LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
Data File : BF091486.D
Acq On : 7 Dec 2016 23:02
Operator : UM/SJ
Sample : H5869-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP19-COMP5

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-BF112916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.750	125	128	132	rVB	51799	88786	4.27%	0.273%
2	4.481	189	192	194	rVB	56458	61995	2.98%	0.191%
3	4.996	234	237	240	rBV	533998	579376	27.87%	1.782%
4	5.430	272	275	277	rVB	1109088	1409341	67.80%	4.334%
5	5.659	292	295	300	rVB2	25004	36361	1.75%	0.112%
6	6.459	363	365	368	rVB	1538532	1481369	71.26%	4.555%
7	6.596	374	377	379	rBV	1785280	1532382	73.72%	4.712%
8	6.676	379	384	385	rVB2	21159	35160	1.69%	0.108%
9	6.836	395	398	400	rBV	861794	1024139	49.27%	3.149%
10	6.984	409	411	413	rVB	1248225	1146665	55.16%	3.526%
11	7.087	419	420	424	rBV4	19363	38586	1.86%	0.119%
12	7.396	444	447	449	rVB	957589	1058027	50.90%	3.254%
13	7.876	484	489	492	rBV5	16429	47958	2.31%	0.147%
14	8.116	508	510	514	rVV	1476360	1395218	67.12%	4.290%
15	8.413	532	536	538	rBV3	18680	41157	1.98%	0.127%
16	8.550	546	548	550	rBV2	29183	38394	1.85%	0.118%
17	8.825	569	572	574	rVB	44763	55109	2.65%	0.169%
18	8.927	579	581	583	rBV	39972	38060	1.83%	0.117%
19	9.190	602	604	607	rVB	1606914	1339549	64.44%	4.119%
20	9.282	609	612	614	rBV3	64478	92432	4.45%	0.284%
21	9.453	624	627	629	rBV	26169	42557	2.05%	0.131%
22	9.522	631	633	637	rVV2	41440	82796	3.98%	0.255%
23	9.590	637	639	641	rVV	124598	170992	8.23%	0.526%
24	9.647	641	644	646	rVB3	23757	47333	2.28%	0.146%
25	9.727	649	651	653	rBV	109863	110865	5.33%	0.341%
26	9.785	653	656	657	rVB3	27905	39369	1.89%	0.121%
27	9.807	657	658	661	rBV	78352	61122	2.94%	0.188%
28	9.865	661	663	665	rVV	1248006	1266702	60.94%	3.895%
29	9.899	665	666	671	rVB	59214	65267	3.14%	0.201%
30	9.979	671	673	675	rBV2	23507	38651	1.86%	0.119%
31	10.070	679	681	683	rVB	92808	77824	3.74%	0.239%
32	10.105	683	684	688	rVB3	30070	54154	2.61%	0.167%
33	10.185	688	691	692	rBV2	55595	60383	2.90%	0.186%
34	10.276	697	699	700	rBV2	45154	56757	2.73%	0.175%

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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-BF112916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.310	700	702	704	rVB2	67568	67968	3.27%	0.209%
36	10.413	709	711	714	rVB2	69374	87265	4.20%	0.268%
37	10.482	714	717	719	rBV3	28755	65265	3.14%	0.201%
38	10.528	719	721	723	rVB2	57442	49306	2.37%	0.152%
39	10.573	723	725	727	rVB2	36567	46542	2.24%	0.143%
40	10.653	729	732	734	rVB	878946	919357	44.23%	2.827%
41	10.779	741	743	747	rVB	163814	187795	9.03%	0.577%
42	10.859	747	750	751	rBV3	25732	41772	2.01%	0.128%
43	10.962	755	759	760	rBV2	48241	84216	4.05%	0.259%
44	11.042	763	766	767	rVB3	31423	46959	2.26%	0.144%
45	11.110	769	772	774	rVB3	37323	58641	2.82%	0.180%
46	11.156	774	776	778	rVB2	40134	50032	2.41%	0.154%
47	11.202	778	780	781	rBV	44380	58131	2.80%	0.179%
48	11.225	781	782	783	rBV	89167	69222	3.33%	0.213%
49	11.259	783	785	788	rVB2	49267	74656	3.59%	0.230%
50	11.351	790	793	797	rBV2	1306107	1820904	87.60%	5.599%
51	11.419	797	799	801	rVB	207955	188334	9.06%	0.579%
52	11.453	801	802	804	rBV2	46042	63939	3.08%	0.197%
53	11.499	804	806	810	rVB5	25750	56990	2.74%	0.175%
54	11.648	817	819	821	rBV	76570	73643	3.54%	0.226%
55	11.682	821	822	825	rVB2	38683	34924	1.68%	0.107%
56	11.819	831	834	835	rBV2	123021	222680	10.71%	0.685%
57	11.853	835	837	838	rVB2	115144	157404	7.57%	0.484%
58	11.876	838	839	842	rVB2	327514	357318	17.19%	1.099%
59	11.922	842	843	844	rVB	92667	63570	3.06%	0.195%
60	11.956	844	846	851	rVB	308138	507913	24.43%	1.562%
61	12.059	851	855	858	rBV4	64656	145052	6.98%	0.446%
62	12.139	858	862	868	rBV4	107177	246989	11.88%	0.760%
63	12.219	868	869	872	rBV3	26473	53369	2.57%	0.164%
64	12.288	872	875	877	rBV2	45820	88051	4.24%	0.271%
65	12.322	877	878	882	rVB	80162	117340	5.64%	0.361%
66	12.402	882	885	886	rBV	200526	258969	12.46%	0.796%
67	12.436	886	888	891	rVB2	140500	239124	11.50%	0.735%
68	12.482	891	892	894	rVB2	86789	98785	4.75%	0.304%
69	12.562	897	899	901	rBV	1005645	1088563	52.37%	3.347%
70	12.619	901	904	906	rBV3	47957	97775	4.70%	0.301%
71	12.665	906	908	911	rBV3	35579	57818	2.78%	0.178%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : TP19-COMP5

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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.779	915	918	921	rBV2	850232	1363221	65.58%	4.192%
73	12.848	922	924	926	rVB2	72409	95447	4.59%	0.294%
74	12.905	926	929	930	rBV	81683	133160	6.41%	0.409%
75	12.928	930	931	934	rVB	920057	969840	46.66%	2.982%
76	13.008	935	938	941	rBV3	145967	261835	12.60%	0.805%
77	13.111	944	947	949	rVB	230046	333454	16.04%	1.025%
78	13.179	949	953	954	rBV2	198089	241987	11.64%	0.744%
79	13.214	954	956	958	rBV	228514	236520	11.38%	0.727%
80	13.305	962	964	966	rBV	122652	112452	5.41%	0.346%
81	13.339	966	967	969	rVB	146674	109325	5.26%	0.336%
82	13.419	972	974	978	rBV5	57082	114087	5.49%	0.351%
83	13.511	978	982	985	rBV4	77222	219598	10.56%	0.675%
84	13.614	988	991	994	rBV2	90635	197559	9.50%	0.608%
85	13.728	998	1001	1002	rBV2	92616	159131	7.66%	0.489%
86	13.831	1008	1010	1015	rVB4	111734	246247	11.85%	0.757%
87	13.979	1020	1023	1029	rVB2	1194016	2078708	100.00%	6.392%
88	14.082	1030	1032	1034	rBV2	54130	48950	2.35%	0.151%
89	14.116	1034	1035	1036	rBV	42981	40856	1.97%	0.126%
90	14.368	1052	1057	1058	rBV	214145	333024	16.02%	1.024%
91	14.402	1058	1060	1061	rVB	88737	84834	4.08%	0.261%
92	14.459	1064	1065	1067	rBV2	113201	159394	7.67%	0.490%
93	14.997	1109	1112	1117	rVV	425835	913147	43.93%	2.808%
94	15.099	1119	1121	1123	rVB2	139641	176645	8.50%	0.543%
95	15.282	1135	1137	1140	rBV	271371	361296	17.38%	1.111%
96	15.339	1140	1142	1145	rBV	361689	497891	23.95%	1.531%
97	15.408	1145	1148	1149	rBV	520406	600721	28.90%	1.847%
98	16.082	1205	1207	1213	rVB2	99819	178410	8.58%	0.549%
99	16.780	1265	1268	1272	rVB2	138436	286336	13.77%	0.881%
100	17.203	1302	1305	1309	rVB	144426	303571	14.60%	0.934%

