0.144%
16	9.165	660	663	665	rBV	2720778	2452481	82.61%	6.078%
17	9.256	665	671	673	rVV2	26465	49499	1.67%	0.123%
18	9.302	673	675	678	rVB2	31224	36099	1.22%	0.089%
19	9.359	678	680	682	rVB	30513	38689	1.30%	0.096%
20	9.428	682	686	688	rBV2	48330	77434	2.61%	0.192%
21	9.496	690	692	693	rVV	100973	89009	3.00%	0.221%
22	9.553	696	697	700	rVV	406149	539997	18.19%	1.338%
23	9.610	700	702	705	rVB	47955	59450	2.00%	0.147%
24	9.702	707	710	712	rVB2	44174	68209	2.30%	0.169%
25	9.782	712	717	719	rBV	29437	54048	1.82%	0.134%
26	9.839	719	722	723	rBV	1118231	1003206	33.79%	2.486%
27	9.873	723	725	726	rVB	139462	173452	5.84%	0.430%
28	9.942	729	731	733	rBV	30961	41769	1.41%	0.104%
29	9.999	733	736	738	rBV3	39903	65322	2.20%	0.162%
30	10.045	738	740	741	rBV	87088	115875	3.90%	0.287%
31	10.159	747	750	751	rBV2	30180	44828	1.51%	0.111%
32	10.251	755	758	759	rVV2	41287	78774	2.65%	0.195%
33	10.273	759	760	763	rVB	46905	46075	1.55%	0.114%
34	10.331	763	765	768	rBV4	17626	36029	1.21%	0.089%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.376	768	769	772	rBV	174031	238799	8.04%	0.592%
36	10.445	773	775	776	rBV	56139	85349	2.87%	0.212%
37	10.468	776	777	778	rVV	65131	66692	2.25%	0.165%
38	10.536	782	783	786	rVB2	61694	78450	2.64%	0.194%
39	10.628	788	791	793	rVB	1533643	1519329	51.18%	3.765%
40	10.673	793	795	797	rVB2	110693	110975	3.74%	0.275%
41	10.753	799	802	805	rVB2	87490	149292	5.03%	0.370%
42	10.822	805	808	809	rBV2	22698	34595	1.17%	0.086%
43	10.868	810	812	814	rVB3	31198	46272	1.56%	0.115%
44	10.925	814	817	819	rBV2	74935	144090	4.85%	0.357%
45	10.959	819	820	821	rVV	60212	45122	1.52%	0.112%
46	11.016	823	825	826	rVB	44907	53461	1.80%	0.132%
47	11.073	828	830	832	rVB3	30289	49110	1.65%	0.122%
48	11.119	832	834	837	rVB2	28415	38816	1.31%	0.096%
49	11.211	837	842	846	rBV4	91496	310810	10.47%	0.770%
50	11.325	849	852	853	rBV	707718	1231889	41.50%	3.053%
51	11.348	853	854	856	rVV	1586532	1117264	37.63%	2.769%
52	11.394	856	858	860	rVB	436123	354849	11.95%	0.879%
53	11.428	860	861	863	rBV	49736	60719	2.05%	0.150%
54	11.554	870	872	873	rBV	52574	59661	2.01%	0.148%
55	11.622	876	878	879	rBV	86541	87023	2.93%	0.216%
56	11.782	890	892	893	rBV2	37056	62234	2.10%	0.154%
57	11.816	893	895	897	rVV	219143	365614	12.32%	0.906%
58	11.851	897	898	900	rVV2	403839	478986	16.13%	1.187%
59	11.896	900	902	903	rVV	156974	173934	5.86%	0.431%
60	11.931	903	905	910	rVB2	444148	724783	24.41%	1.796%
61	12.114	919	921	925	rBV3	124968	285941	9.63%	0.709%
62	12.274	933	935	936	rVB	81339	88412	2.98%	0.219%
63	12.376	942	944	946	rBV	142818	166830	5.62%	0.413%
64	12.548	956	959	961	rBV	1146102	1170914	39.44%	2.902%
65	12.582	961	962	965	rVB3	63237	89406	3.01%	0.222%
66	12.765	975	978	979	rBV	1182957	1346332	45.35%	3.337%
67	12.788	979	980	981	rVB	87317	62558	2.11%	0.155%
68	12.914	989	991	993	rVB	1319989	1668030	56.19%	4.134%
69	12.982	993	997	1001	rBV3	102614	179888	6.06%	0.446%
70	13.085	1004	1006	1008	rVB	259869	292459	9.85%	0.725%
71	13.154	1009	1012	1013	rBV2	213802	237463	8.00%	0.588%

LSC Area Percent Report

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Misc :
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Integration Parameters: rteint.p
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72	13.188	1013	1015	1019	rVV2	175348	225533	7.60%	0.559%
73	13.279	1021	1023	1025	rBV	95851	100261	3.38%	0.248%
74	13.314	1025	1026	1028	rVB	127922	96904	3.26%	0.240%
75	13.485	1039	1041	1047	rVB2	106850	214148	7.21%	0.531%
76	13.702	1058	1060	1061	rBV2	104642	145221	4.89%	0.360%
77	13.817	1068	1070	1073	rVB2	141062	181171	6.10%	0.449%
78	13.954	1079	1082	1084	rBV2	1065434	1789162	60.27%	4.434%
79	14.342	1114	1116	1118	rBV	145466	158622	5.34%	0.393%
80	14.377	1118	1119	1120	rVB	81304	57765	1.95%	0.143%
81	14.594	1136	1138	1140	rVB	150505	151703	5.11%	0.376%
82	14.640	1140	1142	1144	rVV	146197	214645	7.23%	0.532%
83	14.731	1148	1150	1156	rVV	225411	458093	15.43%	1.135%
84	14.822	1156	1158	1159	rVV	172185	246454	8.30%	0.611%
85	14.902	1163	1165	1167	rVV	194485	256330	8.63%	0.635%
86	14.971	1169	1171	1175	rVB2	380376	840898	28.33%	2.084%
87	15.257	1193	1196	1199	rVB	213289	280802	9.46%	0.696%
88	15.314	1199	1201	1204	rVV	335465	441649	14.88%	1.095%
89	15.371	1204	1206	1212	rVB2	421408	715924	24.12%	1.774%
90	16.731	1322	1325	1329	rVB2	125642	244973	8.25%	0.607%
91	17.143	1358	1361	1366	rVB	93230	192068	6.47%	0.476%

Sum of corrected areas: 40350600

LSC Report - Integrated Chromatogram

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Data File : BF087994.D
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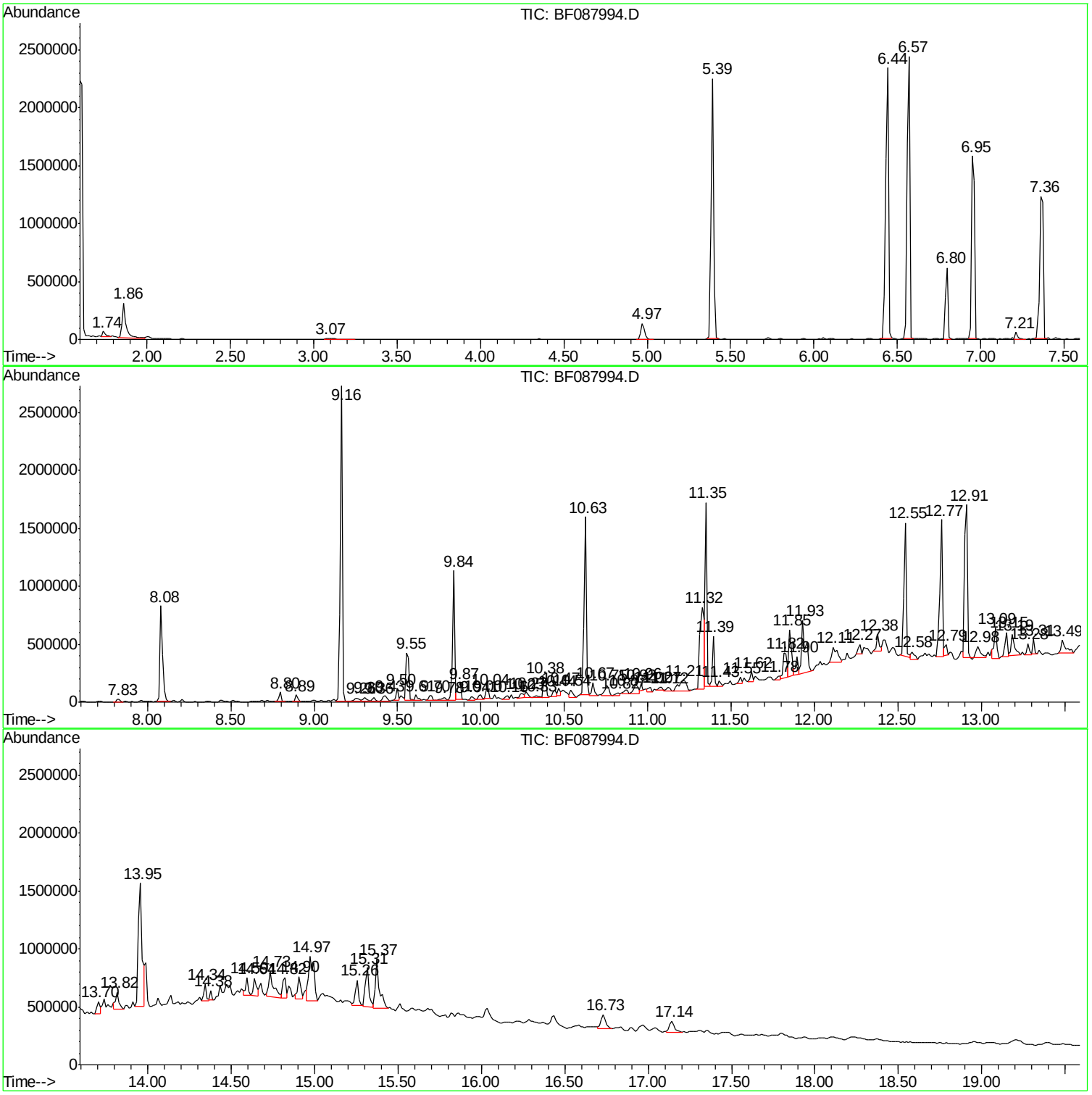
Sample : H3437-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U6-B1(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087994.D
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Instrument : BNA_F
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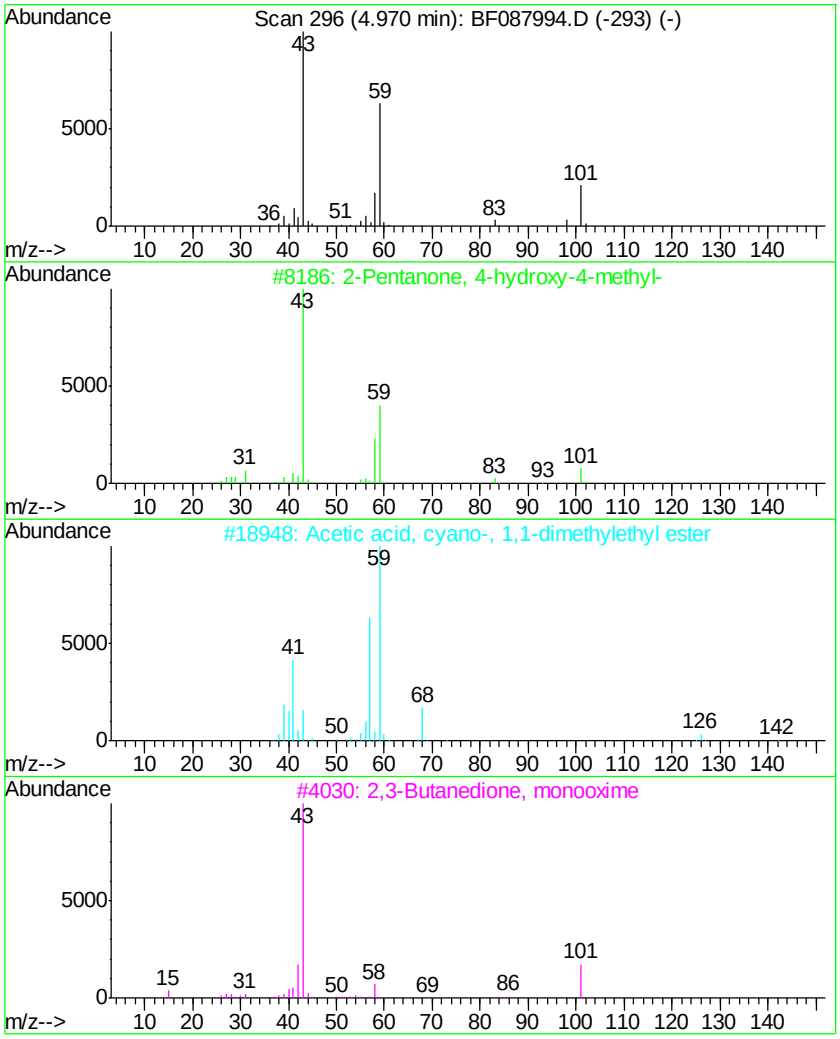
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

