LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
Data File : BF092819.D
Acq On : 7 Feb 2017 2:00
Operator : SJ/MA
Sample : I1704-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-002-B

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	4.441	204	206	211	rBV	416973	538224	11.65%	0.680%
2	5.104	261	264	267	rBV	2003024	3607322	78.11%	4.557%
3	5.481	293	297	299	rBV	74737	91384	1.98%	0.115%
4	5.527	299	301	303	rVB	2464466	2224602	48.17%	2.810%
5	6.110	350	352	355	rBV	91844	130862	2.83%	0.165%
6	6.567	388	392	394	rBV	3094657	4618377	100.00%	5.834%
7	6.693	400	403	405	rBV	2596075	3518210	76.18%	4.444%
8	6.910	420	422	425	rBV	617796	863707	18.70%	1.091%
9	7.002	425	430	431	rVV3	41831	84689	1.83%	0.107%
10	7.070	434	436	439	rVV	2738601	3290042	71.24%	4.156%
11	7.482	469	472	474	rVV	2263548	2515275	54.46%	3.177%
12	7.767	495	497	500	rVB2	180399	195565	4.23%	0.247%
13	7.893	503	508	509	rBV2	76886	82633	1.79%	0.104%
14	7.939	511	512	515	rVB	70498	96439	2.09%	0.122%
15	8.042	519	521	525	rVB2	106109	156156	3.38%	0.197%
16	8.225	533	537	539	rBV2	2420331	3079016	66.67%	3.889%
17	8.556	563	566	568	rBV	85975	97527	2.11%	0.123%
18	8.910	596	597	599	rVV	529173	598633	12.96%	0.756%
19	9.013	604	606	608	rVV	558966	470335	10.18%	0.594%
20	9.276	627	629	632	rVB	3303759	4167345	90.23%	5.264%
21	9.356	634	636	637	rBV	102061	121239	2.63%	0.153%
22	9.379	637	638	641	rVB	377892	297146	6.43%	0.375%
23	9.470	644	646	649	rVB	119187	136365	2.95%	0.172%
24	9.539	649	652	654	rBV	201753	287729	6.23%	0.363%
25	9.619	656	659	662	rVV2	274017	499924	10.82%	0.631%
26	9.676	662	664	665	rVV	398235	416886	9.03%	0.527%
27	9.733	667	669	674	rVB	161199	191671	4.15%	0.242%
28	9.813	674	676	678	rBV	266187	316101	6.84%	0.399%
29	9.882	678	682	684	rBV2	104166	130854	2.83%	0.165%
30	9.962	684	689	690	rVV2	964065	1214008	26.29%	1.533%
31	9.996	690	692	693	rVV	1277898	1550815	33.58%	1.959%
32	10.065	696	698	700	rBV	59557	88602	1.92%	0.112%
33	10.110	700	702	704	rBV3	108734	144234	3.12%	0.182%
34	10.168	704	707	708	rVV	855001	1069630	23.16%	1.351%

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Integrator: RTE
Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.202	708	710	712	rVV	100202	103759	2.25%	0.131%
36	10.270	714	716	718	rBV	77722	90387	1.96%	0.114%
37	10.362	722	724	725	rBV	107756	139205	3.01%	0.176%
38	10.385	725	726	727	rVB	215234	147919	3.20%	0.187%
39	10.510	734	737	739	rBV	1417896	1509948	32.69%	1.907%
40	10.568	739	742	743	rBV	107779	148247	3.21%	0.187%
41	10.590	743	744	747	rVV2	204111	239709	5.19%	0.303%
42	10.659	749	750	752	rVB	250294	213319	4.62%	0.269%
43	10.739	755	757	760	rBV3	471807	676304	14.64%	0.854%
44	10.865	766	768	772	rVB3	174129	340741	7.38%	0.430%
45	10.933	772	774	775	rBV2	77617	126489	2.74%	0.160%
46	11.048	781	784	786	rBV3	181757	277394	6.01%	0.350%
47	11.139	790	792	793	rVV	96583	83093	1.80%	0.105%
48	11.185	793	796	800	rVB3	95599	216123	4.68%	0.273%
49	11.253	800	802	804	rVB	102918	116726	2.53%	0.147%
50	11.299	804	806	808	rBV2	192295	322277	6.98%	0.407%
51	11.345	808	810	812	rVB2	344003	432949	9.37%	0.547%
52	11.448	816	819	820	rBV	892198	1290193	27.94%	1.630%
53	11.471	820	821	823	rVV	3473370	4417839	95.66%	5.580%
54	11.528	823	826	827	rVB	876229	1272711	27.56%	1.608%
55	11.551	827	828	831	rBV	175269	156188	3.38%	0.197%
56	11.676	835	839	842	rBV	665748	688624	14.91%	0.870%
57	11.733	842	844	846	rBV2	201349	197158	4.27%	0.249%
58	11.779	846	848	850	rVB2	93668	110893	2.40%	0.140%
59	11.951	860	863	864	rBV	464800	556281	12.04%	0.703%
60	11.973	864	865	867	rVB	738317	601328	13.02%	0.760%
61	12.019	867	869	871	rBV	253157	276386	5.98%	0.349%
62	12.065	871	873	876	rVB	711393	1275246	27.61%	1.611%
63	12.145	876	880	882	rBV2	120124	218878	4.74%	0.276%
64	12.236	886	888	890	rVV	259254	358425	7.76%	0.453%
65	12.271	890	891	892	rVB	163693	113121	2.45%	0.143%
66	12.385	899	901	903	rBV3	83600	146650	3.18%	0.185%
67	12.419	903	904	905	rVV	139772	105205	2.28%	0.133%
68	12.499	908	911	912	rBV	252195	319874	6.93%	0.404%
69	12.534	912	914	917	rVB	241441	373786	8.09%	0.472%
70	12.579	917	918	921	rBV2	103432	164825	3.57%	0.208%
71	12.659	923	925	927	rBV	2788097	3629630	78.59%	4.585%

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72	12.716	927	930	932	rBV3	61982	109334	2.37%	0.138%
73	12.751	932	933	935	rBV	152923	138339	3.00%	0.175%
74	12.808	936	938	942	rVB3	165171	256055	5.54%	0.323%
75	12.888	942	945	948	rBV	2369061	3799565	82.27%	4.799%
76	12.934	948	949	952	rVB2	175908	205351	4.45%	0.259%
77	13.036	955	958	960	rVB	2923425	3444853	74.59%	4.351%
78	13.105	961	964	966	rBV2	241445	444184	9.62%	0.561%
79	13.219	970	974	975	rVB	627136	795481	17.22%	1.005%
80	13.254	975	977	978	rBV2	136862	143199	3.10%	0.181%
81	13.276	978	979	981	rBV	381799	539284	11.68%	0.681%
82	13.322	981	983	984	rBV2	308321	305129	6.61%	0.385%
83	13.414	989	991	992	rBV	177244	146420	3.17%	0.185%
84	13.448	992	994	997	rBV2	139462	192909	4.18%	0.244%
85	13.505	997	999	1001	rBV	217477	195476	4.23%	0.247%
86	13.597	1005	1007	1008	rBV	146576	167910	3.64%	0.212%
87	13.722	1014	1018	1020	rBV2	179497	419981	9.09%	0.531%
88	13.837	1026	1028	1029	rBV	234481	241158	5.22%	0.305%
89	13.928	1034	1036	1039	rVB2	305070	384074	8.32%	0.485%
90	14.077	1046	1049	1051	rBV2	1547252	2957634	64.04%	3.736%
91	14.191	1058	1059	1060	rBV	207710	159282	3.45%	0.201%
92	14.477	1082	1084	1085	rVB	187955	207573	4.49%	0.262%
93	14.545	1088	1090	1093	rBV3	163195	358771	7.77%	0.453%
94	15.128	1138	1141	1144	rBV	762932	1638470	35.48%	2.070%
95	15.231	1148	1150	1152	rVB	172001	194553	4.21%	0.246%
96	15.425	1165	1167	1170	rVB	447350	599094	12.97%	0.757%
97	15.482	1170	1172	1175	rBV	601478	842768	18.25%	1.065%
98	15.551	1175	1178	1184	rVB3	453310	1037351	22.46%	1.310%
99	17.003	1302	1305	1308	rVB2	243706	490203	10.61%	0.619%
100	17.437	1340	1343	1350	rBV	176025	402902	8.72%	0.509%

Sum of corrected areas: 79166680

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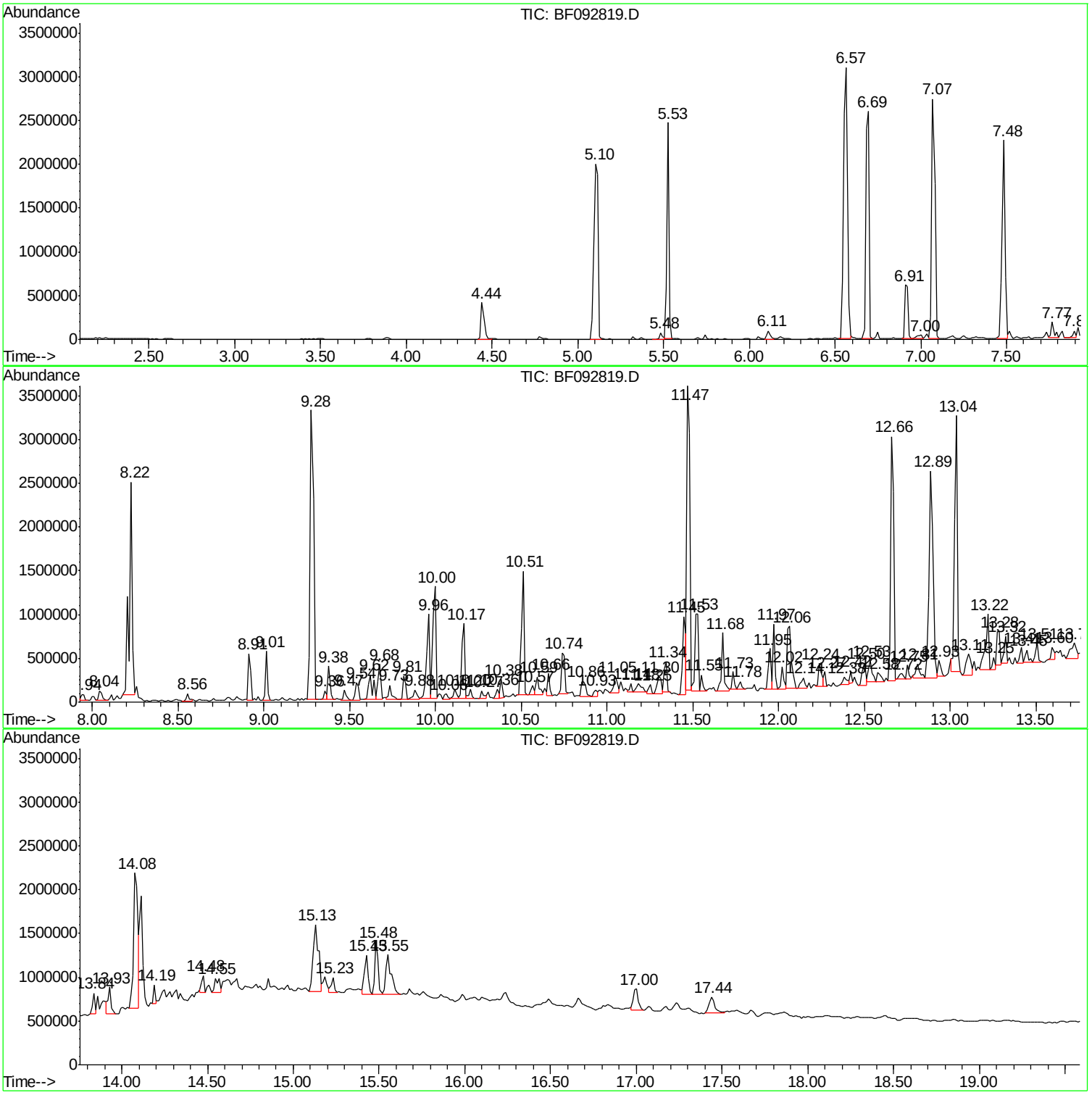
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-002-B