Sum of corrected areas: 32519063

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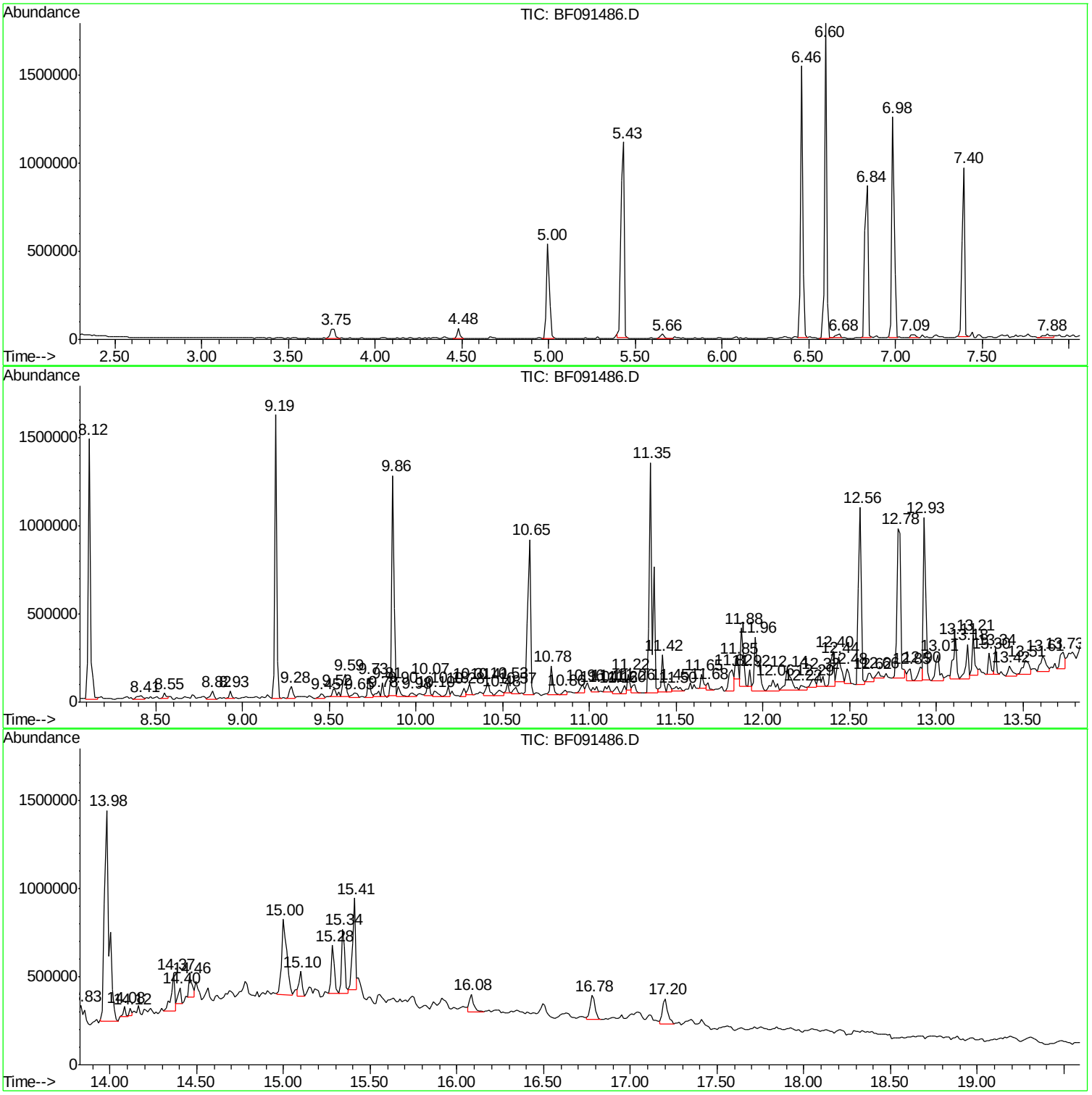
Sample : H5869-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP19-COMP5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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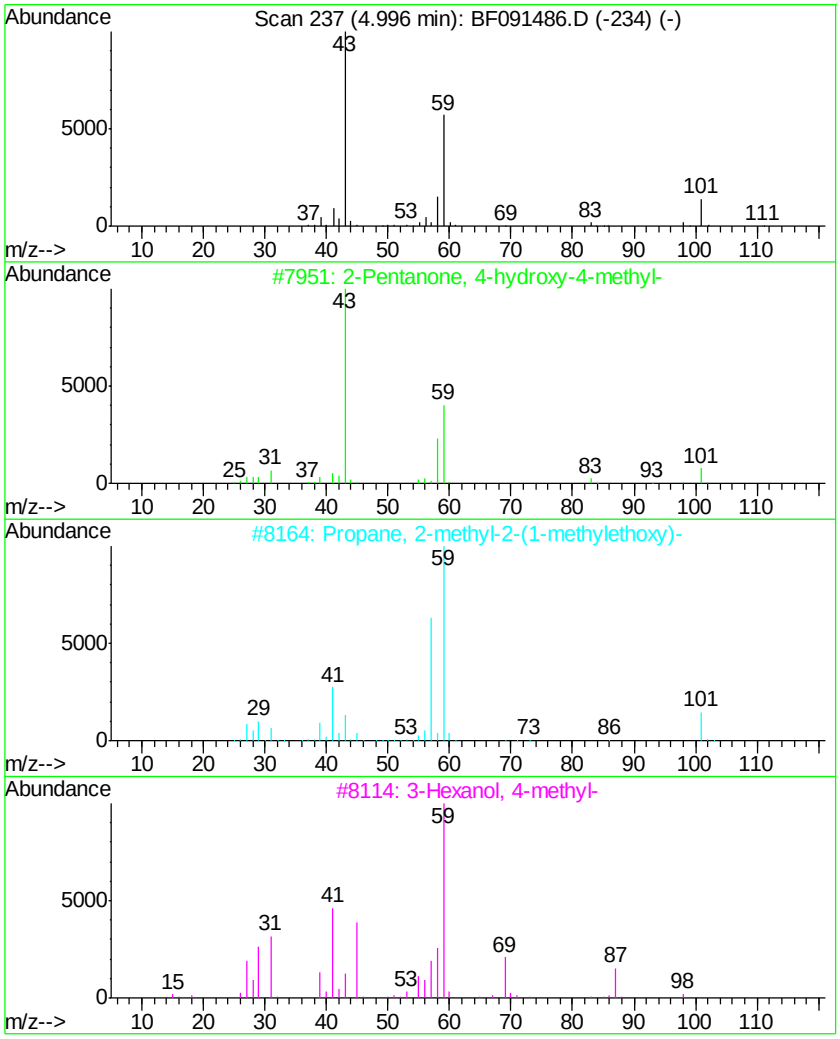
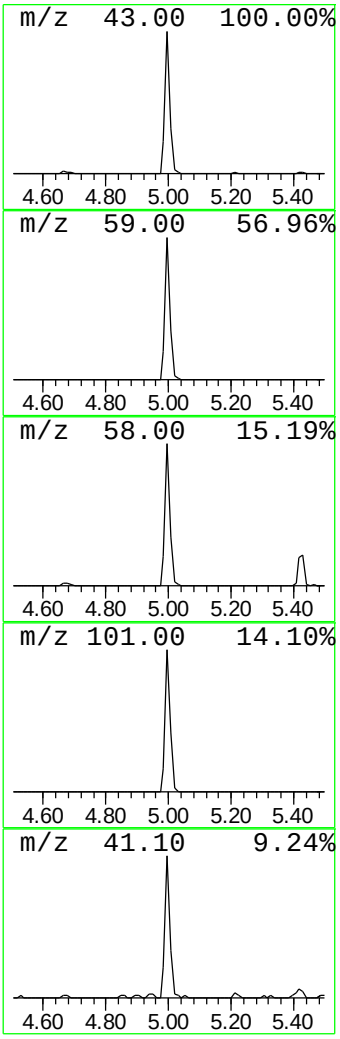
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	11.31 ng	579376	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
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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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
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TIC Library : C:\DATABASE\NIST02.L
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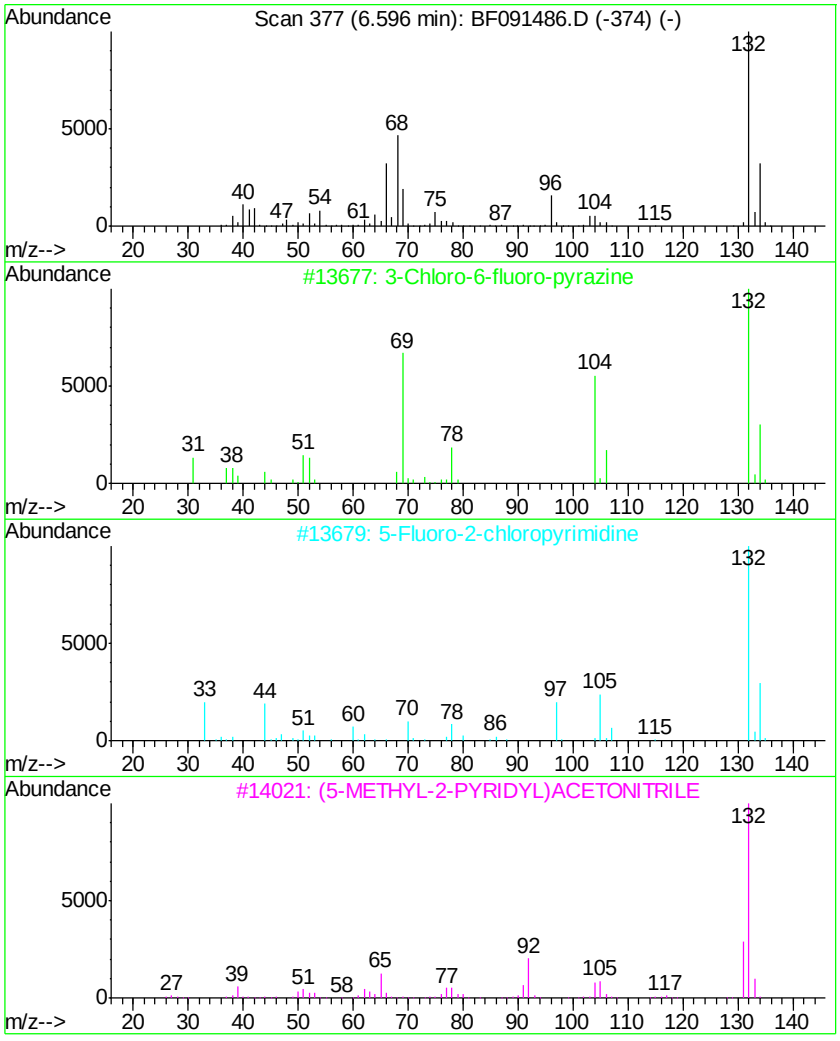
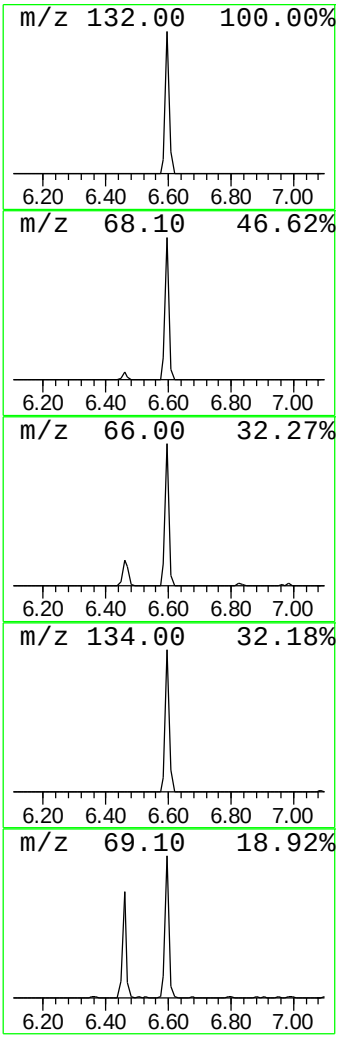
****

Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	29.93 ng	1532380	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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TIC Library : C:\DATABASE\NIST02.L
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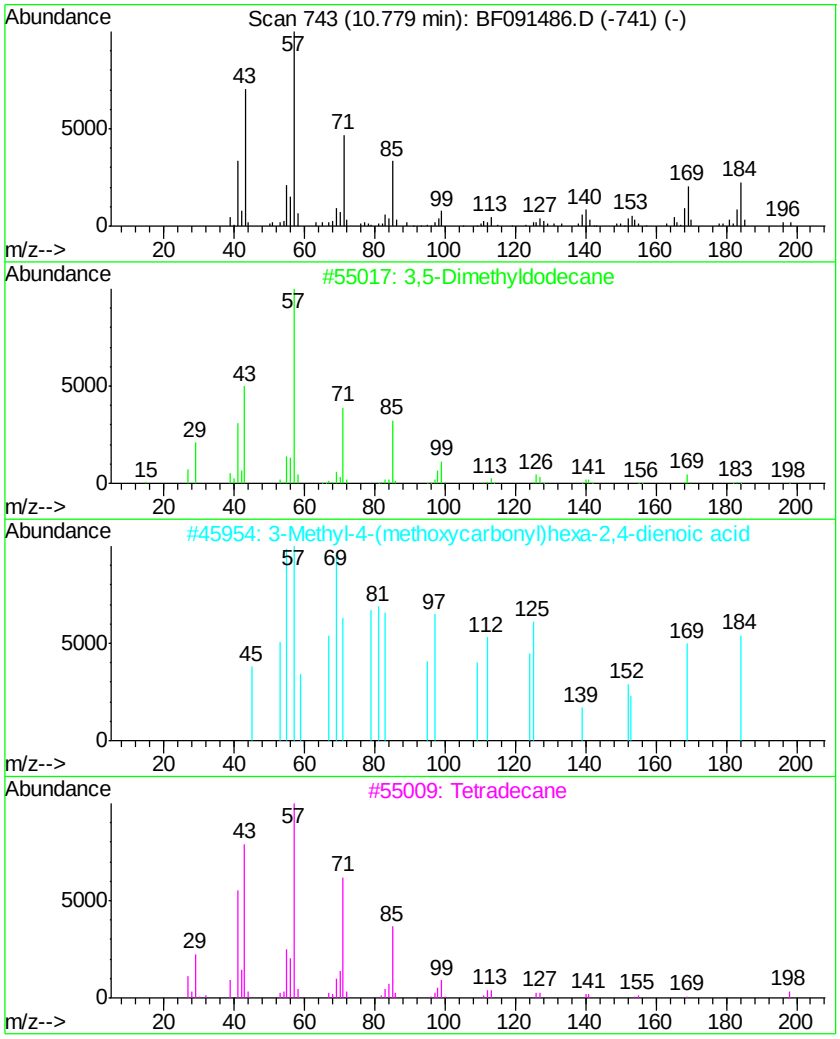
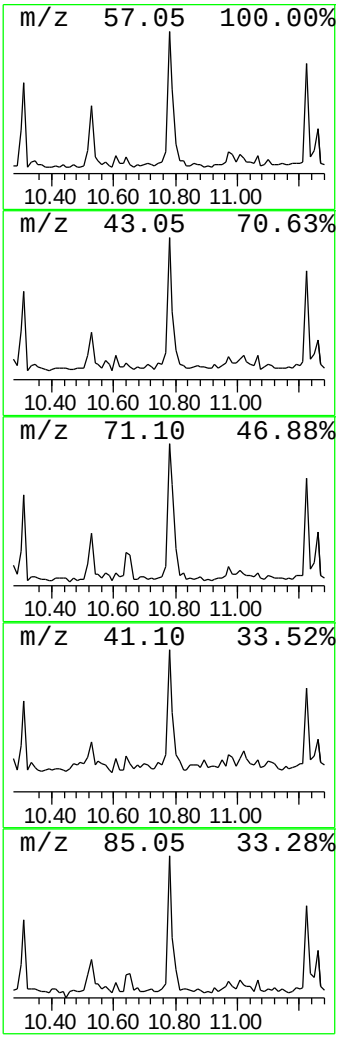
Peak Number 4 3,5-Dimethyldodecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	2.06 ng	187795	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane	198	C14H30	107770-99-0	58
2	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	55
3	Tetradecane	198	C14H30	000629-59-4	50
4	Eicosane	282	C20H42	000112-95-8	49
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	46





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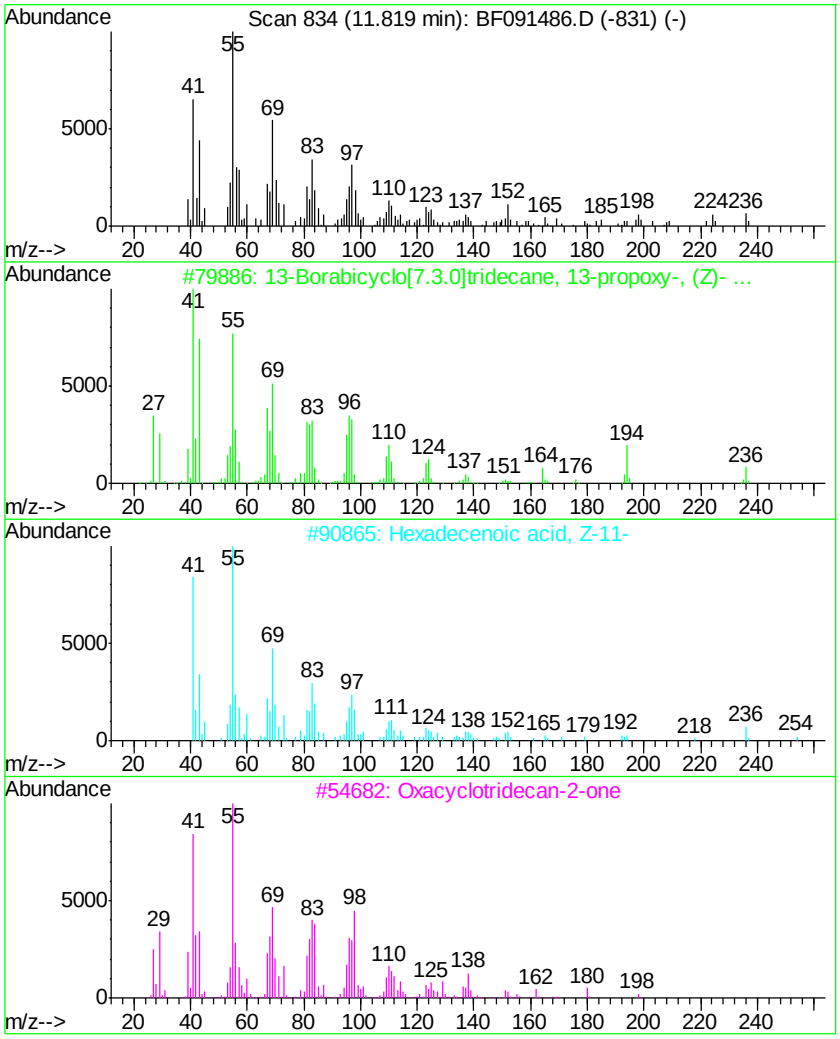
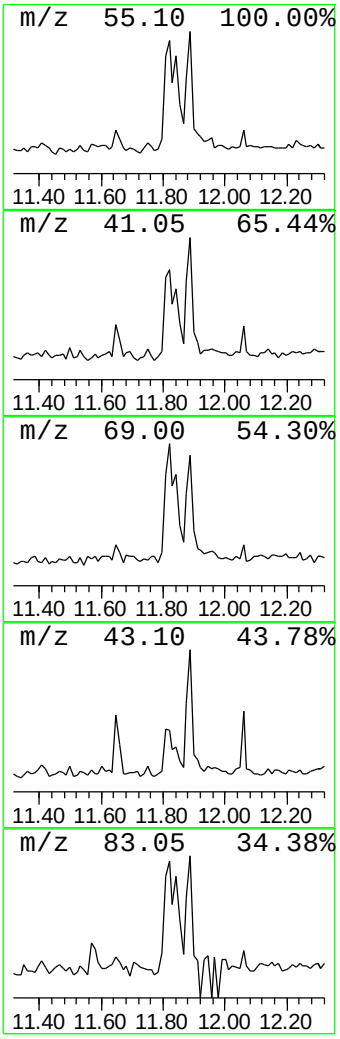
Peak Number 5 13-Borabicyclo[7.3.0]tridec... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	2.45 ng	222680	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Borabicyclo[7.3.0]tridecane, ...	236	C15H29BO	1000156-41-7	83
2	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	64
3	Oxacyclotridecan-2-one	198	C12H22O2	000947-05-7	53
4	4-Methyl-dodec-3-en-1-ol	198	C13H26O	1000192-41-0	52
5	Oxacyclotetradecane-2,11-dione, ...	240	C14H24O3	074685-36-2	49