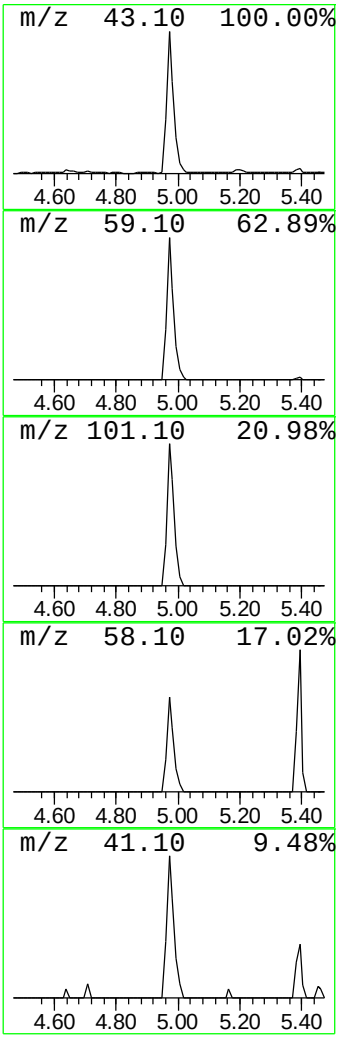
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	6.49 ng	221354	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	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Operator : UM/SJ
Sample : H3437-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U6-B1(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

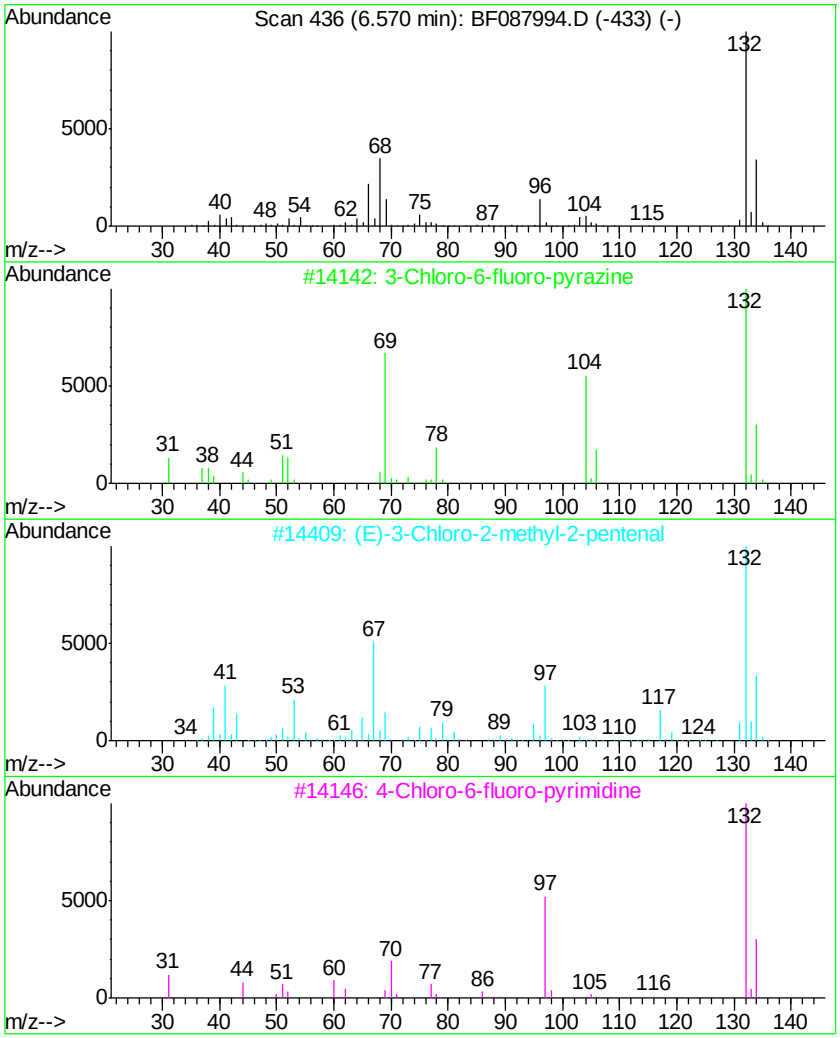
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