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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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST02.L
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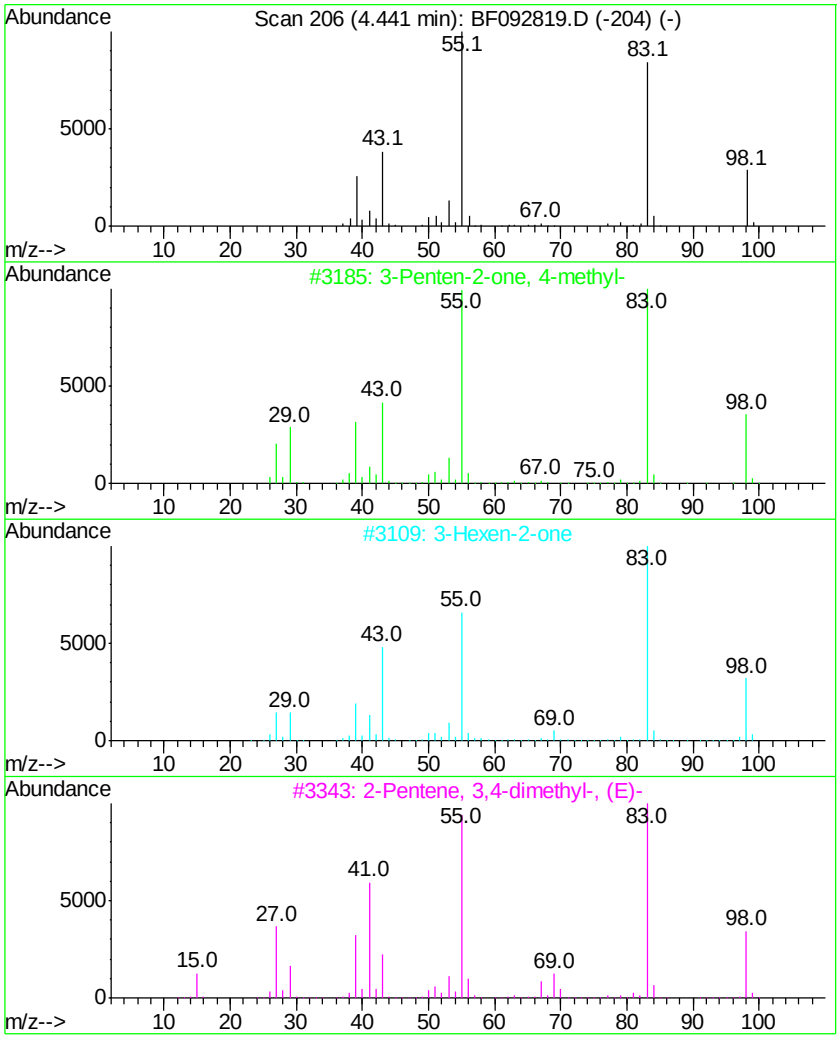
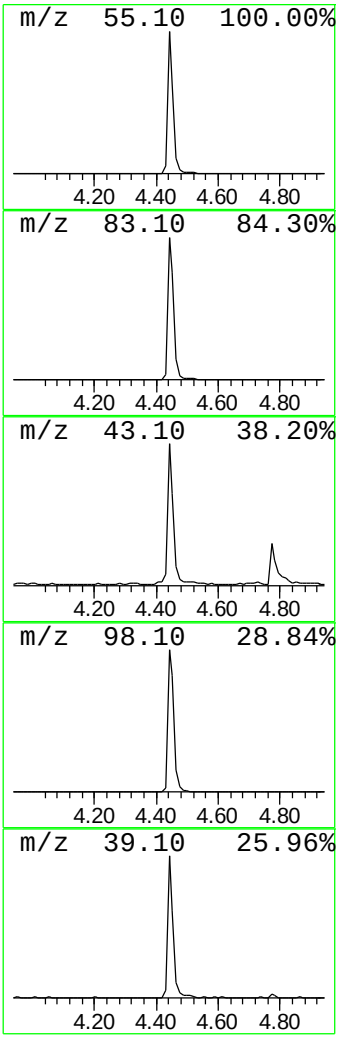
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.44	12.46 ng	538224	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Hexen-2-one	98	C6H10O	000763-93-9	90
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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TIC Library : C:\DATABASE\NIST02.L
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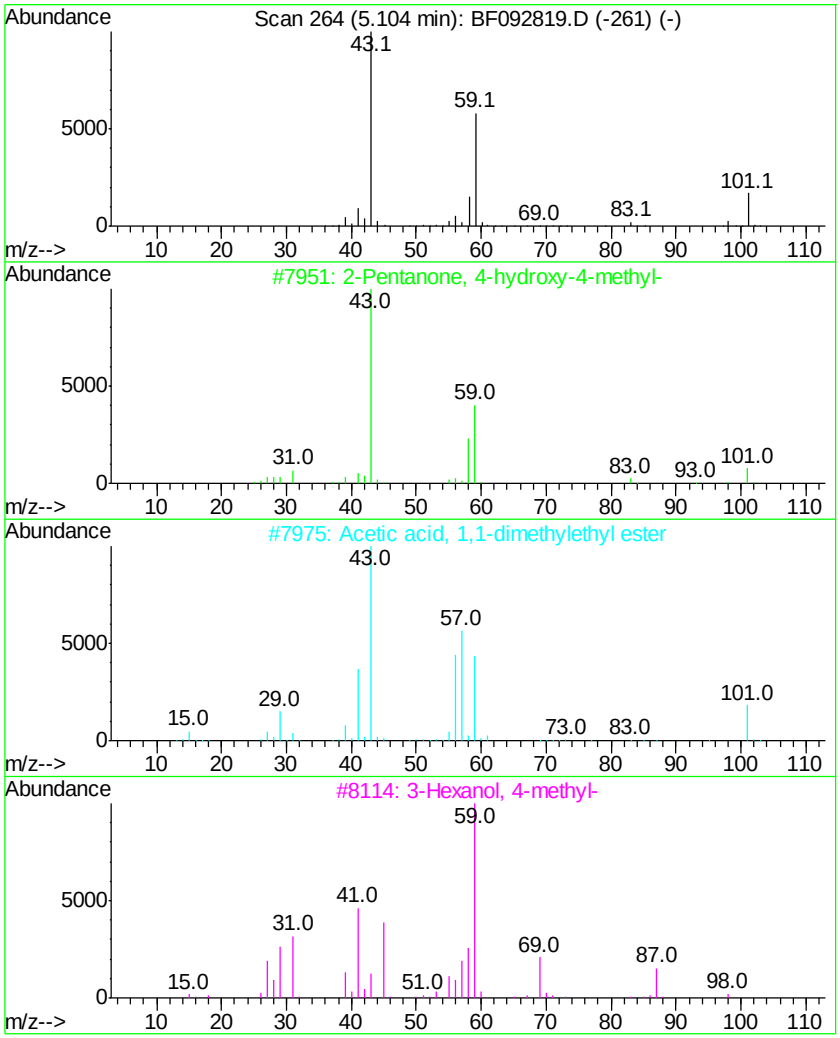
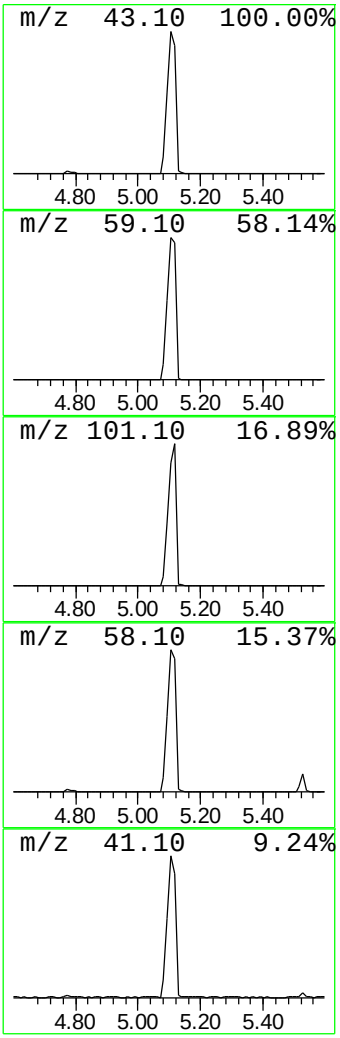
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	83.53 ng	3607320	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





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TIC Library : C:\DATABASE\NIST02.L
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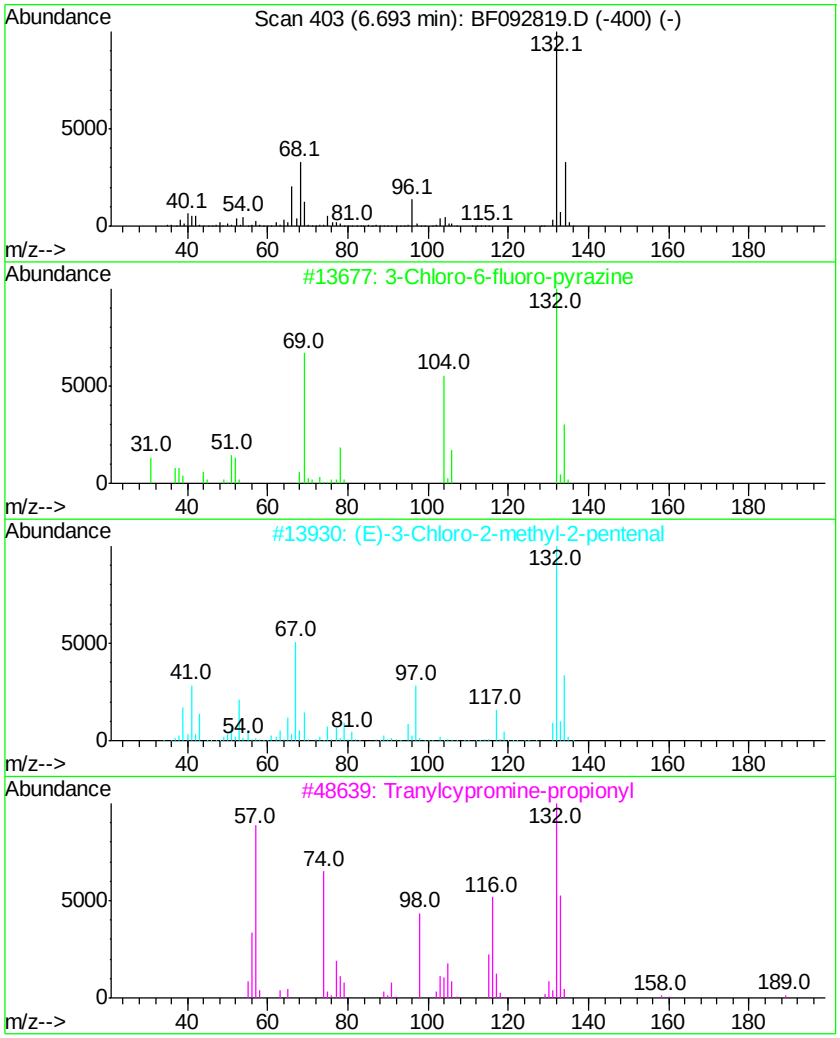
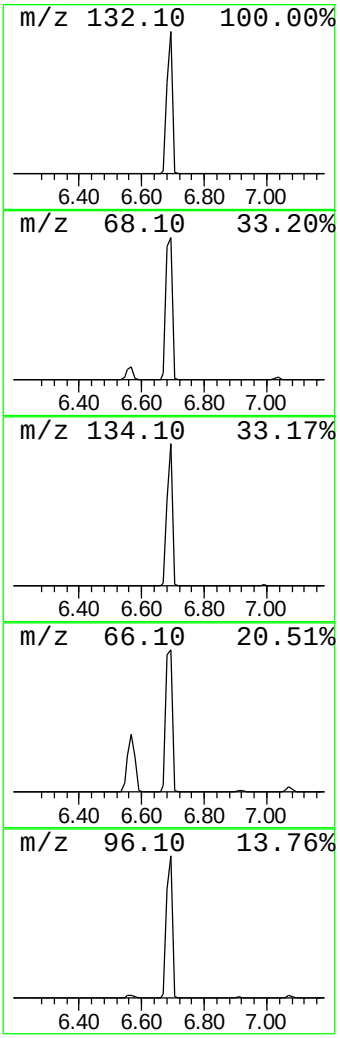
Peak Number 3 unknown6.69 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	81.47 ng	3518210	1,4-Dichlorobenzene-d4	6.92