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Sample : H5869-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP19-COMP5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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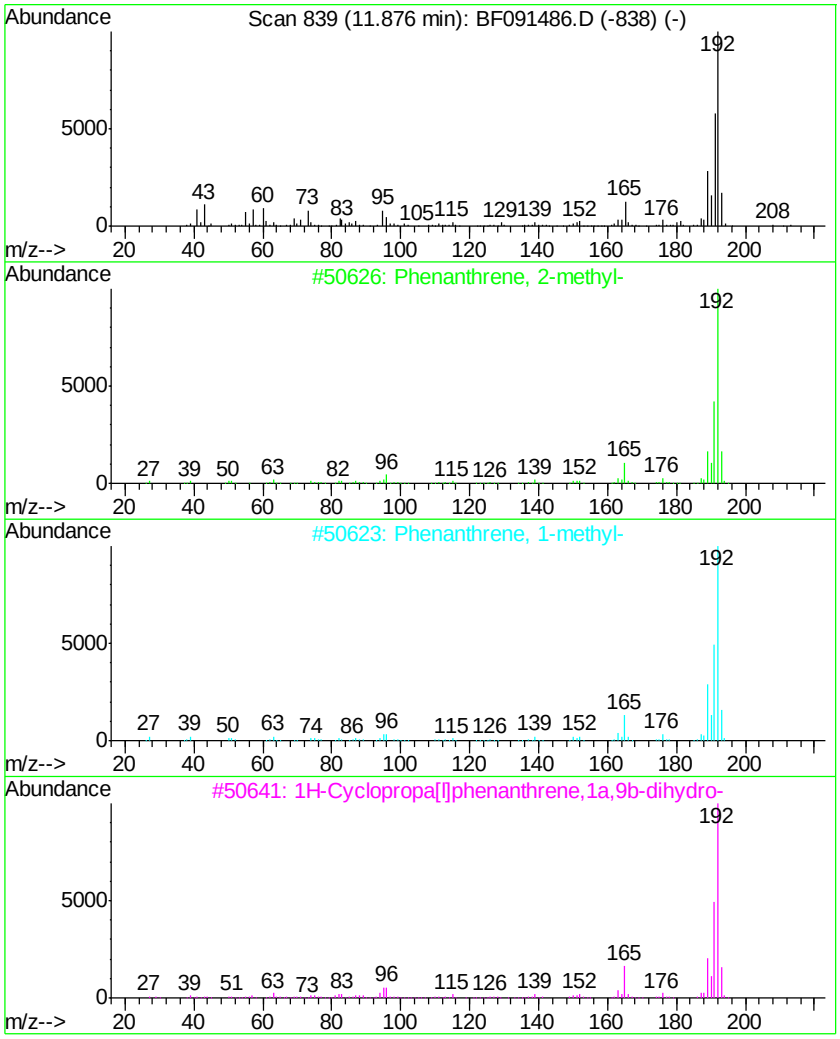
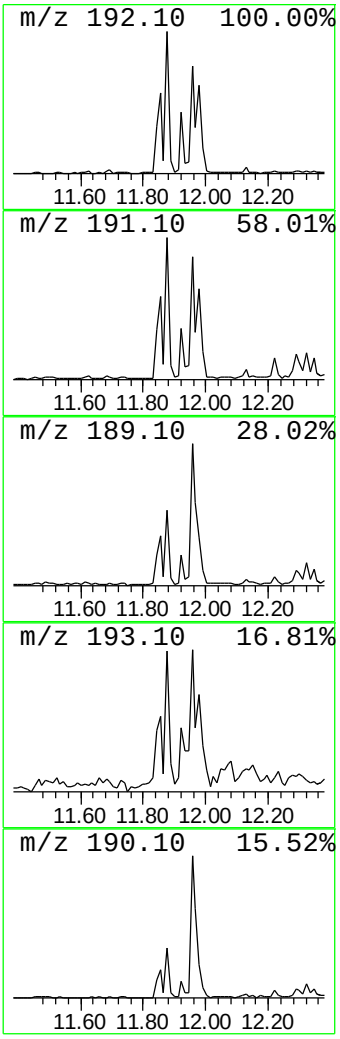
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	3.92 ng	357318	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Data File : BF091486.D
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Sample : H5869-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP19-COMP5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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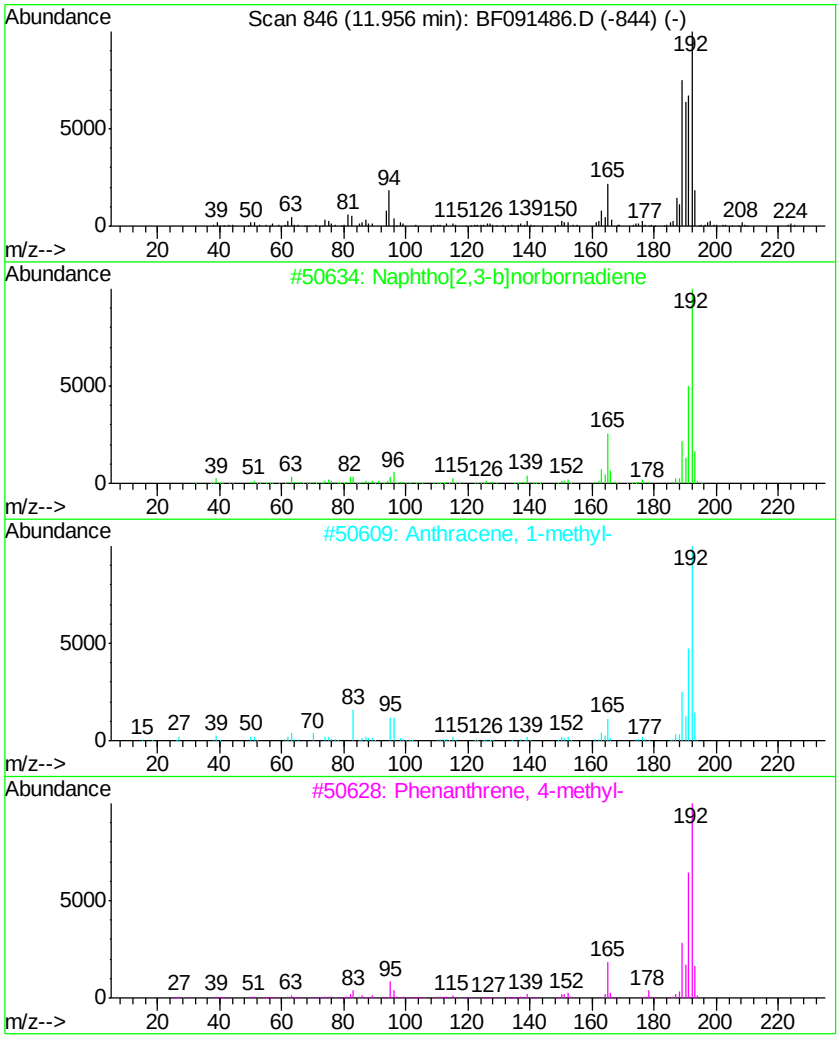
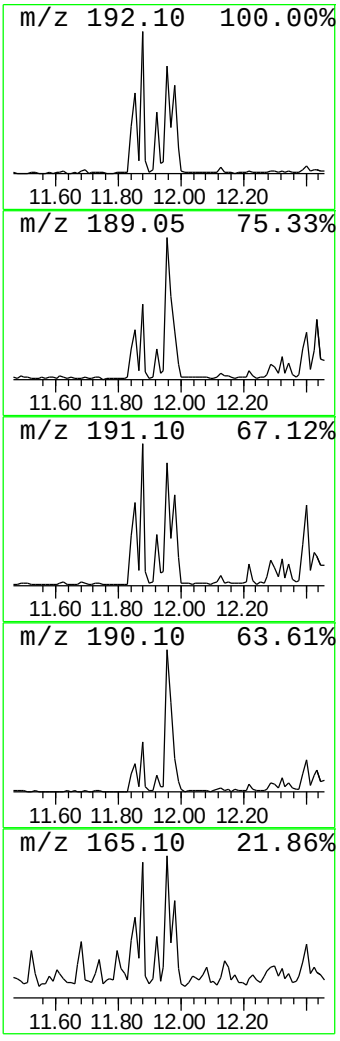
Peak Number 7 Naphtho[2,3-b]norbornadiene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	5.58 ng	507913	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	50
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	50
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	50
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50





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Operator : UM/SJ
Sample : H5869-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP19-COMP5

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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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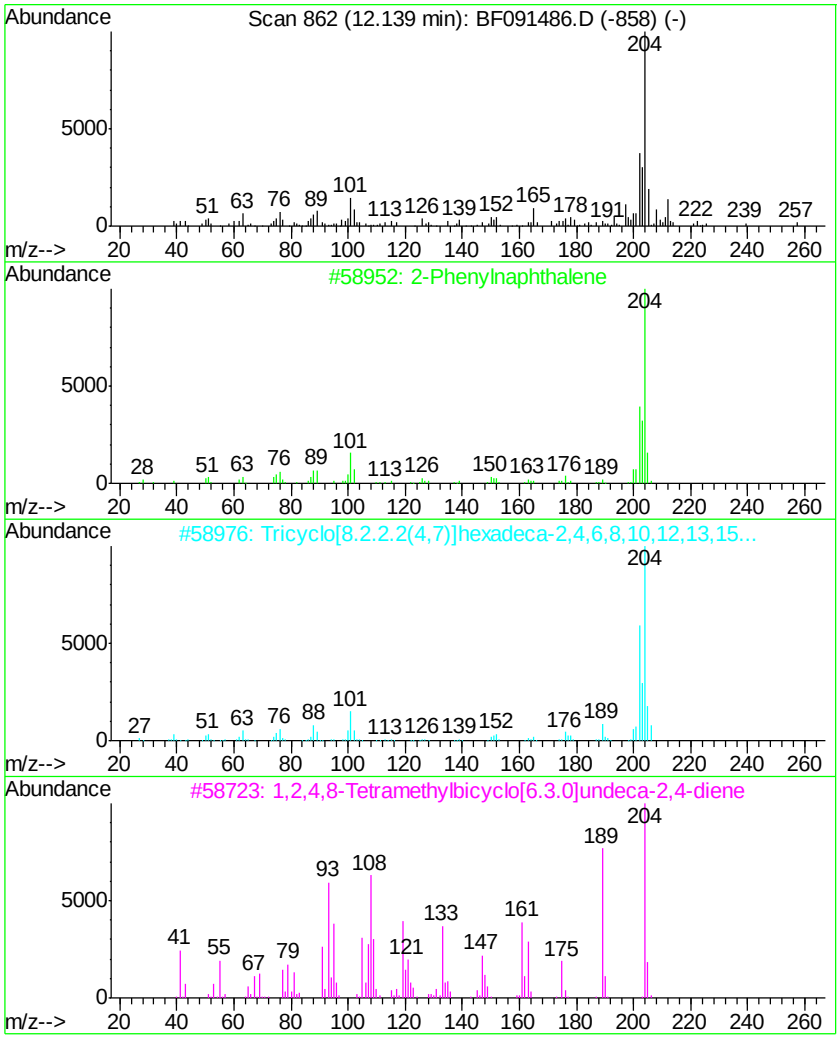
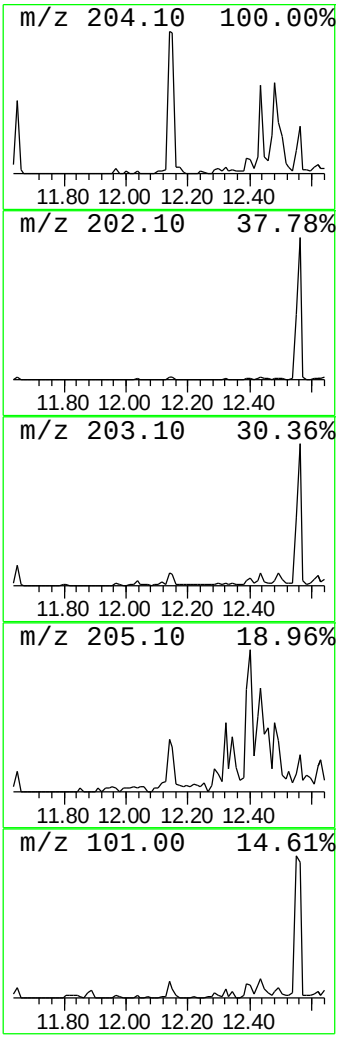
Peak Number 8 2-Phenylnaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	2.71 ng	246989	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	91
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	91
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	83
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	64





