LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090888.D
Acq On : 28 Oct 2016 1:08
Operator : UM/SJ
Sample : H5423-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3COMP(0-16FEET)

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-BF102616.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	3.035	82	83	97	rBV3	21415	100212	2.18%	0.169%
2	3.653	134	137	142	rBV	45665	81284	1.76%	0.137%
3	4.258	187	190	194	rBV	233276	320535	6.96%	0.539%
4	4.944	247	250	266	rBV	810574	1264477	27.46%	2.127%
5	5.207	271	273	276	rBV	146002	206791	4.49%	0.348%
6	5.379	285	288	290	rVB	3789958	4605429	100.00%	7.748%
7	5.436	292	293	299	rVB	44532	53076	1.15%	0.089%
8	5.596	304	307	312	rVB	114092	114802	2.49%	0.193%
9	6.293	367	368	370	rBV	65719	54593	1.19%	0.092%
10	6.373	373	375	376	rBV	52306	53468	1.16%	0.090%
11	6.419	376	379	382	rBV	3445964	4540180	98.58%	7.638%
12	6.544	387	390	392	rVV	4567276	4561177	99.04%	7.674%
13	6.602	392	395	399	rVB2	96540	160325	3.48%	0.270%
14	6.773	408	410	414	rBV	947060	882868	19.17%	1.485%
15	6.853	416	417	419	rVB	103134	82344	1.79%	0.139%
16	6.933	422	424	426	rBV	3939979	3777037	82.01%	6.354%
17	7.196	444	447	449	rBV	581858	659155	14.31%	1.109%
18	7.344	457	460	462	rBV	2313064	2401447	52.14%	4.040%
19	7.802	498	500	502	rBV2	51533	68779	1.49%	0.116%
20	7.836	502	503	509	rVB	109260	174461	3.79%	0.294%
21	8.065	520	523	527	rBV2	934395	1198888	26.03%	2.017%
22	8.419	552	554	559	rBV	47884	72451	1.57%	0.122%
23	8.773	583	585	589	rBV	49962	48547	1.05%	0.082%
24	8.876	592	594	596	rBV	68462	71697	1.56%	0.121%
25	9.139	614	617	620	rBV	4125915	3824433	83.04%	6.434%
26	9.470	644	646	650	rBV	62384	110505	2.40%	0.186%
27	9.539	650	652	654	rVV	1528885	1355222	29.43%	2.280%
28	9.585	654	656	659	rVV2	30661	63831	1.39%	0.107%
29	9.676	662	664	666	rVB	62362	61156	1.33%	0.103%
30	9.813	674	676	678	rBV	1279481	1093947	23.75%	1.840%
31	9.848	678	679	681	rVB	254731	188199	4.09%	0.317%
32	10.019	692	694	696	rBV	70805	63710	1.38%	0.107%
33	10.133	701	704	708	rBV3	30817	84087	1.83%	0.141%
34	10.259	713	715	717	rVV2	46960	60172	1.31%	0.101%

LSC Area Percent Report

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Acq On : 28 Oct 2016 1:08
Operator : UM/SJ
Sample : H5423-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3COMP(0-16FEET)

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-BF102616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.362	721	724	727	rVB	160551	175586	3.81%	0.295%
36	10.522	736	738	740	rVB	37398	46408	1.01%	0.078%
37	10.602	742	745	747	rVV	2296775	2157875	46.86%	3.630%
38	10.728	754	756	760	rVB	113875	133708	2.90%	0.225%
39	10.819	760	764	766	rBV3	42306	101397	2.20%	0.171%
40	10.911	768	772	776	rBV2	39800	94213	2.05%	0.159%
41	11.059	780	785	788	rBV3	34643	93224	2.02%	0.157%
42	11.173	791	795	796	rBV3	84644	143167	3.11%	0.241%
43	11.299	804	806	807	rBV	746881	902881	19.60%	1.519%
44	11.322	807	808	810	rVV	821247	618985	13.44%	1.041%
45	11.368	810	812	814	rVB	182767	194435	4.22%	0.327%
46	11.528	824	826	827	rBV	61775	68994	1.50%	0.116%
47	11.596	831	832	834	rBV2	71304	68729	1.49%	0.116%
48	11.688	838	840	844	rVB3	29763	50229	1.09%	0.085%
49	11.802	847	850	851	rBV	96083	136595	2.97%	0.230%
50	11.825	851	852	854	rBV	161732	140459	3.05%	0.236%
51	11.871	854	856	858	rBV	70690	91231	1.98%	0.153%
52	11.905	858	859	864	rVB2	185481	337434	7.33%	0.568%
53	12.008	864	868	869	rBV3	71174	125178	2.72%	0.211%
54	12.042	869	871	873	rBV	145080	137812	2.99%	0.232%
55	12.088	873	875	879	rBV3	59662	125328	2.72%	0.211%
56	12.156	879	881	884	rVB2	49967	65872	1.43%	0.111%
57	12.248	886	889	890	rBV2	105346	125287	2.72%	0.211%
58	12.351	897	898	900	rBV	66325	72864	1.58%	0.123%
59	12.396	900	902	904	rVB2	59013	93800	2.04%	0.158%
60	12.511	910	912	914	rBV	1377245	1164720	25.29%	1.959%
61	12.556	914	916	919	rVB2	173887	189233	4.11%	0.318%
62	12.602	919	920	922	rBV	51570	49375	1.07%	0.083%
63	12.739	929	932	934	rBV	943628	1235343	26.82%	2.078%
64	12.854	940	942	943	rBV	99604	120189	2.61%	0.202%
65	12.888	943	945	947	rVV	2865263	2827013	61.38%	4.756%
66	12.956	949	951	955	rVV4	91875	161591	3.51%	0.272%
67	13.025	955	957	958	rVV	136894	215587	4.68%	0.363%
68	13.059	958	960	962	rVV	135821	226956	4.93%	0.382%
69	13.128	964	966	968	rVV	148168	172459	3.74%	0.290%
70	13.162	968	969	973	rVB2	123006	204833	4.45%	0.345%
71	13.254	976	977	979	rBV	53362	76765	1.67%	0.129%

LSC Area Percent Report

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

72	13.585	1004	1006	1008	rVB2	252885	233610	5.07%	0.393%
73	13.688	1012	1015	1016	rBV2	72878	144086	3.13%	0.242%
74	13.711	1016	1017	1018	rVV	113592	99801	2.17%	0.168%
75	13.791	1022	1024	1027	rVB2	420964	484562	10.52%	0.815%
76	13.928	1033	1036	1041	rBV3	1074048	2409042	52.31%	4.053%
77	14.042	1044	1046	1047	rVB	82757	92071	2.00%	0.155%
78	14.237	1061	1063	1066	rVB3	288426	279545	6.07%	0.470%
79	14.317	1068	1070	1072	rBV	113843	170730	3.71%	0.287%
80	14.419	1077	1079	1082	rBV3	176848	347632	7.55%	0.585%
81	14.854	1115	1117	1119	rVB2	151197	182599	3.96%	0.307%
82	14.945	1123	1125	1130	rBV	532945	1135417	24.65%	1.910%
83	15.048	1133	1134	1136	rVB2	125592	135947	2.95%	0.229%
84	15.231	1148	1150	1153	rVB	347108	429205	9.32%	0.722%
85	15.288	1153	1155	1158	rBV	523056	623811	13.55%	1.049%
86	15.345	1158	1160	1170	rVB2	677253	1199452	26.04%	2.018%
87	15.482	1170	1172	1173	rBV	77025	107518	2.33%	0.181%
88	16.705	1276	1279	1284	rVB2	158725	344930	7.49%	0.580%
89	17.105	1312	1314	1319	rVB	115804	241201	5.24%	0.406%
90	17.243	1324	1326	1329	rVV3	88688	186378	4.05%	0.314%
91	17.323	1329	1333	1338	rVB2	825314	1858740	40.36%	3.127%
92	17.551	1348	1353	1360	rBV	920421	2388410	51.86%	4.018%
93	19.140	1487	1492	1502	rVB4	267397	940058	20.41%	1.582%

