LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
Data File : BF086504.D
Acq On : 29 Apr 2016 20:55
Operator : UM/SJ
Sample : H2757-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3(2-4)

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-BF042716.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	2.201	8	10	21	rVB	30913	97784	3.09%	0.190%
2	4.407	200	203	209	rVB	61830	101640	3.21%	0.197%
3	4.944	247	250	258	rBV	137181	205635	6.50%	0.399%
4	5.367	284	287	289	rBV	2502237	2353906	74.41%	4.567%
5	6.419	376	379	381	rBV	1897658	2627075	83.04%	5.097%
6	6.544	387	390	392	rBV	2632425	2638111	83.39%	5.119%
7	6.773	408	410	420	rBV	956732	1016419	32.13%	1.972%
8	6.933	421	424	426	rBV	2195388	2007343	63.45%	3.895%
9	7.345	457	460	462	rBV	1351829	1551888	49.06%	3.011%
10	7.436	466	468	476	rVB2	23121	70772	2.24%	0.137%
11	8.065	520	523	525	rBV	1325077	1296274	40.98%	2.515%
12	8.876	592	594	596	rBV	50650	49051	1.55%	0.095%
13	9.139	615	617	620	rBV	2657447	2483732	78.51%	4.819%
14	9.230	623	625	627	rVB2	41581	51314	1.62%	0.100%
15	9.402	637	640	643	rBV2	30515	50024	1.58%	0.097%
16	9.470	644	646	650	rBV3	60004	130349	4.12%	0.253%
17	9.539	650	652	654	rVV	338962	325270	10.28%	0.631%
18	9.596	654	657	659	rVB2	31609	60857	1.92%	0.118%
19	9.676	661	664	666	rBV	73914	72654	2.30%	0.141%
20	9.756	669	671	673	rBV	125105	99070	3.13%	0.192%
21	9.813	674	676	678	rBV	1266410	1245330	39.37%	2.416%
22	9.848	678	679	681	rVB	380235	284999	9.01%	0.553%
23	9.928	684	686	688	rVB	28932	43702	1.38%	0.085%
24	9.973	688	690	692	rBV3	50324	77654	2.45%	0.151%
25	10.019	692	694	696	rBV	162292	146514	4.63%	0.284%
26	10.053	696	697	701	rVB3	42967	80721	2.55%	0.157%
27	10.133	701	704	705	rBV2	40768	53123	1.68%	0.103%
28	10.225	709	712	713	rBV	55973	70383	2.22%	0.137%
29	10.259	713	715	716	rVB	121993	129572	4.10%	0.251%
30	10.316	716	720	722	rVB3	18313	41571	1.31%	0.081%
31	10.362	722	724	727	rBV	240846	252977	8.00%	0.491%
32	10.431	727	730	732	rBV3	52876	148594	4.70%	0.288%
33	10.476	732	734	735	rVB	55560	51800	1.64%	0.101%
34	10.522	735	738	740	rVB3	87204	142403	4.50%	0.276%

LSC Area Percent Report

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Sample : H2757-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3(2-4)

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-BF042716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.602	742	745	747	rBV	1251800	1290575	40.80%	2.504%
36	10.728	754	756	760	rVB	223464	246059	7.78%	0.477%
37	10.911	768	772	773	rBV2	75263	128264	4.05%	0.249%
38	10.991	777	779	780	rVB	35831	41648	1.32%	0.081%
39	11.059	780	785	787	rBV3	68955	155763	4.92%	0.302%
40	11.105	787	789	791	rVB	96825	116141	3.67%	0.225%
41	11.196	791	797	801	rVB3	153266	445520	14.08%	0.864%
42	11.299	803	806	807	rBV	981864	1309897	41.41%	2.542%
43	11.322	807	808	810	rVV	2873041	2276778	71.97%	4.417%
44	11.368	810	812	814	rVB	522178	543014	17.16%	1.054%
45	11.528	824	826	830	rBV	125936	175259	5.54%	0.340%
46	11.596	830	832	833	rBV	112456	91783	2.90%	0.178%
47	11.631	833	835	838	rVB	70616	91707	2.90%	0.178%
48	11.711	840	842	844	rVB	44973	49668	1.57%	0.096%
49	11.802	847	850	851	rBV	277211	395395	12.50%	0.767%
50	11.825	851	852	854	rVB	481880	388568	12.28%	0.754%
51	11.871	854	856	857	rBV	164348	147874	4.67%	0.287%
52	11.905	857	859	864	rVB	606405	939285	29.69%	1.822%
53	12.008	864	868	871	rBV5	67496	150345	4.75%	0.292%
54	12.088	873	875	876	rBV2	189875	215646	6.82%	0.418%
55	12.236	885	888	890	rBV3	81105	134326	4.25%	0.261%
56	12.271	890	891	895	rVB	83747	126437	4.00%	0.245%
57	12.351	895	898	899	rBV	196722	274827	8.69%	0.533%
58	12.385	899	901	903	rBV2	92759	140767	4.45%	0.273%
59	12.431	903	905	909	rVB	190908	241402	7.63%	0.468%
60	12.511	909	912	914	rBV	2941469	3016215	95.34%	5.852%
61	12.568	914	917	921	rVB3	85437	230796	7.30%	0.448%
62	12.648	921	924	929	rBV4	97809	281966	8.91%	0.547%
63	12.739	929	932	934	rBV	2330540	3163517	100.00%	6.138%
64	12.877	942	944	948	rVB	1477047	1729742	54.68%	3.356%
65	12.957	948	951	952	rBV2	178619	279758	8.84%	0.543%
66	13.059	954	960	962	rVB2	300581	546085	17.26%	1.060%
67	13.128	962	966	967	rBV2	189384	243709	7.70%	0.473%
68	13.162	967	969	971	rBV	261789	273246	8.64%	0.530%
69	13.254	975	977	978	rBV	157194	129173	4.08%	0.251%
70	13.288	978	980	982	rVB	145905	141755	4.48%	0.275%
71	13.368	985	987	991	rVB3	48210	83118	2.63%	0.161%

LSC Area Percent Report

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3(2-4)

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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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.459	991	995	1001	rBV4	98087	325812	10.30%	0.632%
73	13.562	1002	1004	1008	rVB	183983	226558	7.16%	0.440%
74	13.677	1011	1014	1015	rBV	232592	336807	10.65%	0.653%
75	13.779	1021	1023	1027	rVB2	417770	546215	17.27%	1.060%
76	13.848	1027	1029	1032	rVB2	47978	88874	2.81%	0.172%
77	13.928	1032	1036	1037	rBV2	1392964	2450636	77.47%	4.755%
78	14.031	1043	1045	1046	rVB	166201	131674	4.16%	0.255%
79	14.099	1049	1051	1053	rBV3	46917	96491	3.05%	0.187%
80	14.317	1065	1070	1071	rBV	211930	365465	11.55%	0.709%
81	14.351	1071	1073	1074	rVB2	88908	106037	3.35%	0.206%
82	14.408	1074	1078	1079	rBV3	111779	154809	4.89%	0.300%
83	14.614	1094	1096	1097	rBV	74171	98534	3.11%	0.191%
84	14.705	1101	1104	1108	rVV5	48609	150209	4.75%	0.291%
85	14.774	1108	1110	1115	rVV3	77376	183727	5.81%	0.356%
86	14.854	1115	1117	1118	rVV	39109	63059	1.99%	0.122%
87	14.934	1121	1124	1129	rBV	882370	1834783	58.00%	3.560%
88	15.037	1130	1133	1135	rVB	140153	207352	6.55%	0.402%
89	15.208	1146	1148	1151	rVB	426066	638097	20.17%	1.238%
90	15.265	1151	1153	1156	rBV	547136	872623	27.58%	1.693%
91	15.334	1156	1159	1160	rBV	408181	663246	20.97%	1.287%
92	15.768	1195	1197	1199	rBV	43747	65420	2.07%	0.127%
93	16.225	1235	1237	1239	rBV2	28743	51686	1.63%	0.100%
94	16.523	1259	1263	1270	rVB2	50212	143430	4.53%	0.278%
95	16.671	1273	1276	1281	rVB2	253046	511681	16.17%	0.993%
96	16.831	1287	1290	1292	rBV	57942	118194	3.74%	0.229%
97	16.888	1292	1295	1297	rVB	35092	79252	2.51%	0.154%
98	17.071	1307	1311	1319	rVB	228563	494797	15.64%	0.960%
99	17.277	1327	1329	1337	rVB2	54765	167266	5.29%	0.325%
100	18.317	1416	1420	1423	rVB6	25225	72703	2.30%	0.141%

Sum of corrected areas: 51539976

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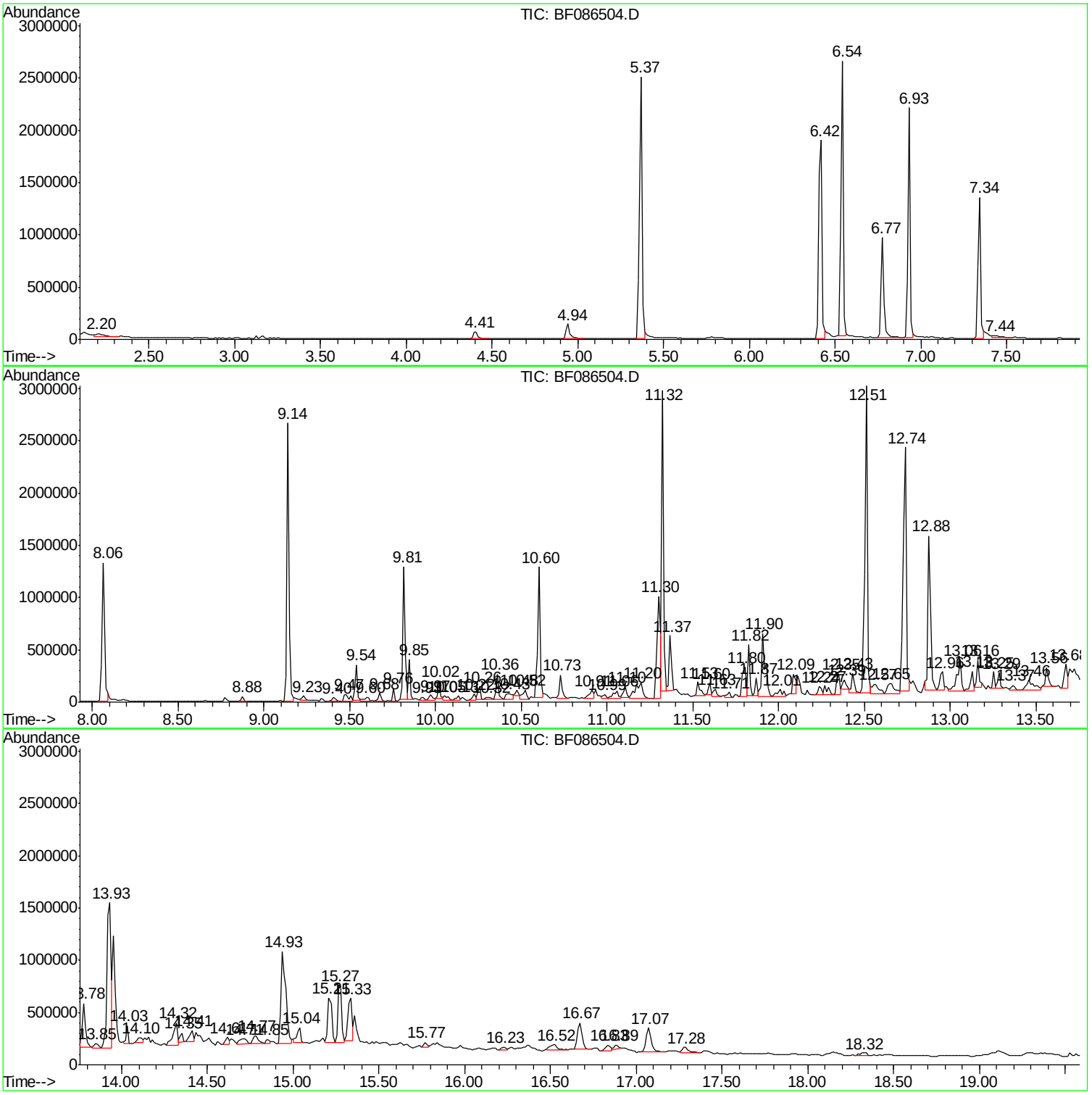
Sample : H2757-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B3(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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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Sample : H2757-03
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