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP19-COMP5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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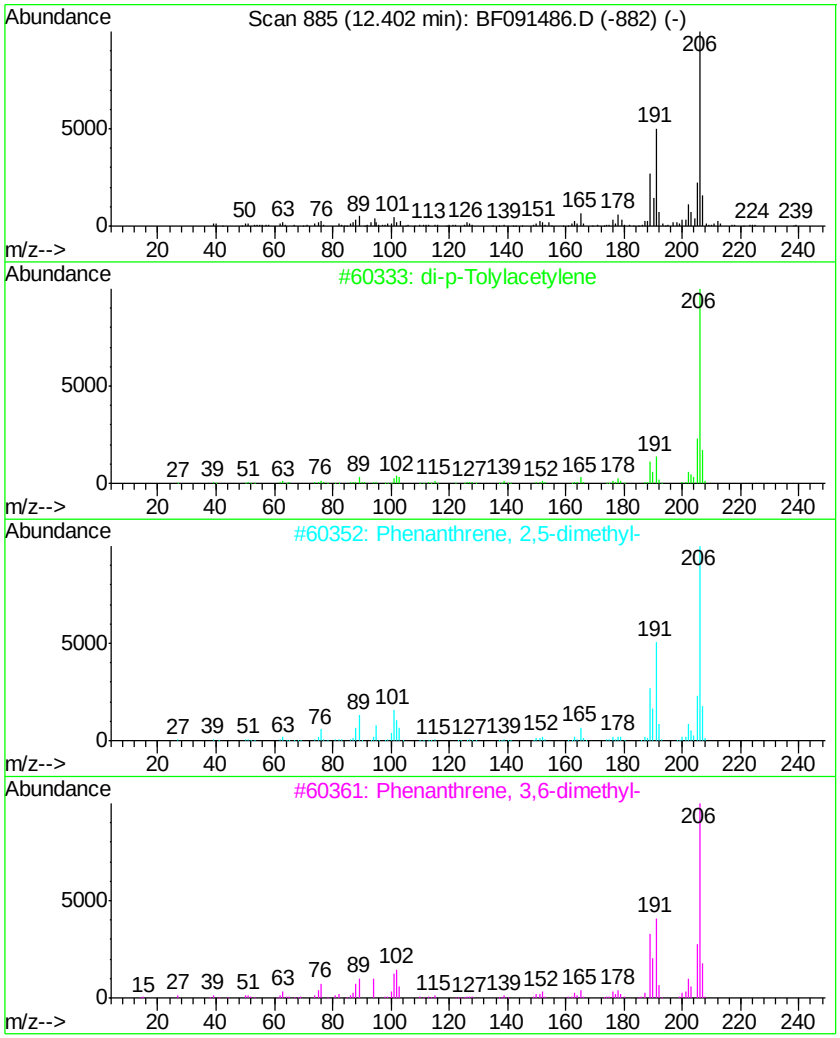
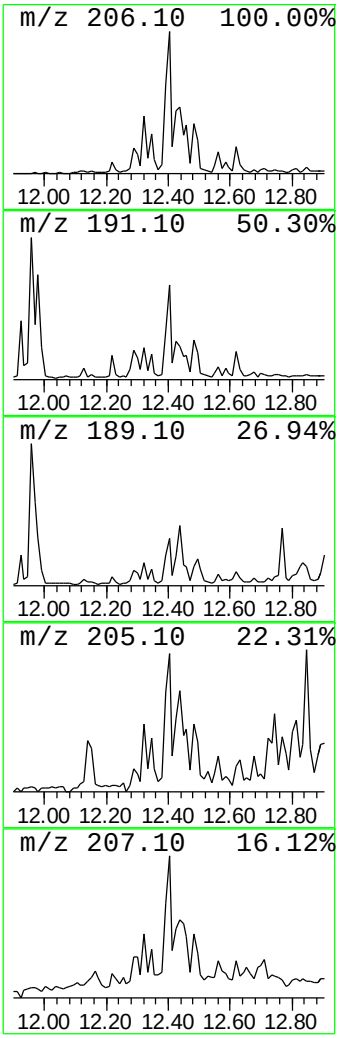
Peak Number 9 di-p-Tolylacetylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	2.84 ng	258969	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	81





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TIC Library : C:\DATABASE\NIST02.L
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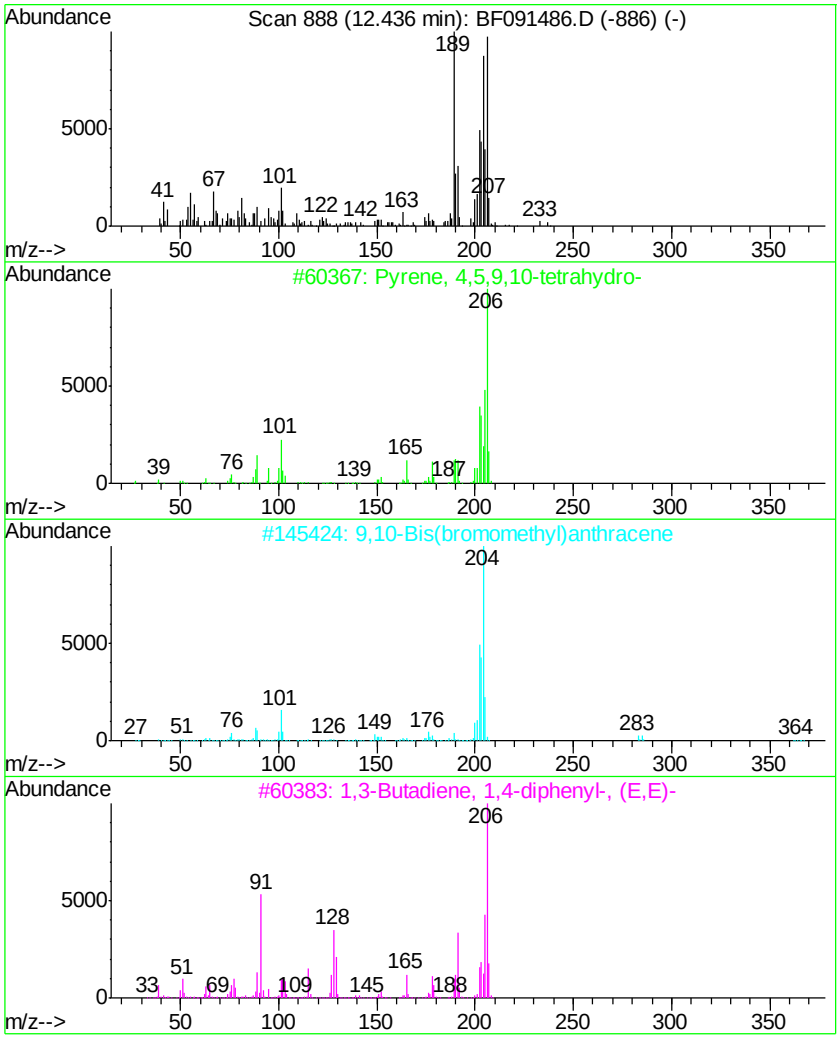
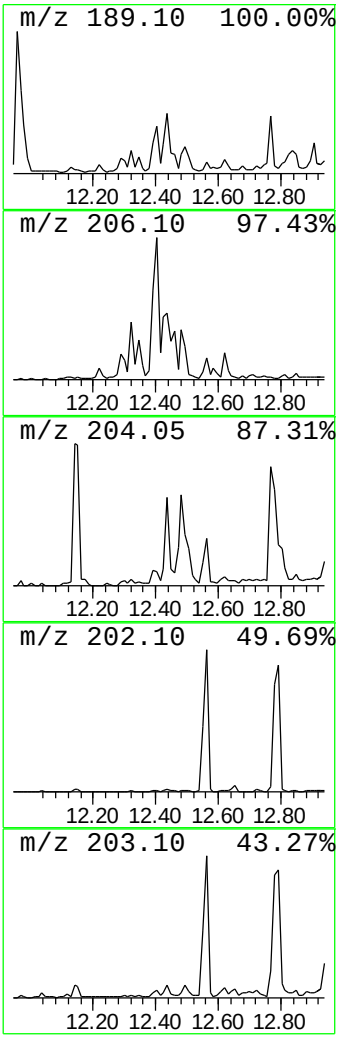
Peak Number 10 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	2.63 ng	239124	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	51
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	41
3	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	38
4	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	38
5	5-Methyl-2-(p-tolylimino)-1,3-th...	206	C11H14N2S	070446-87-6	35





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP19-COMP5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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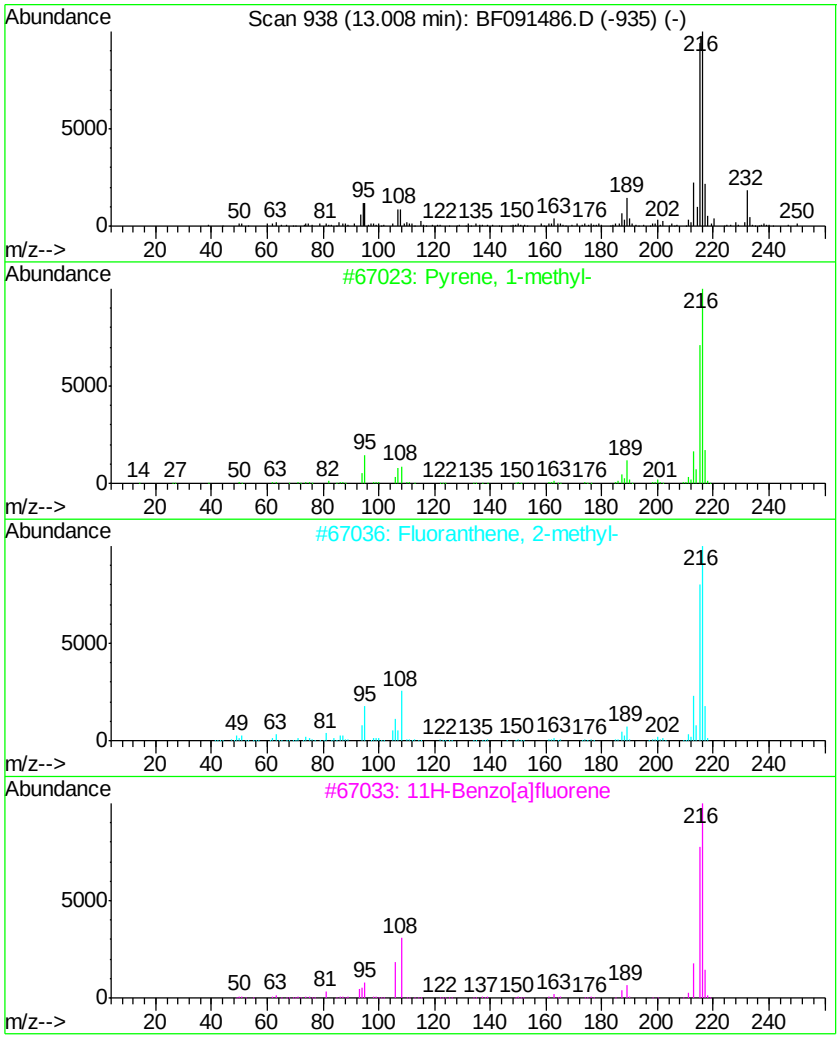
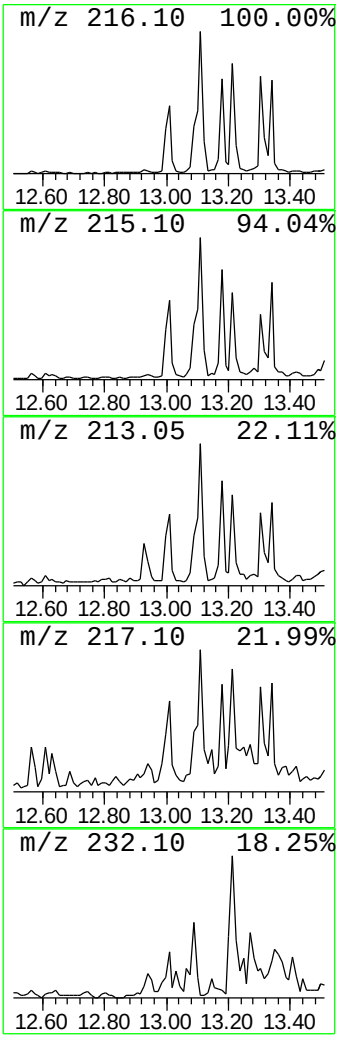
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	2.52 ng	261835	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	59
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	58