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	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	16
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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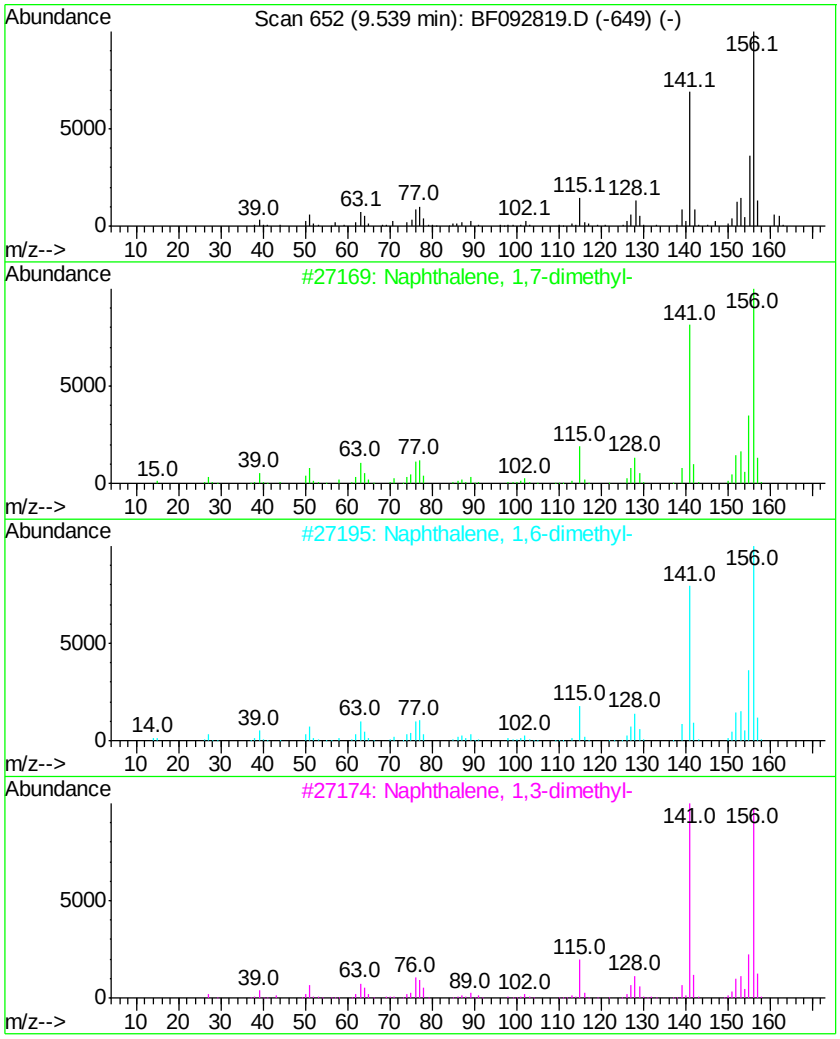
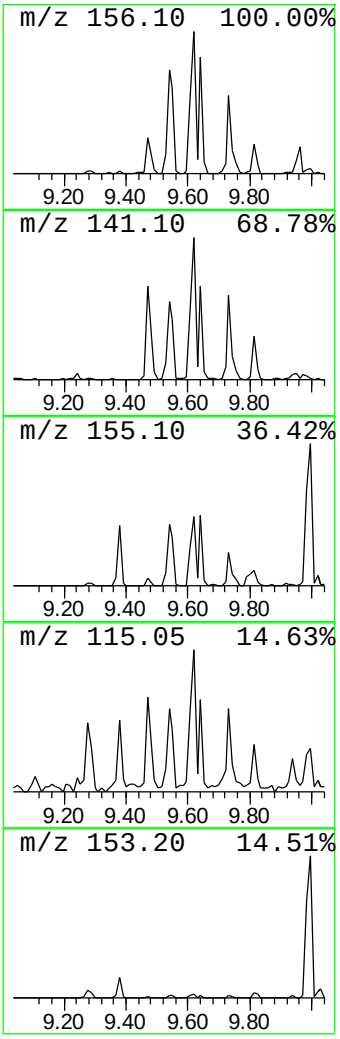
Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	4.74 ng	287729	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-002-B

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

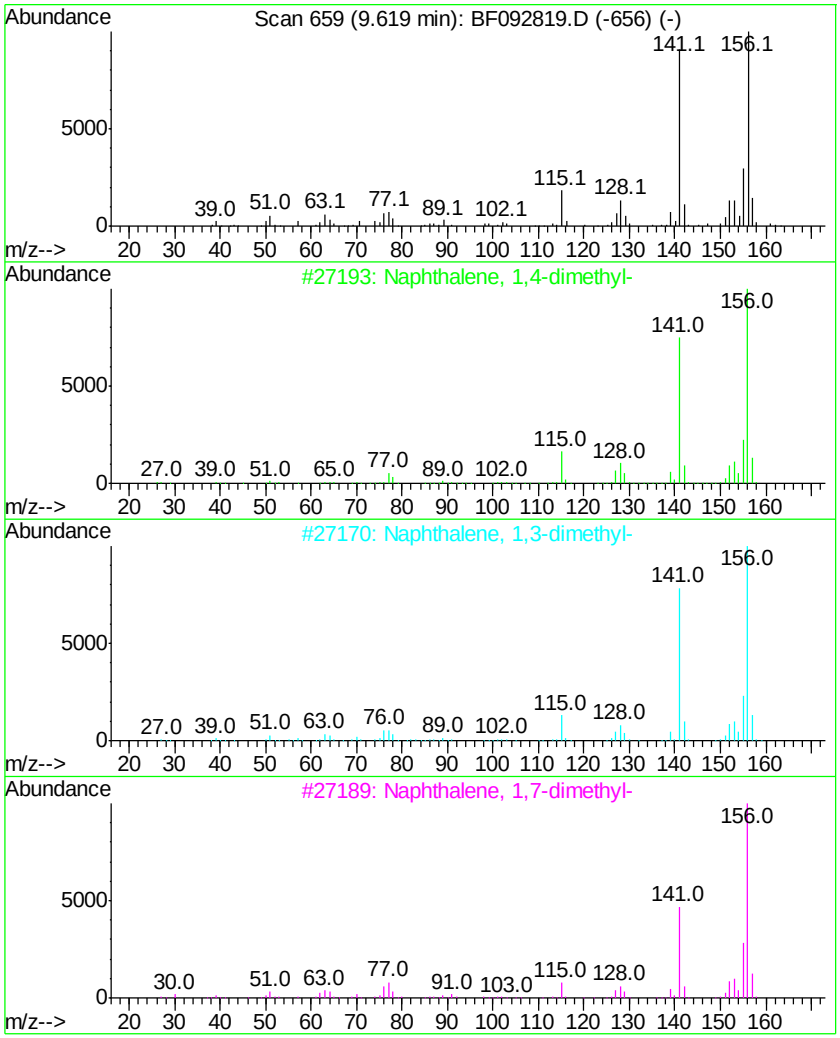
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

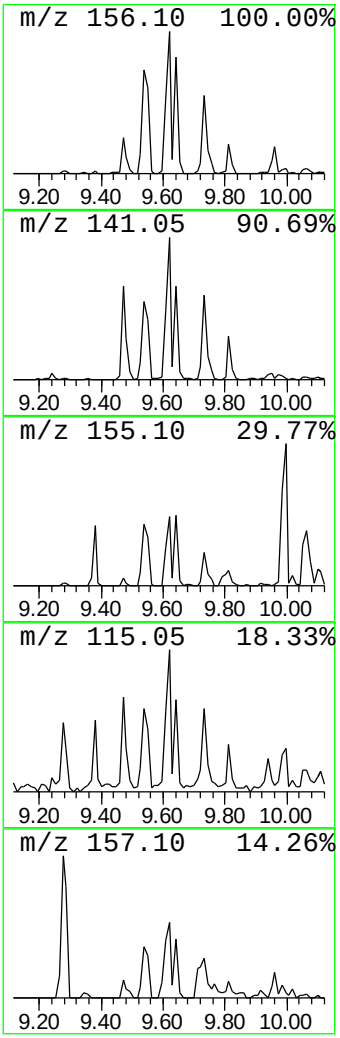
****

Peak Number 6 Naphthalene, 1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	8.24 ng	499924	Acenaphthene-d10	9.96

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





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Acq On : 7 Feb 2017 2:00
Operator : SJ/MA
Sample : I1704-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-002-B