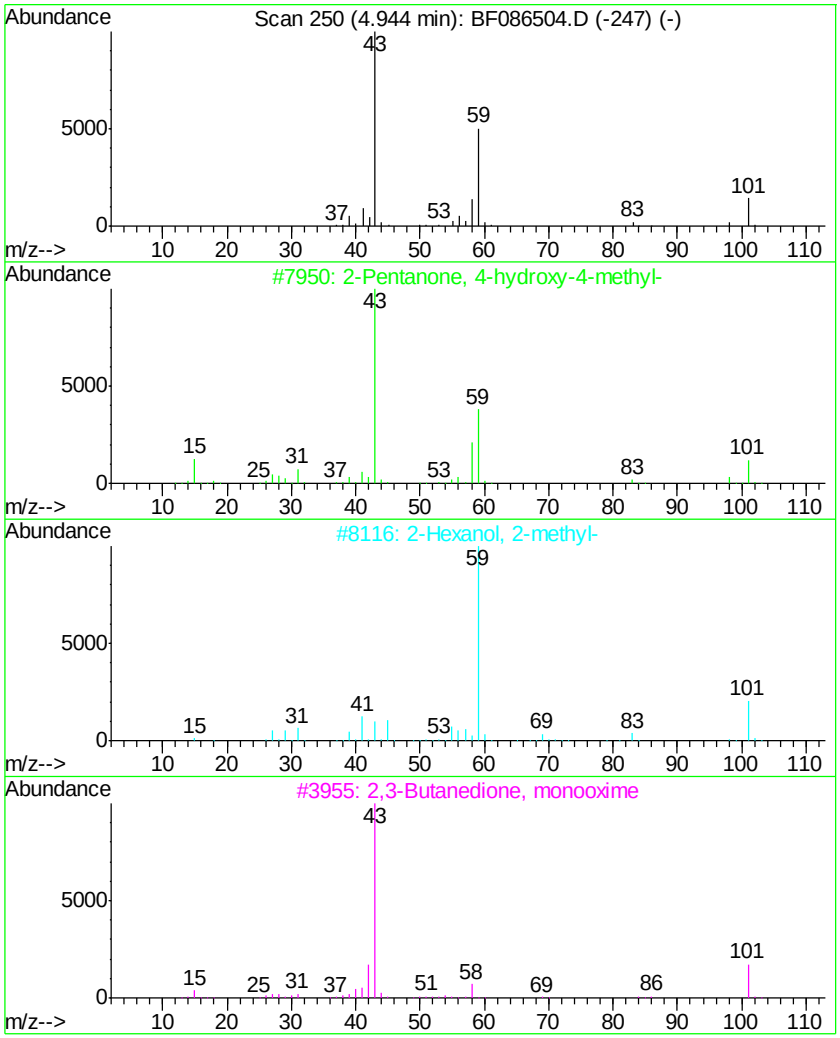
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

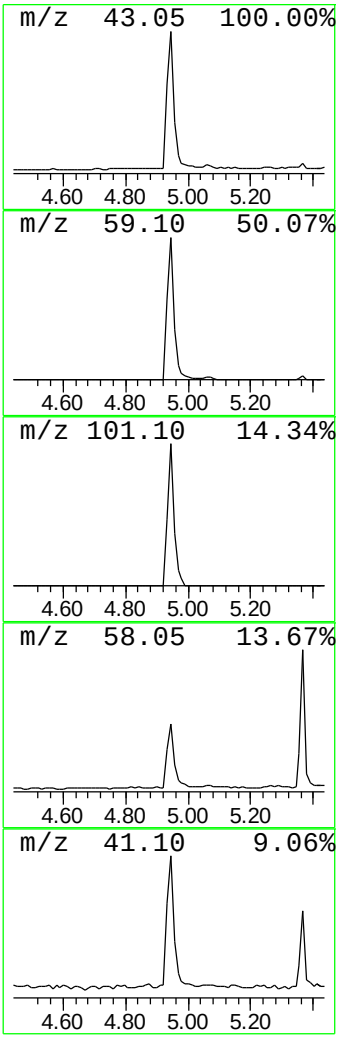
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	4.05 ng	205635	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	23





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Data File : BF086504.D
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Sample : H2757-03
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Instrument : BNA_F
ClientSampleId : B3(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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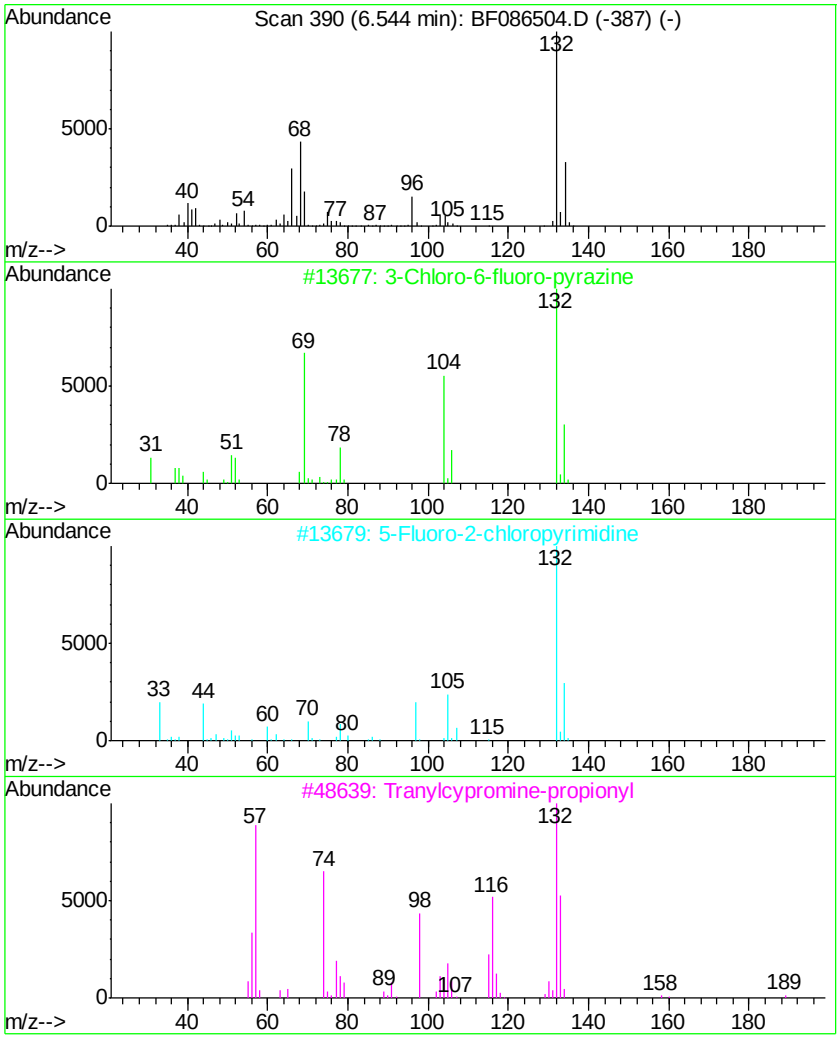
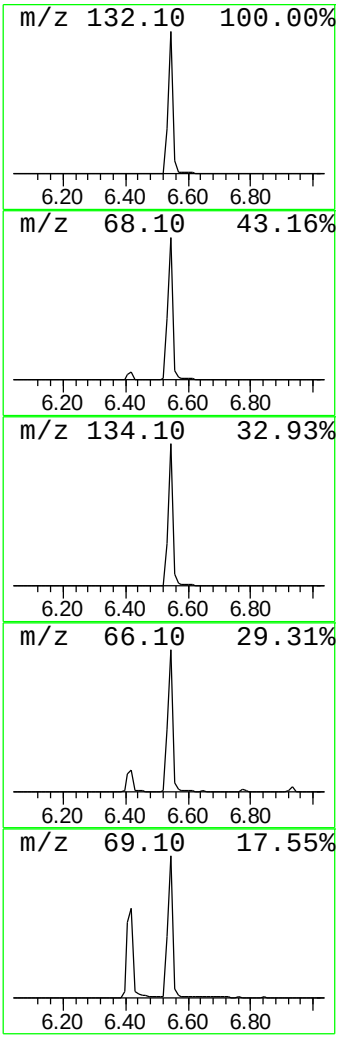
****

Peak Number 2 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	51.91 ng	2638110	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