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Operator : UM/SJ
Sample : H5869-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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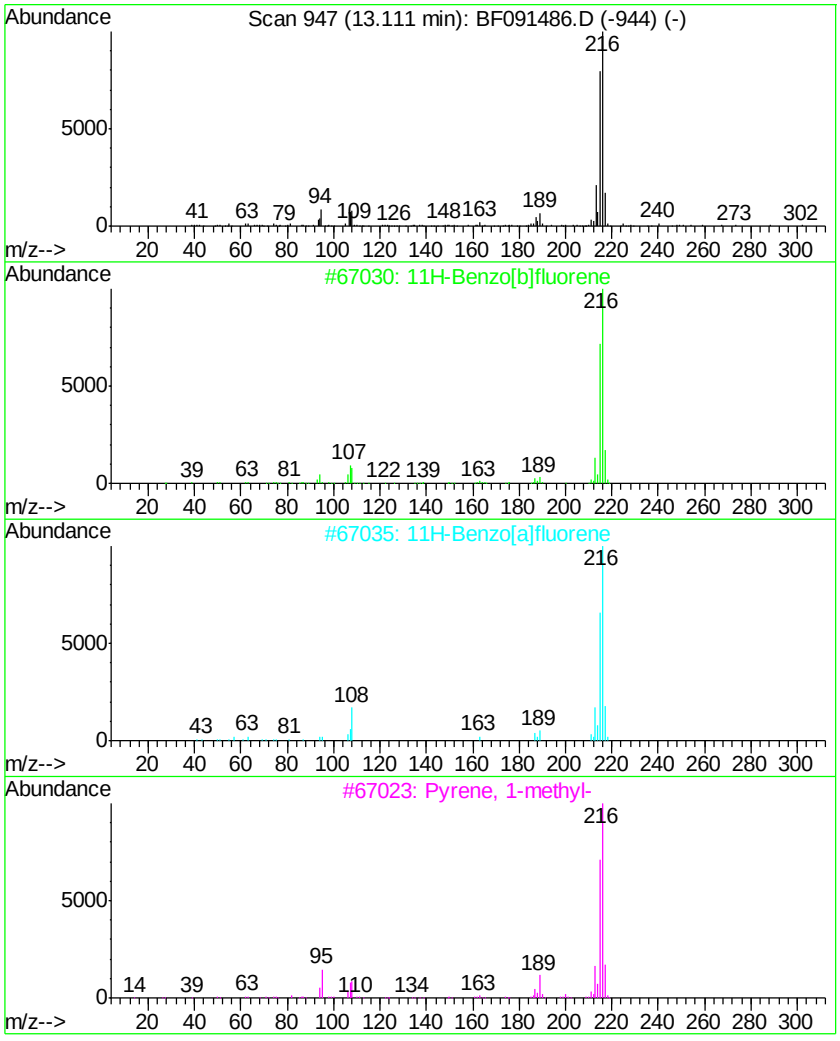
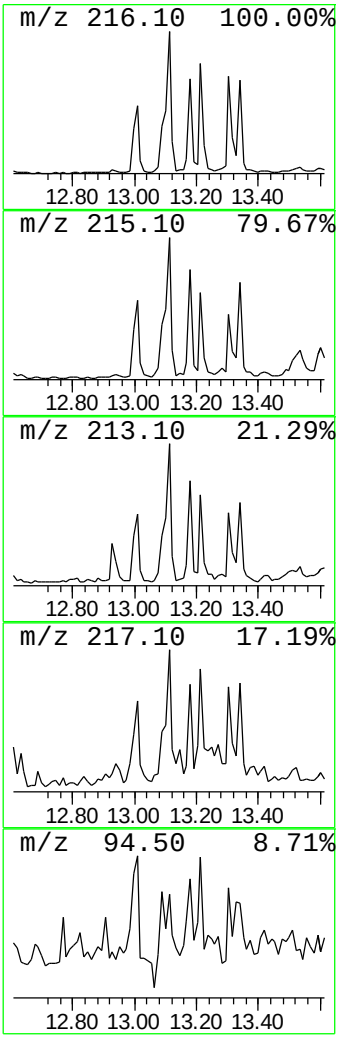
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	3.21 ng	333454	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





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Operator : UM/SJ
Sample : H5869-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP19-COMP5

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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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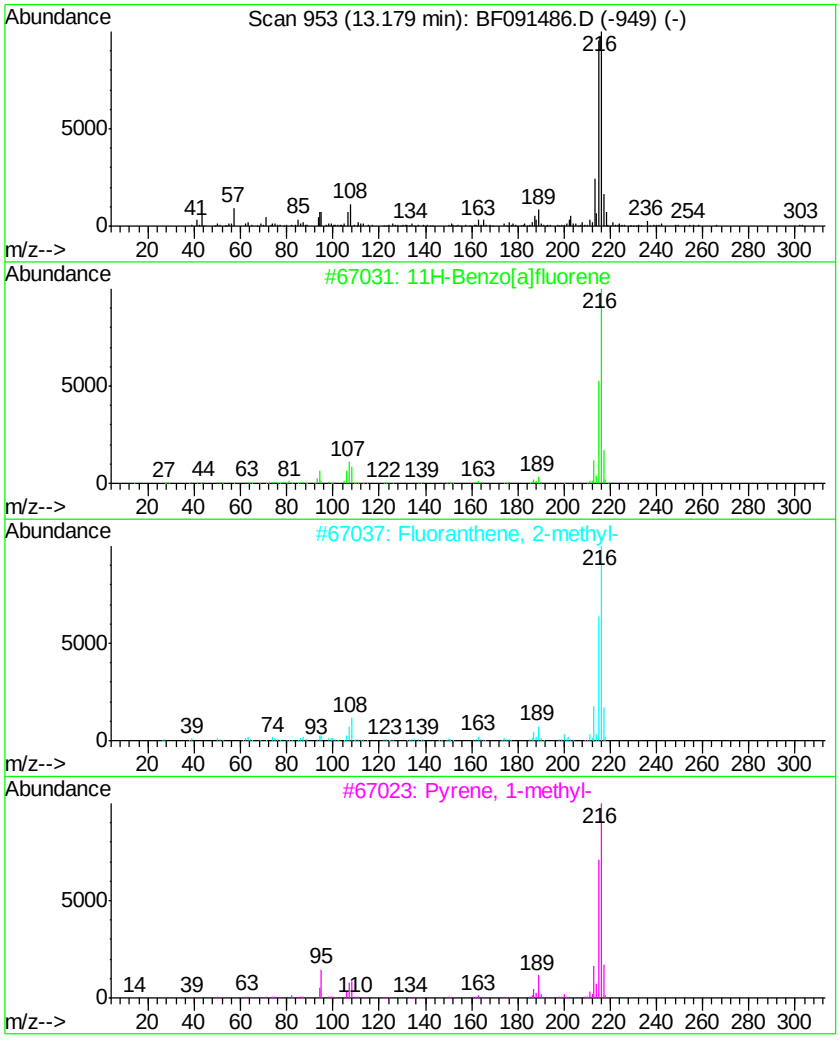
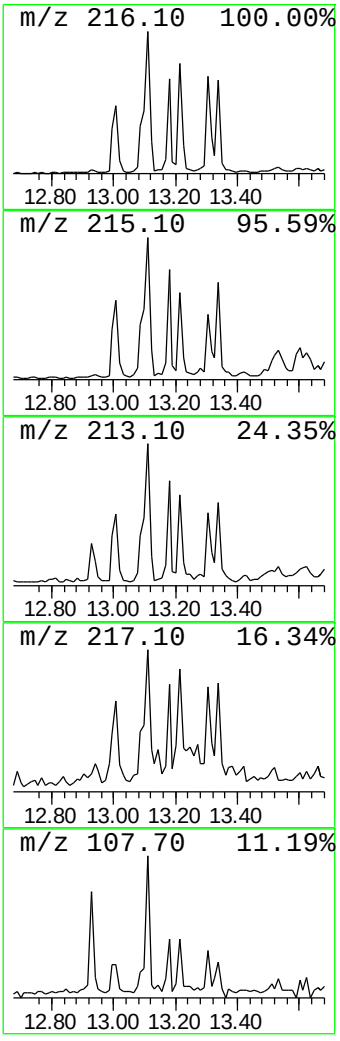
Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	2.33 ng	241987	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Sample : H5869-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP19-COMP5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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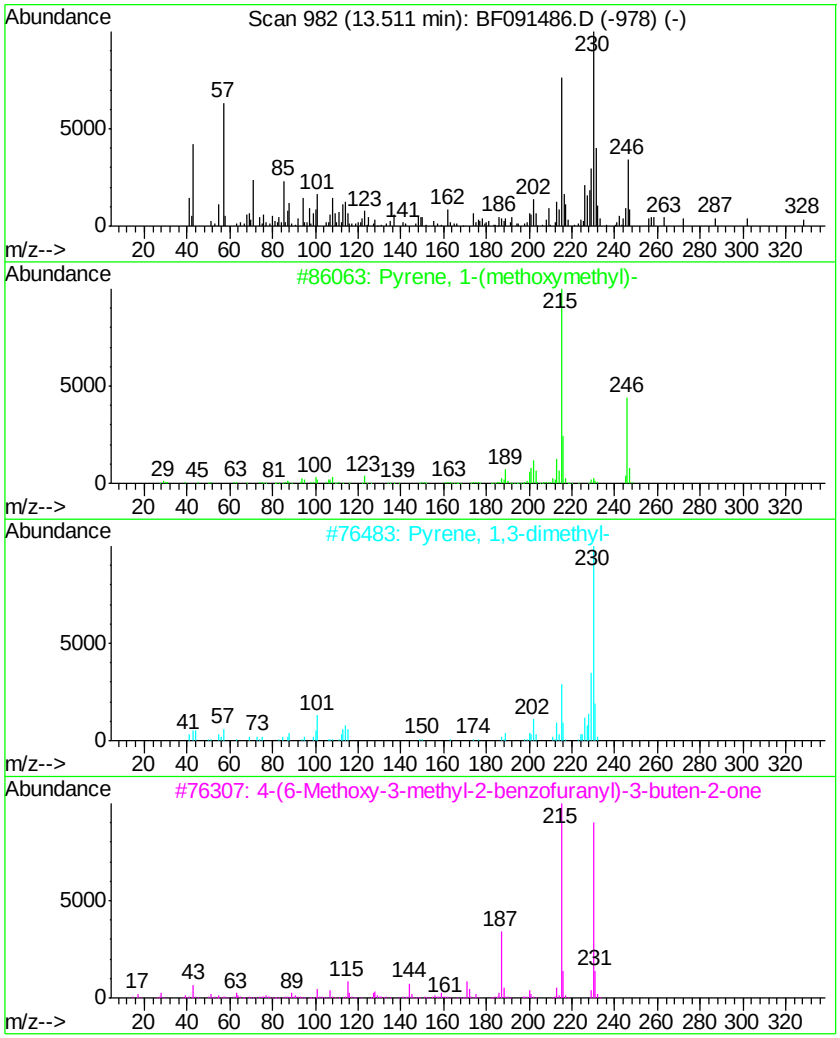
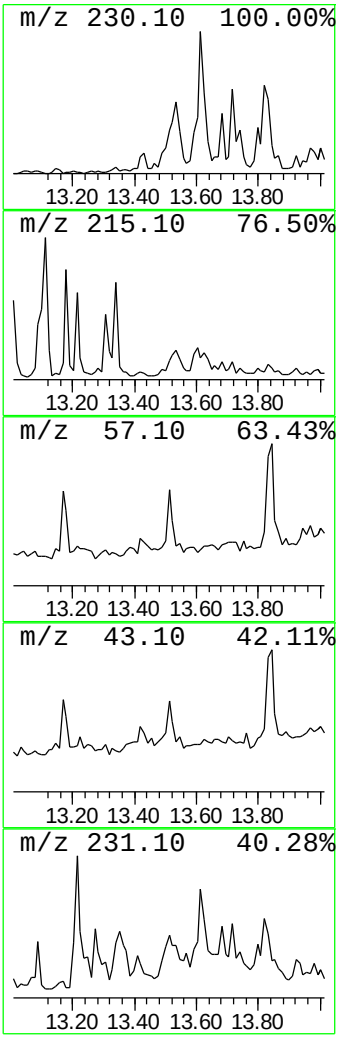
Peak Number 15 Pyrene, 1-(methoxymethyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	2.11 ng	219598	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-(methoxymethyl)-	246	C18H14O	091385-15-8	80
2	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	50
3	4-(6-Methoxy-3-methyl-2-benzofur...	230	C14H14O3	010444-37-8	47
4	6,6-Diphenylfulvene	230	C18H14	002175-90-8	43
5	2,2'-Bi-1H-indene	230	C18H14	000787-61-1	38