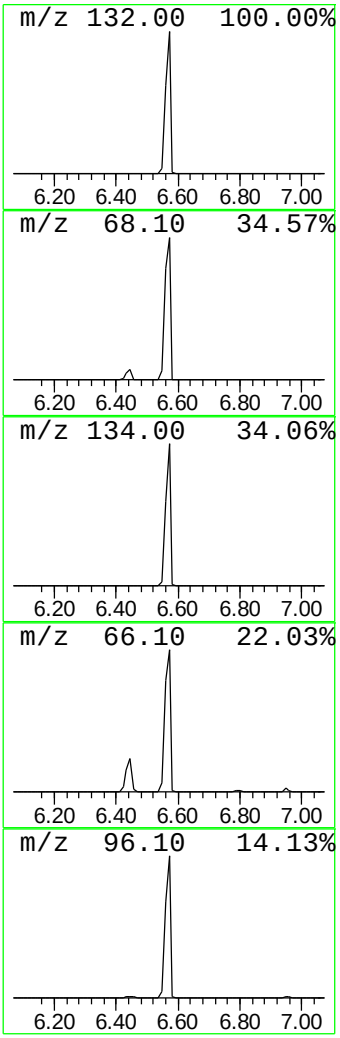
****

Peak Number 3 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	85.90 ng	2927900	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	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	Xenon	132	Xe	007440-63-3	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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TIC Library : C:\Database\NIST11.L
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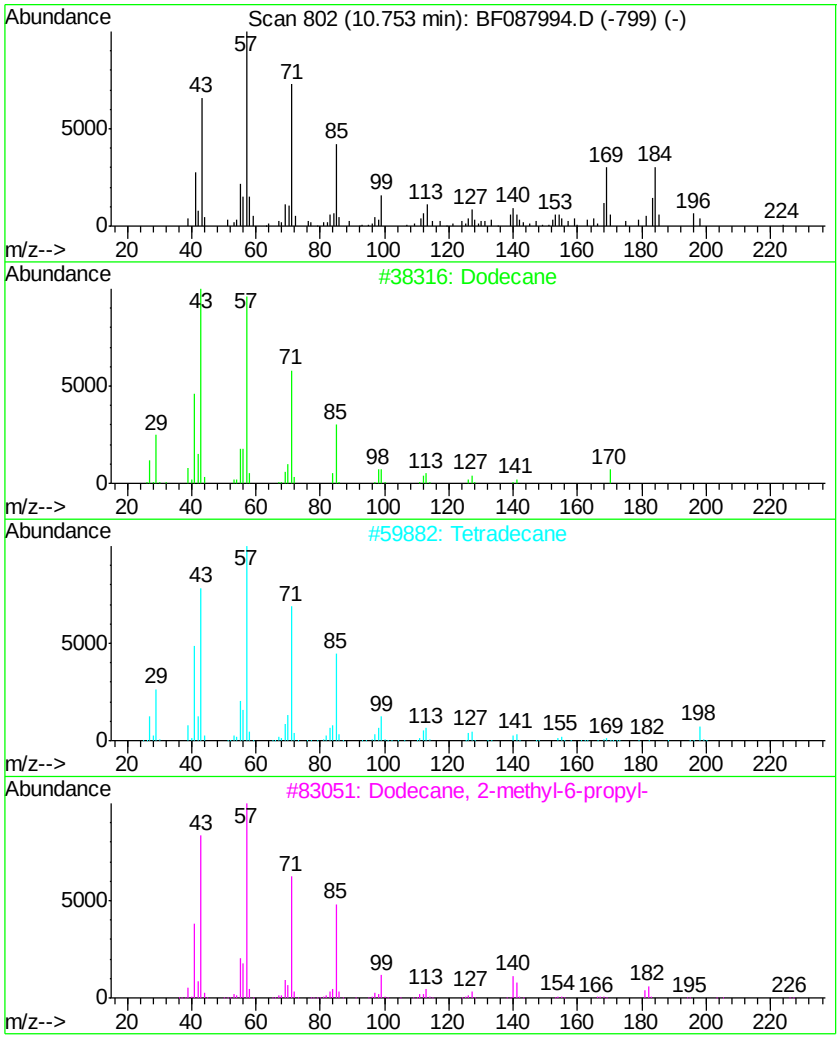
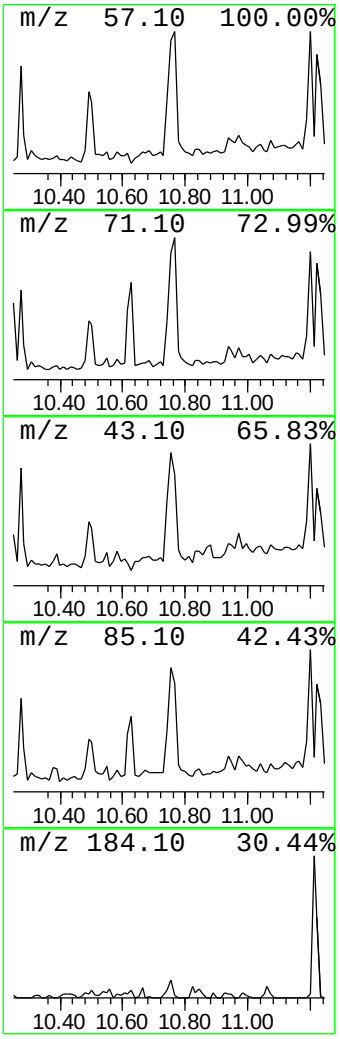
****

Peak Number 6 Dodecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	2.42 ng	149292	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	64
2	Tetradecane	198	C14H30	000629-59-4	64
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	46
4	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	46
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	46





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Instrument : BNA_F
ClientSampleId : U6-B1(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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TIC Library : C:\Database\NIST11.L
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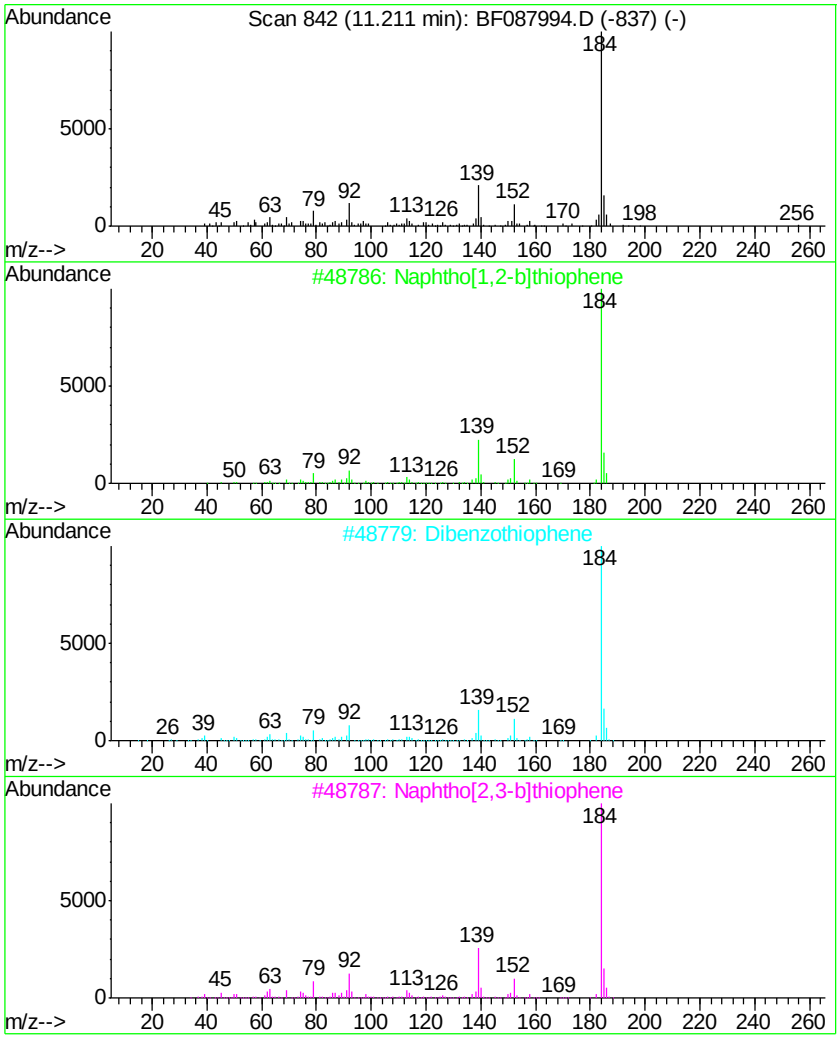
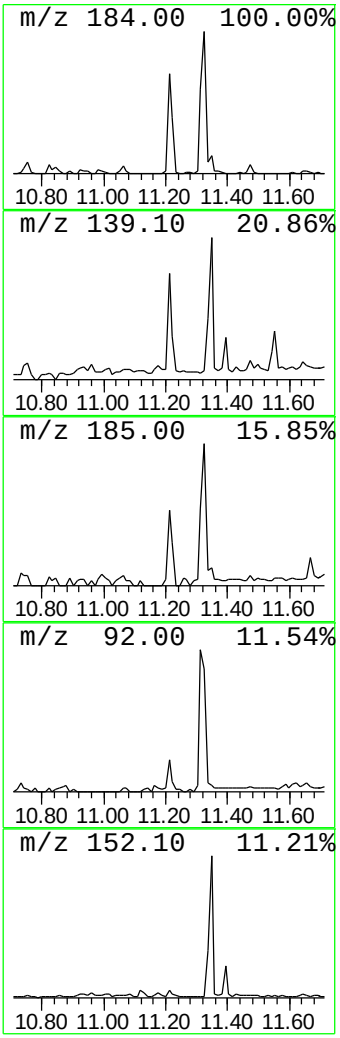
****

Peak Number 7 Naphtho[1,2-b]thiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	5.05 ng	310810	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	96
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	94





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Sample : H3437-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U6-B1(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

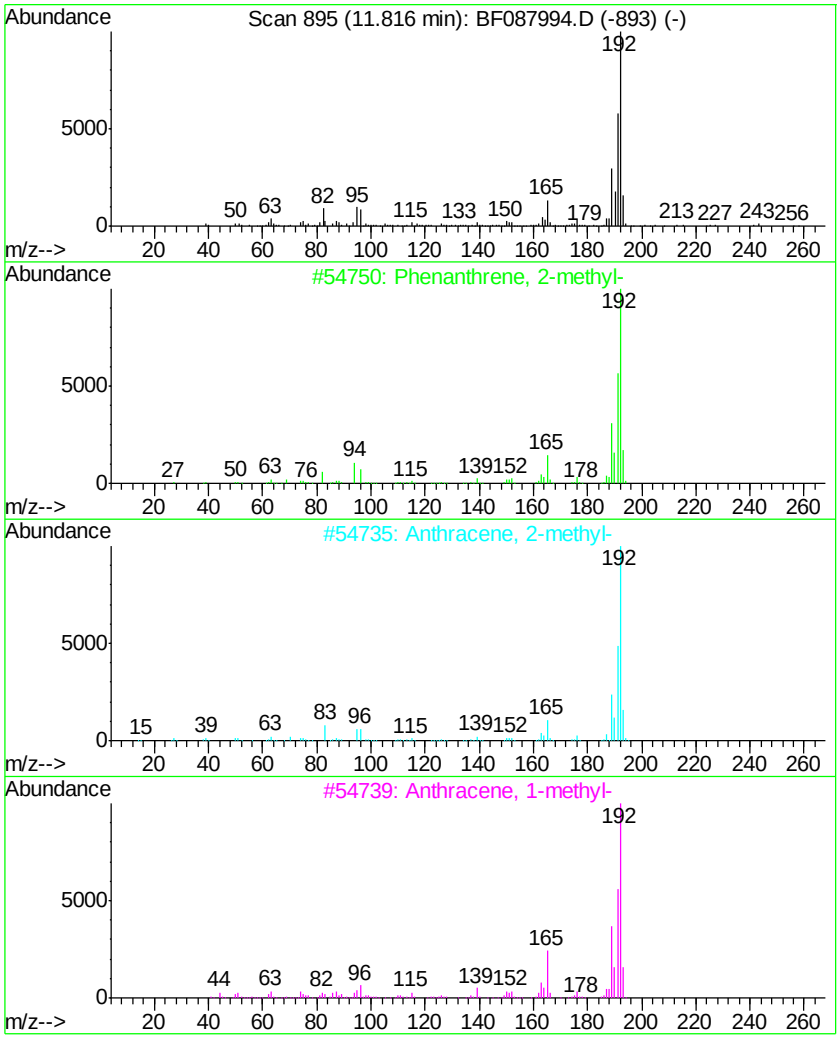
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