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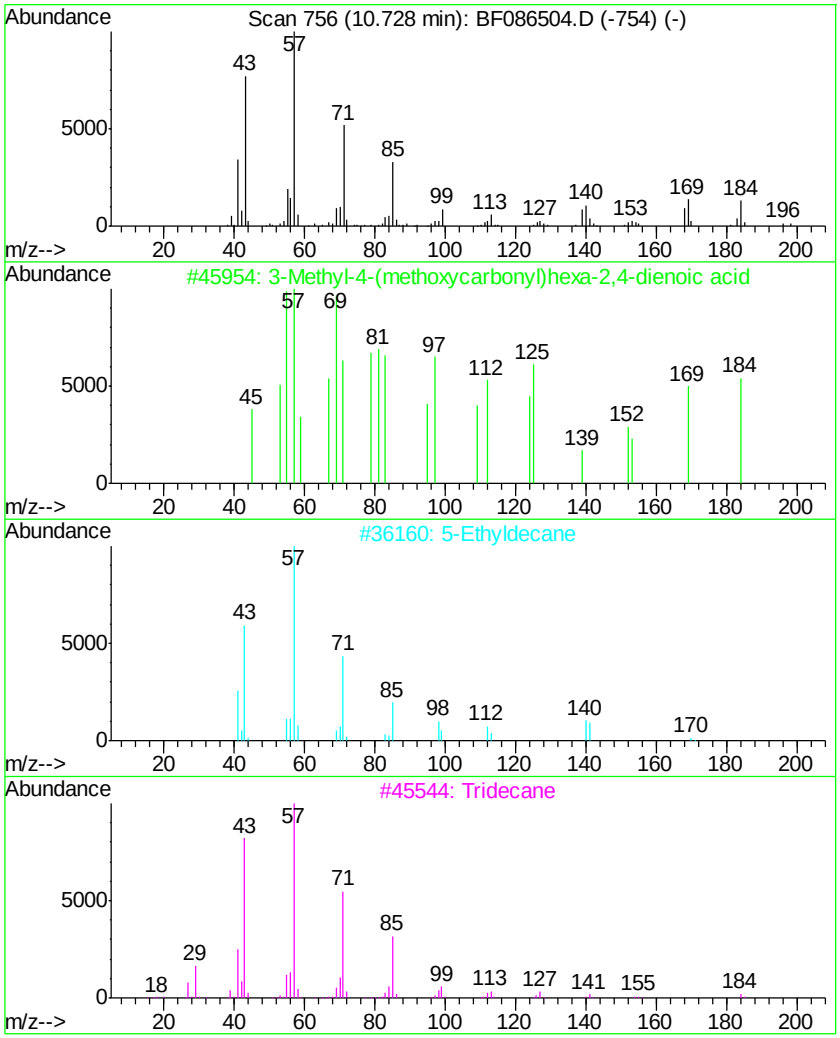
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

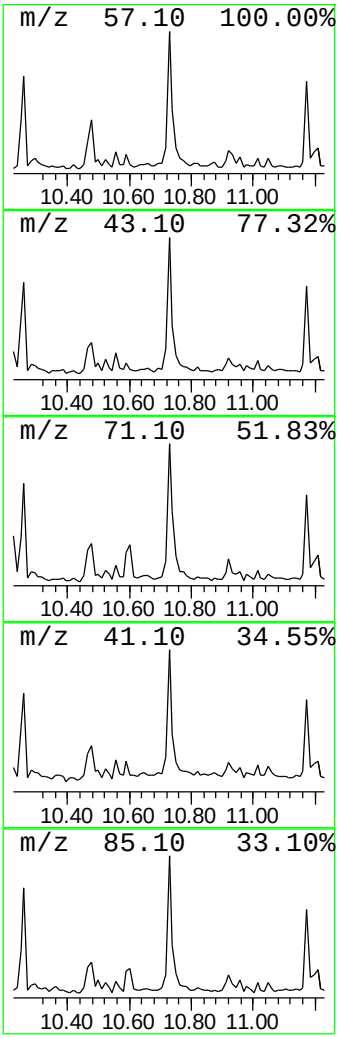
****

Peak Number 4 3-Methyl-4-(methoxycarbonyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	3.76 ng	246059	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	95
2	5-Ethyldecane	170	C12H26	017302-36-2	70
3	Tridecane	184	C13H28	000629-50-5	70
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	62
5	Tetradecane	198	C14H30	000629-59-4	55





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Instrument : BNA_F
ClientSampleId : B3(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
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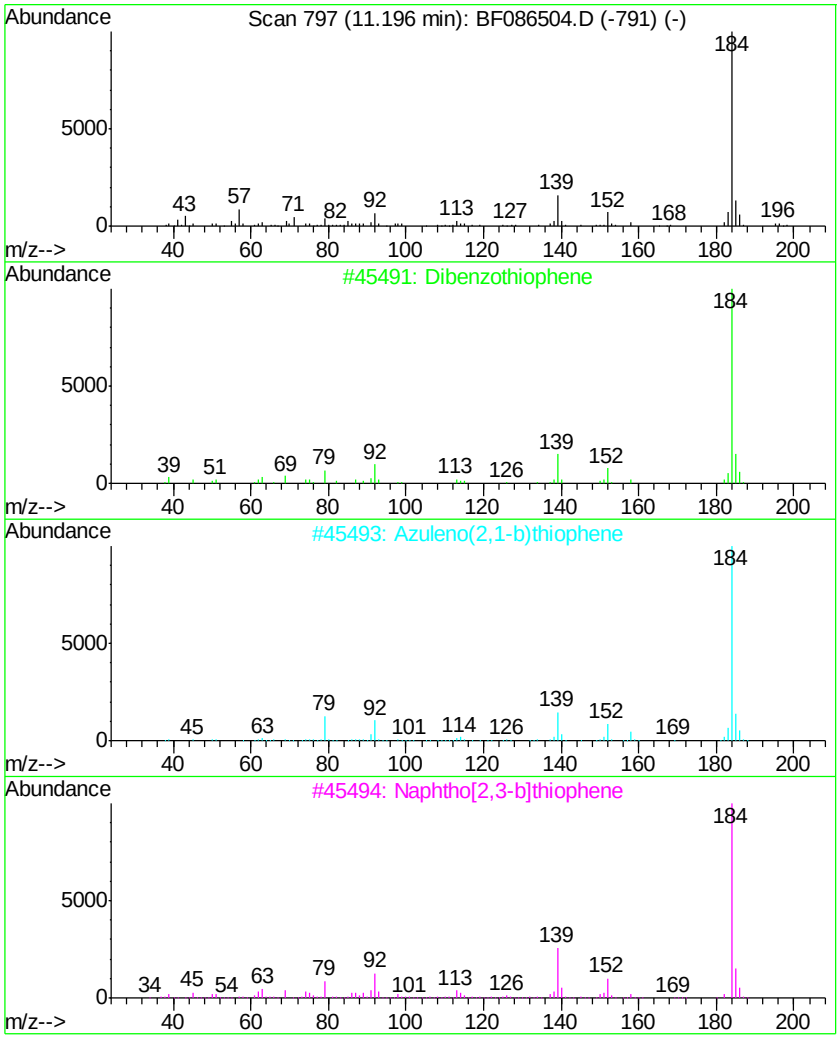
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

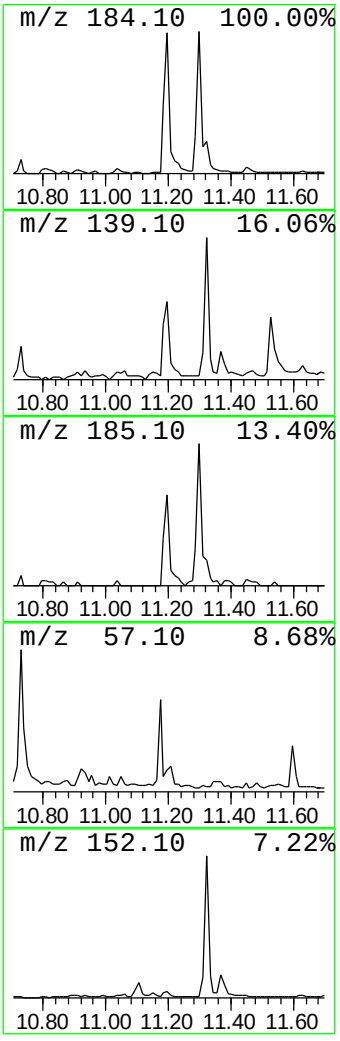
****

Peak Number 5 Dibenzothiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	6.80 ng	445520	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
4	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	56





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Data File : BF086504.D
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Operator : UM/SJ
Sample : H2757-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

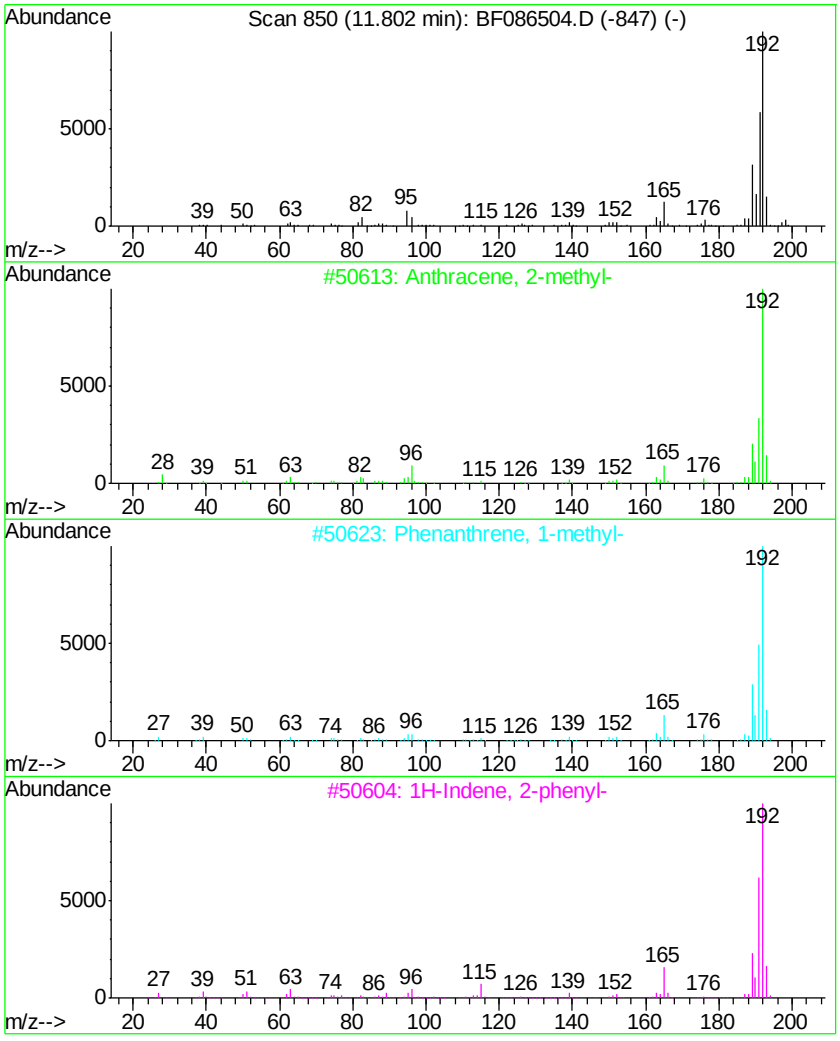
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