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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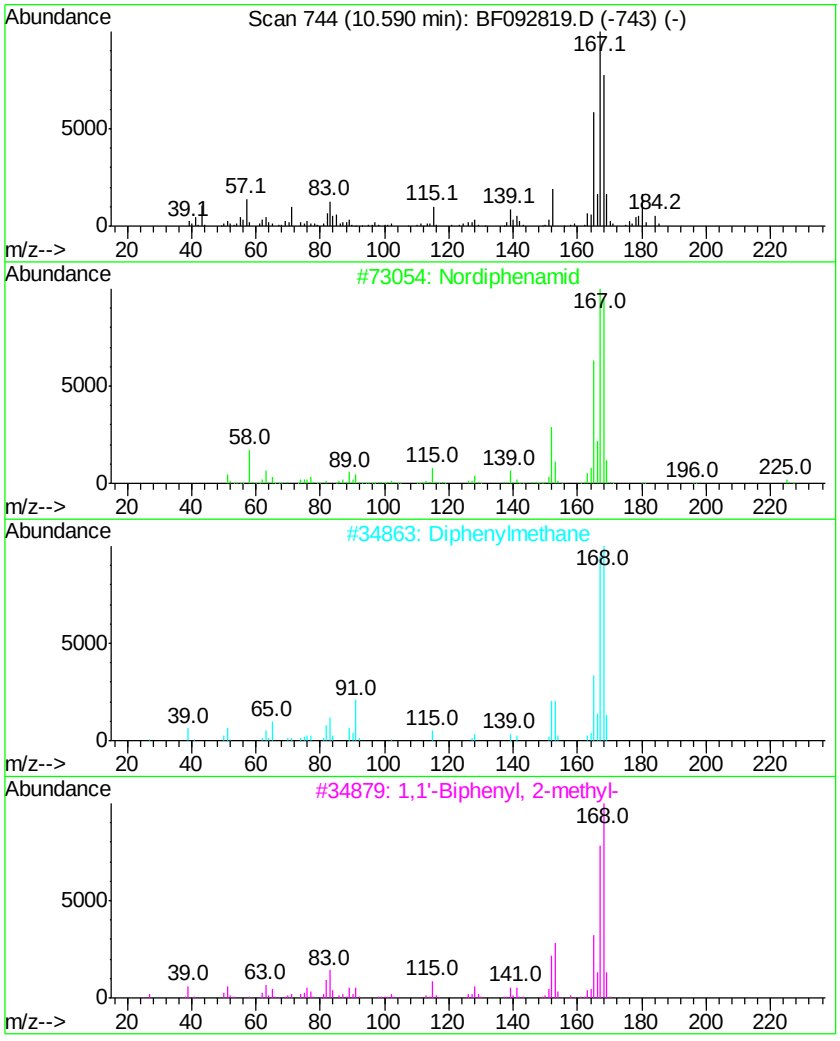
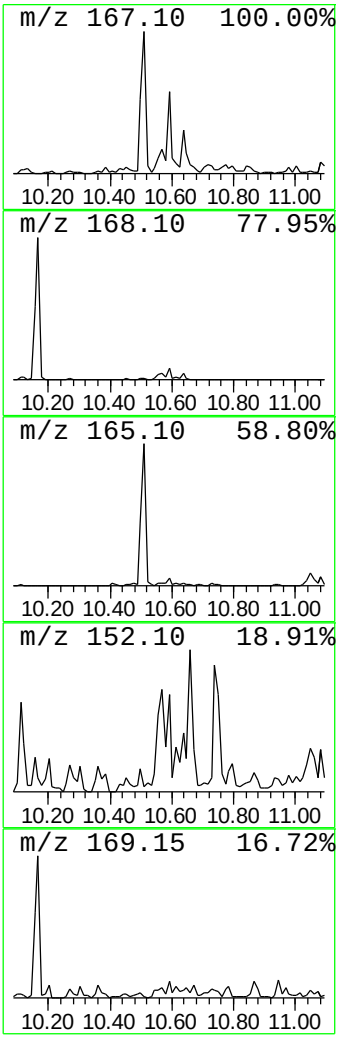
Peak Number 7 Nordiphenamid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	3.95 ng	239709	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	78
2	Diphenylmethane	168	C13H12	000101-81-5	64
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	55
4	1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	50
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	46





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Operator : SJ/MA
Sample : I1704-03
Misc :
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Instrument : BNA_F
ClientSampleId : FK-SF-01-002-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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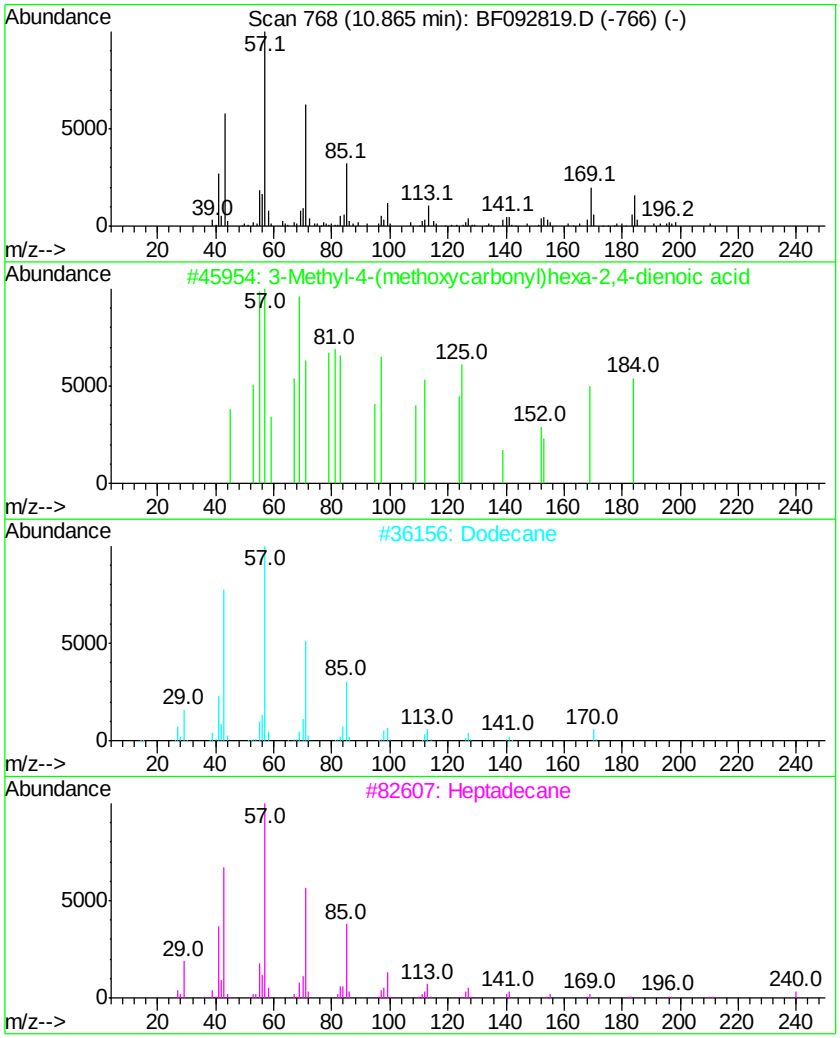
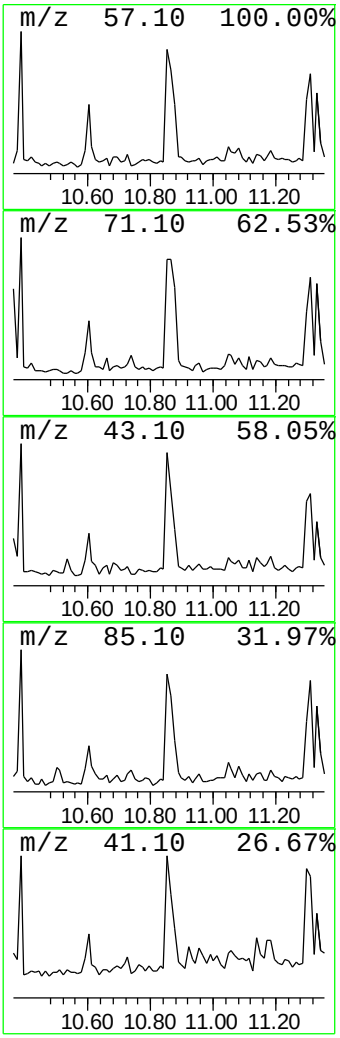
Peak Number 8 3-Methyl-4-(methoxycarbonyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	5.28 ng	340741	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	86
2	Dodecane	170	C12H26	000112-40-3	68
3	Heptadecane	240	C17H36	000629-78-7	64
4	Tetracosane	338	C24H50	000646-31-1	62
5	Heptacosane	380	C27H56	000593-49-7	62





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Misc :
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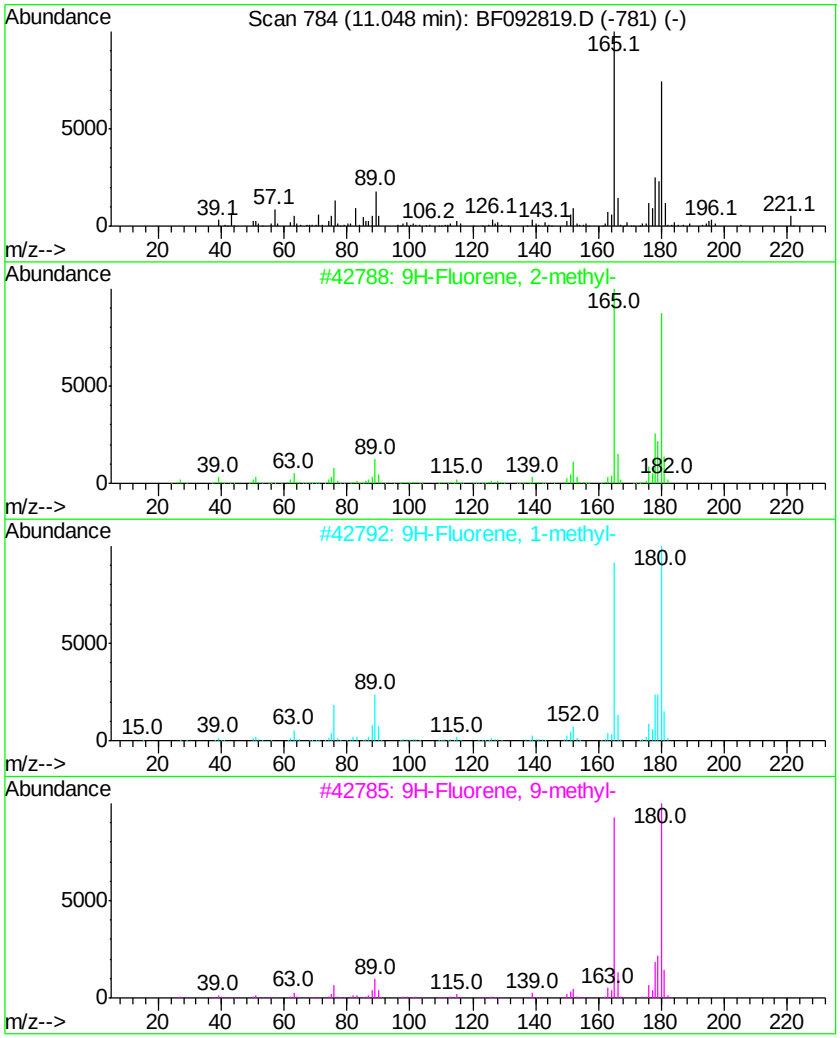
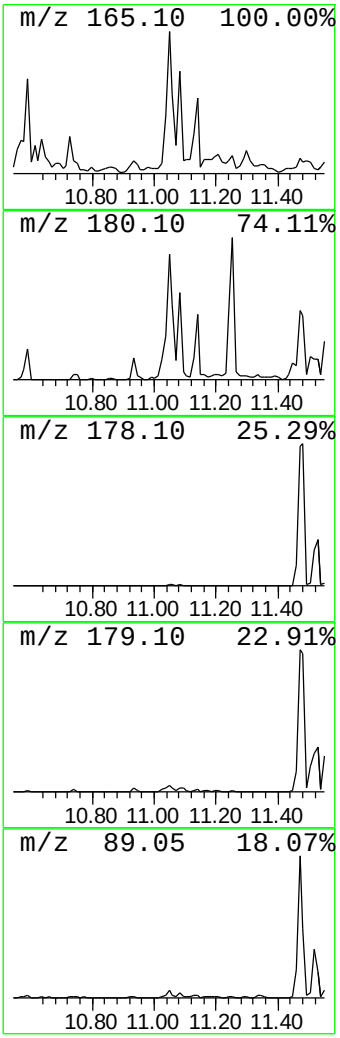
Peak Number 9 9H-Fluorene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	4.30 ng	277394	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	92
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	91





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ClientSampleId : FK-SF-01-002-B