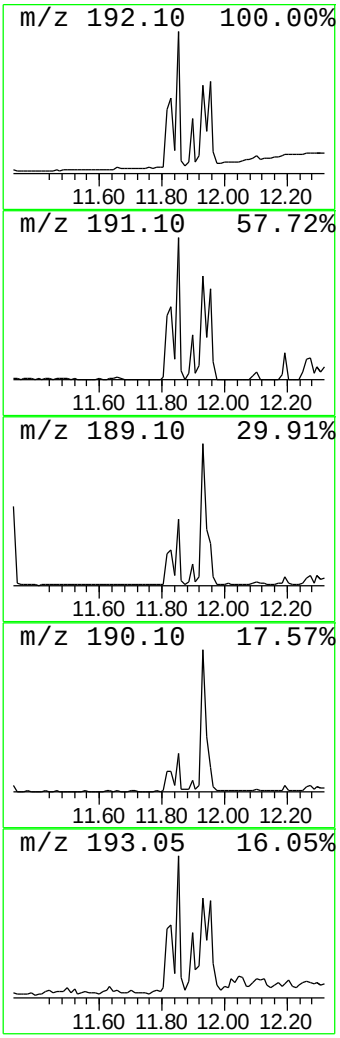
****

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	5.94 ng	365614	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087994.D
Acq On : 13 Jun 2016 20:34
Operator : UM/SJ
Sample : H3437-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U6-B1(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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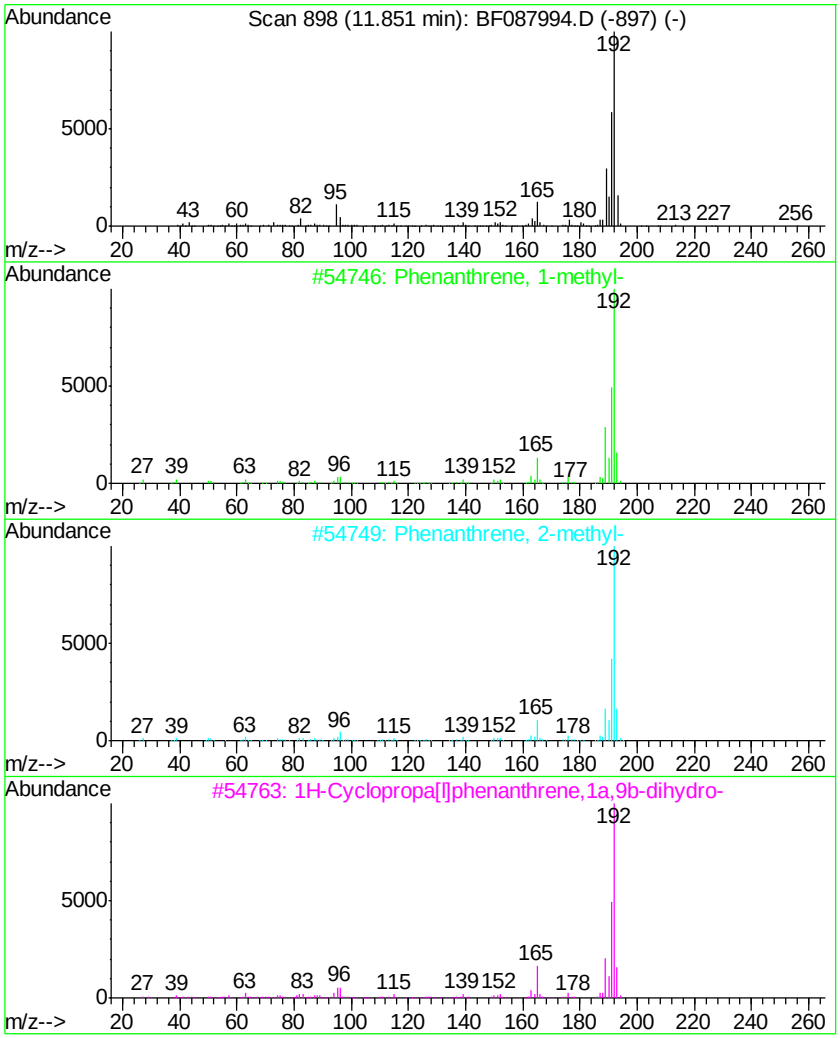
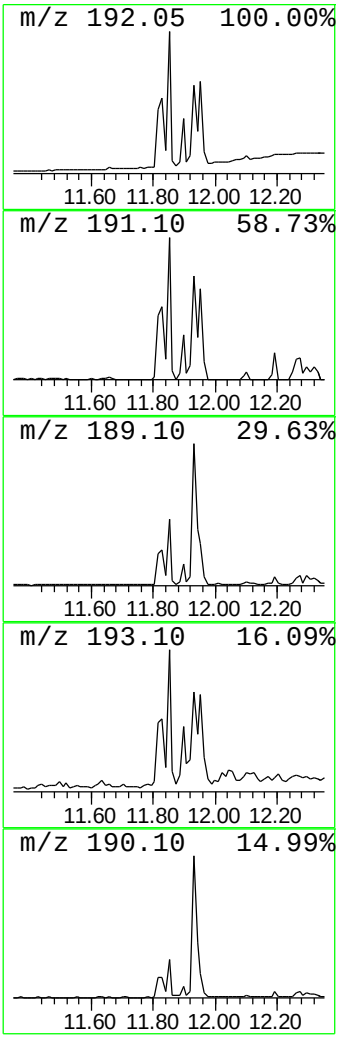
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	7.78 ng	478986	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Acq On : 13 Jun 2016 20:34
Operator : UM/SJ
Sample : H3437-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U6-B1(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

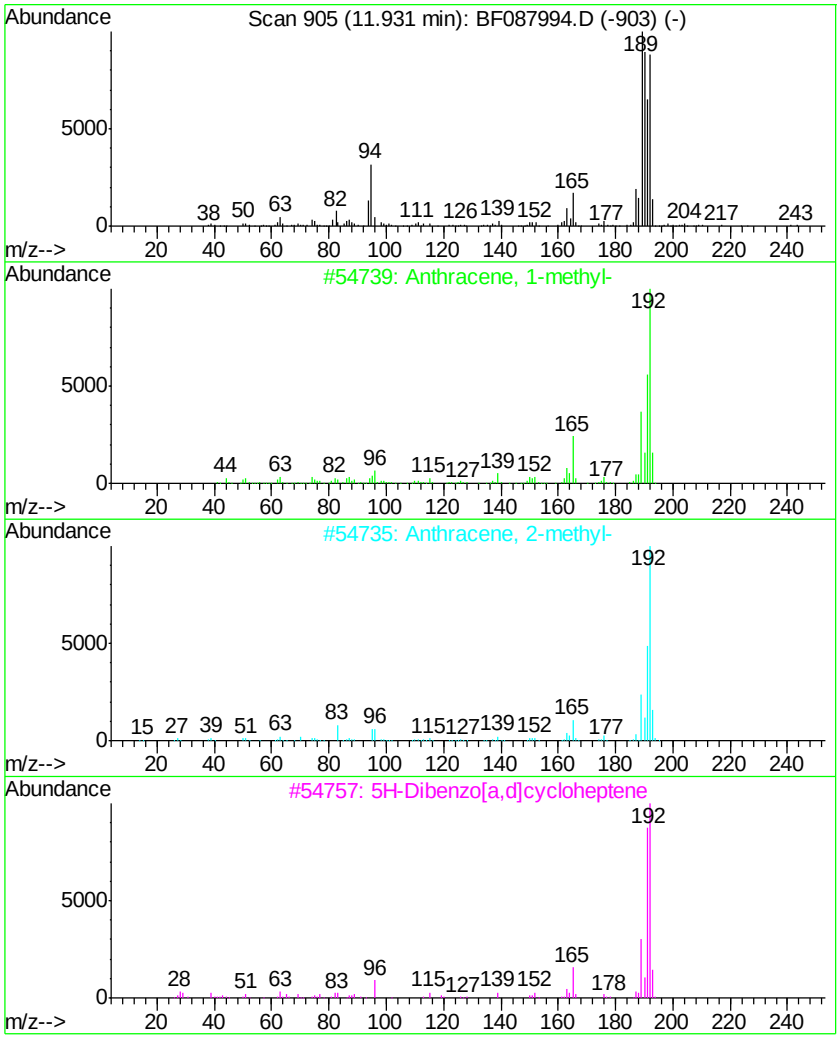
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

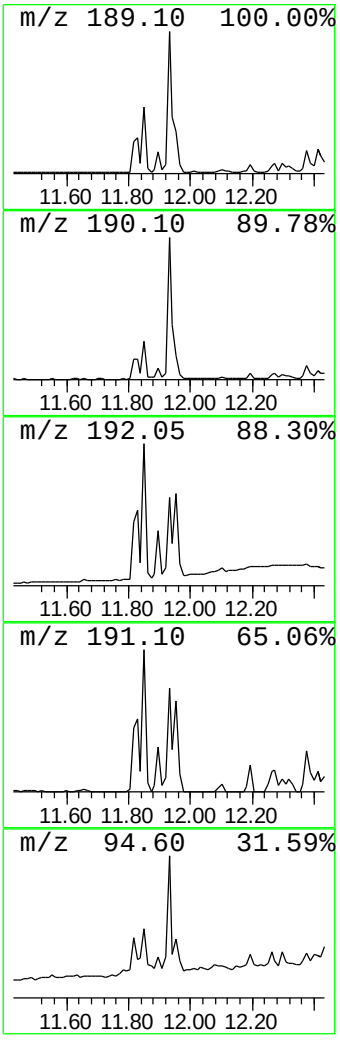
****

Peak Number 11 unknown11.93 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	11.77 ng	724783	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	49
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38





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Acq On : 13 Jun 2016 20:34
Operator : UM/SJ
Sample : H3437-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U6-B1(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