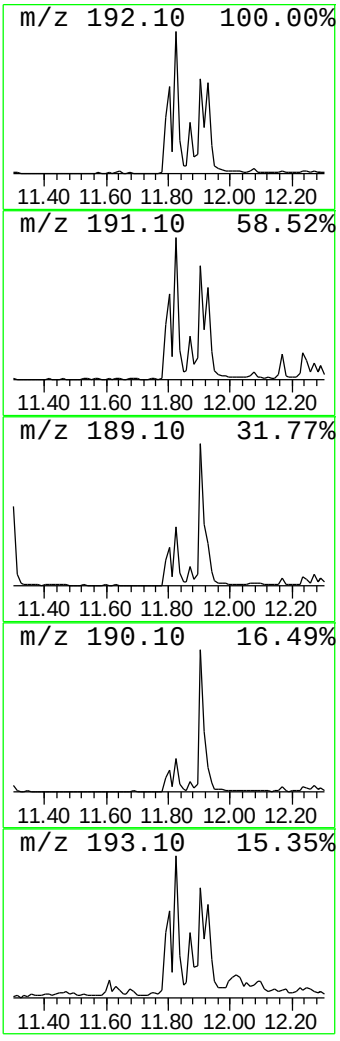
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	6.04 ng	395395	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
Data File : BF086504.D
Acq On : 29 Apr 2016 20:55
Operator : UM/SJ
Sample : H2757-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3(2-4)

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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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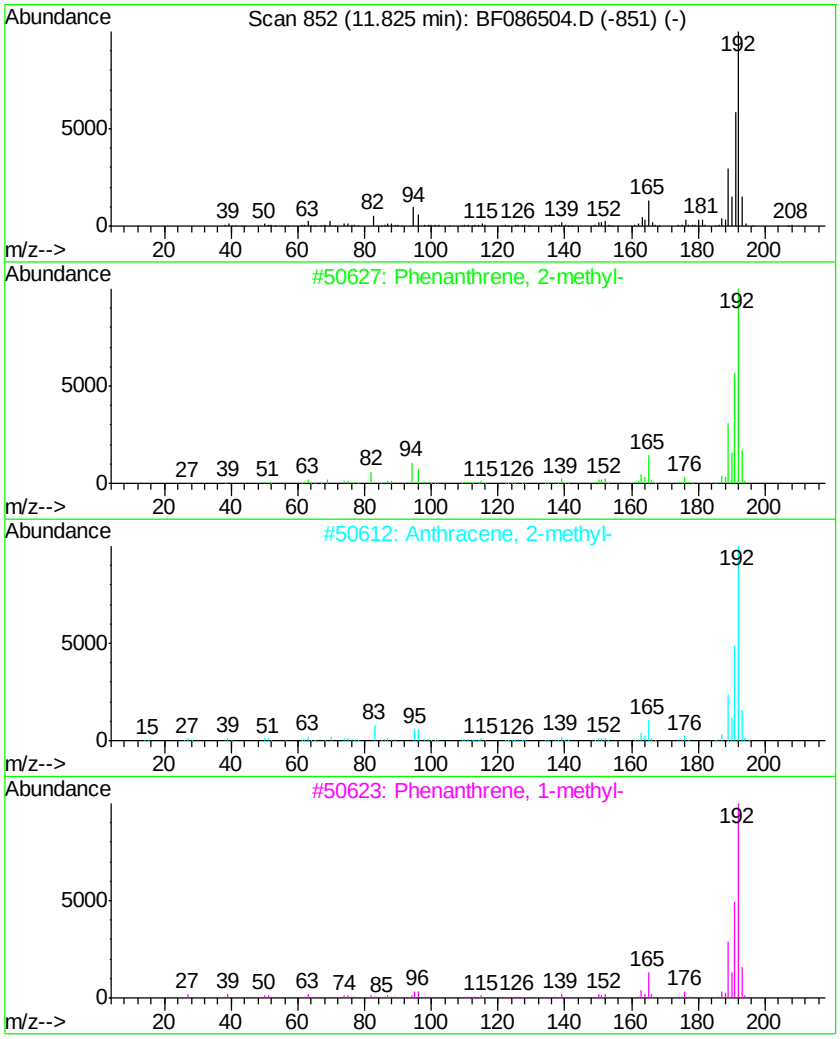
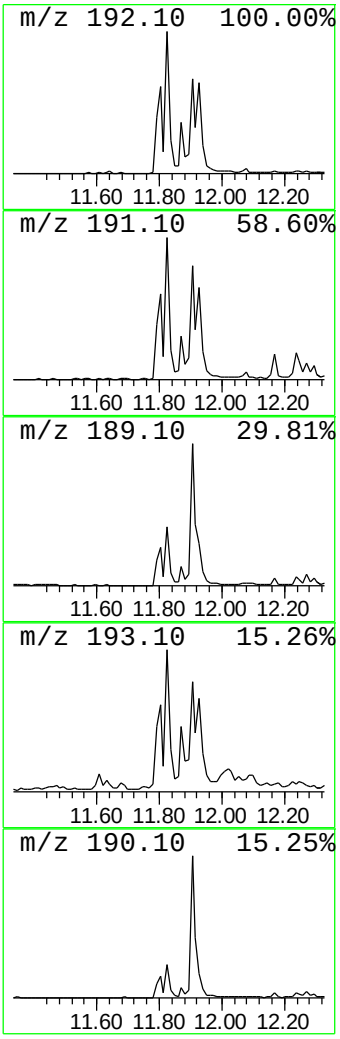
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	5.93 ng	388568	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	93





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Acq On : 29 Apr 2016 20:55
Operator : UM/SJ
Sample : H2757-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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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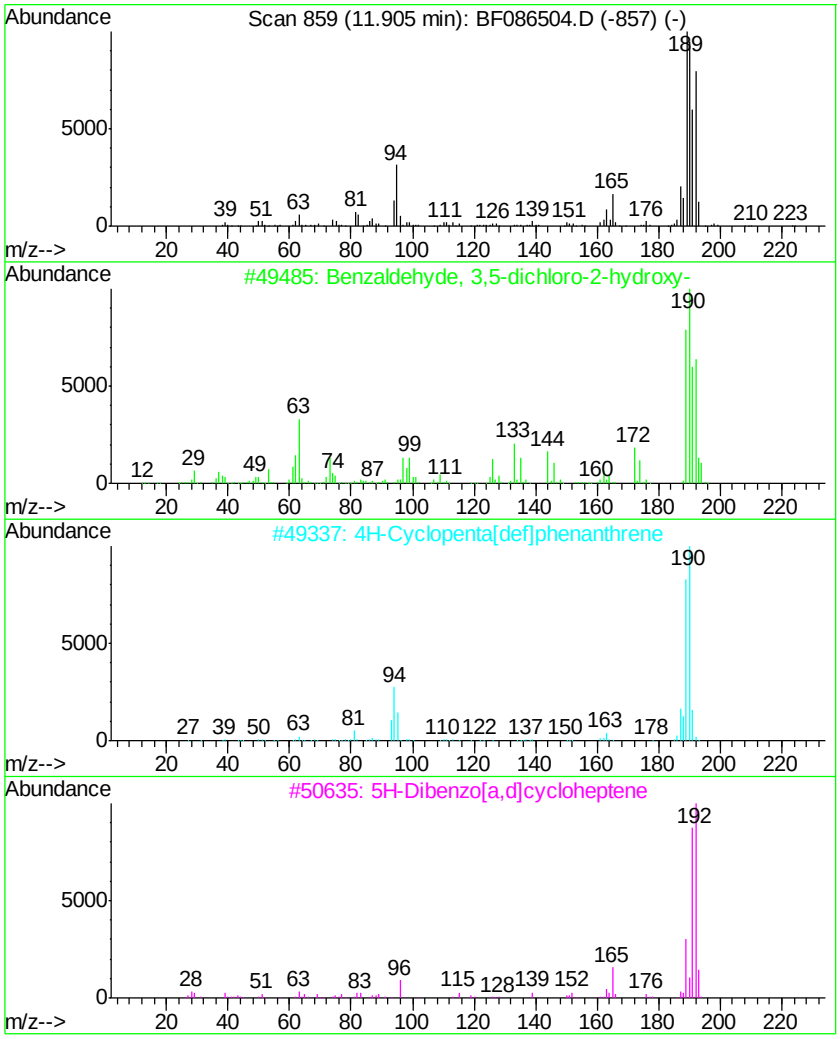
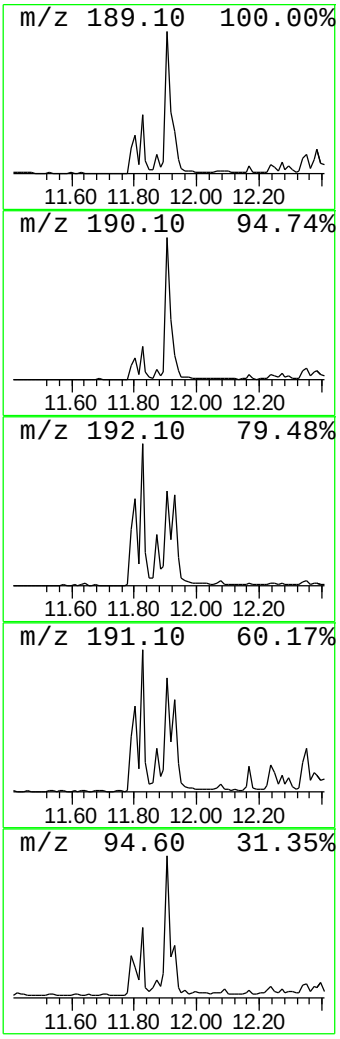
Peak Number 8 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	14.34 ng	939285	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	38
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38





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Sample : H2757-03
Misc :
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Instrument : BNA_F
ClientSampleId : B3(2-4)