Sum of corrected areas: 59439785

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090888.D
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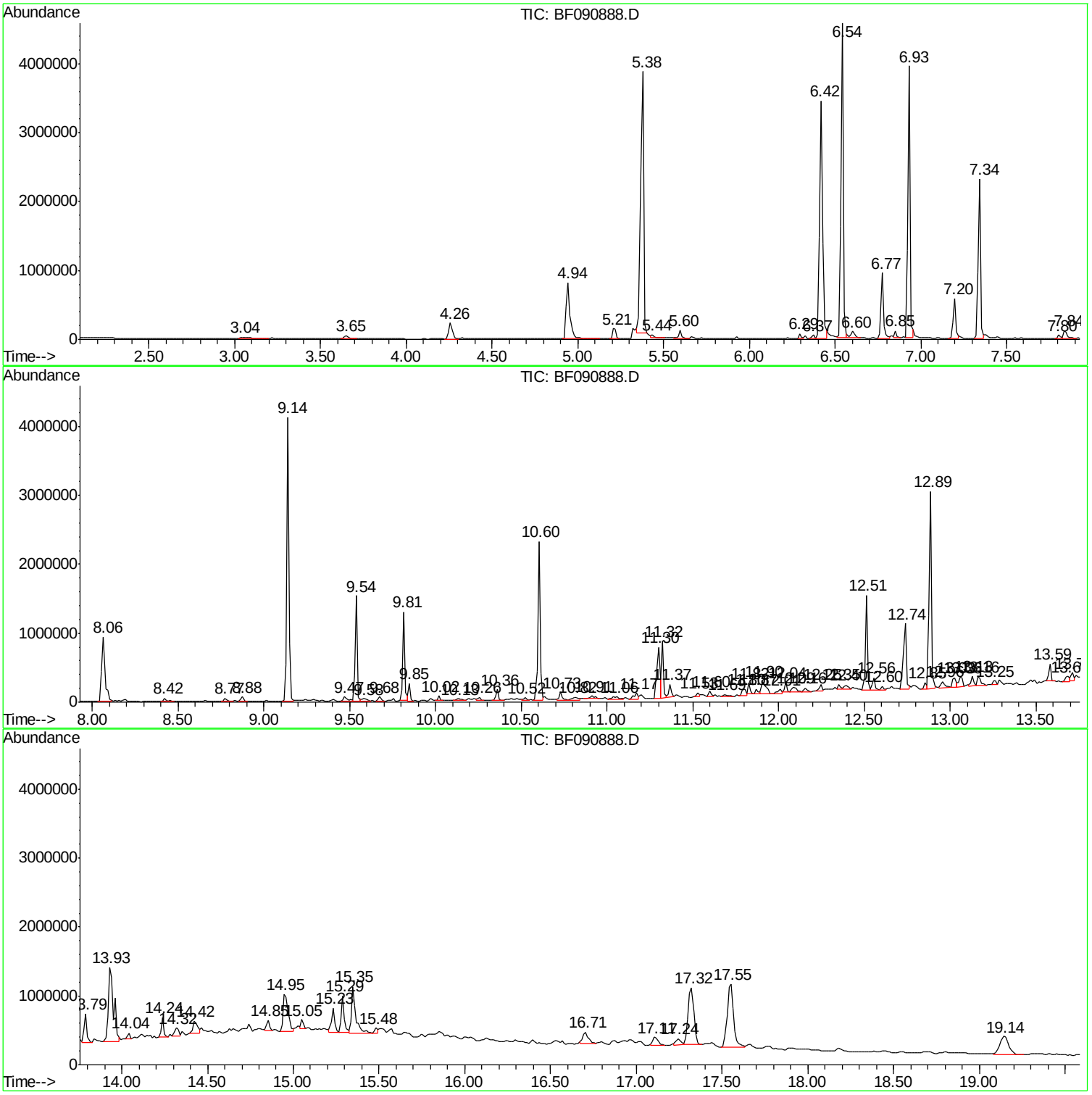
Operator : UM/SJ
Sample : H5423-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3COMP(0-16FEET)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090888.D
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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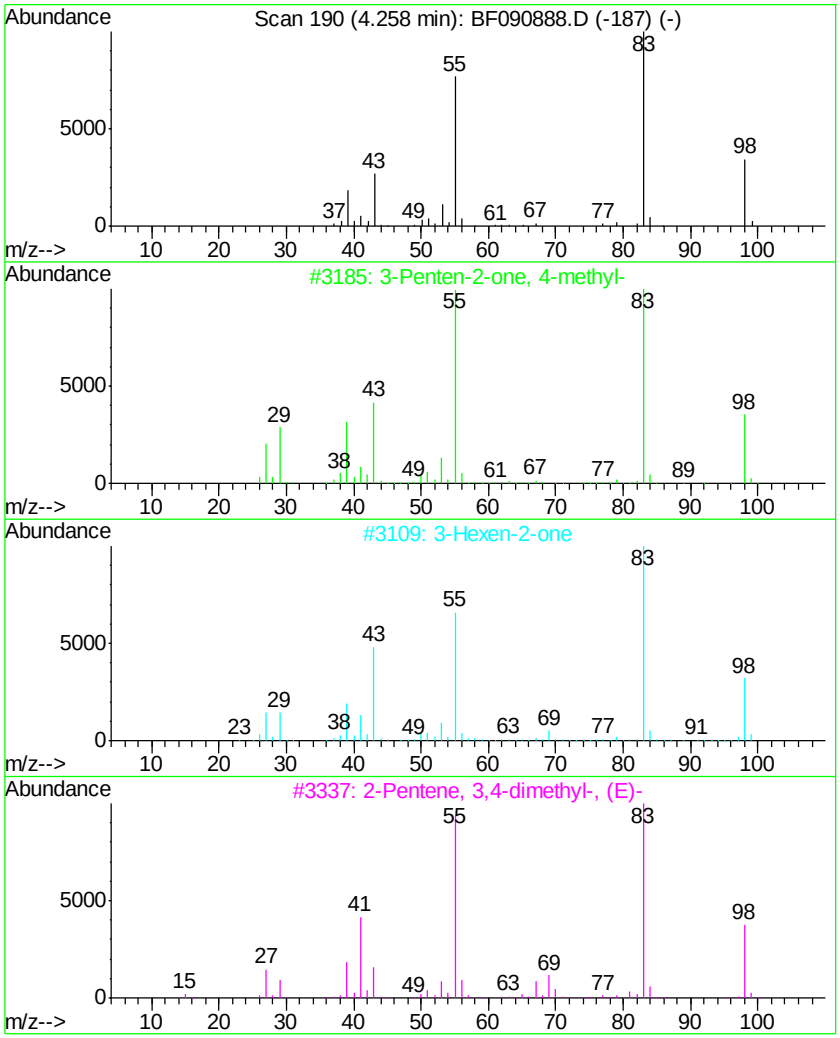
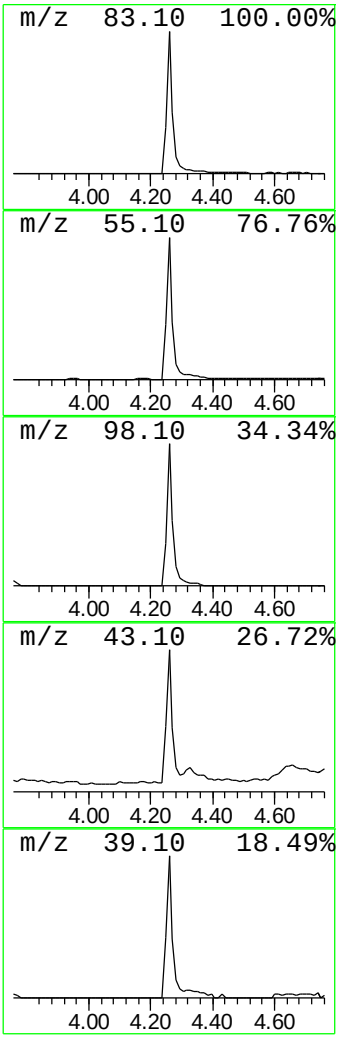
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.26	7.26 ng	320535	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	90
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
4	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	83
5	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	78





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Data File : BF090888.D
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Operator : UM/SJ
Sample : H5423-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3COMP(0-16FEET)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