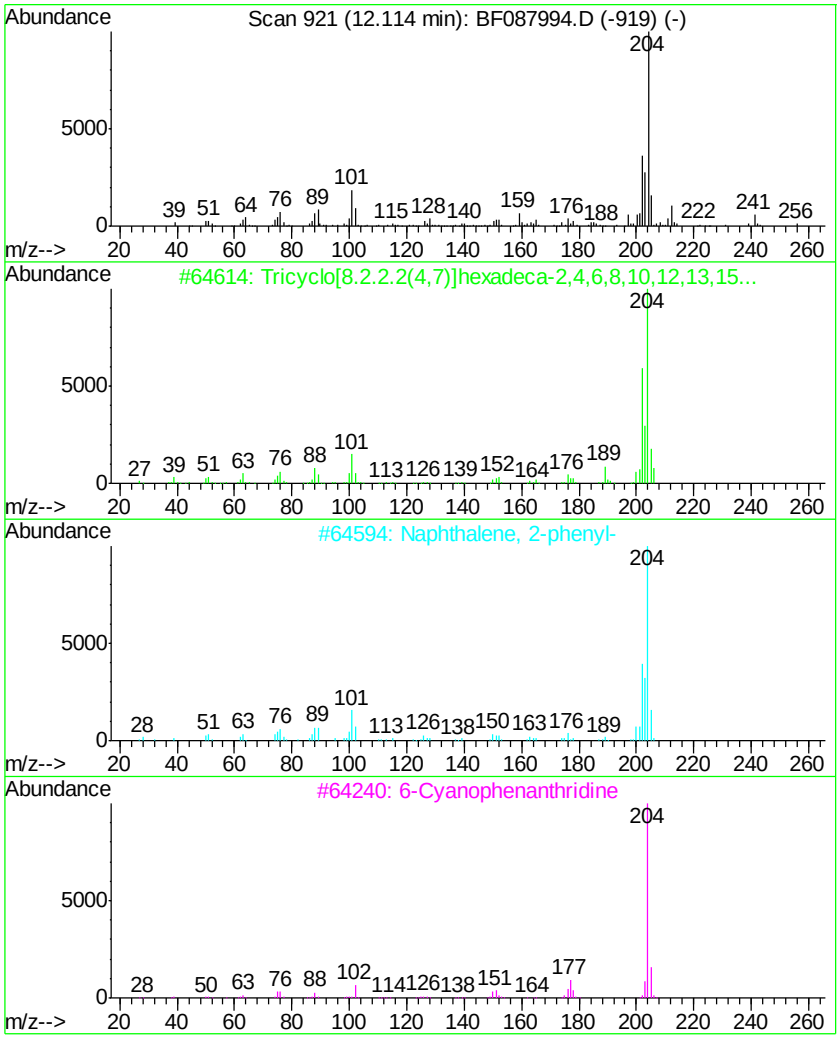
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

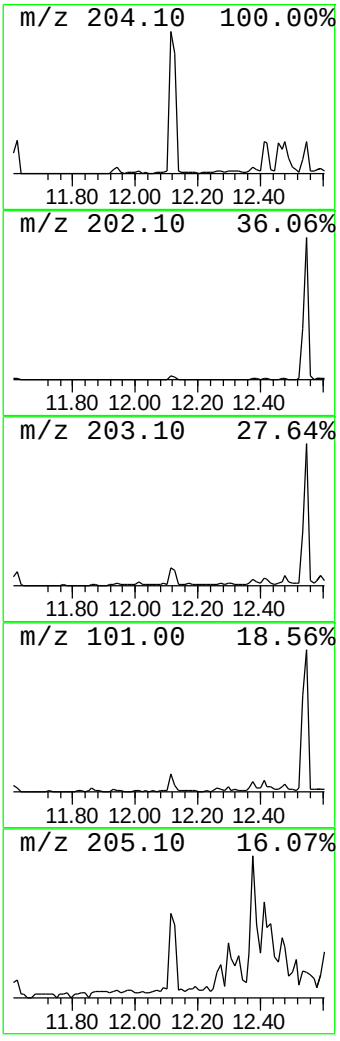
****

Peak Number 12 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	4.64 ng	285941	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	60
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	58





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Data File : BF087994.D
Acq On : 13 Jun 2016 20:34
Operator : UM/SJ
Sample : H3437-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U6-B1(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

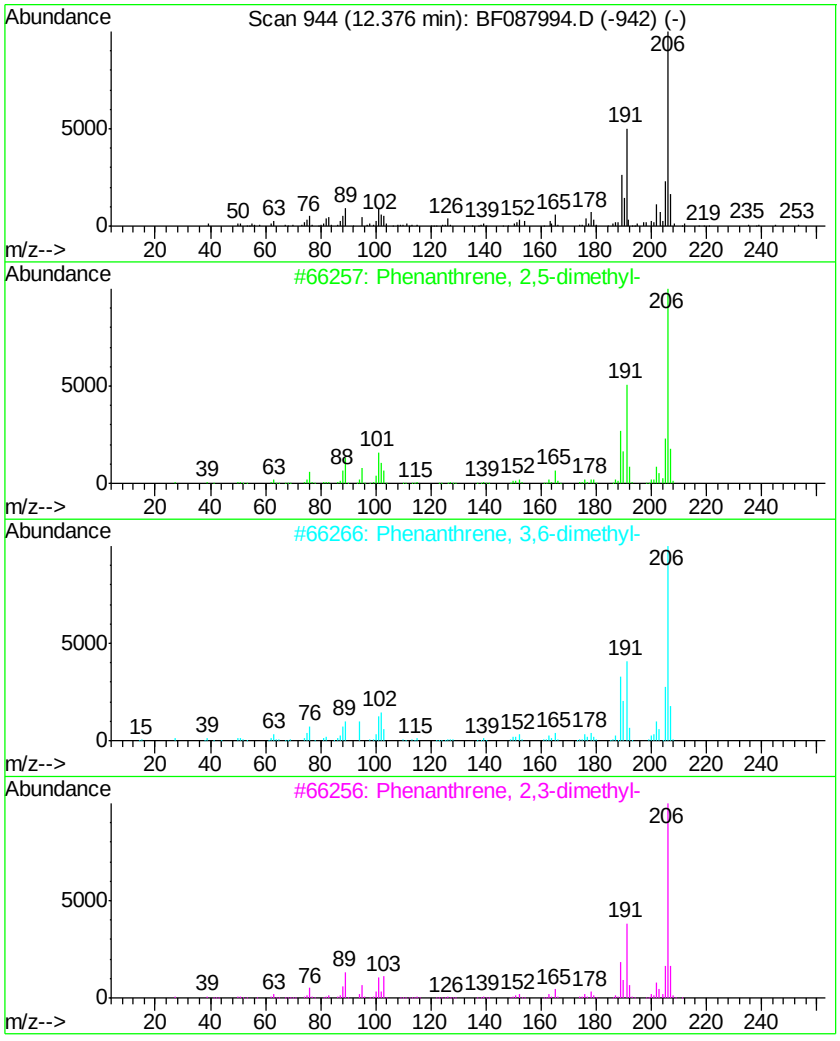
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

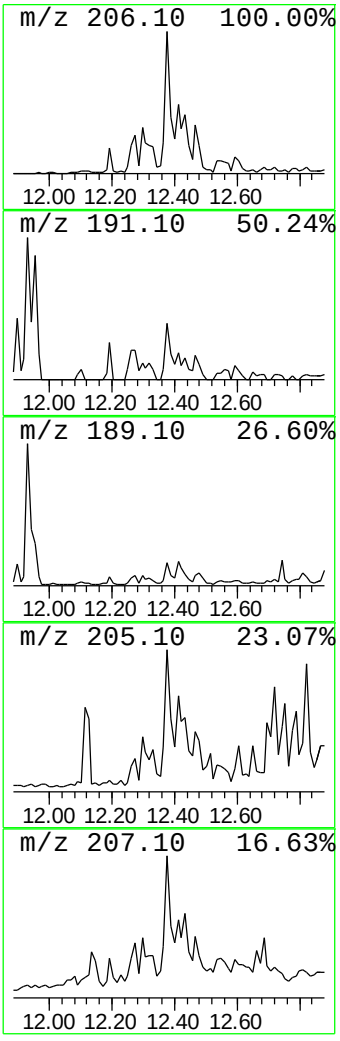
****

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	2.71 ng	166830	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90