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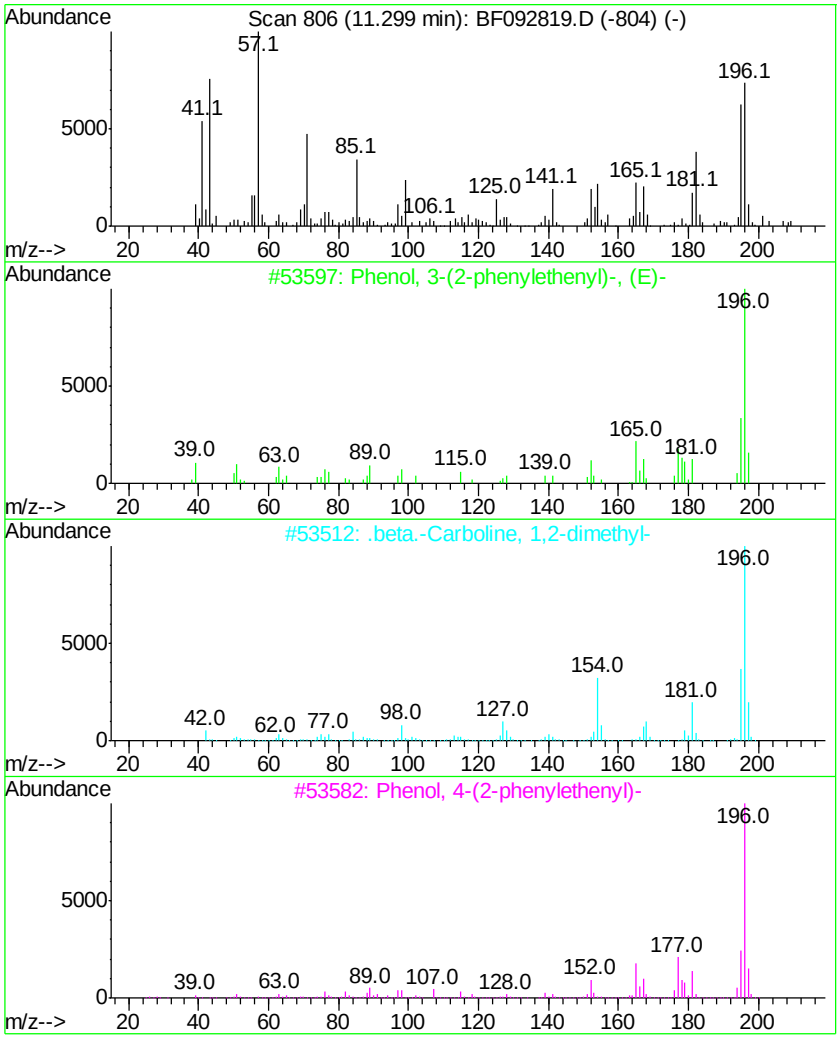
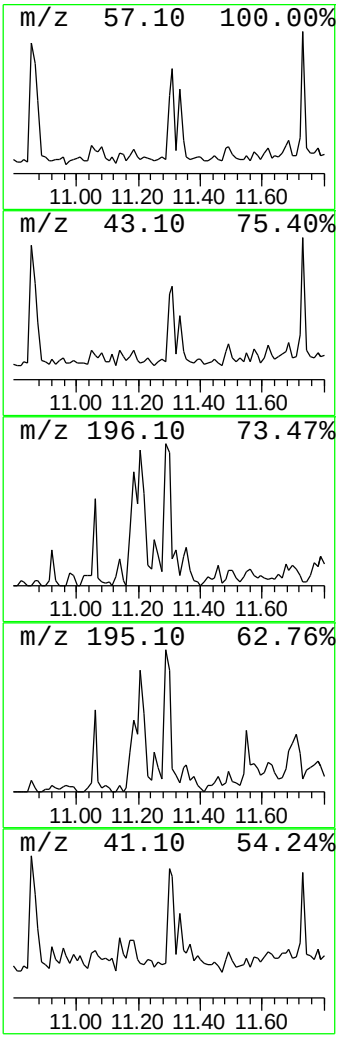
Peak Number 10 unknown11.30 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	5.00 ng	322277	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	41
2	.beta.-Carboline, 1,2-dimethyl-	196	C13H12N2	109847-05-4	38
3	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	30
4	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	30
5	Methanone, diphenyl-, hydrazone	196	C13H12N2	005350-57-2	30





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-002-B

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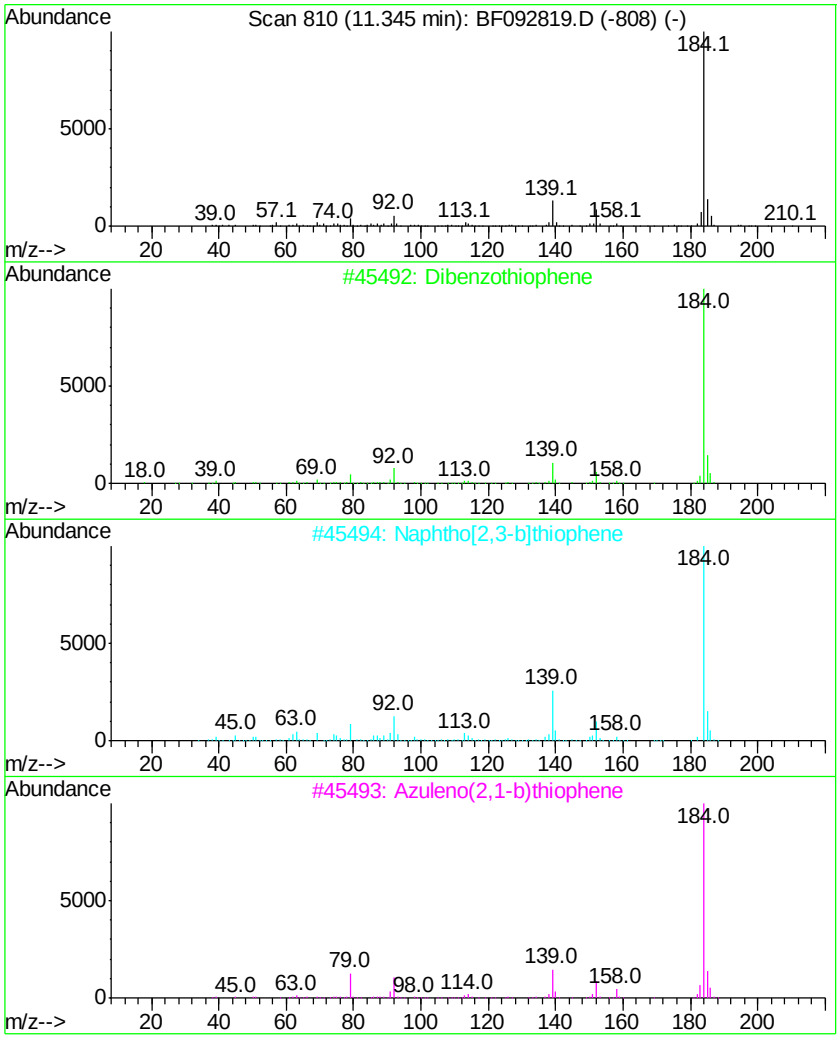
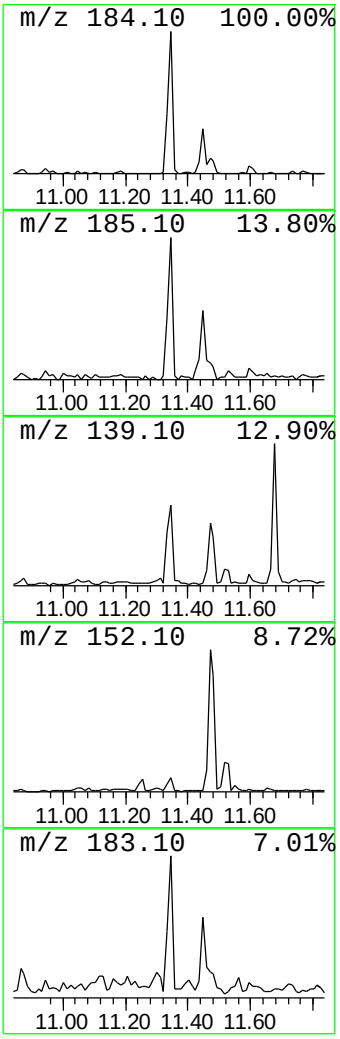
Peak Number 11 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	6.71 ng	432949	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
4	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	72





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Sample : I1704-03
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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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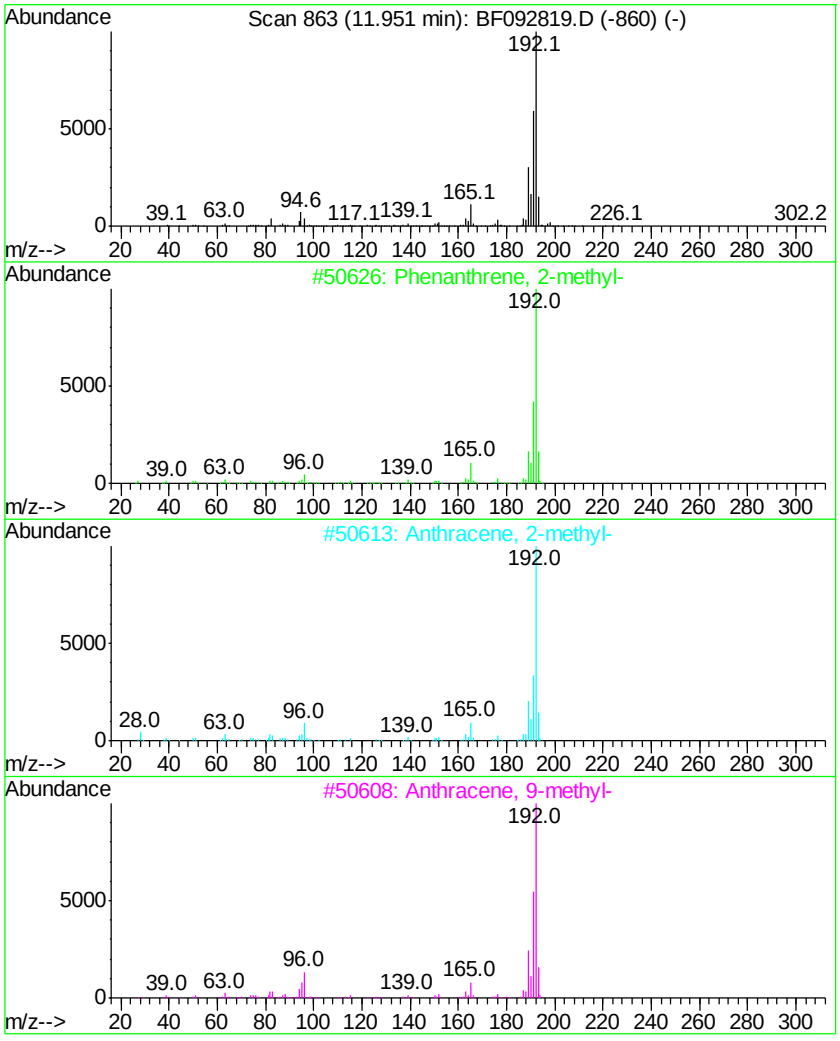
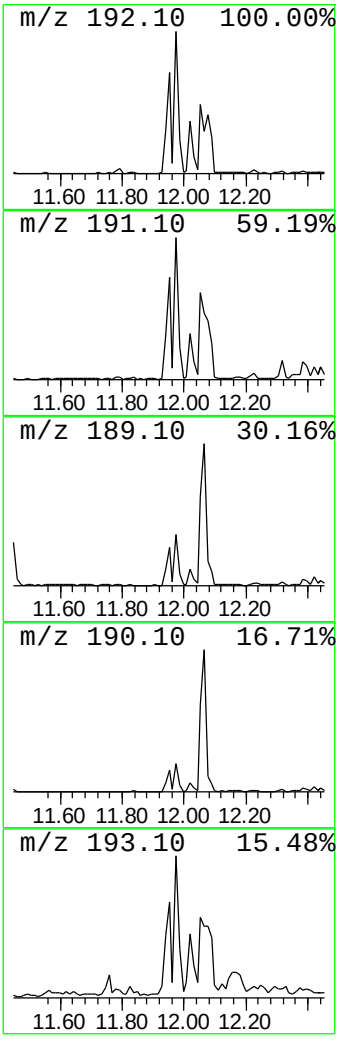
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	8.62 ng	556281	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-002-B