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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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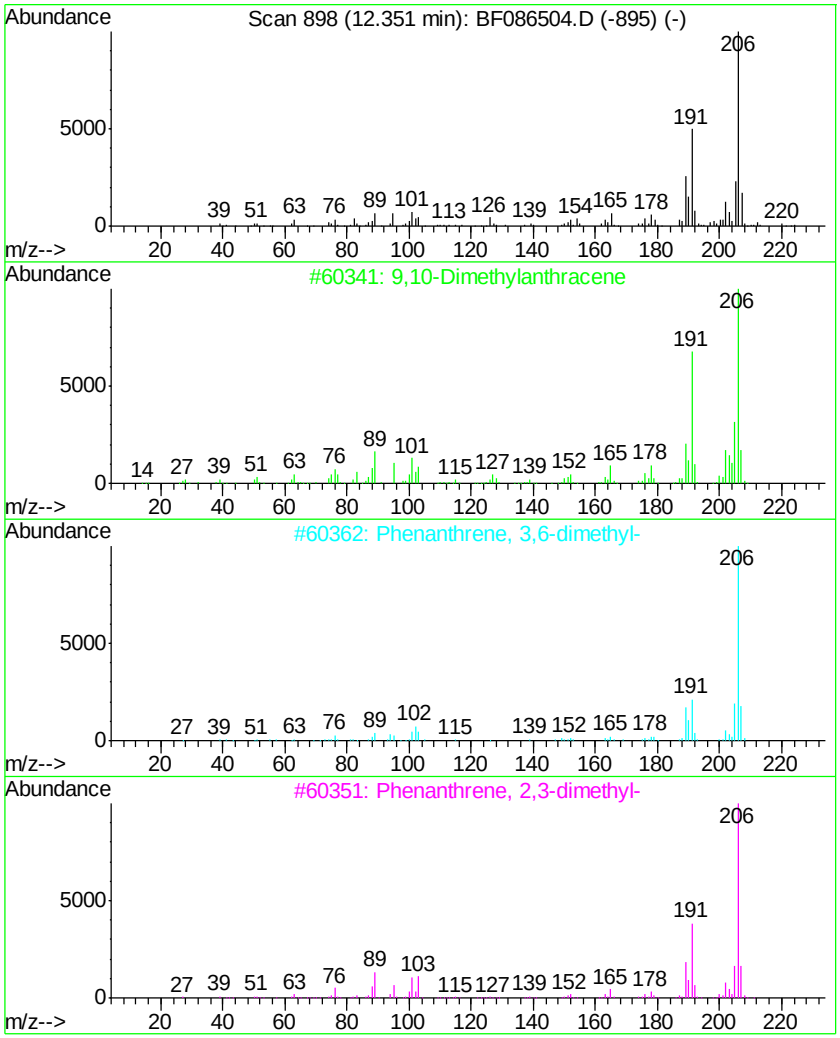
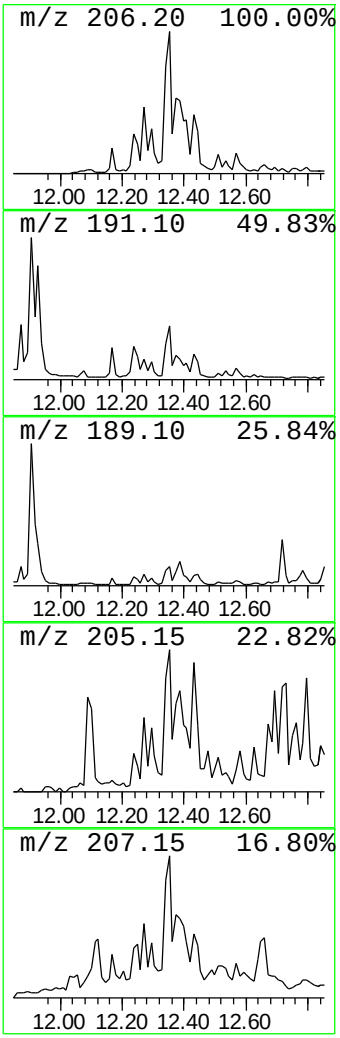
Peak Number 9 9,10-Dimethylanthracene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	4.20 ng	274827	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	83





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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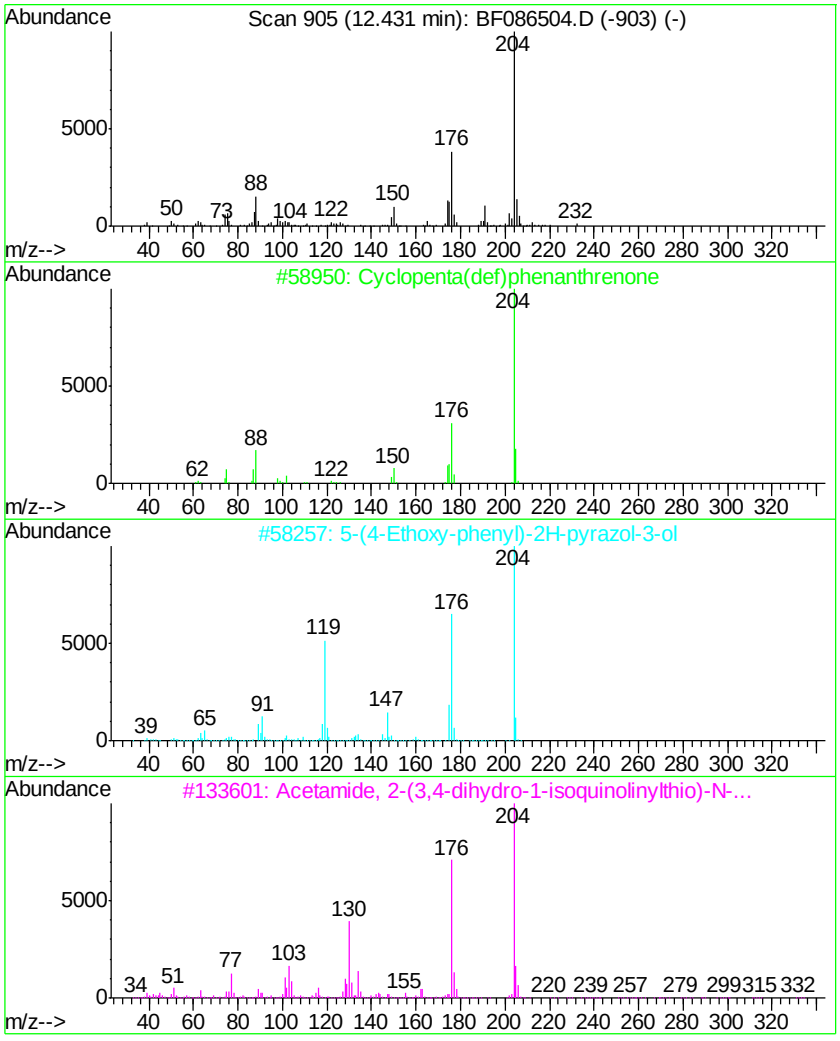
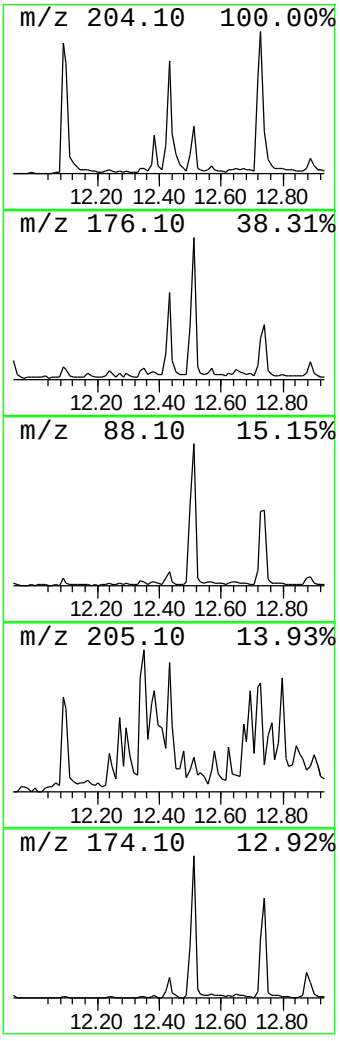
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	3.69 ng	241402	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	59
3	Acetamide, 2-(3,4-dihydro-1-isoq...	332	C17H14F2N2OS	1000270-76-1	53
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
5	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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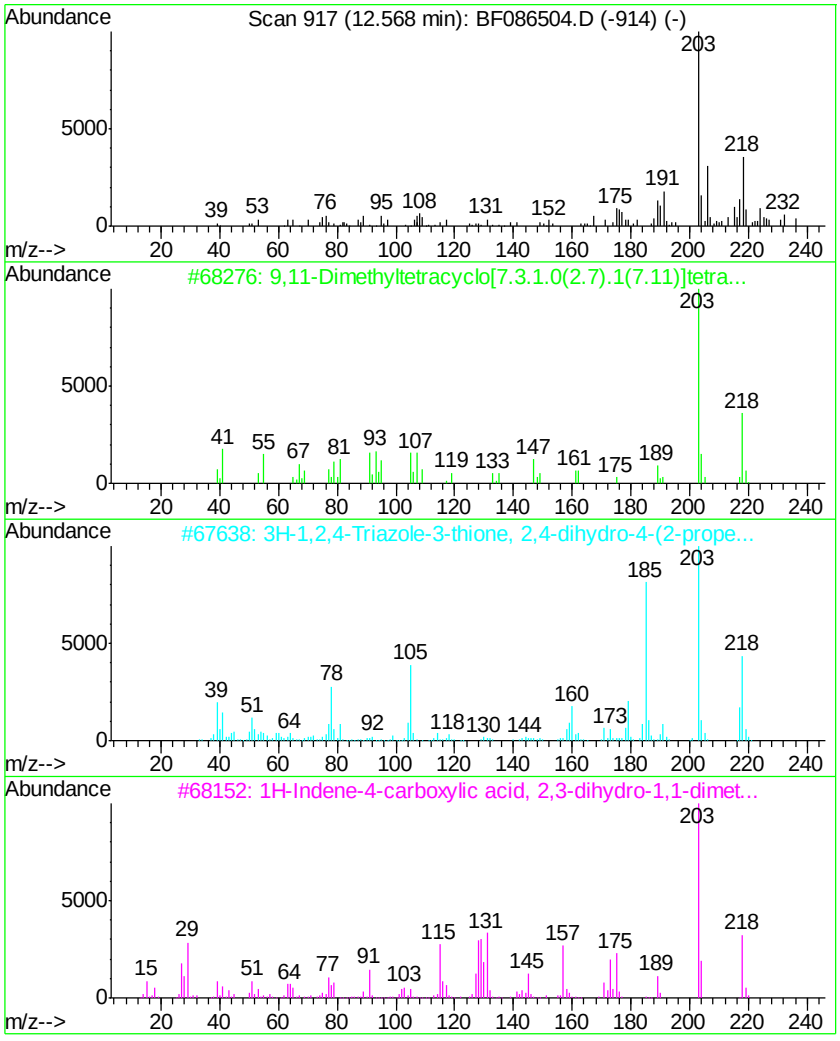
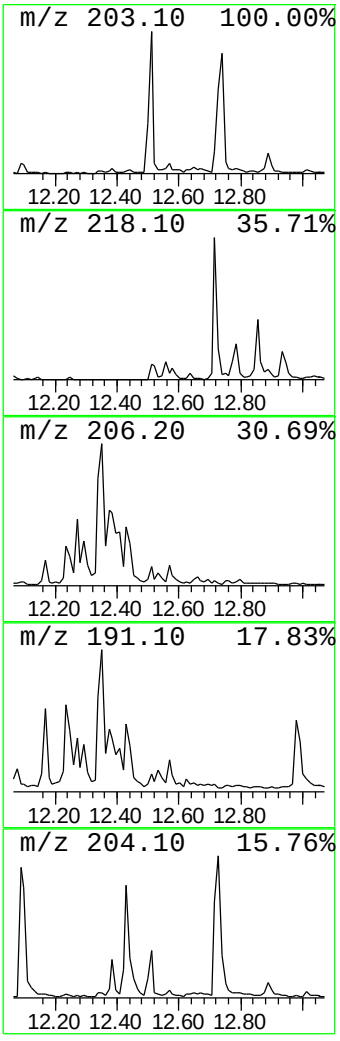
Peak Number 11 9,11-Dimethyltetracyclo[7.3... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	3.52 ng	230796	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,11-Dimethyltetracyclo[7.3.1.0(...	218	C16H26	053263-99-3	50
2	3H-1,2,4-Triazole-3-thione, 2,4-...	218	C10H10N4S	091813-63-7	50
3	1H-Indene-4-carboxylic acid, 2,3...	218	C14H18O2	055591-12-3	47
4	Ar-himachalen-2-ol	218	C15H22O	119660-66-1	47
5	2,6-Lutidine 3,5-dichloro-4-ethy...	218	C9H12Cl2N2	1000252-91-4	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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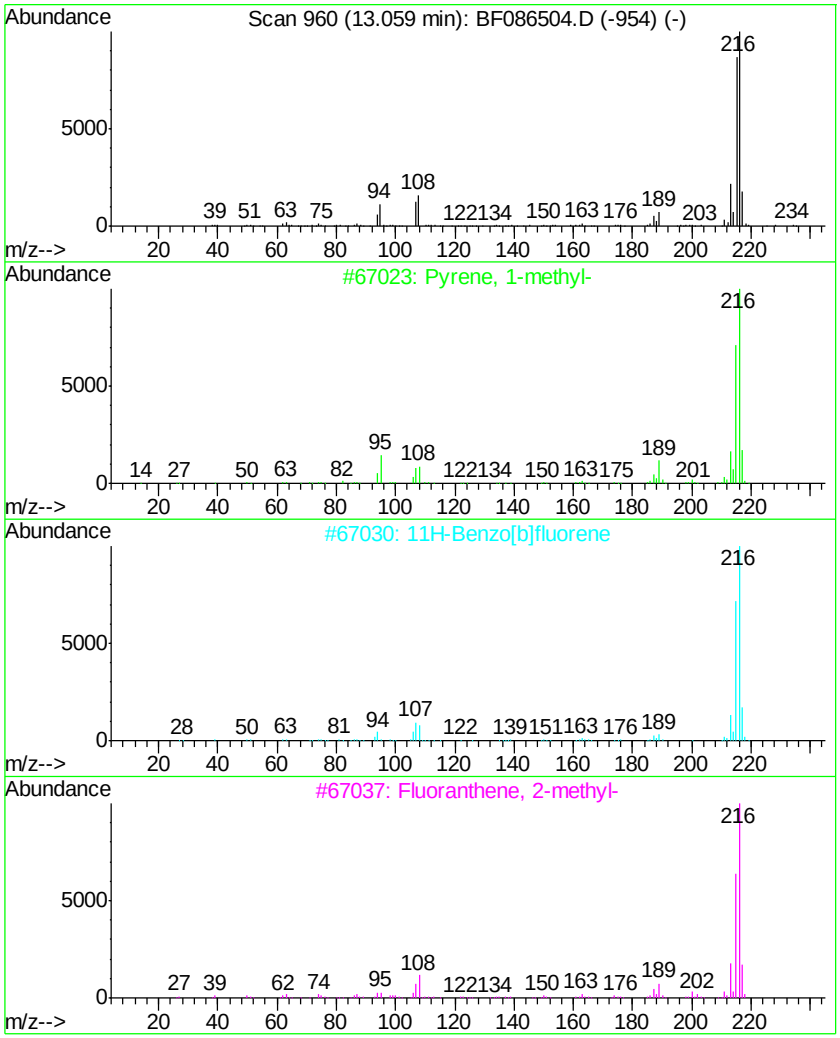
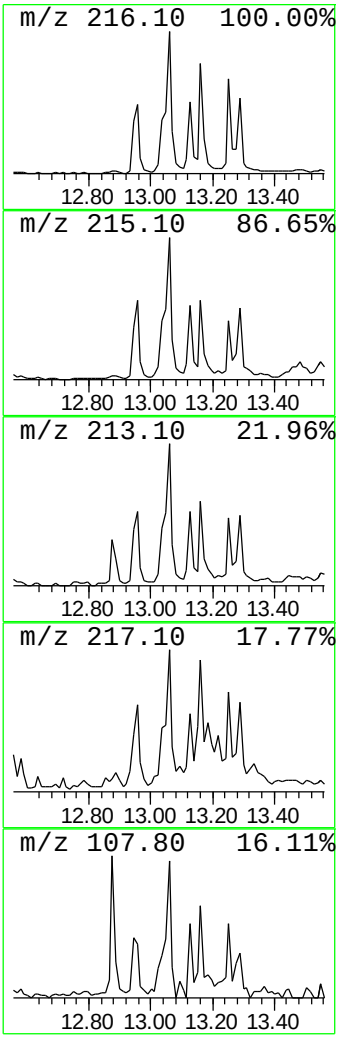
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	4.46 ng	546085	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	58