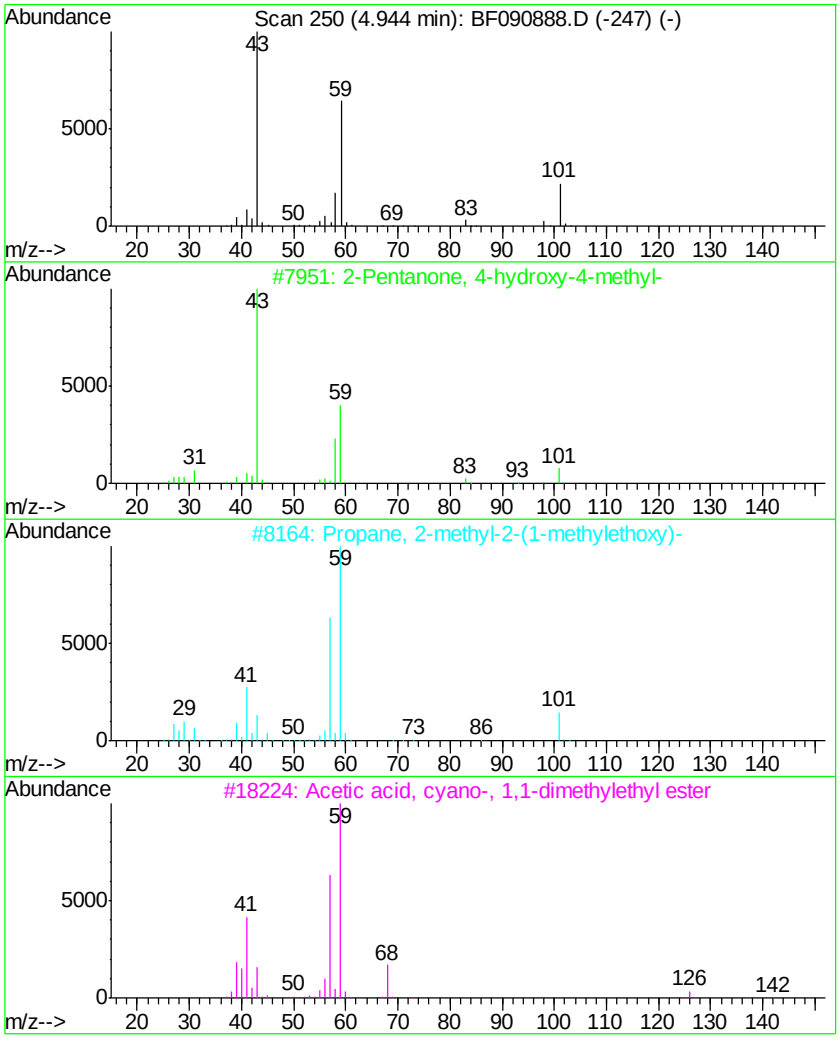
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

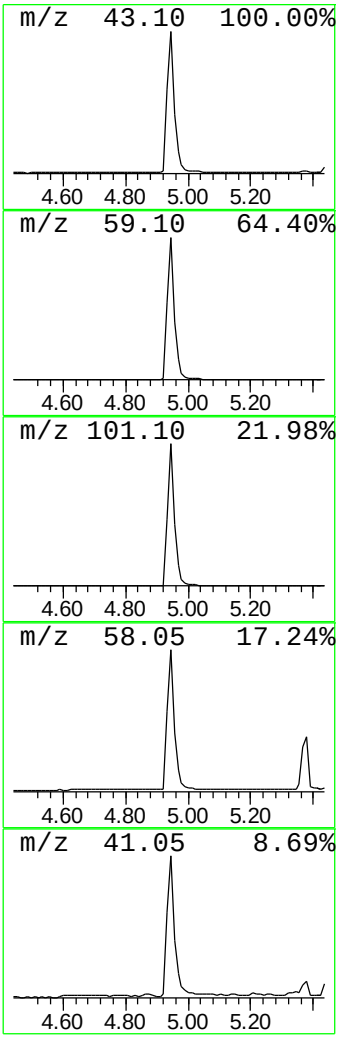
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	28.64 ng	1264480	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	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Guanidine	59	CH5N3	000113-00-8	9
5	Acetone	58	C3H6O	000067-64-1	9





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Instrument : BNA_F
ClientSampleId : SB-3COMP(0-16FEET)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
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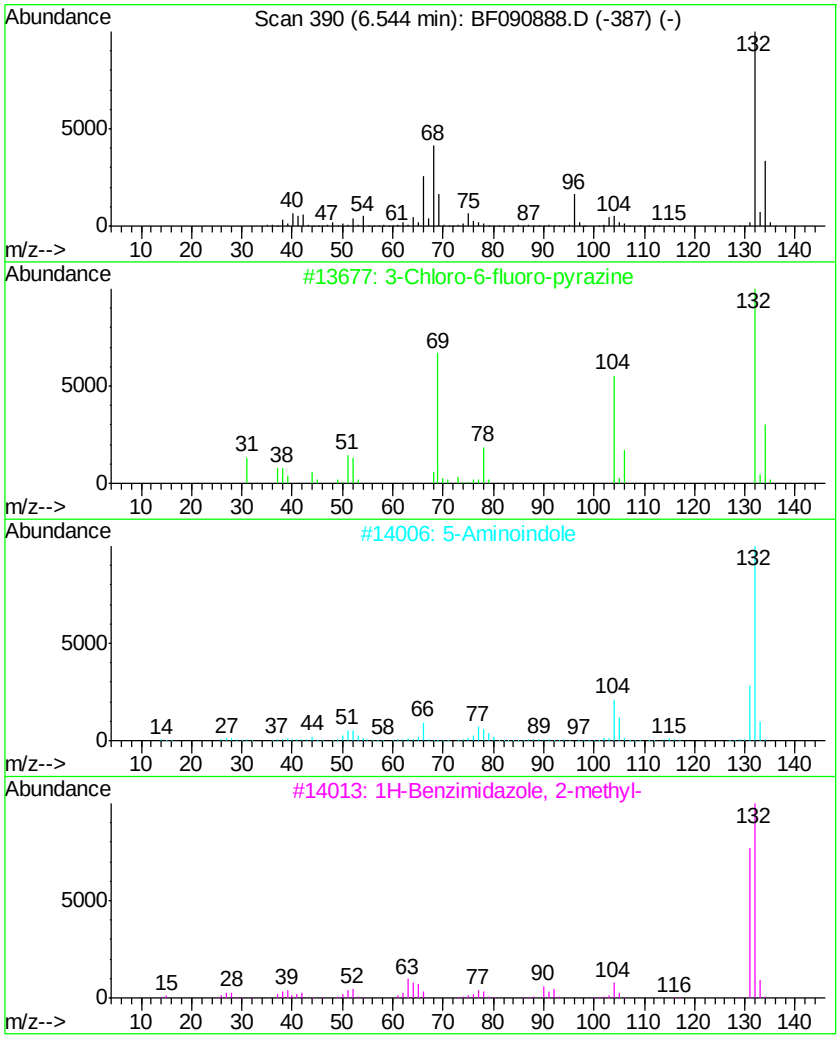
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

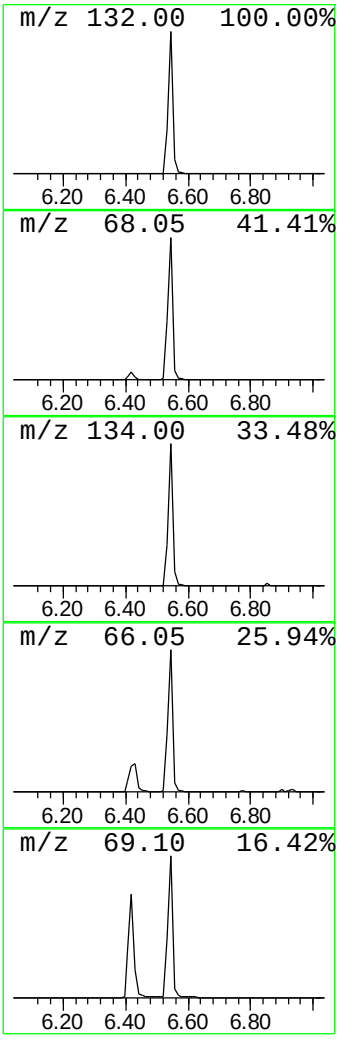
****

Peak Number 4 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	103.33 ng	4561180	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	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Instrument : BNA_F
ClientSampleId : SB-3COMP(0-16FEET)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
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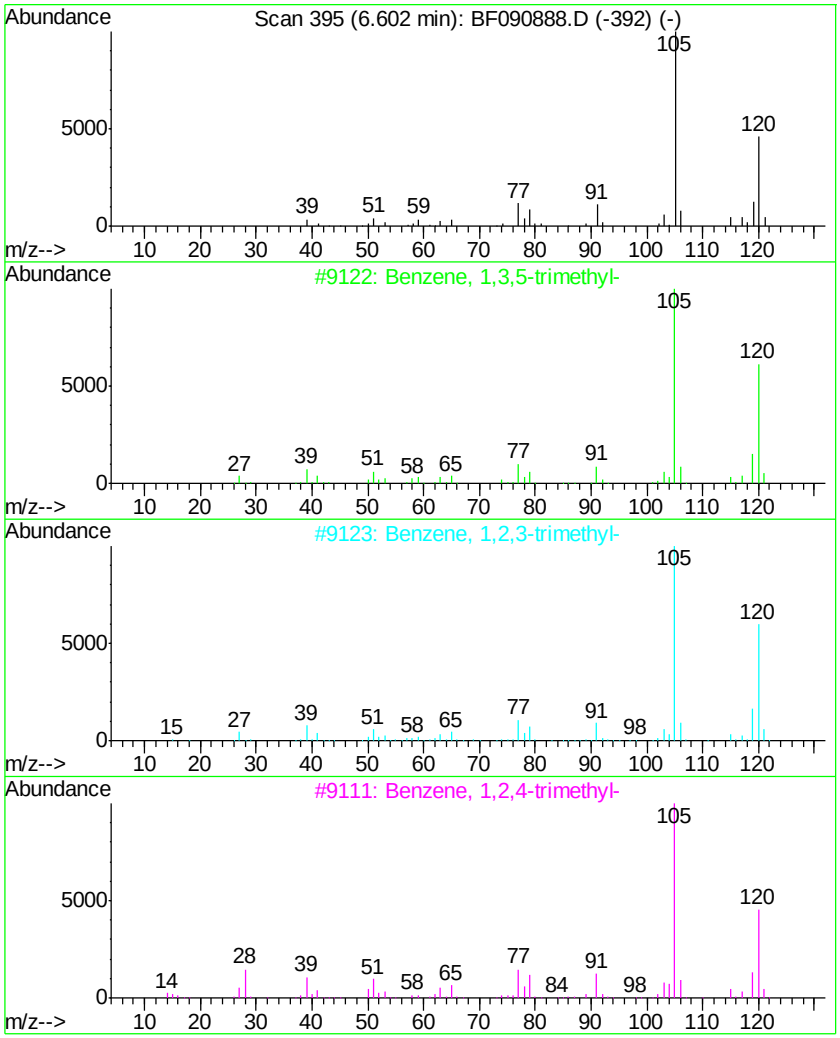
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