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Data File : BF087994.D
Acq On : 13 Jun 2016 20:34
Operator : UM/SJ
Sample : H3437-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U6-B1(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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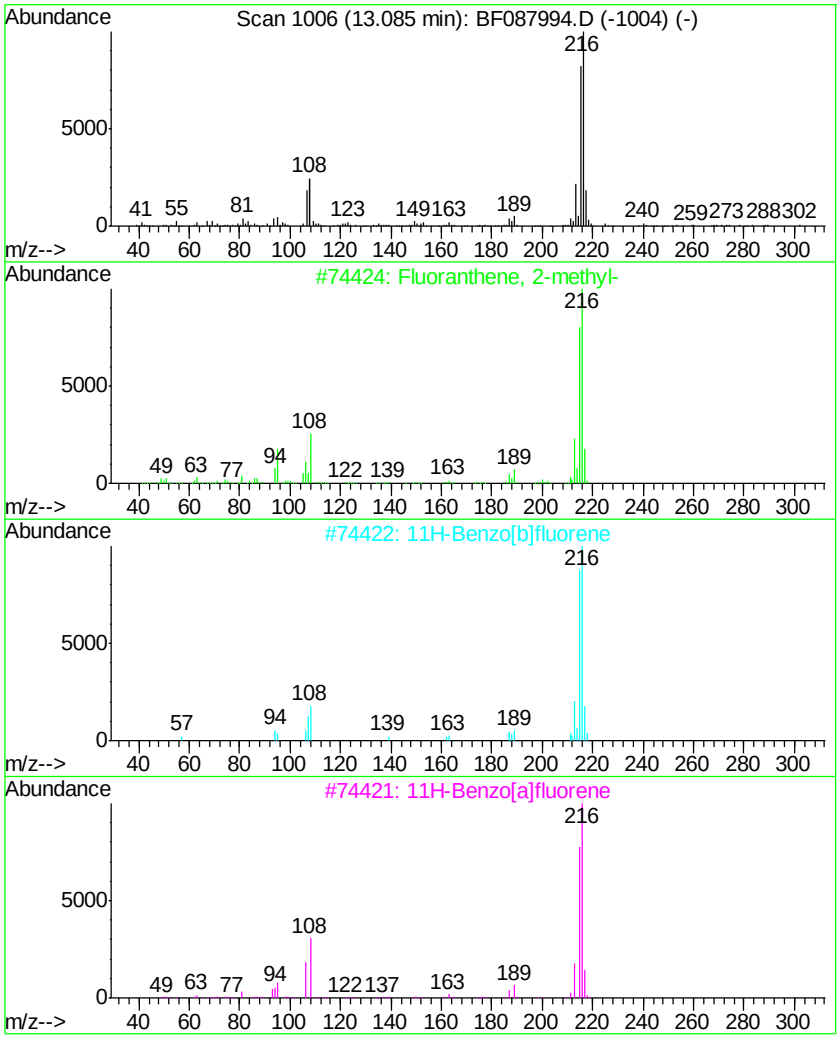
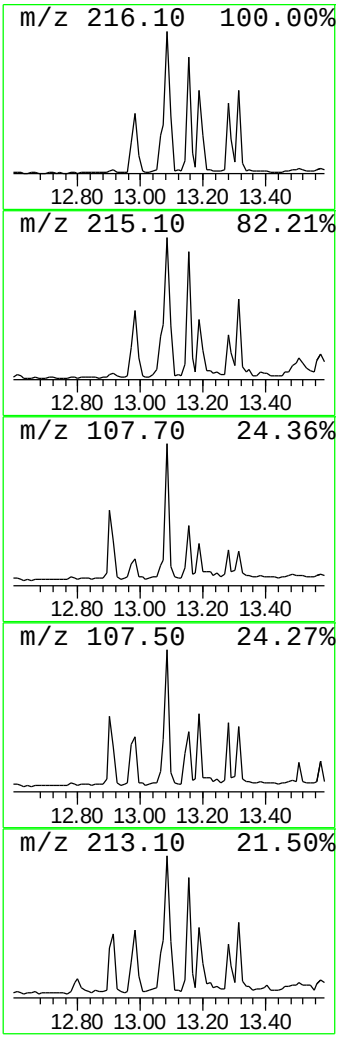
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	3.27 ng	292459	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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Data File : BF087994.D
Acq On : 13 Jun 2016 20:34
Operator : UM/SJ
Sample : H3437-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U6-B1(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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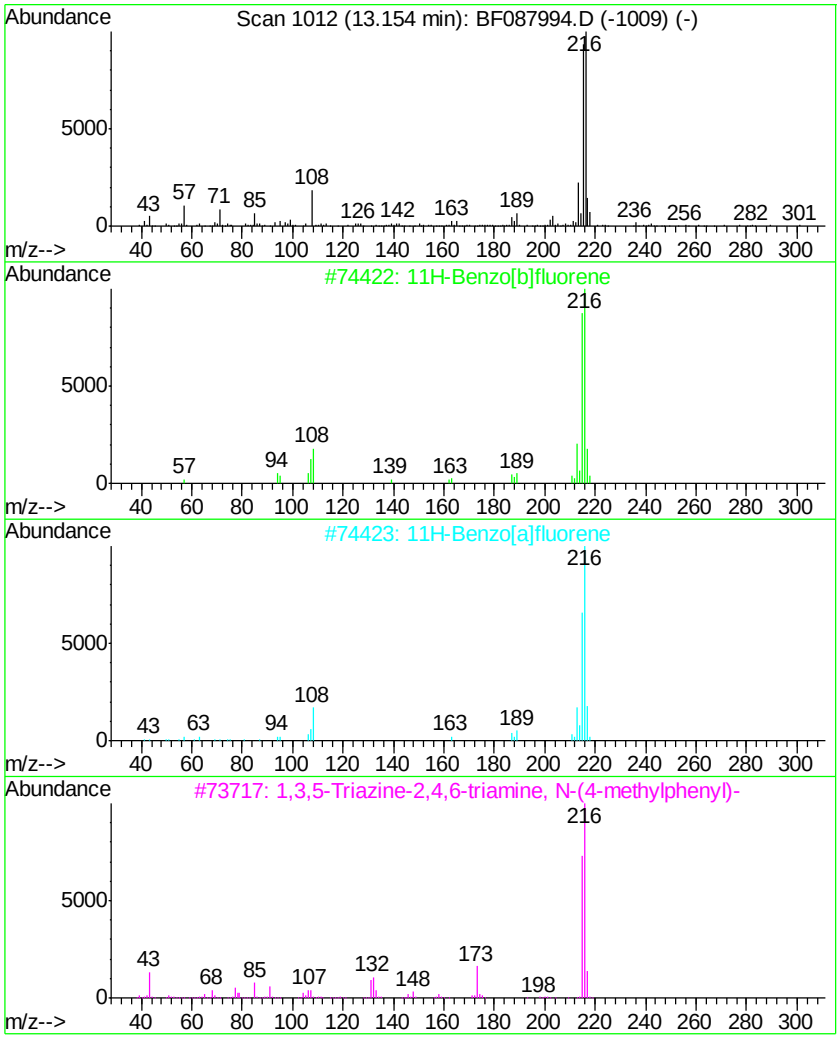
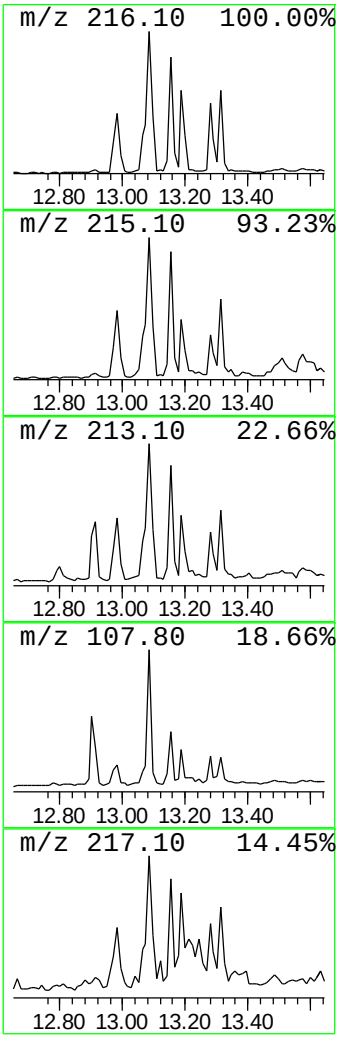
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.65 ng	237463	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	4-Trifluoromethylcinnamic acid	216	C10H7F3O2	002062-26-2	59





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Data File : BF087994.D
Acq On : 13 Jun 2016 20:34
Operator : UM/SJ
Sample : H3437-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U6-B1(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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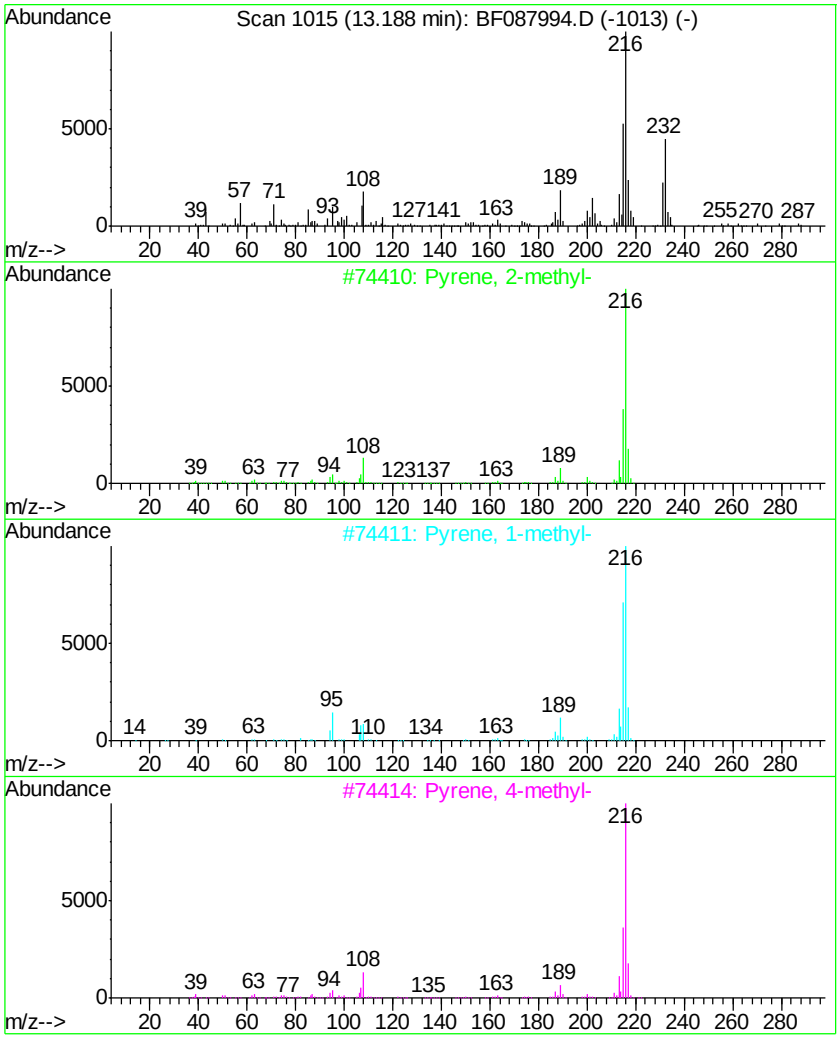
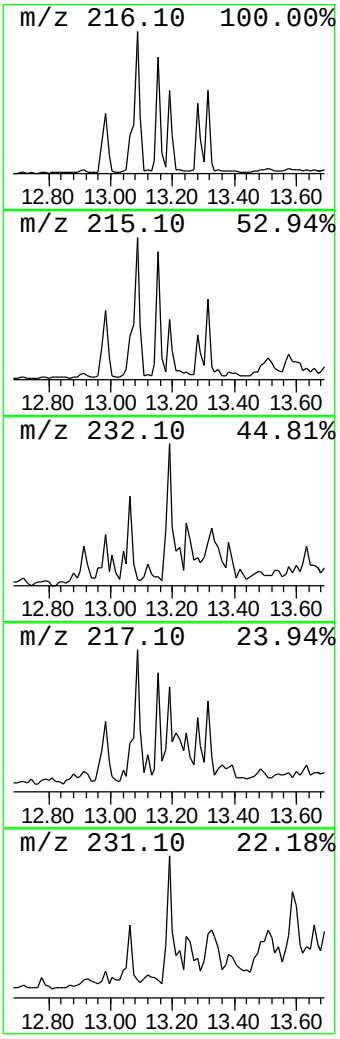
Peak Number 16 Pyrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	2.52 ng	225533	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	92
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60