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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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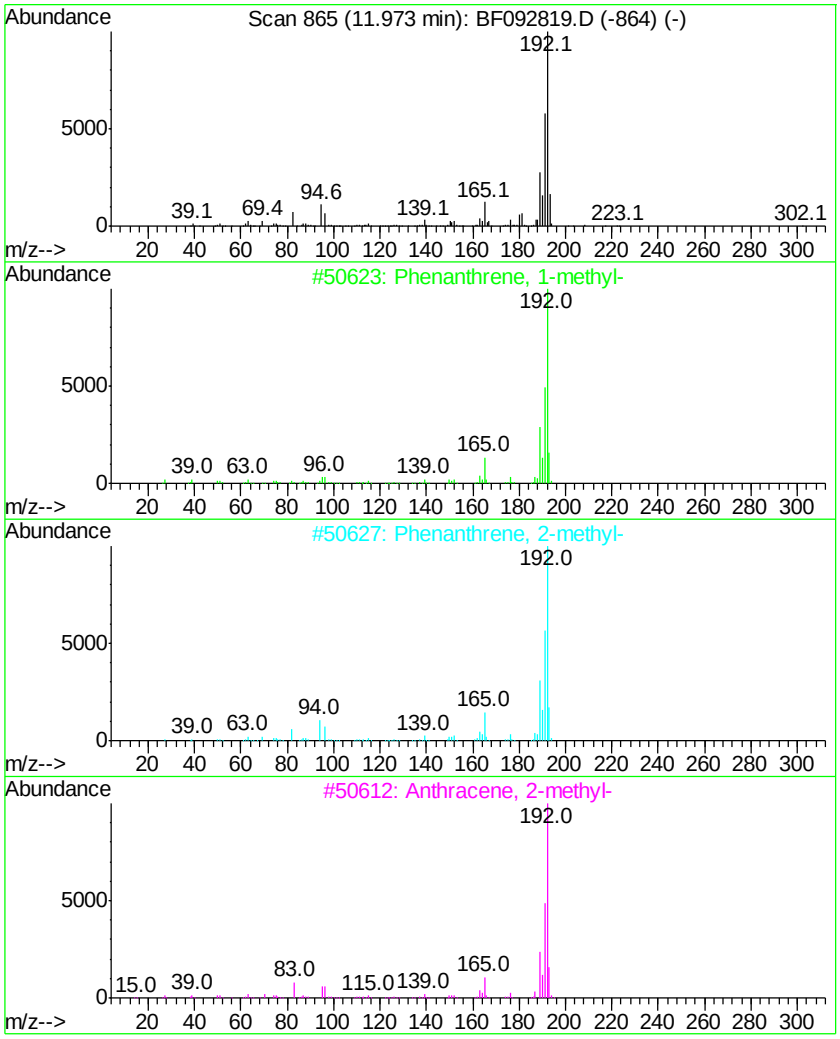
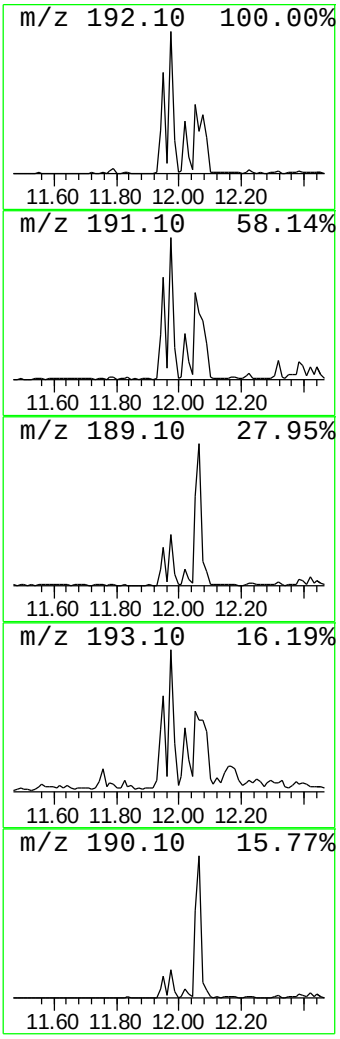
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	9.32 ng	601328	Phenanthrene-d10	11.45

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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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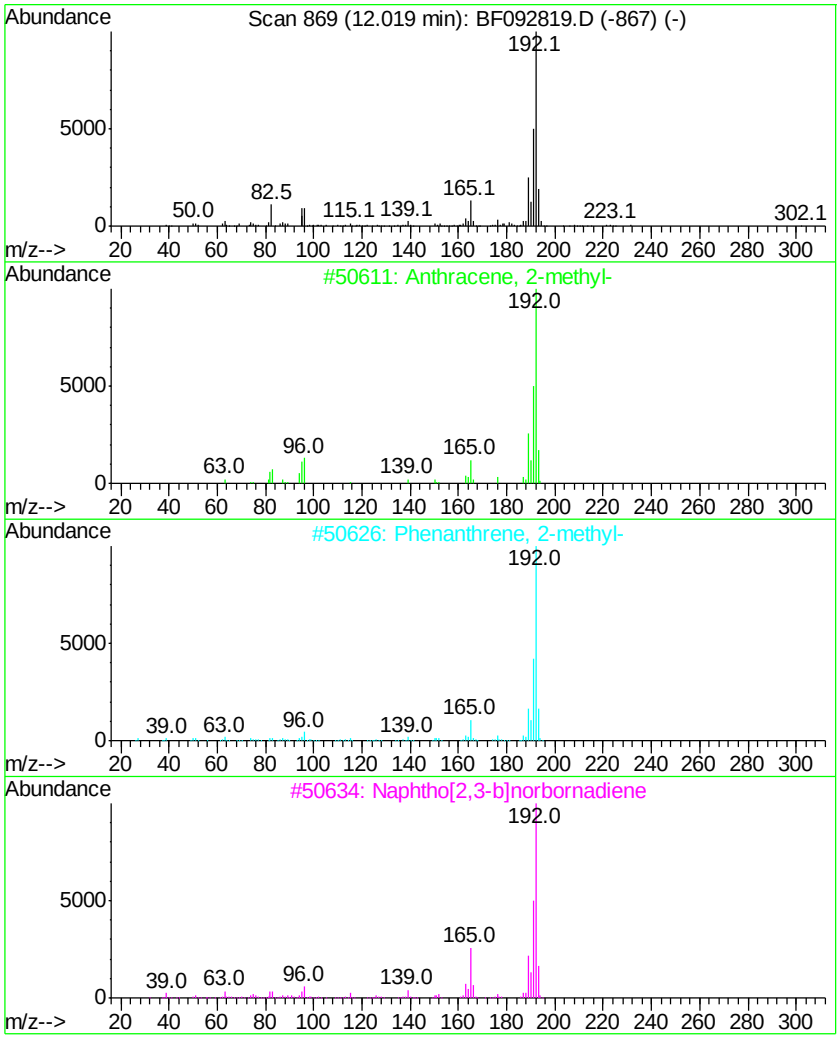
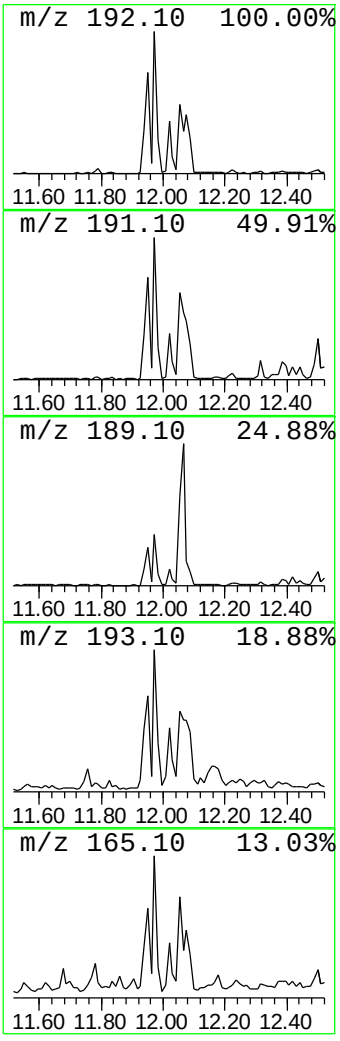
Peak Number 14 Anthracene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	4.28 ng	276386	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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ALS Vial : 23 Sample Multiplier: 1

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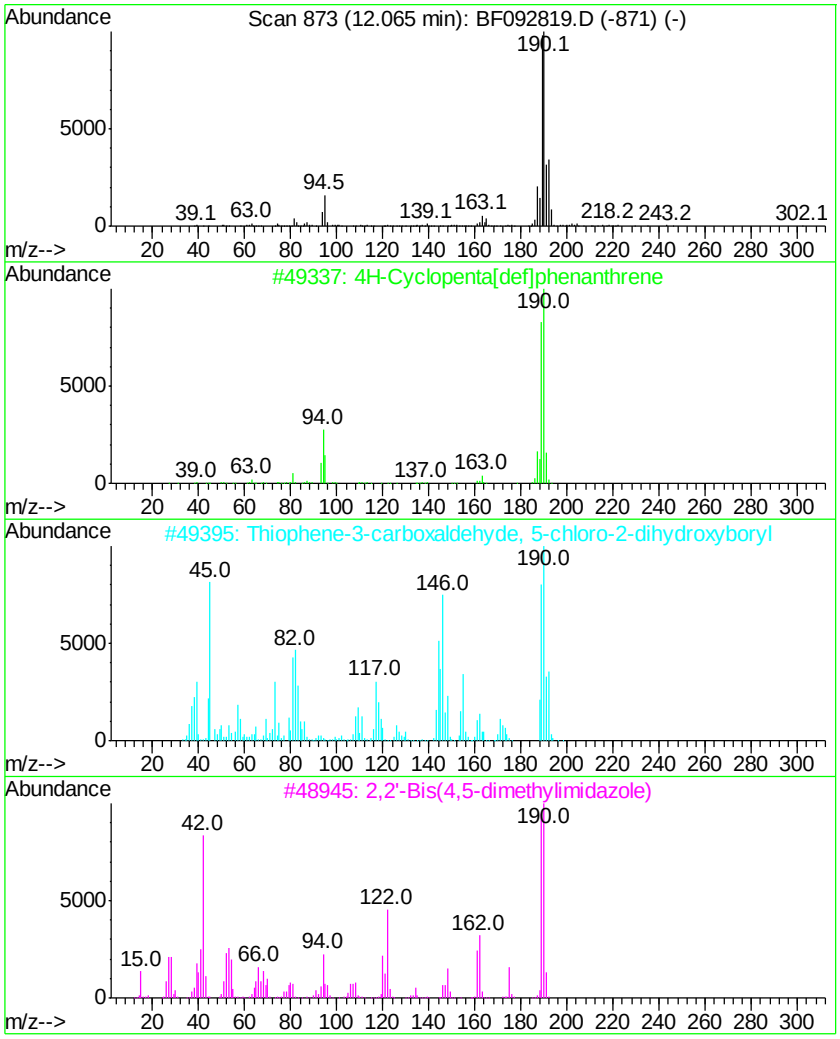
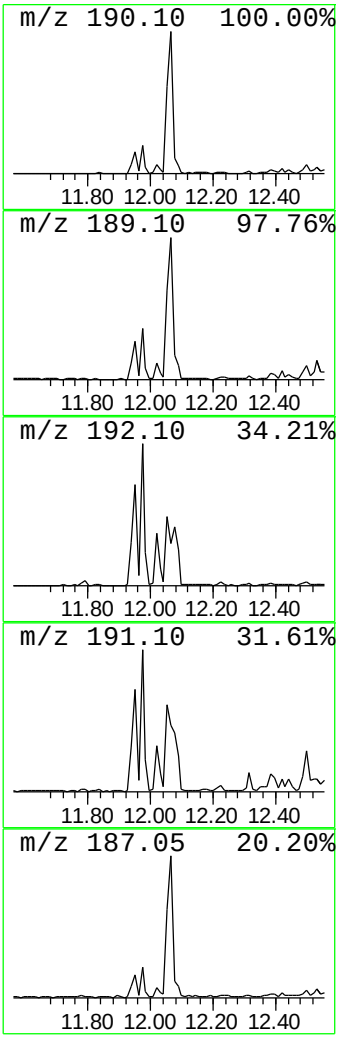
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	19.77 ng	1275250	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