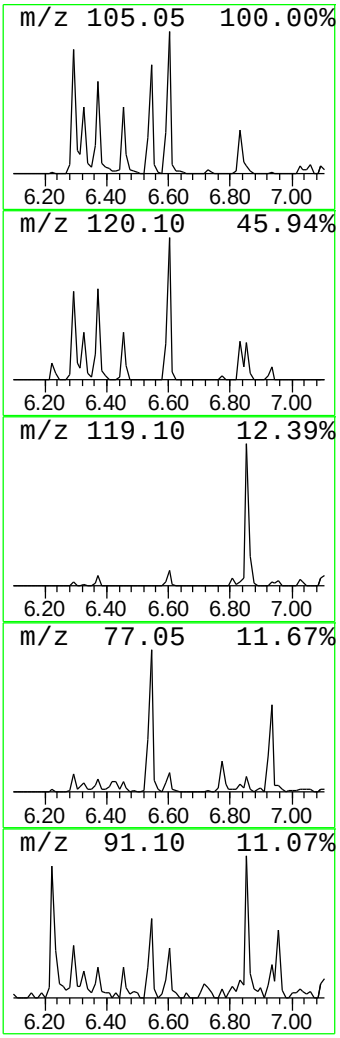
****

Peak Number 5 Benzene, 1,3,5-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	3.63 ng	160325	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





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Sample : H5423-05
Misc :
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Instrument : BNA_F
ClientSampleId : SB-3COMP(0-16FEET)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

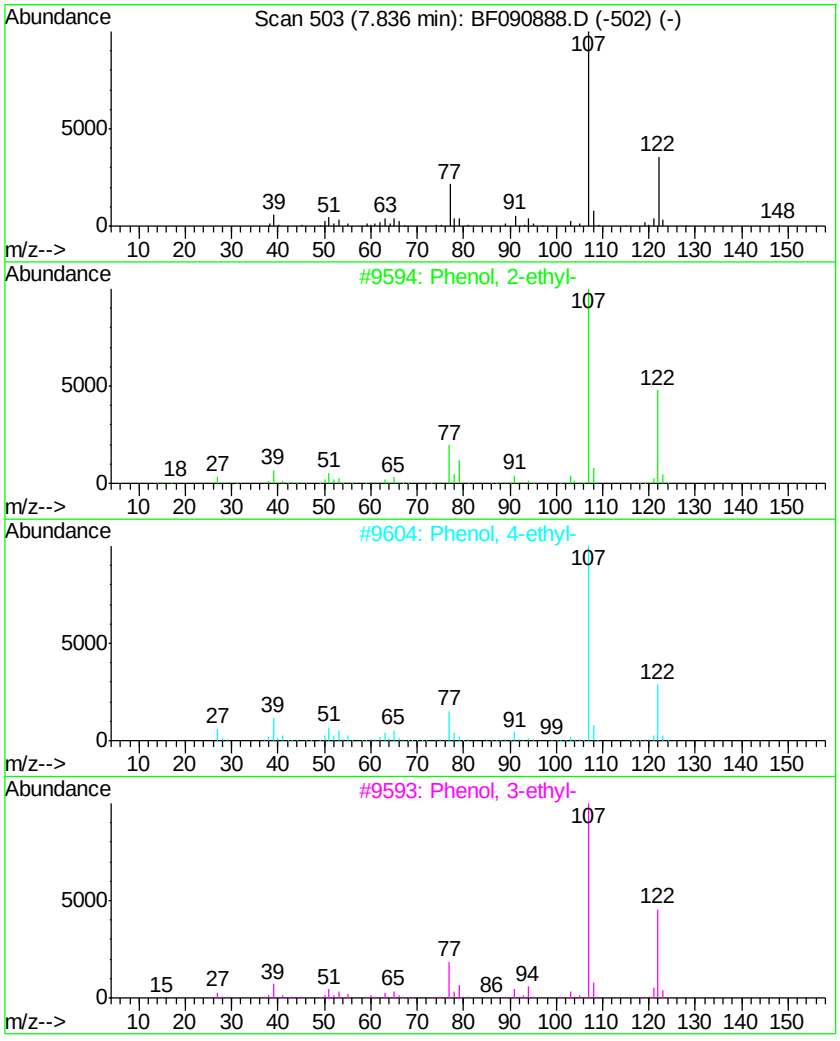
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