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Acq On : 13 Jun 2016 20:34
Operator : UM/SJ
Sample : H3437-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U6-B1(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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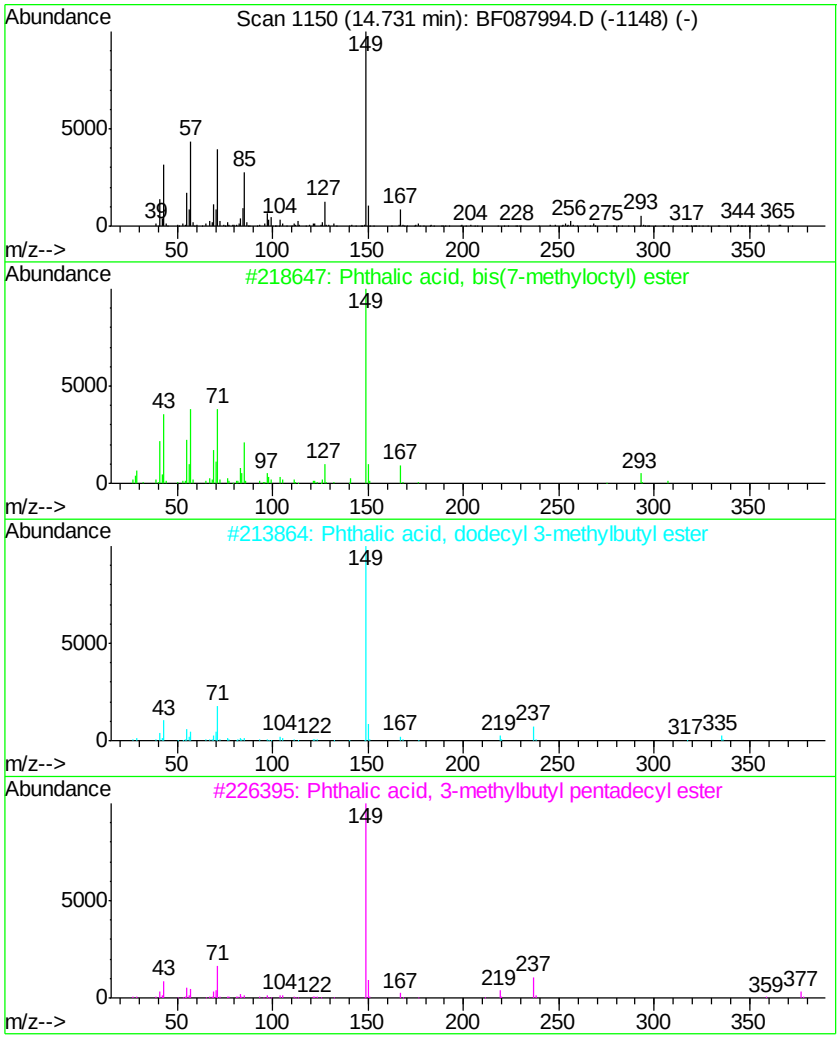
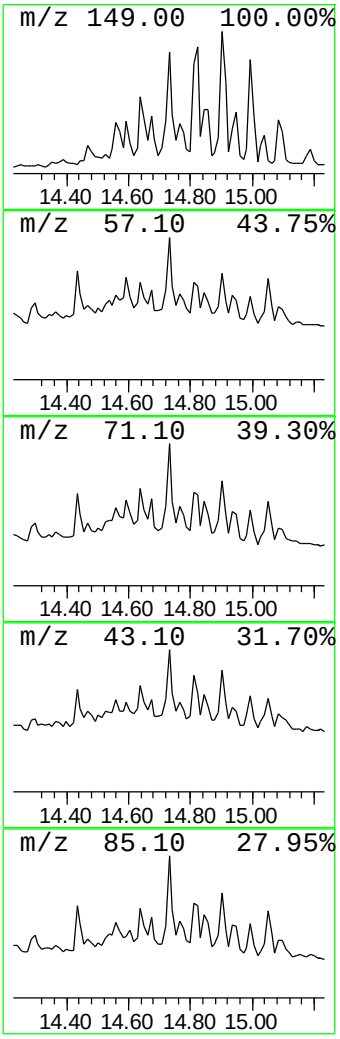
Peak Number 17 Phthalic acid, bis(7-methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	12.80 ng	458093	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, bis(7-methyloctyl...	418	C26H42O4	020548-62-3	91
2	Phthalic acid, dodecyl 3-methylb...	404	C25H40O4	1000356-81-3	59
3	Phthalic acid, 3-methylbutyl pen...	446	C28H46O4	1000356-81-6	59
4	Phthalic acid, 3,4-dichlorophenyl...	422	C22H24Cl2O4	1000315-52-0	53
5	Phthalic acid, 2-ethylbutyl nony...	376	C23H36O4	1000356-89-4	50





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Acq On : 13 Jun 2016 20:34
Operator : UM/SJ
Sample : H3437-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U6-B1(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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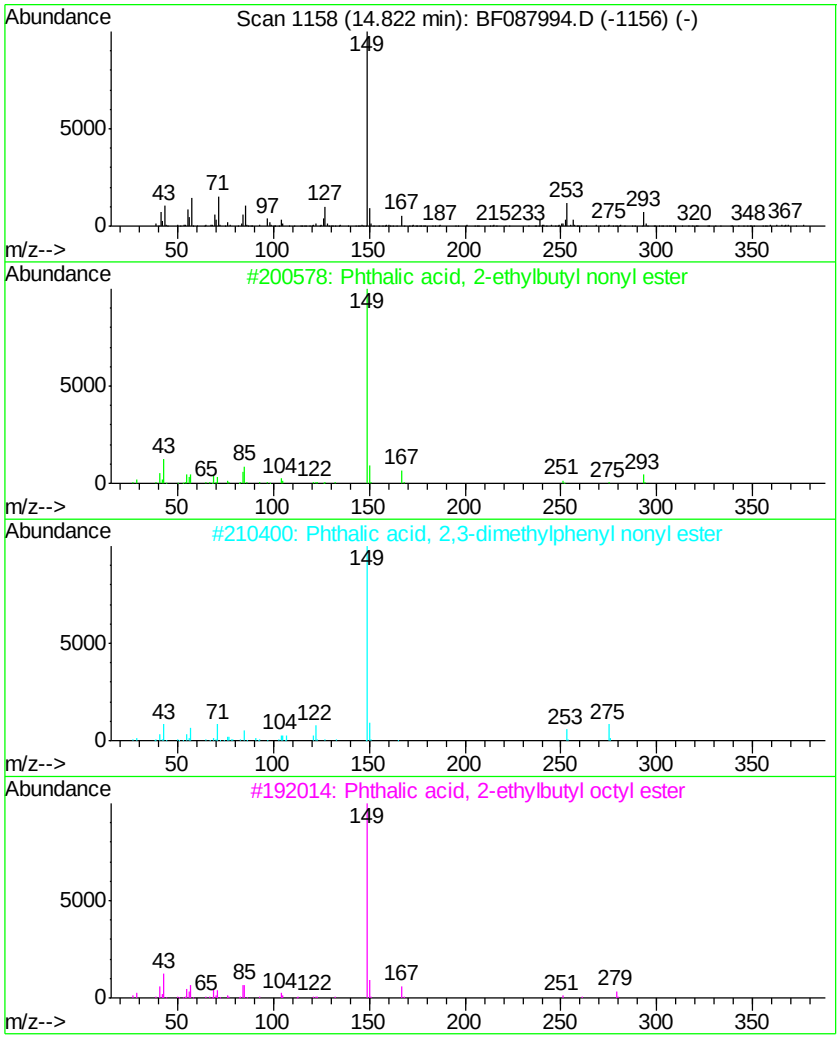
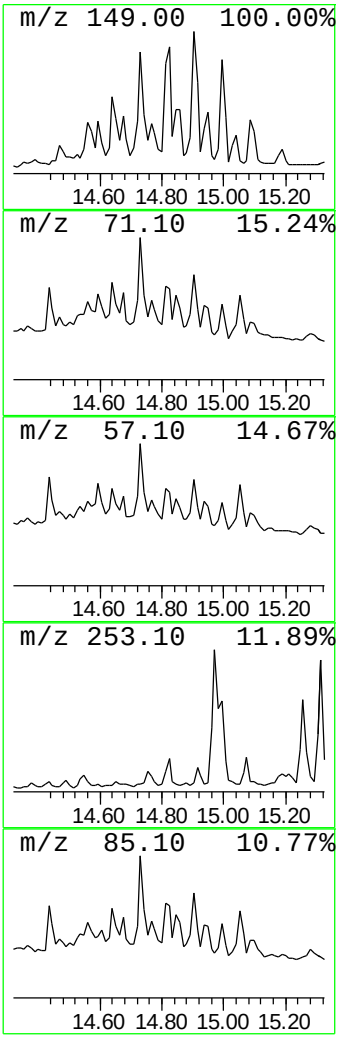
Peak Number 18 Phthalic acid, 2-ethylbutyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	6.88 ng	246454	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2-ethylbutyl nonyl...	376	C23H36O4	1000356-89-4	72
2	Phthalic acid, 2,3-dimethylphenyl...	396	C25H32O4	1000357-09-1	64
3	Phthalic acid, 2-ethylbutyl octyl...	362	C22H34O4	1000356-89-3	64
4	Phthalic acid, heptyl octyl ester	376	C23H36O4	088216-58-4	64
5	Phthalic acid, 2-ethylbutyl hept...	348	C21H32O4	1000356-89-2	64