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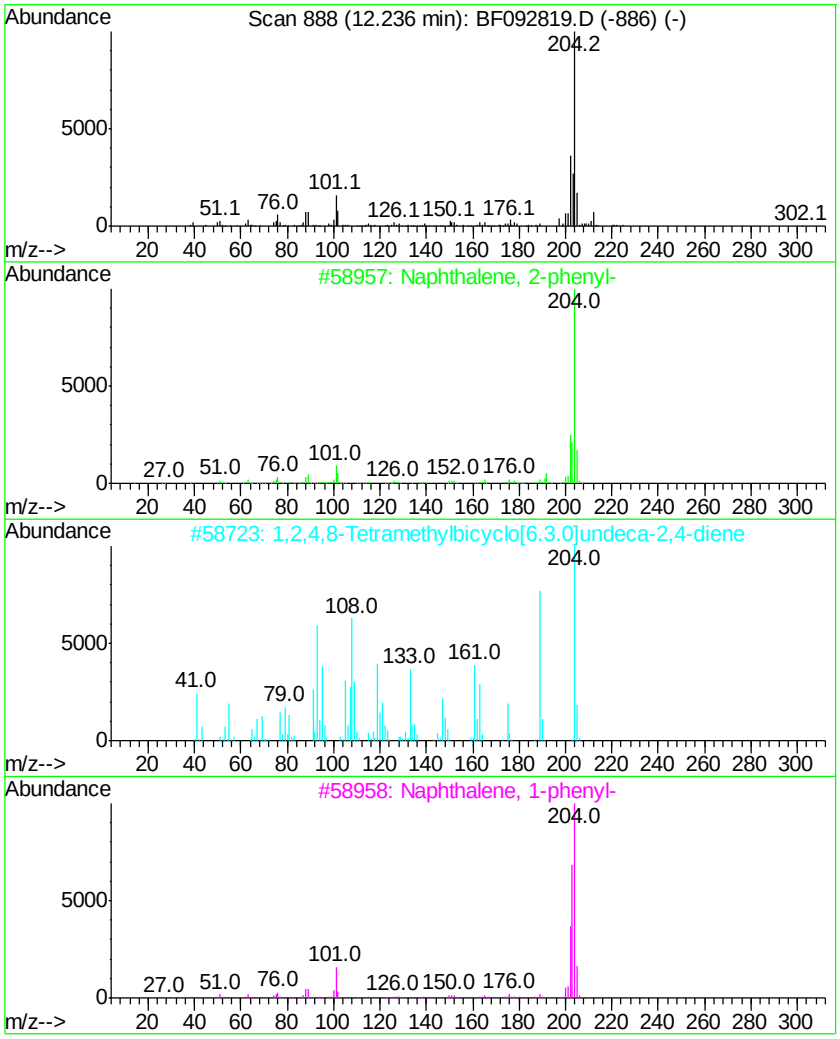
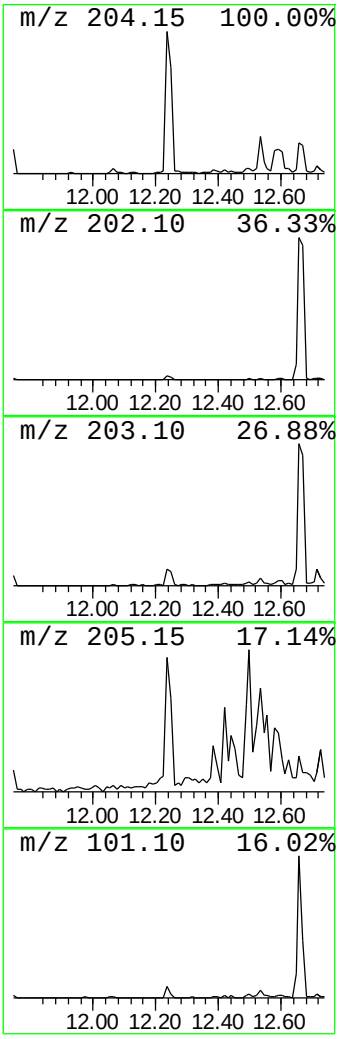
Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	5.56 ng	358425	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	78





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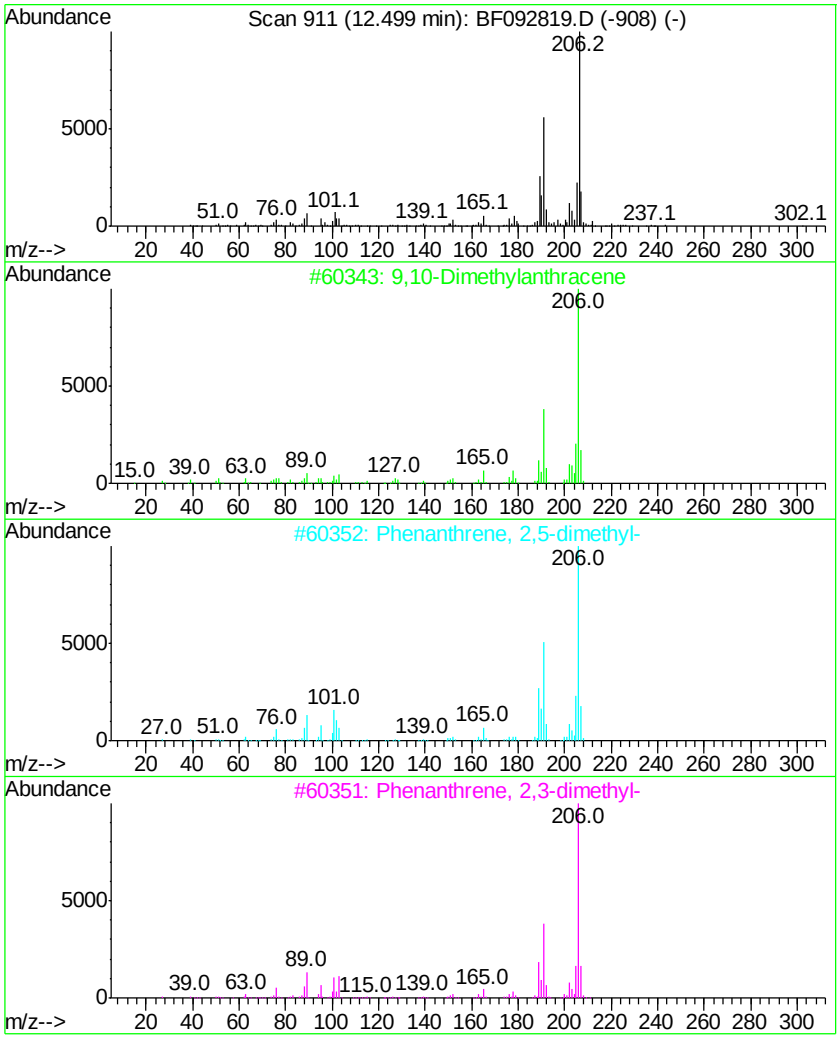
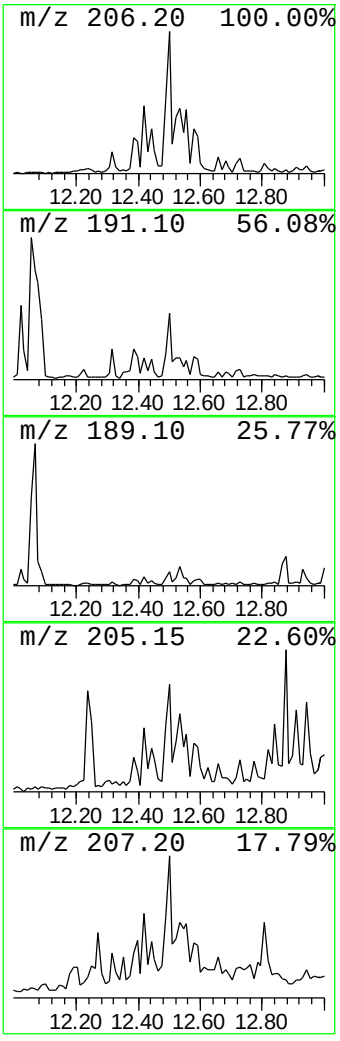
Peak Number 17 9,10-Dimethylanthracene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	4.96 ng	319874	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	89





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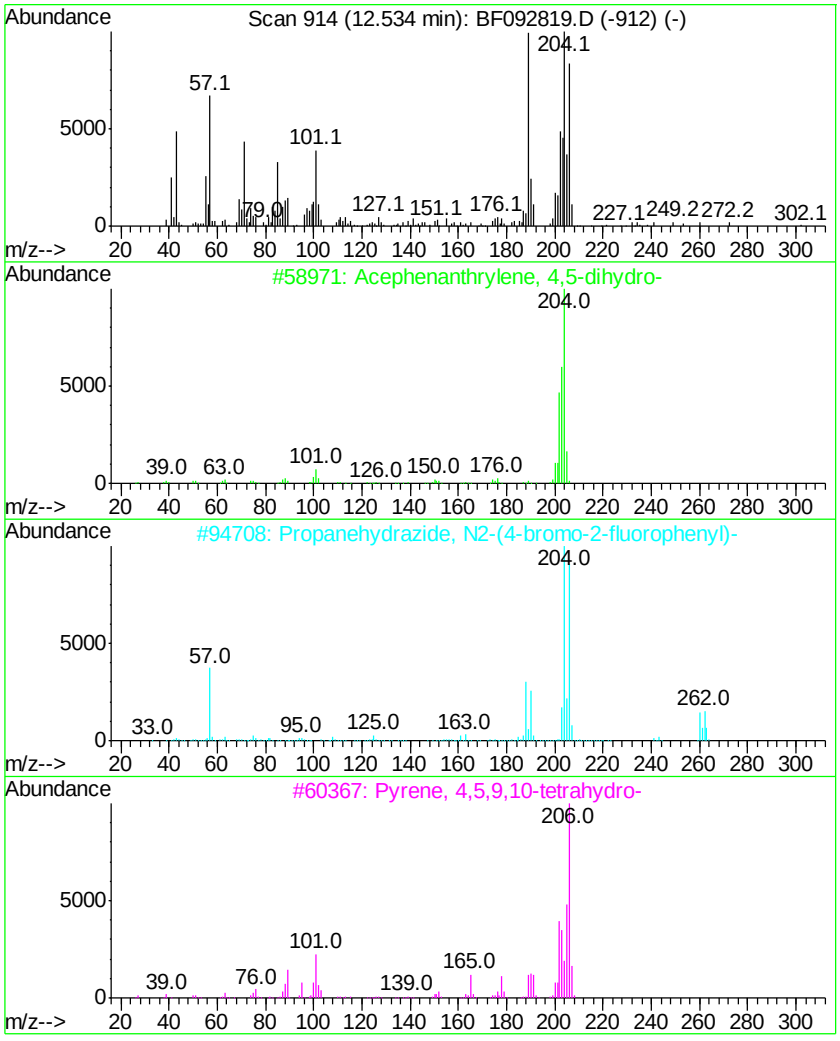
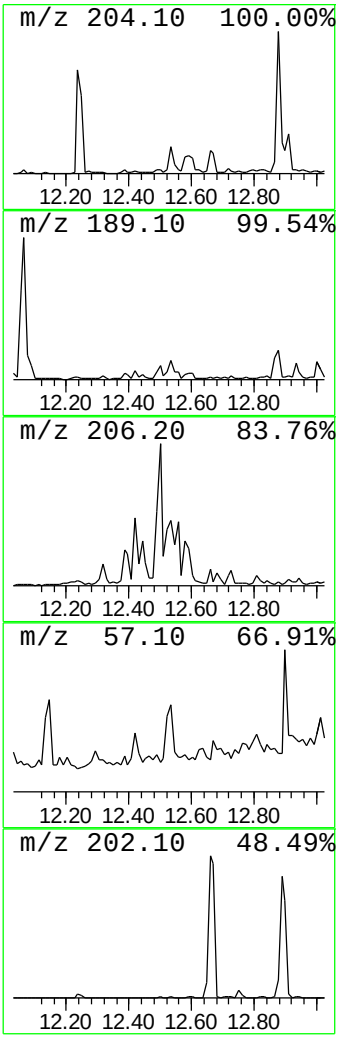
Peak Number 18 unknown12.53 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	5.79 ng	373786	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
2	Propanehydrazide, N2-(4-bromo-2-...	260	C9H10BrFN2O	1000272-78-2	35
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	30
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	27
5	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
Data File : BF092819.D
Acq On : 7 Feb 2017 2:00
Operator : SJ/MA
Sample : I1704-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-002-B