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Misc :
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Instrument : BNA_F
ClientSampleId : B3(2-4)

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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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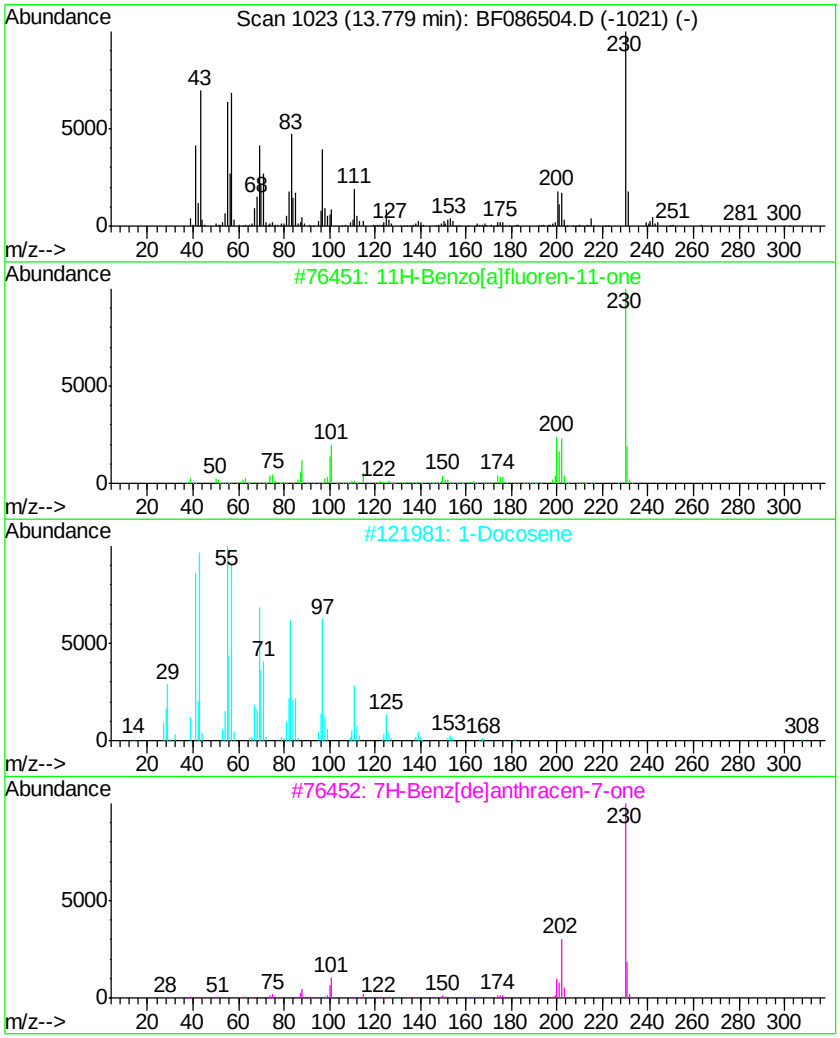
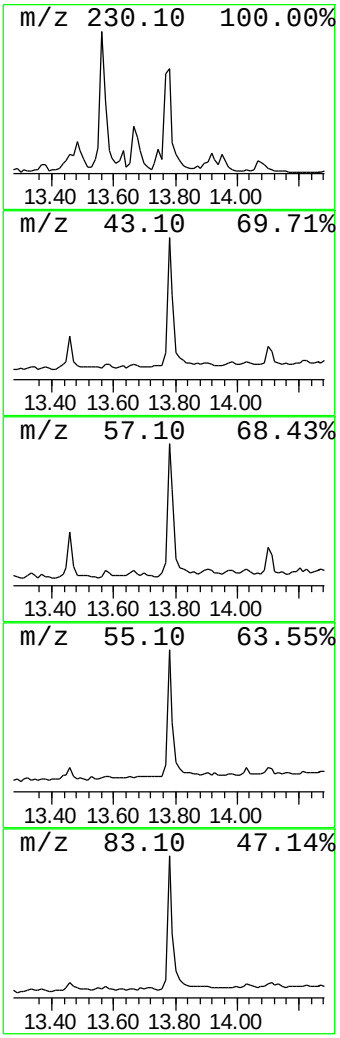
Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	4.46 ng	546215	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	89
2	1-Docosene	308	C22H44	001599-67-3	87
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	53
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	50
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	50