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Data File : BF087994.D
Acq On : 13 Jun 2016 20:34
Operator : UM/SJ
Sample : H3437-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U6-B1(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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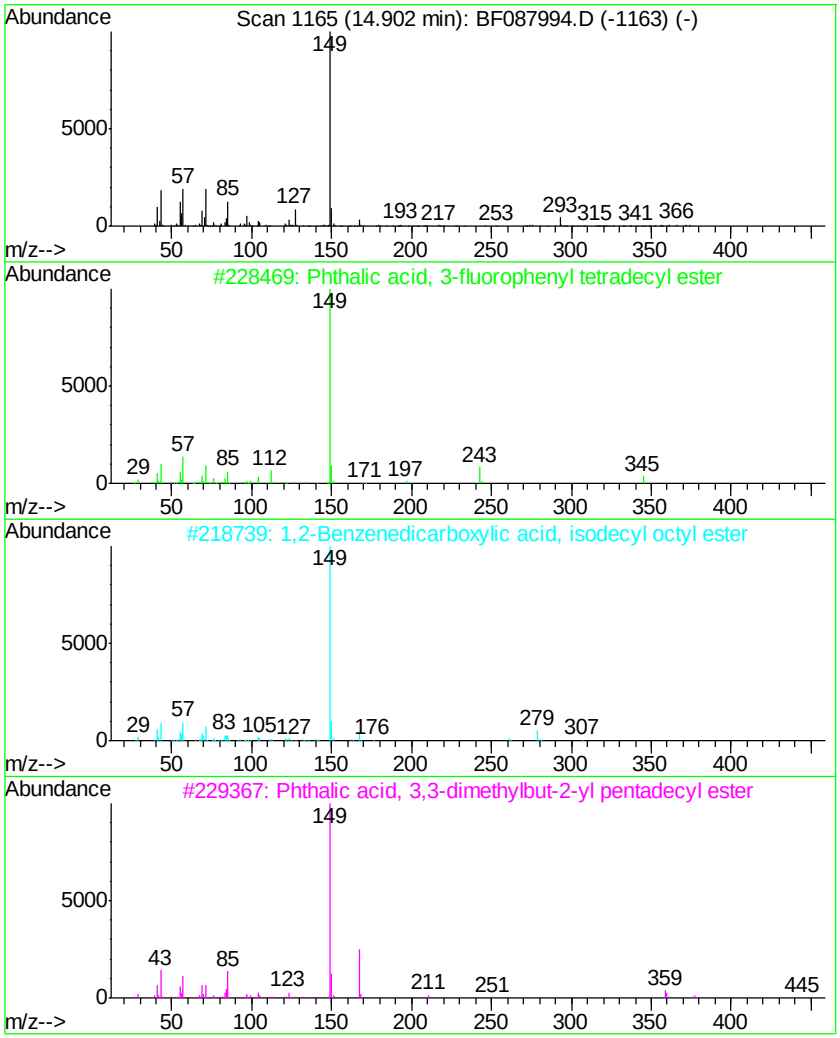
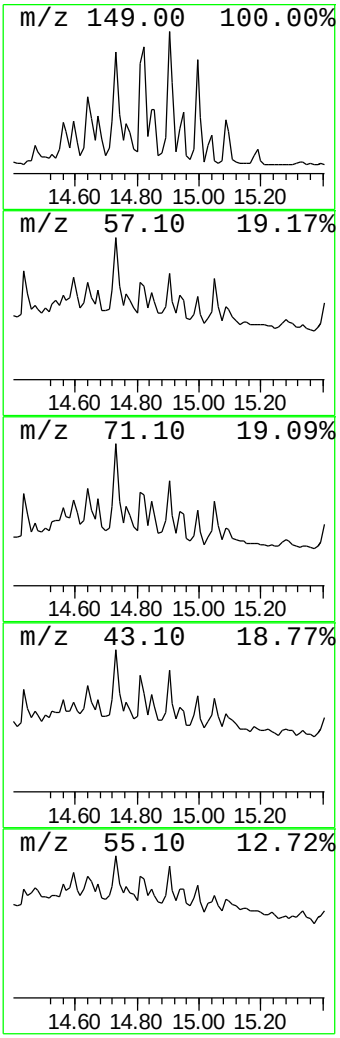
Peak Number 19 Phthalic acid, 3-fluorophen... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	7.16 ng	256330	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 3-fluorophenyl te...	456	C28H37FO4	1000356-66-6	72
2	1,2-Benzenedicarboxylic acid, is...	418	C26H42O4	001330-96-7	59
3	Phthalic acid, 3,3-dimethylbut-2...	460	C29H48O4	1000357-01-4	59
4	Phthalic acid, 3,3-dimethylbut-2...	418	C26H42O4	1000357-01-1	59
5	1,2-Benzenedicarboxylic acid, de...	390	C24H38O4	025724-58-7	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
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Acq On : 13 Jun 2016 20:34
Operator : UM/SJ
Sample : H3437-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U6-B1(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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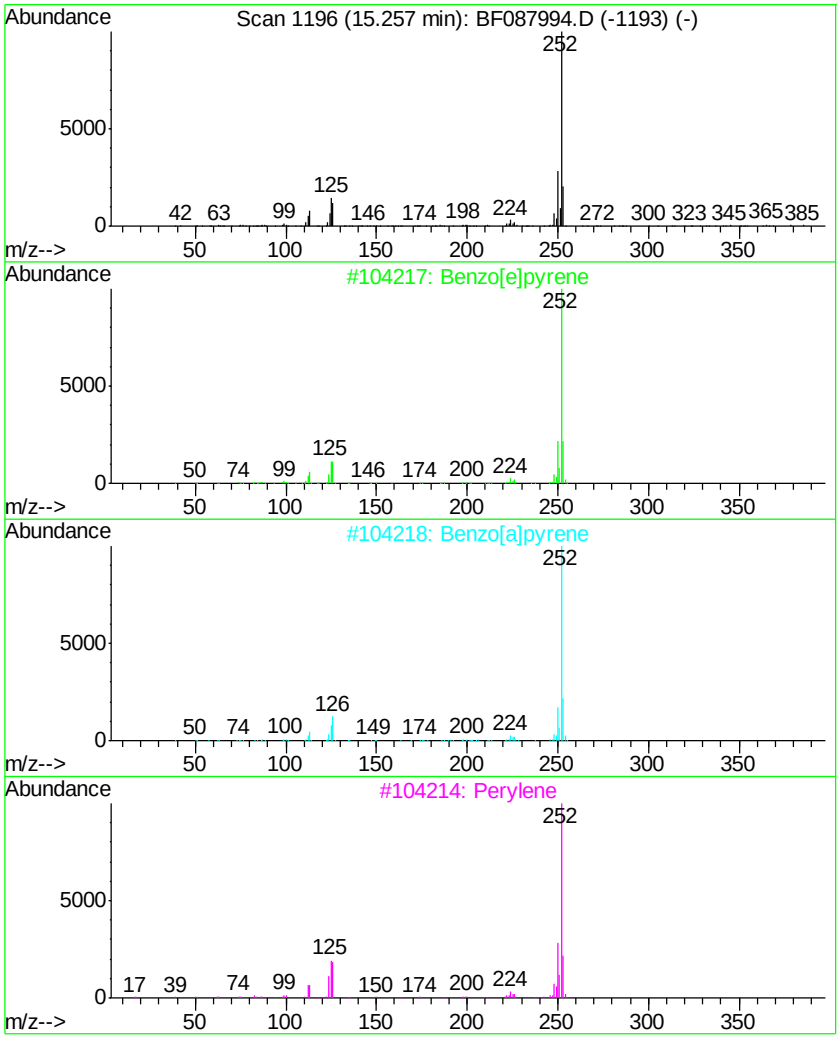
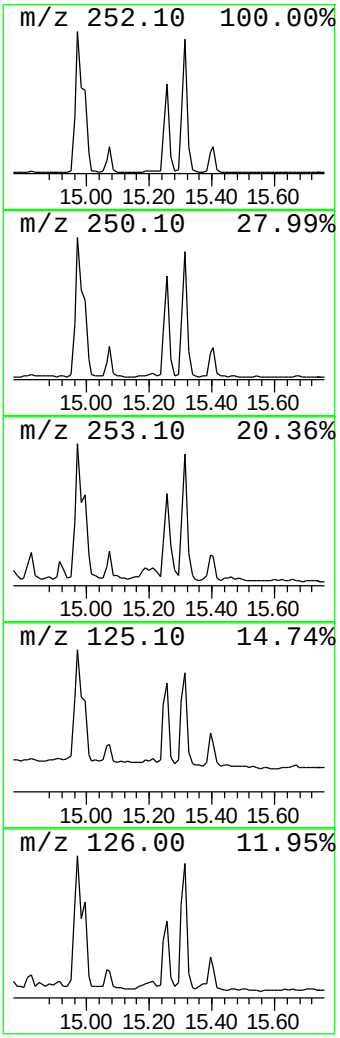
Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	7.84 ng	280802	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061316\
Data File : BF087994.D
Acq On : 13 Jun 2016 20:34
Operator : UM/SJ
Sample : H3437-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U6-B1(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.97	6.5	ng	221354	1	6.80	681723	20.0
unknown6.57	6.57	85.9	ng	2927900	1	6.80	681723	20.0
Dodecane	10.75	2.4	ng	149292	4	11.32	1231890	20.0
Naphtho[1,2-b]thi...	11.21	5.0	ng	310810	4	11.32	1231890	20.0
Phenanthrene, 2-m...	11.82	5.9	ng	365614	4	11.32	1231890	20.0
Phenanthrene, 1-m...	11.85	7.8	ng	478986	4	11.32	1231890	20.0
unknown11.93	11.93	11.8	ng	724783	4	11.32	1231890	20.0
Tricyclo[8.2.2.2(...	12.11	4.6	ng	285941	4	11.32	1231890	20.0
Phenanthrene, 2,5...	12.38	2.7	ng	166830	4	11.32	1231890	20.0
Fluoranthene, 2-m...	13.09	3.3	ng	292459	5	13.95	1789160	20.0
11H-Benzo[b]fluorene	13.15	2.6	ng	237463	5	13.95	1789160	20.0
Pyrene, 2-methyl-	13.19	2.5	ng	225533	5	13.95	1789160	20.0
Phthalic acid, bi...	14.73	12.8	ng	458093	6	15.37	715924	20.0
Phthalic acid, 2-...	14.82	6.9	ng	246454	6	15.37	715924	20.0
Phthalic acid, 3-...	14.90	7.2	ng	256330	6	15.37	715924	20.0
Benzo[e]pyrene	15.26	7.8	ng	280802	6	15.37	715924	20.0