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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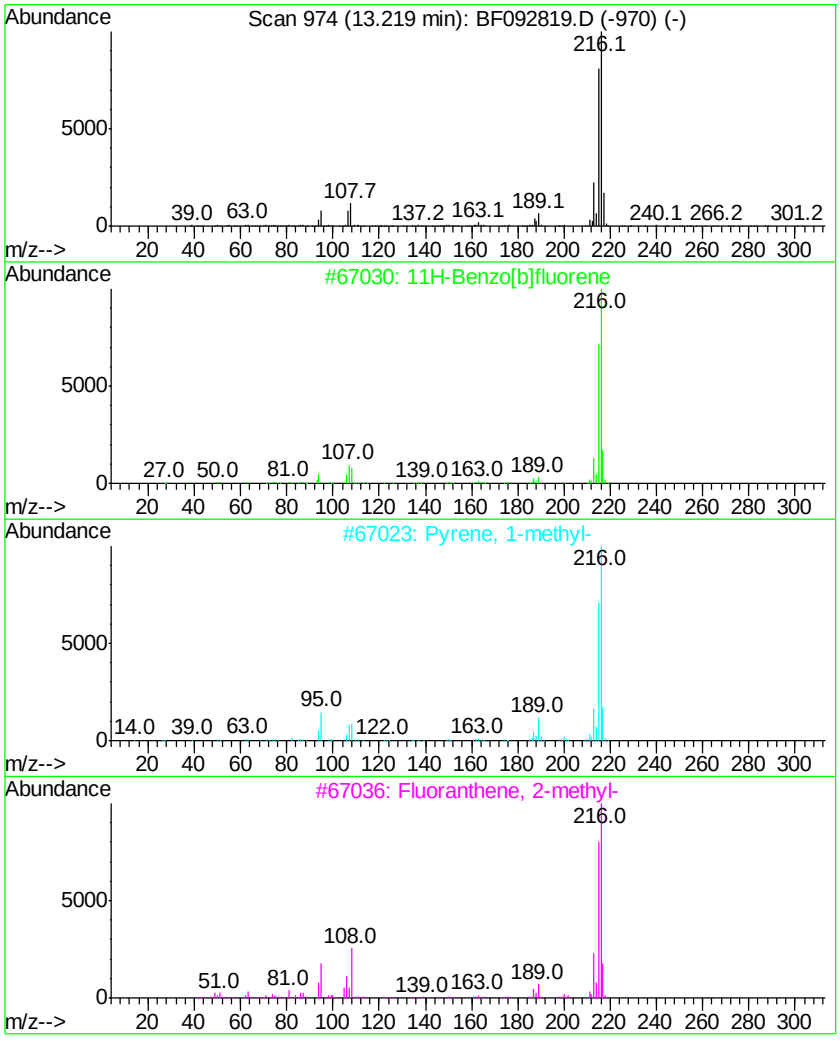
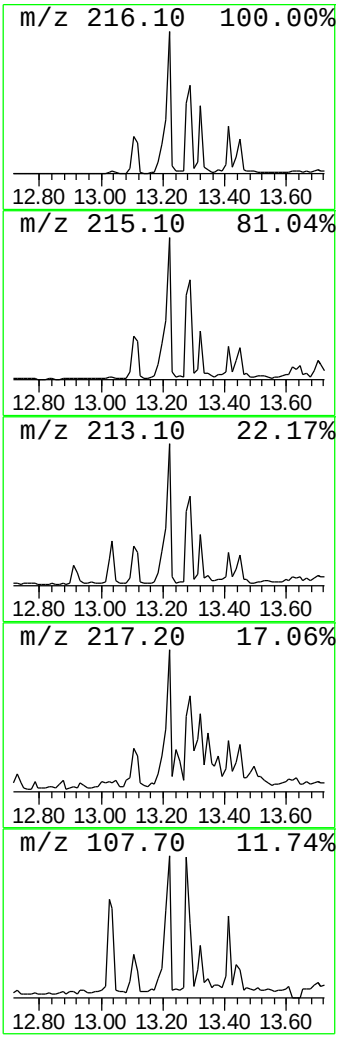
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	5.38 ng	795481	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
Data File : BF092819.D
Acq On : 7 Feb 2017 2:00
Operator : SJ/MA
Sample : I1704-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-002-B

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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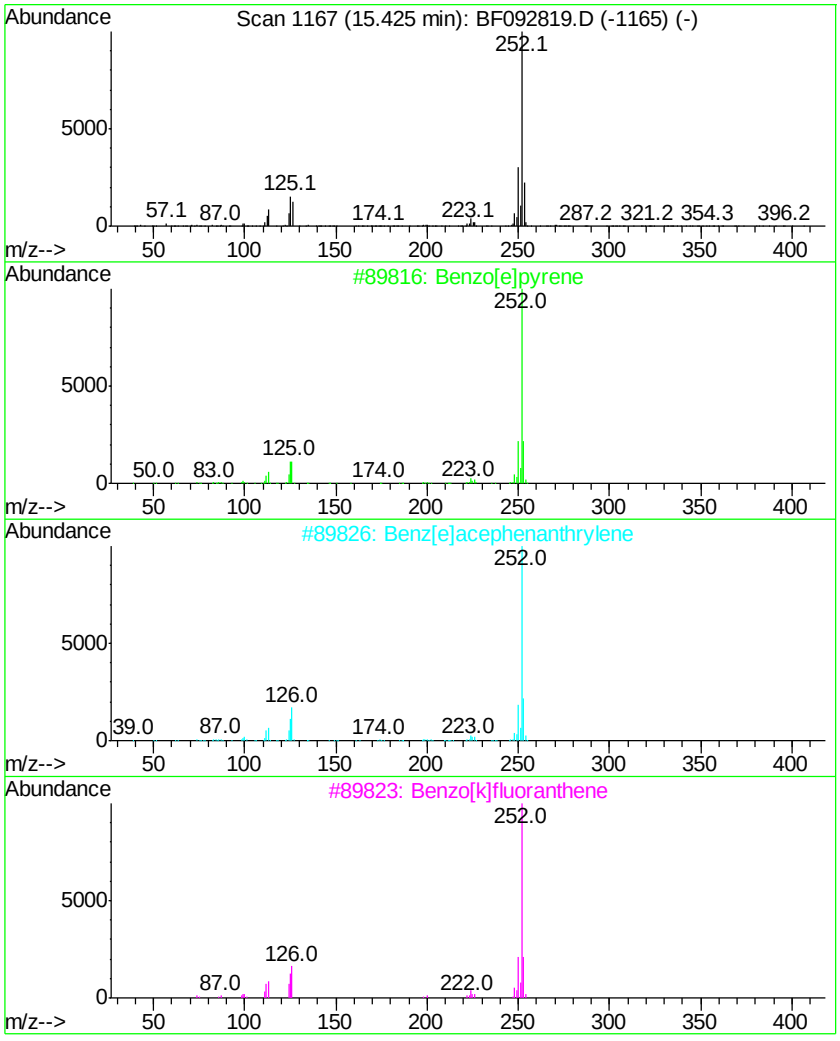
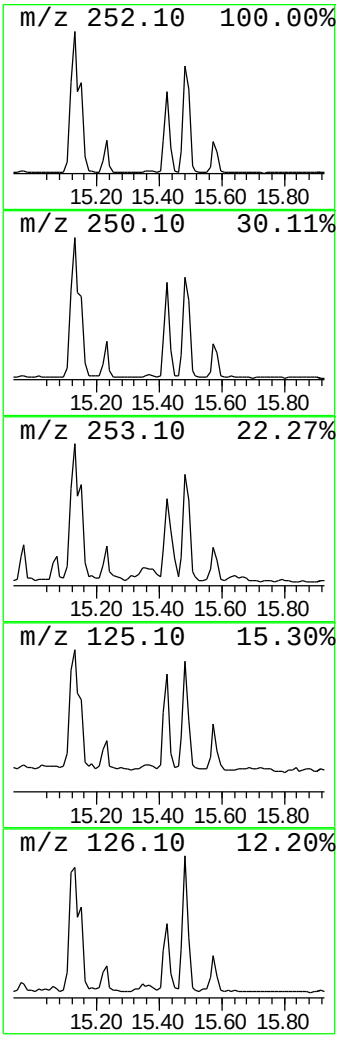
Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	11.55 ng	599094	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Perylene	252	C20H12	000198-55-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020617\
Data File : BF092819.D
Acq On : 7 Feb 2017 2:00
Operator : SJ/MA
Sample : I1704-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-002-B

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
3-Penten-2-one, 4...	4.44	12.5	ng	538224	1	6.92	863707	20.0
2-Pentanone, 4-hy...	5.10	83.5	ng	3607320	1	6.92	863707	20.0
unknown6.69	6.69	81.5	ng	3518210	1	6.92	863707	20.0
Naphthalene, 1,7-...	9.54	4.7	ng	287729	3	9.96	1214010	20.0
Naphthalene, 1,4-...	9.62	8.2	ng	499924	3	9.96	1214010	20.0
Nordiphenamid	10.59	4.0	ng	239709	3	9.96	1214010	20.0
3-Methyl-4-(metho...	10.86	5.3	ng	340741	4	11.45	1290190	20.0
9H-Fluorene, 2-me...	11.05	4.3	ng	277394	4	11.45	1290190	20.0
unknown11.30	11.30	5.0	ng	322277	4	11.45	1290190	20.0
Dibenzothiophene	11.34	6.7	ng	432949	4	11.45	1290190	20.0
Phenanthrene, 2-m...	11.95	8.6	ng	556281	4	11.45	1290190	20.0
Phenanthrene, 1-m...	11.97	9.3	ng	601328	4	11.45	1290190	20.0
Anthracene, 2-met...	12.02	4.3	ng	276386	4	11.45	1290190	20.0
4H-Cyclopenta[def...	12.06	19.8	ng	1275250	4	11.45	1290190	20.0
Naphthalene, 2-ph...	12.24	5.6	ng	358425	4	11.45	1290190	20.0
9,10-Dimethylanth...	12.50	5.0	ng	319874	4	11.45	1290190	20.0
unknown12.53	12.53	5.8	ng	373786	4	11.45	1290190	20.0
11H-Benzo[b]fluorene	13.22	5.4	ng	795481	5	14.09	2957630	20.0
Benzo[e]pyrene	15.43	11.6	ng	599094	6	15.55	1037350	20.0