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Misc :
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Instrument : BNA_F
ClientSampleId : B3(2-4)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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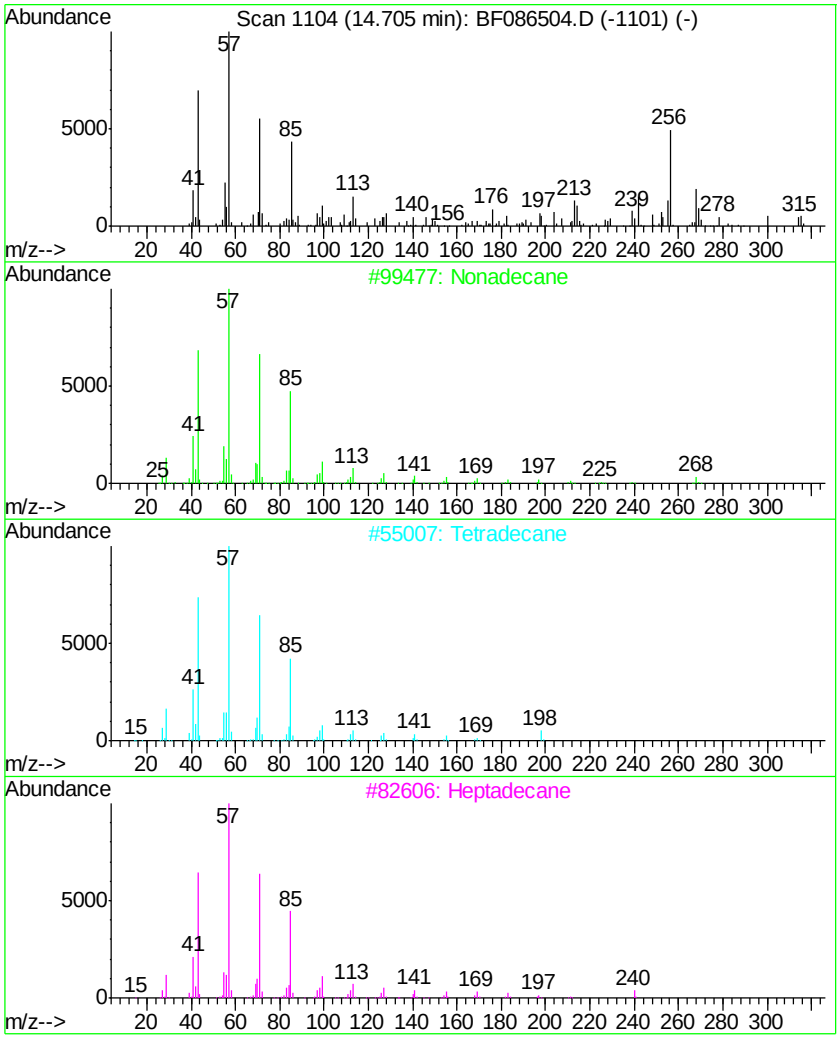
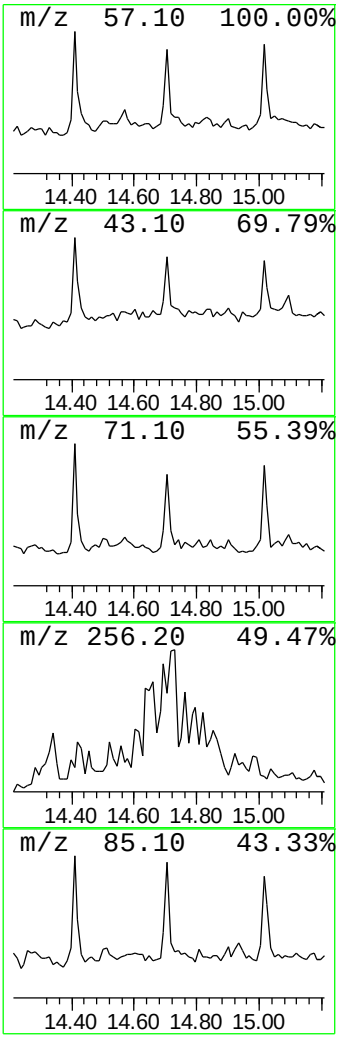
Peak Number 14 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	4.53 ng	150209	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	50
2	Tetradecane	198	C14H30	000629-59-4	46
3	Heptadecane	240	C17H36	000629-78-7	46
4	Eicosane	282	C20H42	000112-95-8	41
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	41





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3(2-4)

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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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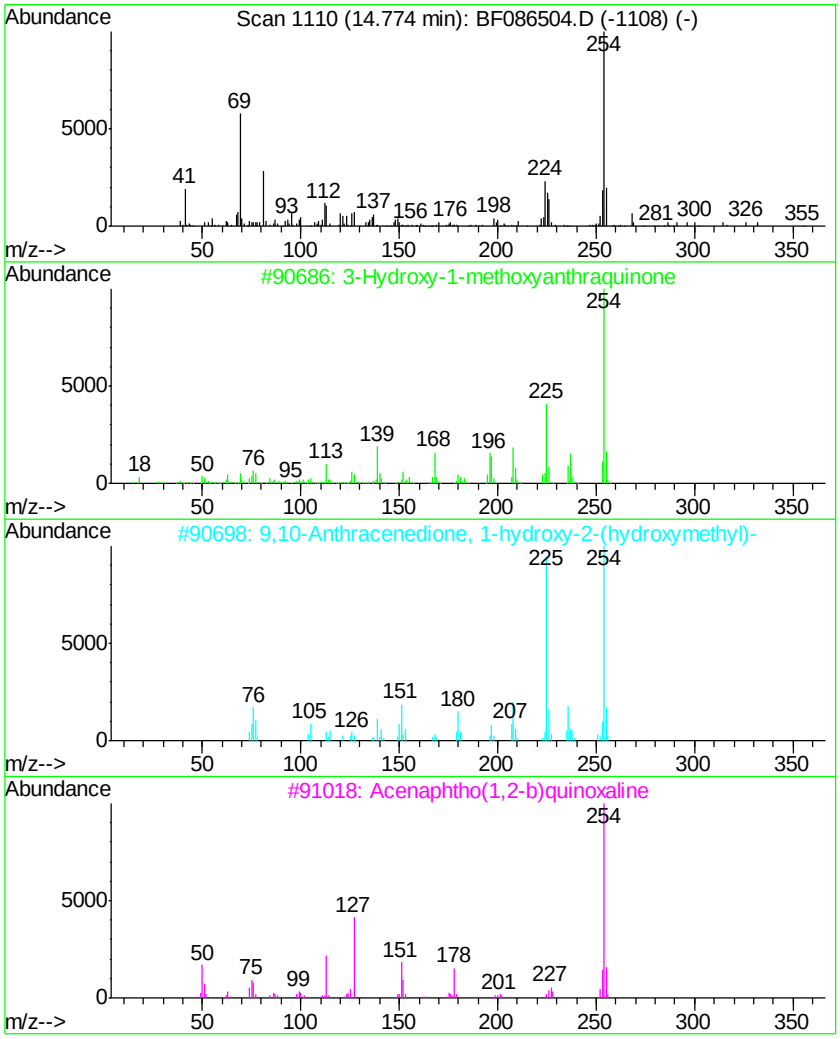
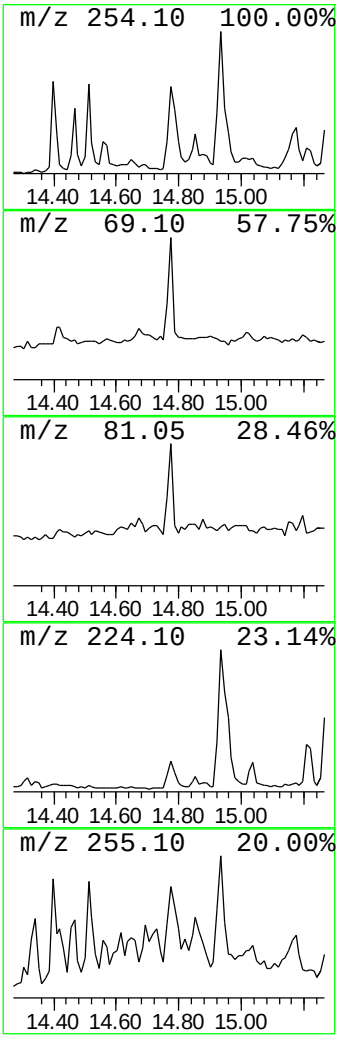
Peak Number 15 3-Hydroxy-1-methoxyanthraqu... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	5.54 ng	183727	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	64
2	9,10-Anthracenedione, 1-hydroxy-...	254	C15H10O4	024094-45-9	59
3	Acenaphtho(1,2-b)quinoxaline	254	C18H10N2	000207-11-4	53
4	9,10-Anthracenedione, 1,8-dihydr...	254	C15H10O4	000481-74-3	53
5	2,6-Di(2-furylmethylidene)cycloh...	254	C16H14O3	000893-00-5	52





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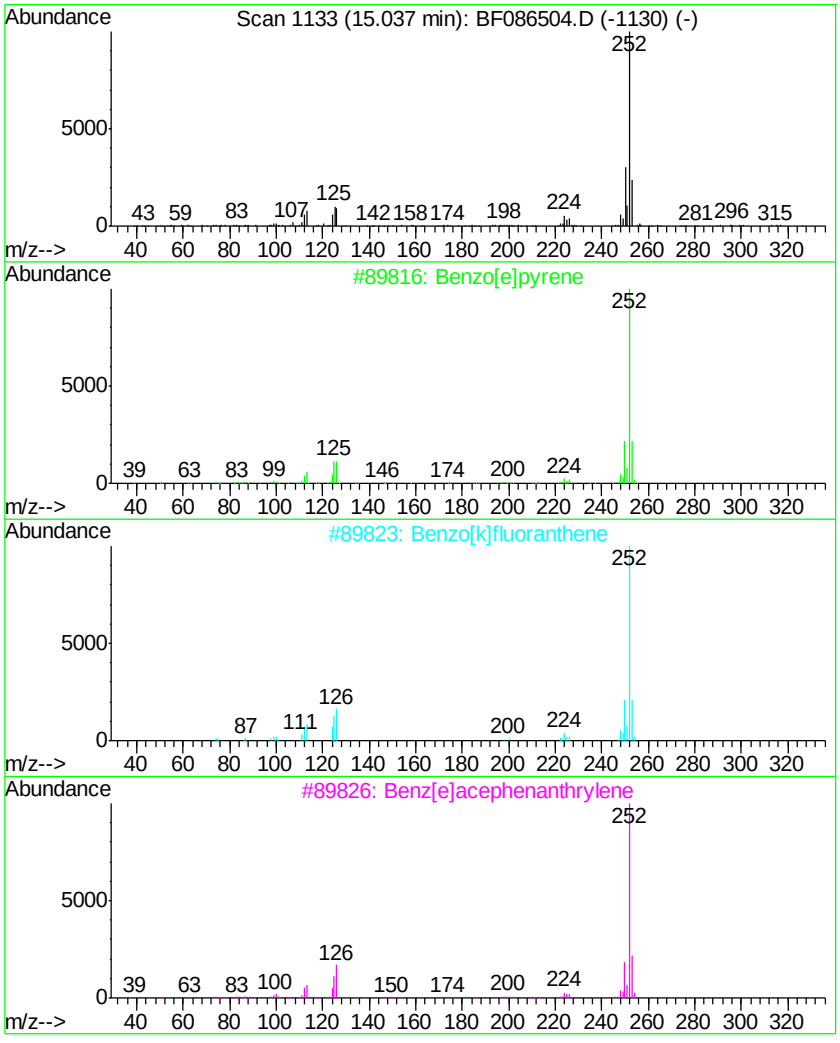
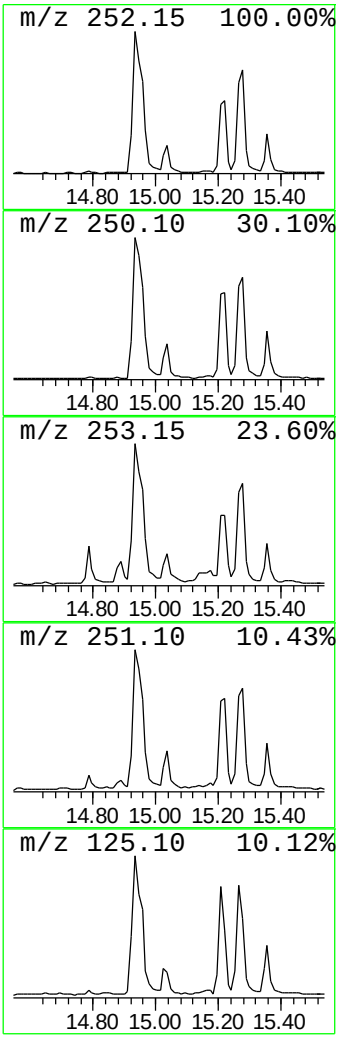
Peak Number 16 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	6.25 ng	207352	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	81