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP19-COMP5

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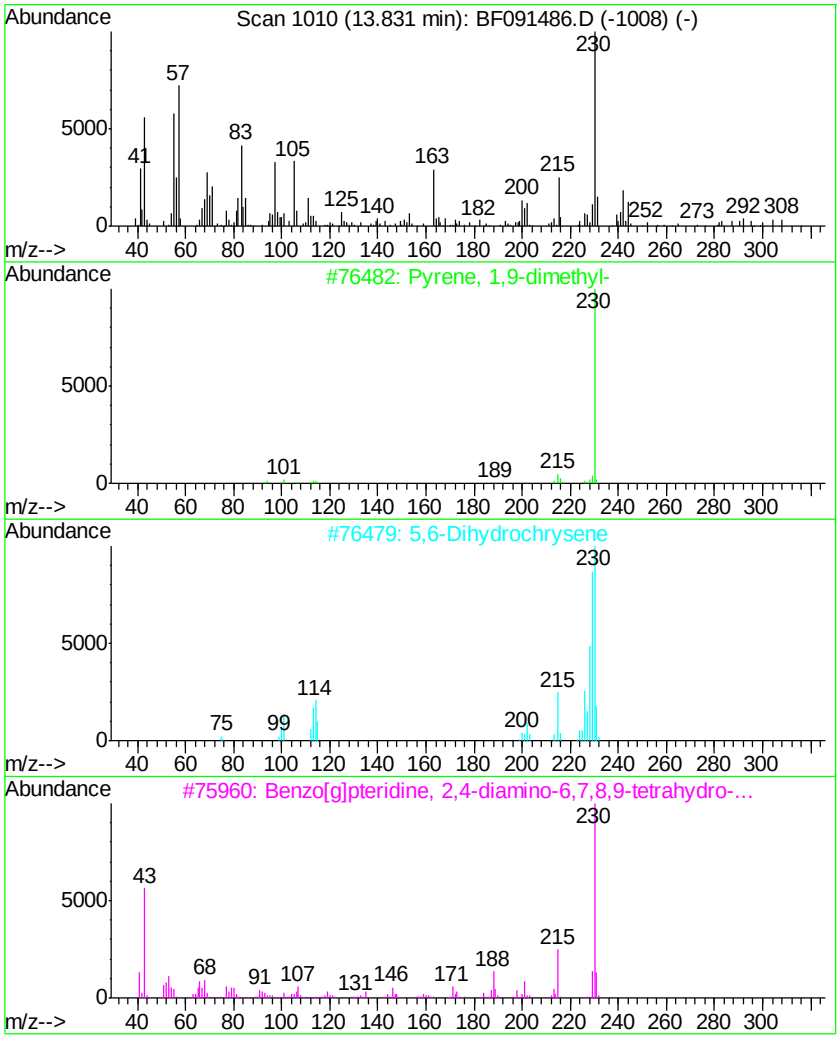
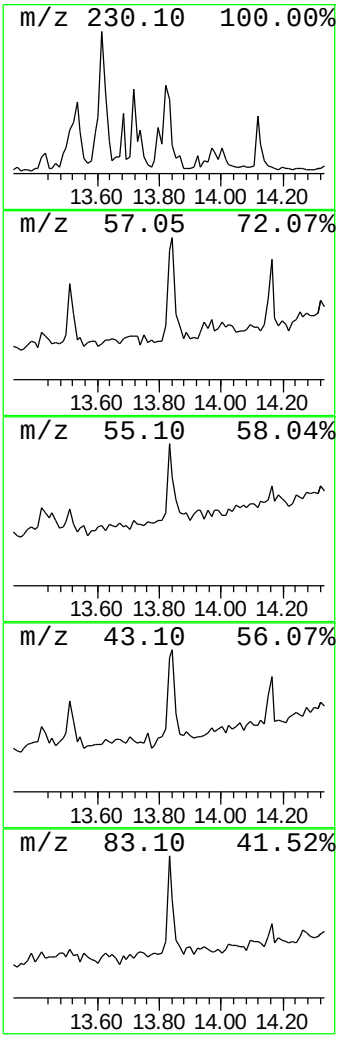
Peak Number 16 unknown13.83 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	2.37 ng	246247	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1,9-dimethyl-	230	C18H14	074298-70-7	43
2	5,6-Dihydrochrysene	230	C18H14	002091-92-1	38
3	Benzo[g]pteridine, 2,4-diamino-6...	230	C11H14N6	063630-26-2	38
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	38
5	Naphthalene, 2-styryl-	230	C18H14	002039-70-5	38





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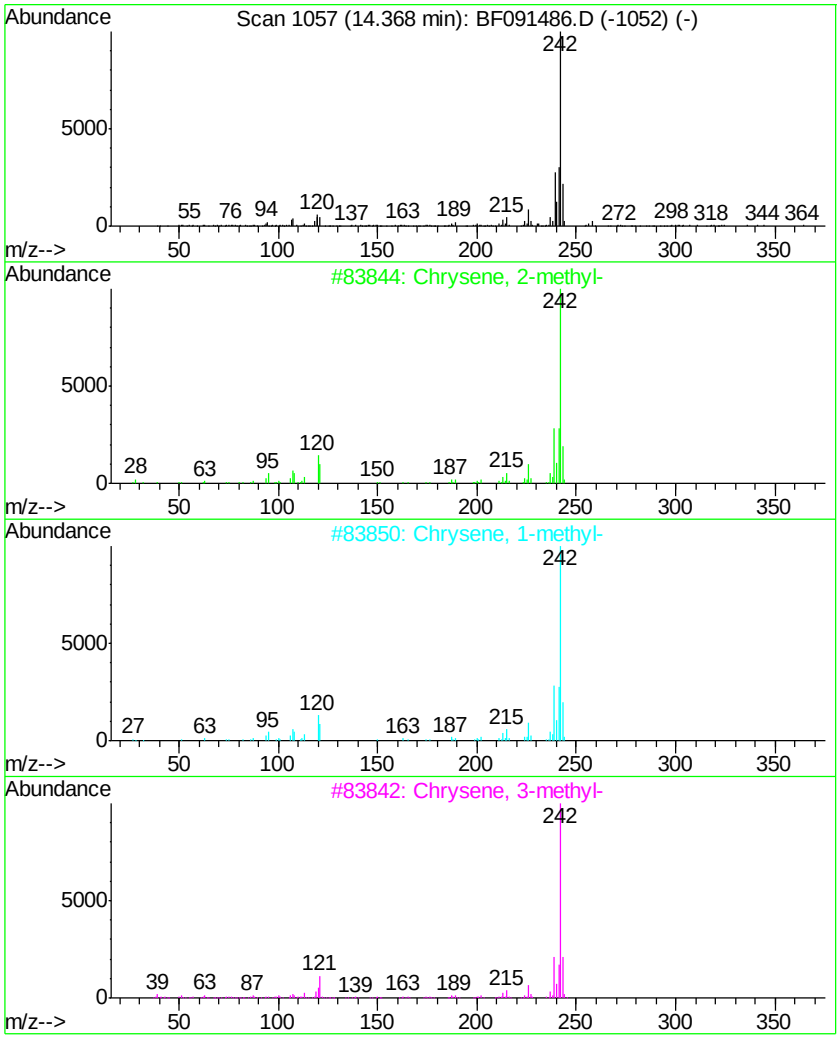
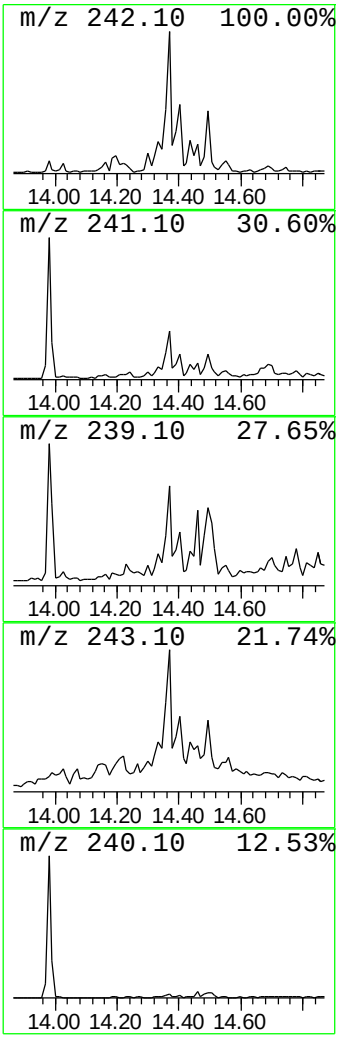
Peak Number 17 Chrysene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	3.20 ng	333024	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 2-methyl-	242	C19H14	003351-32-4	96
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
3	Chrysene, 3-methyl-	242	C19H14	003351-31-3	94
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	91