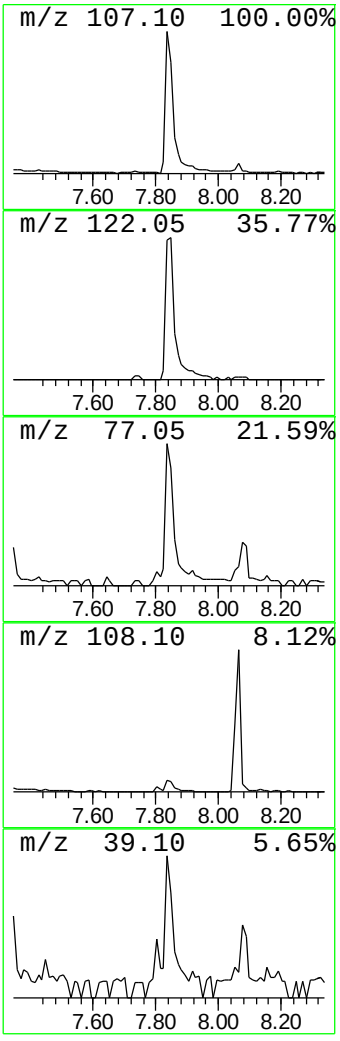
****

Peak Number 7 Phenol, 2-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	2.91 ng	174461	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
2	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	87
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	87
4	1,3-Cyclopentadiene, 5,5-dimethy...	122	C9H14	1000162-25-6	78
5	1,3-Cyclopentadiene, 5,5-dimethy...	122	C9H14	1000162-25-7	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090888.D
Acq On : 28 Oct 2016 1:08
Operator : UM/SJ
Sample : H5423-05
Misc :
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Instrument : BNA_F
ClientSampleId : SB-3COMP(0-16FEET)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
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TIC Library : C:\DATABASE\NIST02.L
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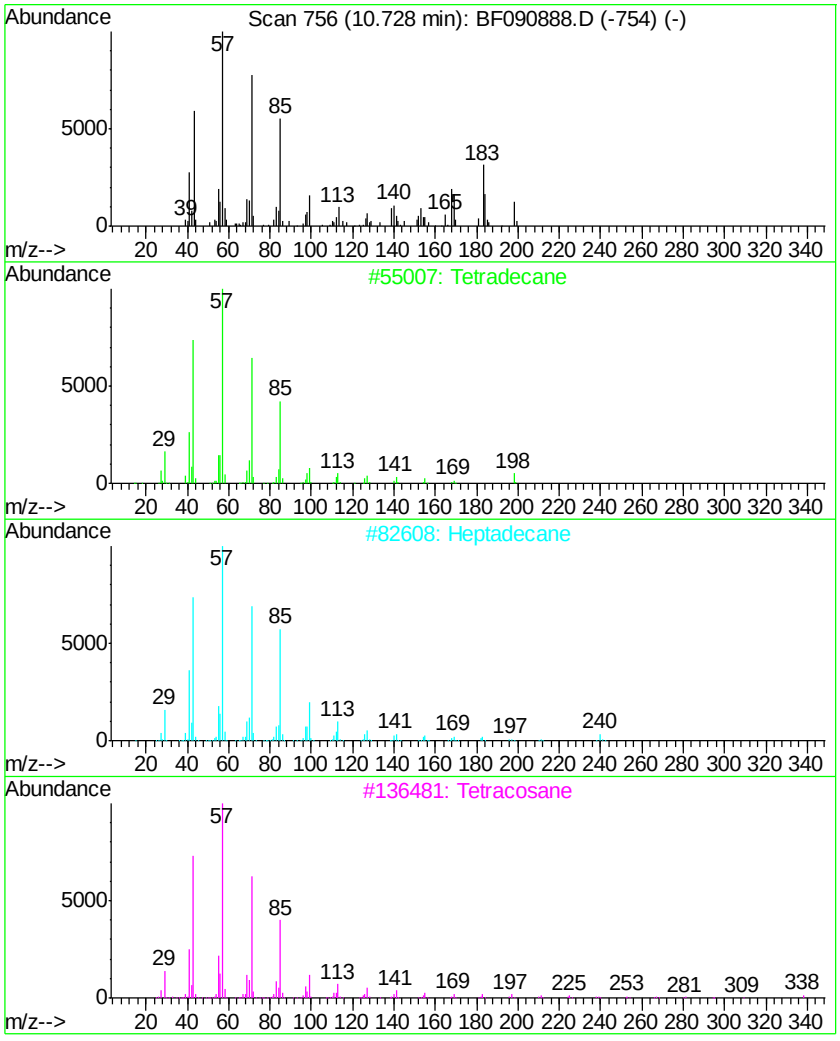
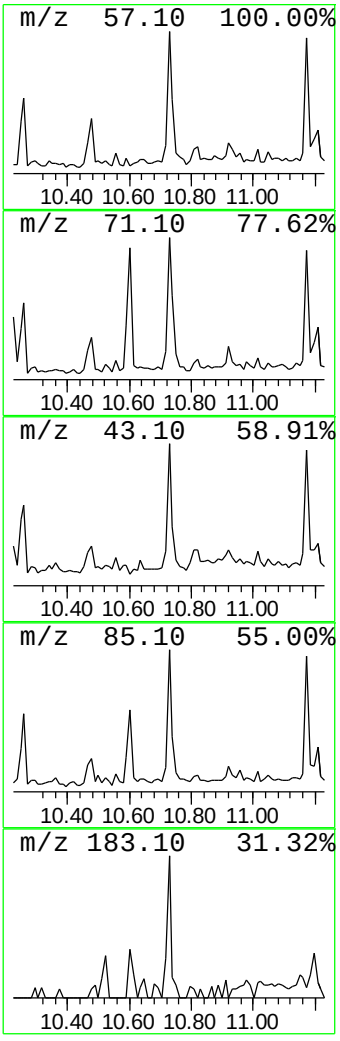
****

Peak Number 8 Tetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	2.96 ng	133708	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	92
2	Heptadecane	240	C17H36	000629-78-7	55
3	Tetracosane	338	C24H50	000646-31-1	53
4	Octacosane	394	C28H58	000630-02-4	53
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	52





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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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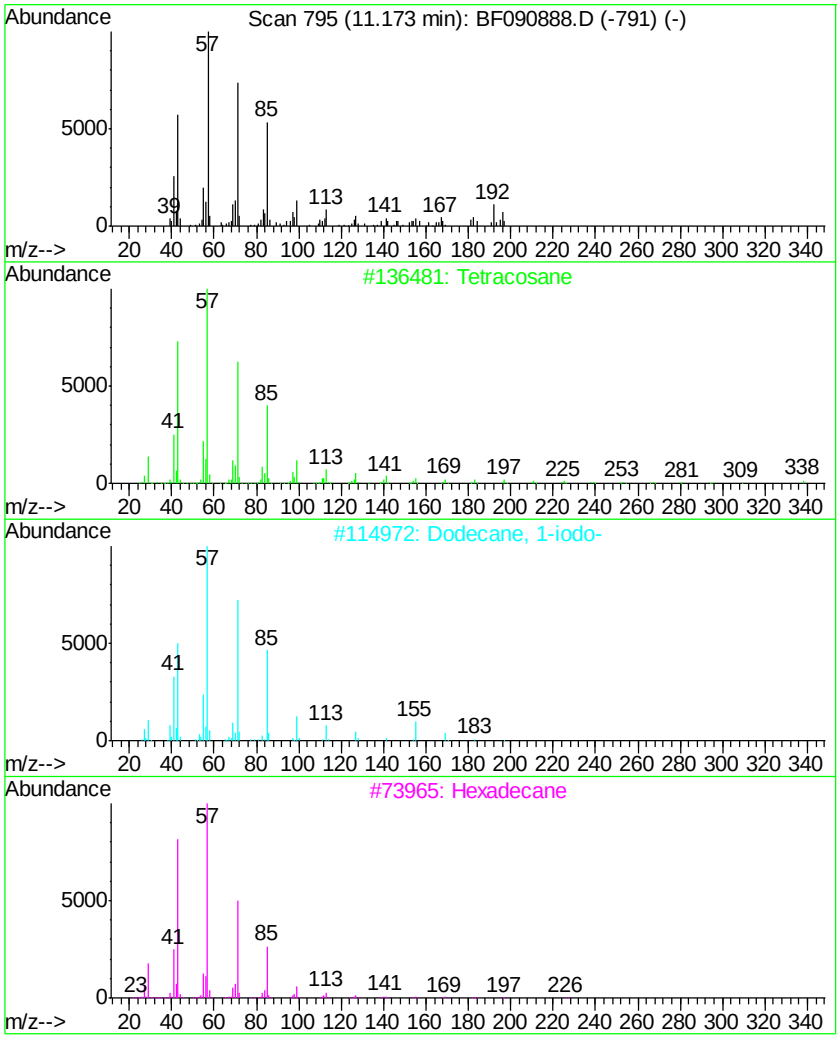
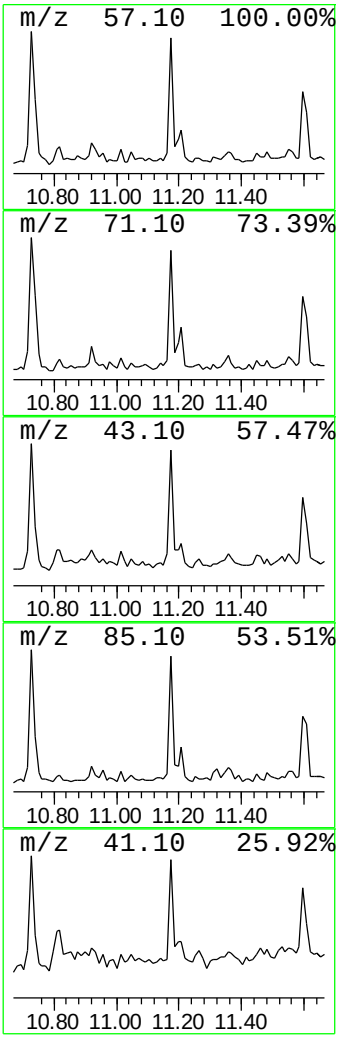
Peak Number 9 Tetracosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	3.17 ng	143167	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	74
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	74
3	Hexadecane	226	C16H34	000544-76-3	72
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
5	Docosane	310	C22H46	000629-97-0	72