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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId : B3(2-4)

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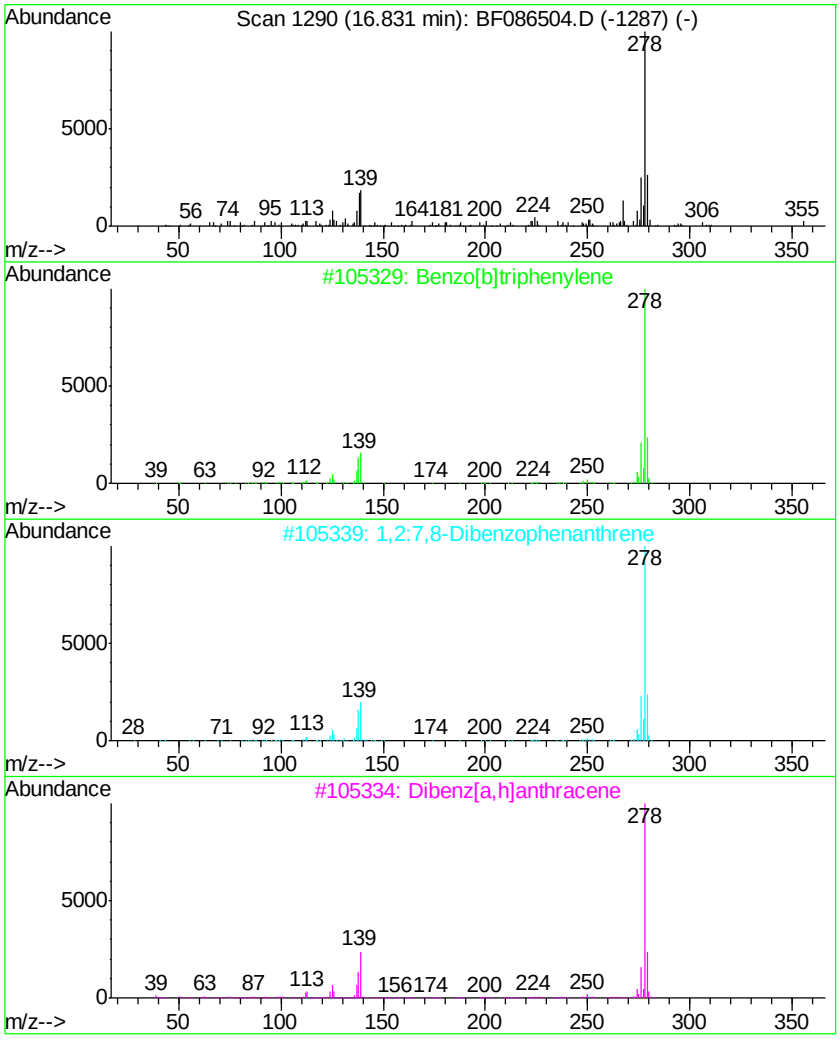
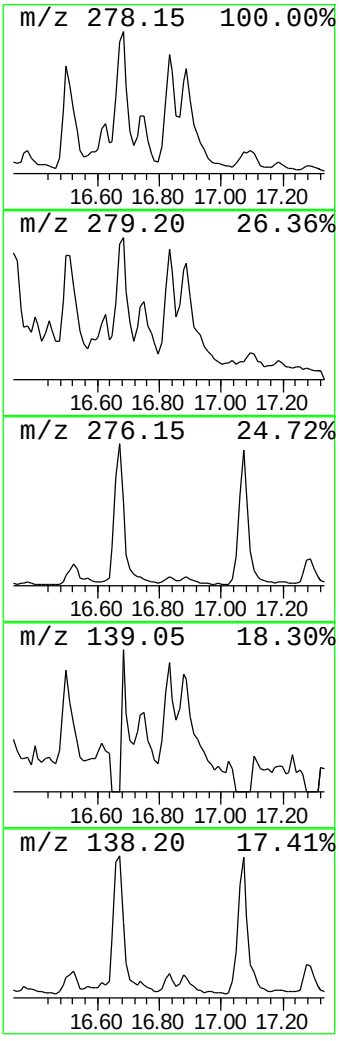
Peak Number 19 Benzo[b]triphenylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	3.56 ng	118194	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	98
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	95
4	Benzo[b]chrysene	278	C22H14	000214-17-5	95
5	Benzo[a]naphthacene	278	C22H14	000226-88-0	95





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3(2-4)

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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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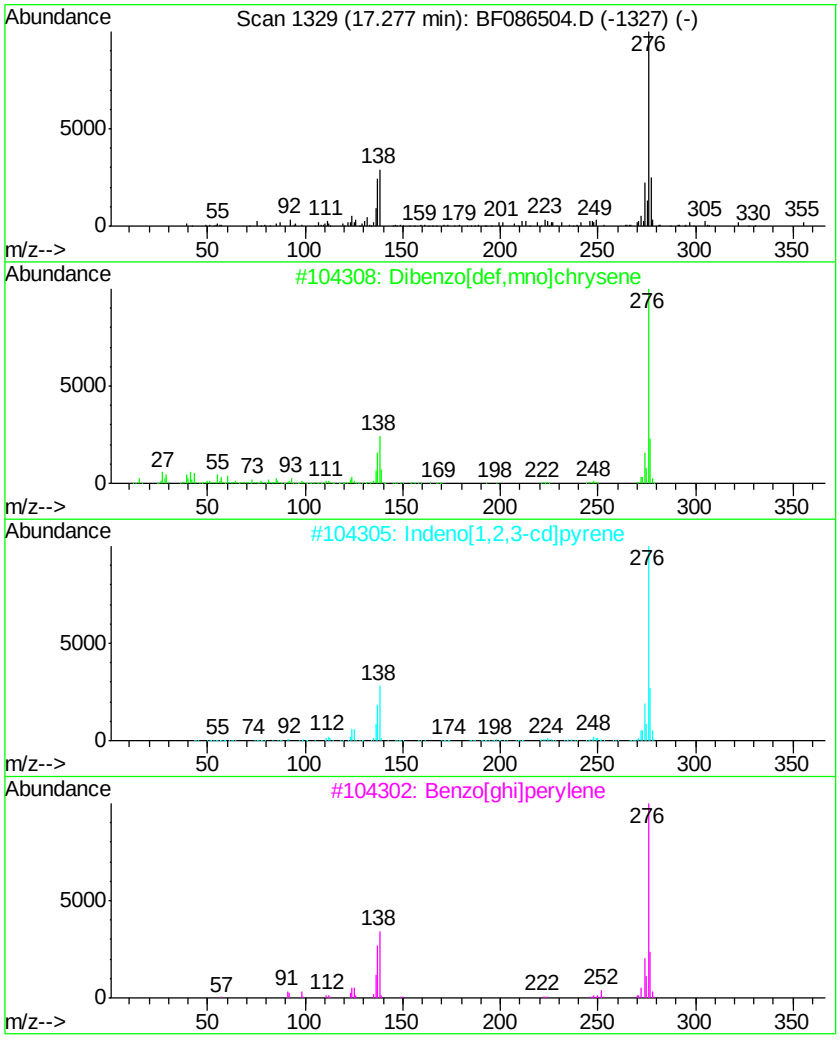
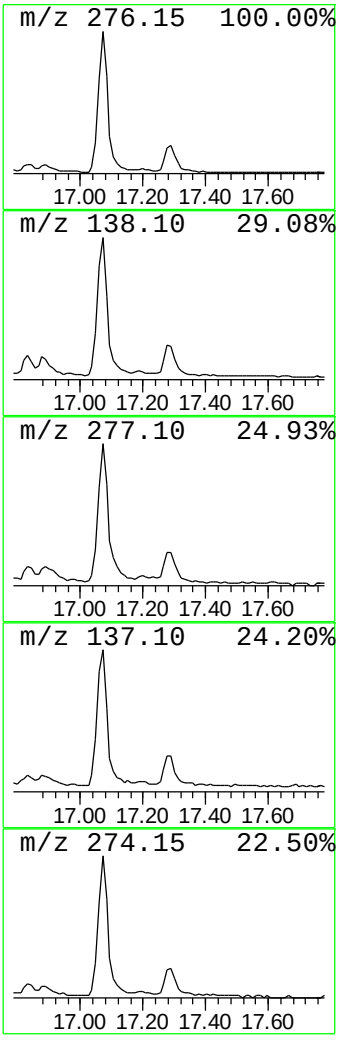
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	5.04 ng	167266	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	94
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	91
3	Benzo[ghi]perylene	276	C22H12	000191-24-2	91
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	87
5	1H-Cyclopenta[4,5]pyrido[1,2-a]b...	276	C17H16N4	329707-31-5	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042916\
Data File : BF086504.D
Acq On : 29 Apr 2016 20:55
Operator : UM/SJ
Sample : H2757-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.94	4.0	ng	205635	1	6.77	1016420	20.0
unknown6.54	6.54	51.9	ng	2638110	1	6.77	1016420	20.0
3-Methyl-4-(metho...	10.73	3.8	ng	246059	4	11.30	1309900	20.0
Dibenzothiophene	11.20	6.8	ng	445520	4	11.30	1309900	20.0
Anthracene, 2-met...	11.80	6.0	ng	395395	4	11.30	1309900	20.0
Phenanthrene, 2-m...	11.83	5.9	ng	388568	4	11.30	1309900	20.0
Benzaldehyde, 3,5...	11.91	14.3	ng	939285	4	11.30	1309900	20.0
9,10-Dimethylanth...	12.35	4.2	ng	274827	4	11.30	1309900	20.0
Cyclopenta(def)ph...	12.43	3.7	ng	241402	4	11.30	1309900	20.0
9,11-Dimethyltetr...	12.57	3.5	ng	230796	4	11.30	1309900	20.0
Pyrene, 1-methyl-	13.06	4.5	ng	546085	5	13.93	2450640	20.0
11H-Benzo[a]fluor...	13.78	4.5	ng	546215	5	13.93	2450640	20.0
Nonadecane	14.71	4.5	ng	150209	6	15.33	663246	20.0
3-Hydroxy-1-metho...	14.77	5.5	ng	183727	6	15.33	663246	20.0
Benzo[e]pyrene	15.04	6.3	ng	207352	6	15.33	663246	20.0
Benzo[b]triphenylene	16.83	3.6	ng	118194	6	15.33	663246	20.0
Dibenzo[def,mno]c...	17.28	5.0	ng	167266	6	15.33	663246	20.0