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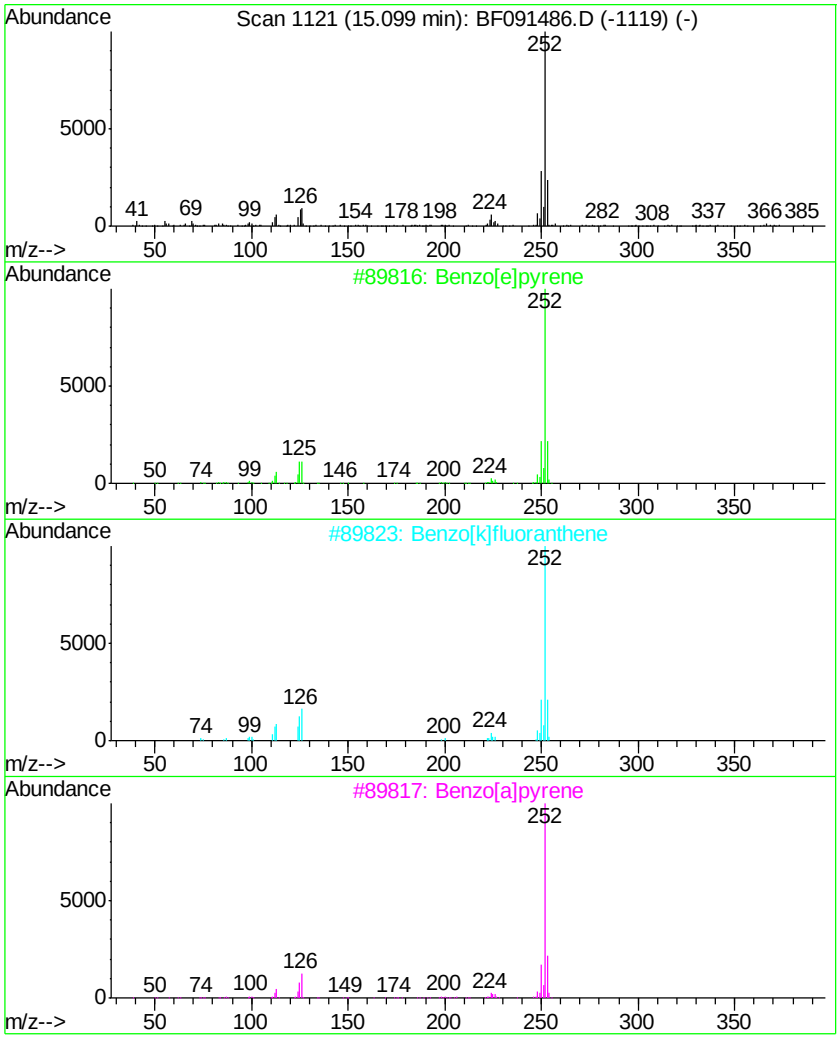
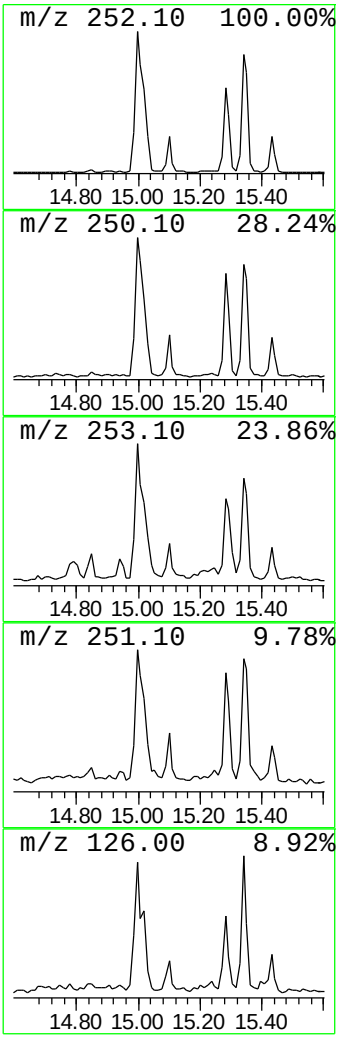
Peak Number 18 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	5.88 ng	176645	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Perylene	252	C20H12	000198-55-0	89





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Sample : H5869-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP19-COMP5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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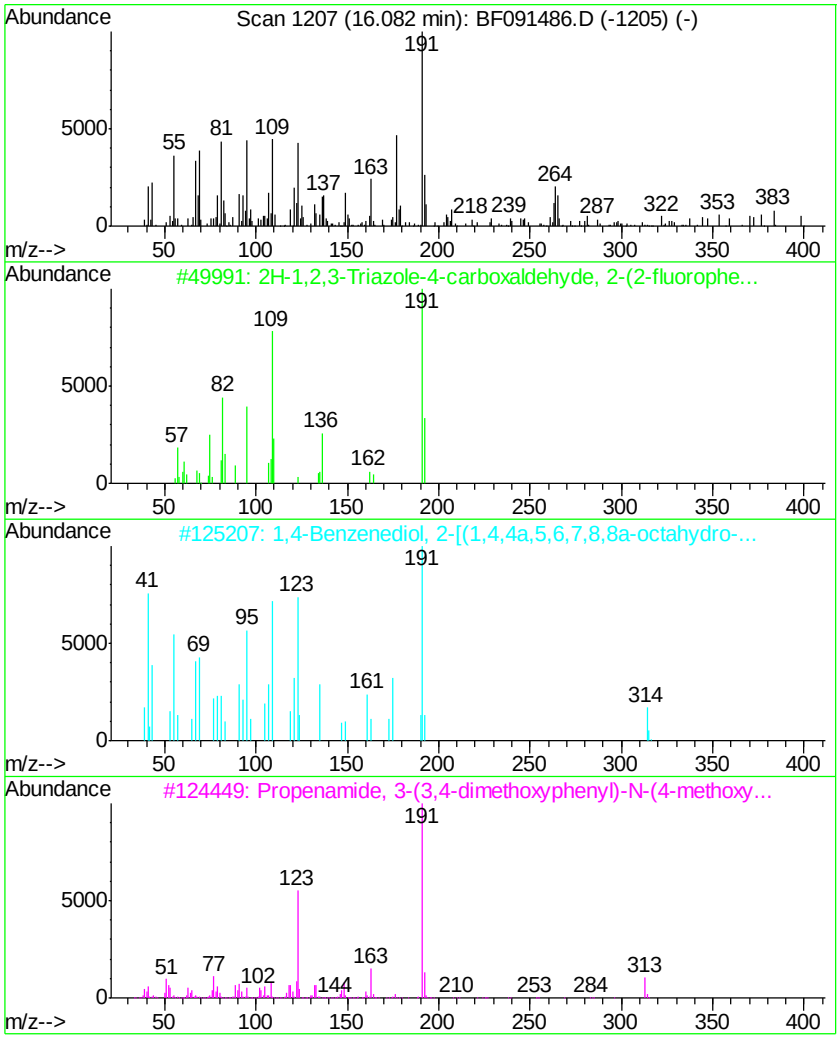
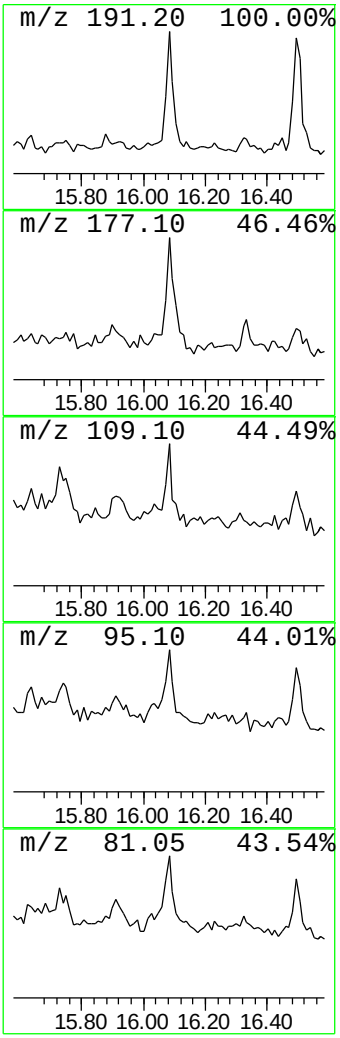
Peak Number 20 unknown16.08 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	5.94 ng	178410	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	43
2	1,4-Benzenediol, 2-[(1,4,4a,5,6,...	314	C21H30O2	039707-55-6	43
3	Propenamide, 3-(3,4-dimethoxyphe...	313	C18H19NO4	339165-72-9	35
4	4-Bromobenzenamide, N-(2,4-dieth...	390	C18H19BrN2O3	1000223-51-9	27
5	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
Data File : BF091486.D
Acq On : 7 Dec 2016 23:02
Operator : UM/SJ
Sample : H5869-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP19-COMP5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.00	11.3	ng	579376	1	6.84	1024140	20.0
unknown6.60	6.60	29.9	ng	1532380	1	6.84	1024140	20.0
3,5-Dimethyldodecane	10.78	2.1	ng	187795	4	11.35	1820900	20.0
13-Borabicyclo[7....	11.82	2.5	ng	222680	4	11.35	1820900	20.0
Phenanthrene, 2-m...	11.88	3.9	ng	357318	4	11.35	1820900	20.0
Naphtho[2,3-b]nor...	11.96	5.6	ng	507913	4	11.35	1820900	20.0
2-Phenylnaphthalene	12.14	2.7	ng	246989	4	11.35	1820900	20.0
di-p-Tolylacetylene	12.40	2.8	ng	258969	4	11.35	1820900	20.0
Pyrene, 4,5,9,10-...	12.44	2.6	ng	239124	4	11.35	1820900	20.0
Pyrene, 1-methyl-	13.01	2.5	ng	261835	5	13.98	2078710	20.0
11H-Benzo[b]fluorene	13.11	3.2	ng	333454	5	13.98	2078710	20.0
11H-Benzo[a]fluorene	13.18	2.3	ng	241987	5	13.98	2078710	20.0
Pyrene, 1-(methox...	13.51	2.1	ng	219598	5	13.98	2078710	20.0
unknown13.83	13.83	2.4	ng	246247	5	13.98	2078710	20.0
Chrysene, 2-methyl-	14.37	3.2	ng	333024	5	13.98	2078710	20.0
Benzo[e]pyrene	15.10	5.9	ng	176645	6	15.41	600721	20.0
unknown16.08	16.08	5.9	ng	178410	6	15.41	600721	20.0