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TIC Library : C:\DATABASE\NIST02.L
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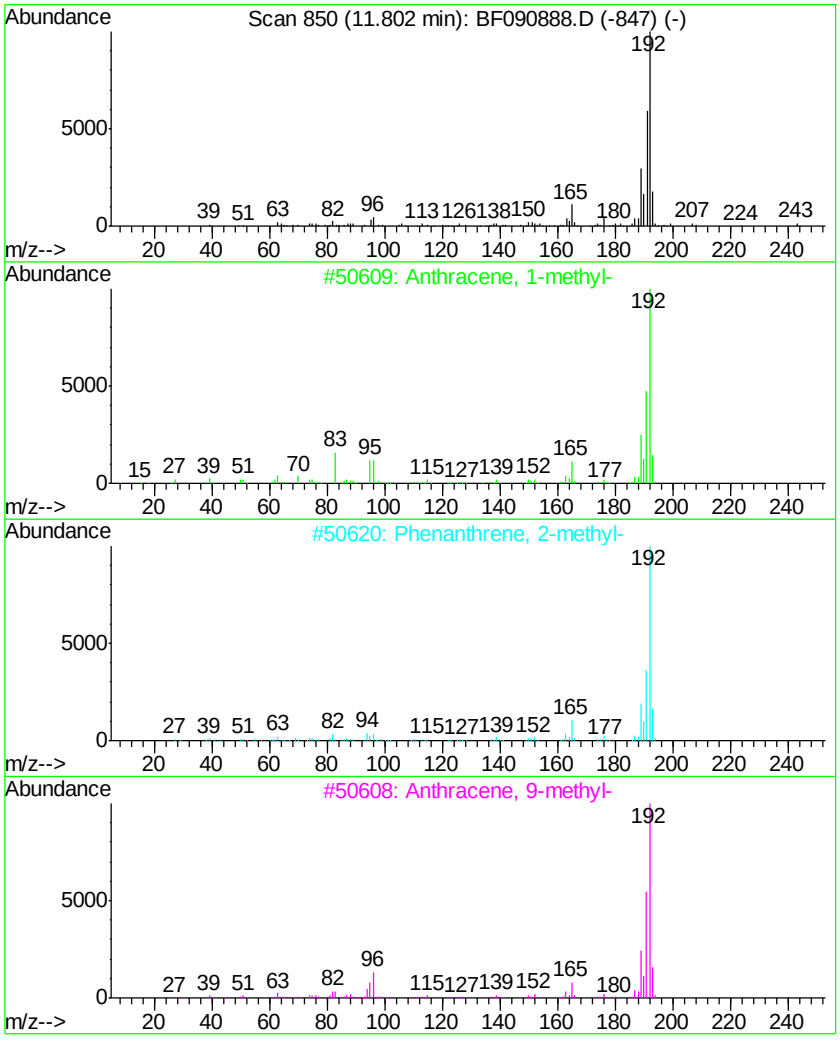
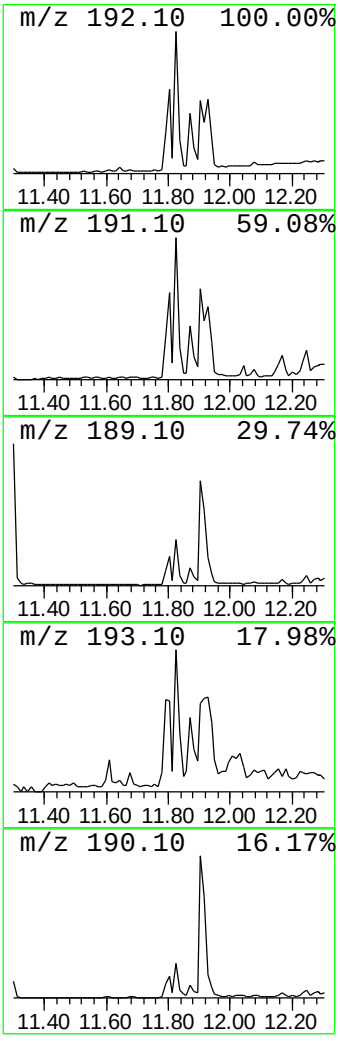
Peak Number 10 Anthracene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	3.03 ng	136595	Phenanthrene-d10	11.30

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





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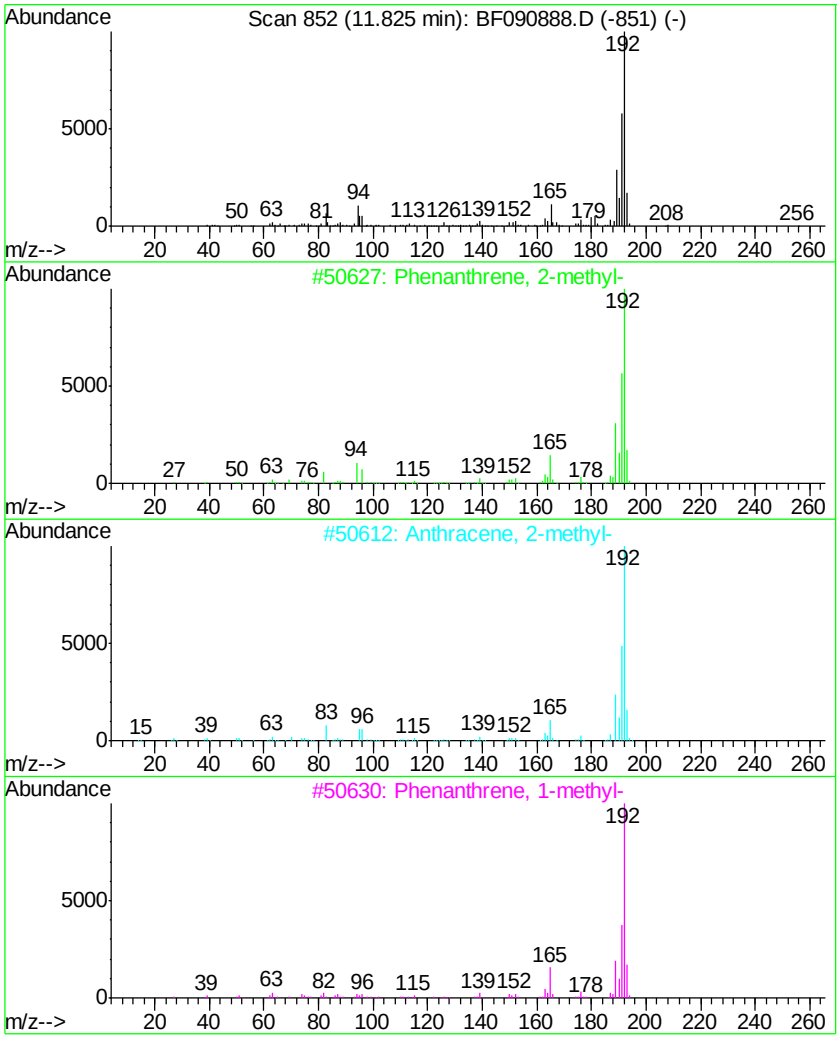
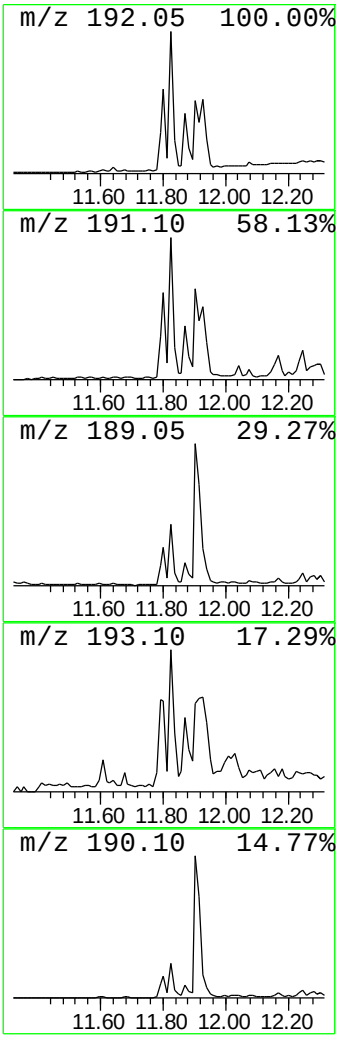
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	3.11 ng	140459	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	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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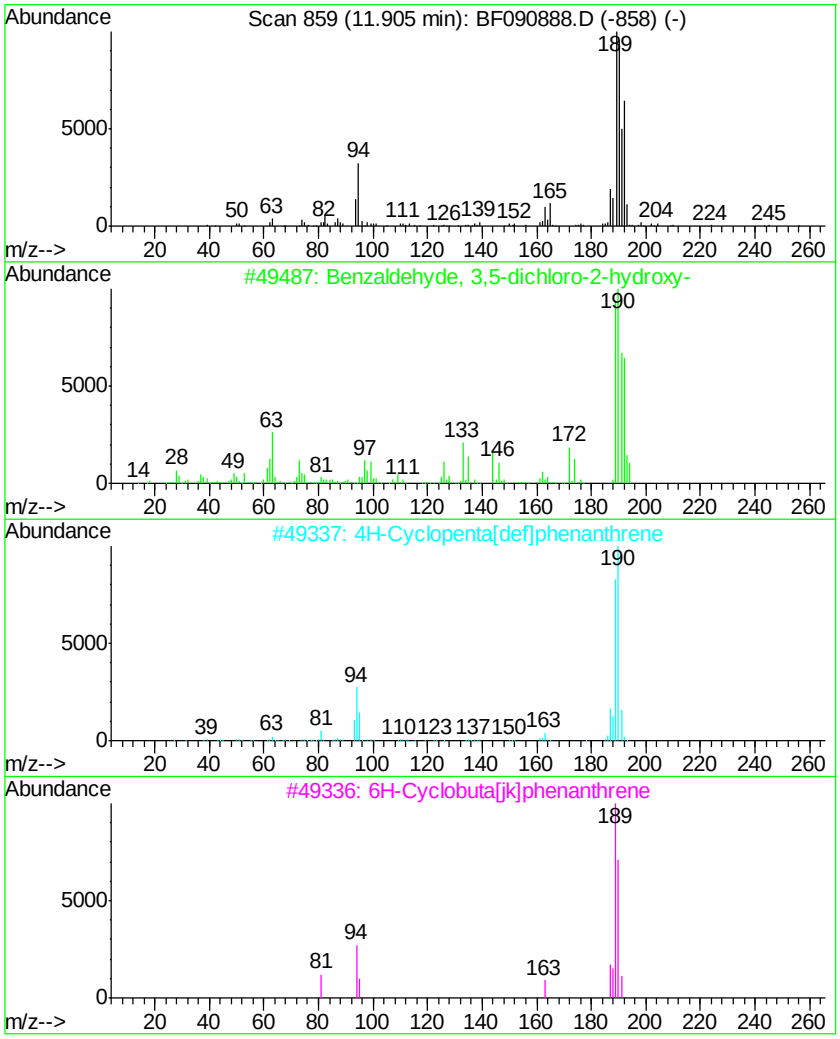
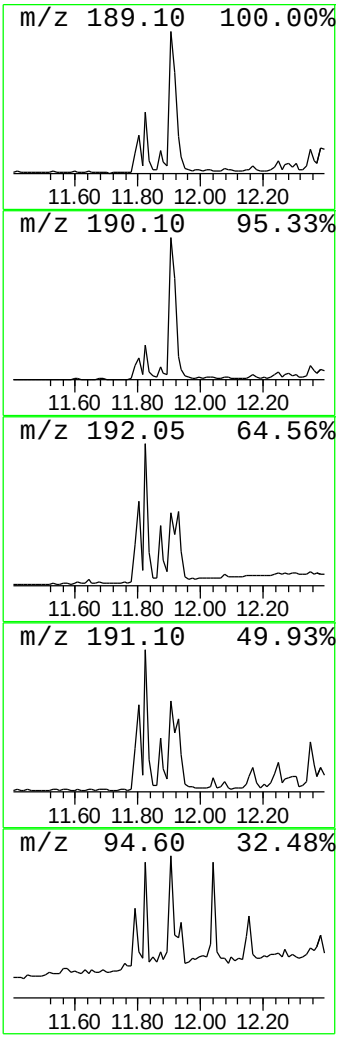
Peak Number 12 Benzaldehyde, 3,5-dichloro-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	7.47 ng	337434	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	52
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25





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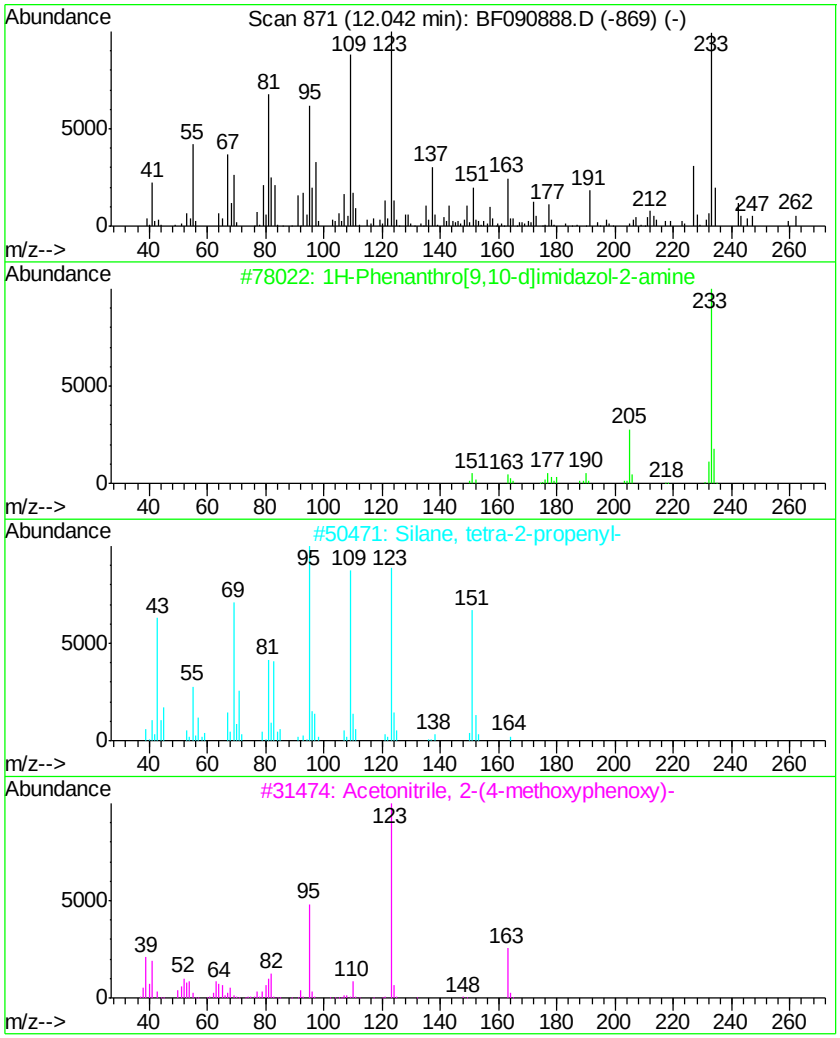
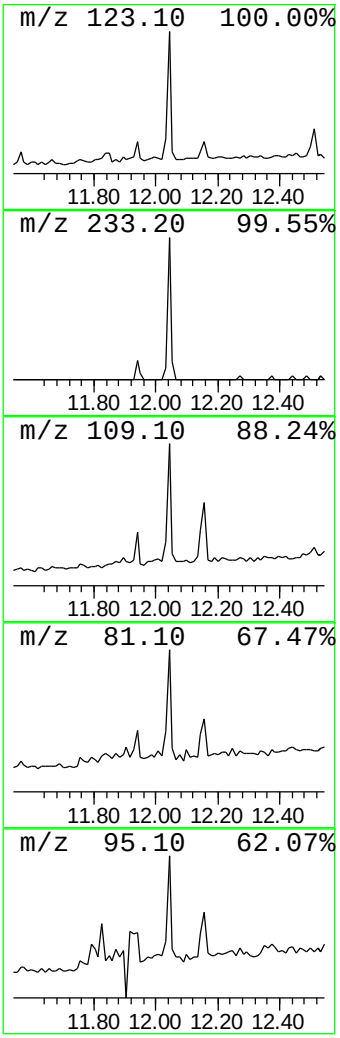
Peak Number 13 1H-Phenanthro[9,10-d]imidaz... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	3.05 ng	137812	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenanthro[9,10-d]imidazol-2-...	233	C15H11N3	037052-13-4	59
2	Silane, tetra-2-propenyl-	192	C12H20Si	001112-66-9	22
3	Acetonitrile, 2-(4-methoxyphenoxy)-	163	C9H9NO2	022446-12-4	22
4	Cyclopropanemethanol, 2,2-dimeth...	154	C10H18O	005617-92-5	15
5	3-(2-Ethyl-imidazol-1-yl)-propio...	168	C8H12N2O2	1000277-78-0	14





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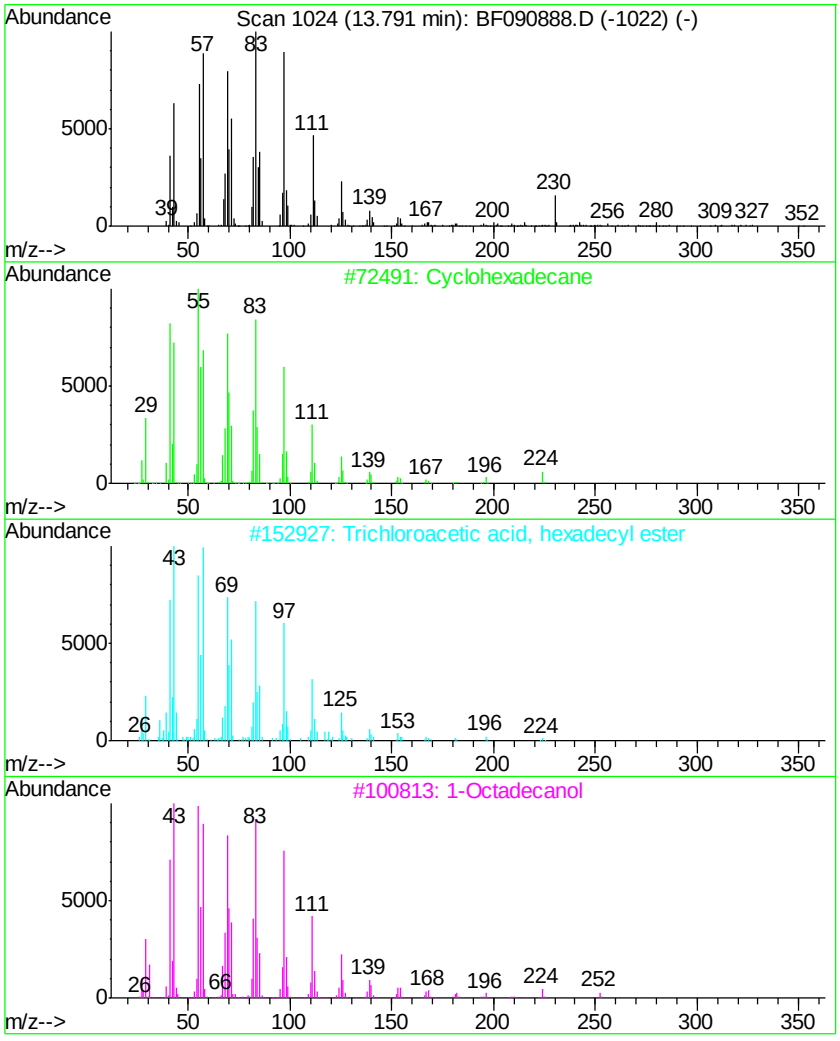
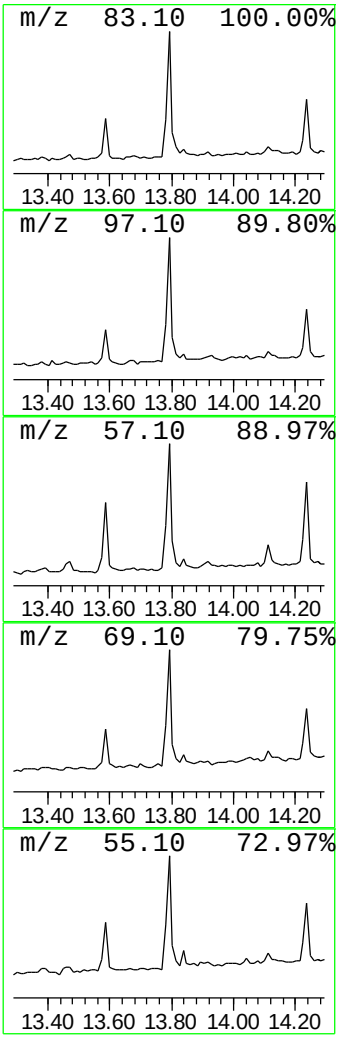
Peak Number 14 Cyclohexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	4.02 ng	484562	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	1-Octadecanol	270	C18H38O	000112-92-5	83
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	81
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	81





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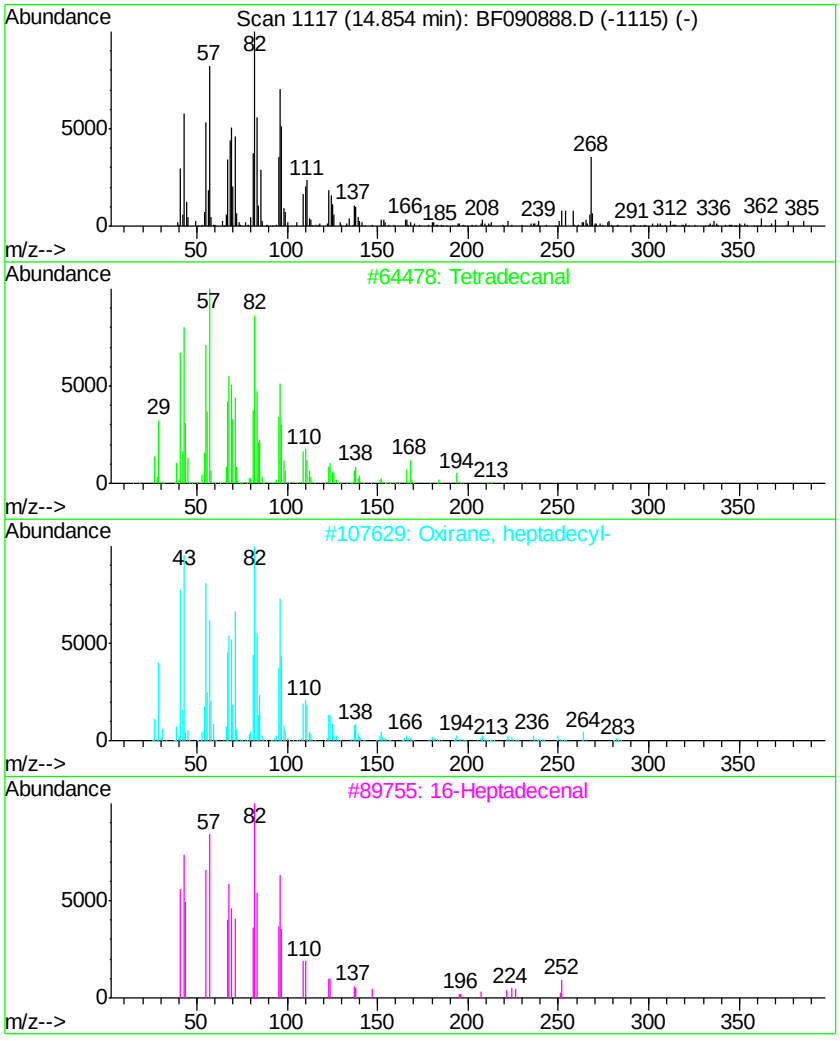
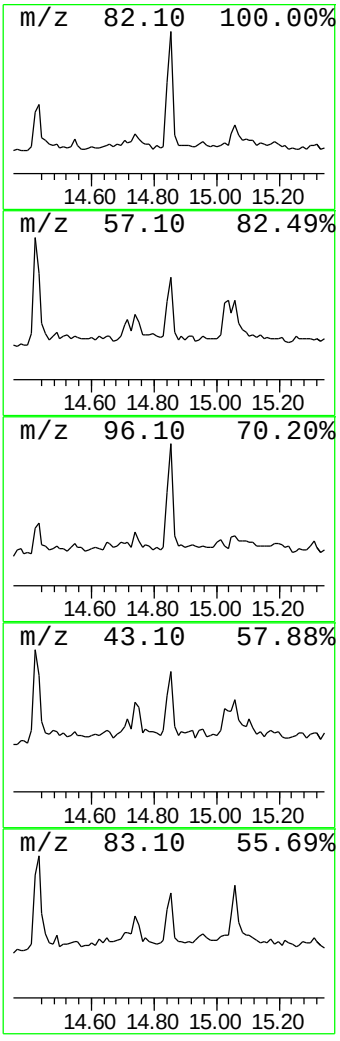
Peak Number 15 Tetradecanal Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	3.04 ng	182599	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanal	212	C14H28O	000124-25-4	89
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87
3	16-Heptadecenal	252	C17H32O	1000144-57-9	86
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	81
5	Tetracosanal	352	C24H48O	057866-08-7	76





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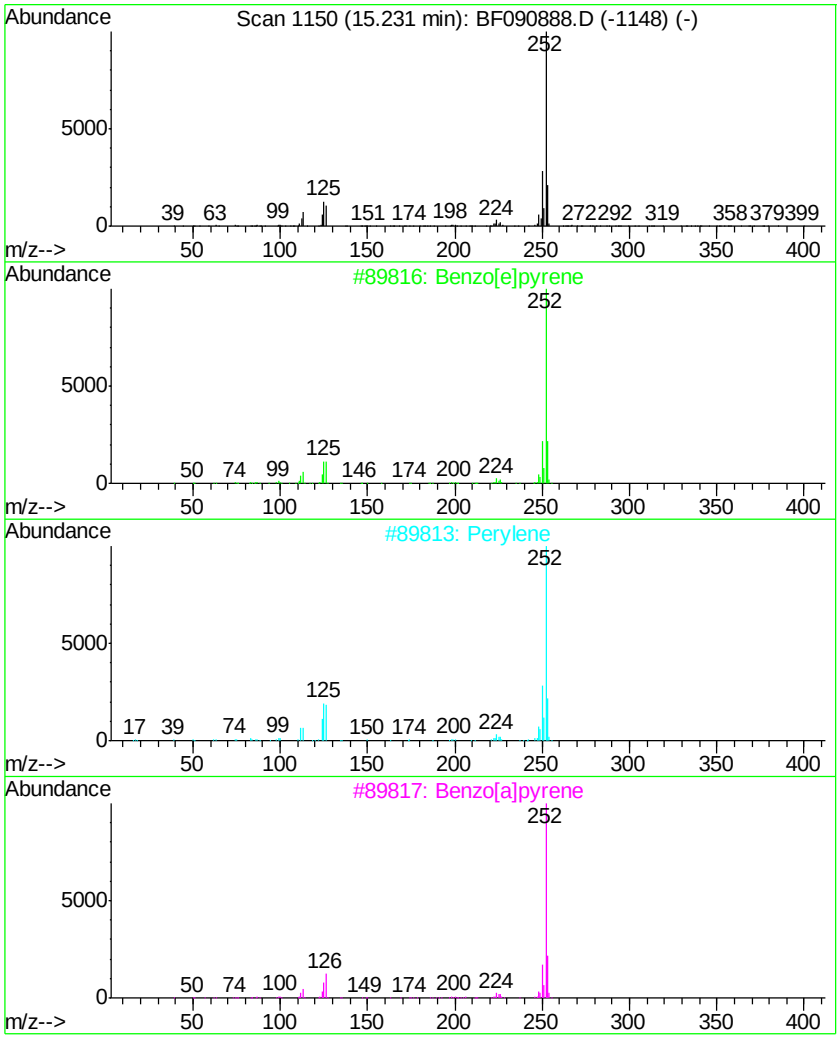
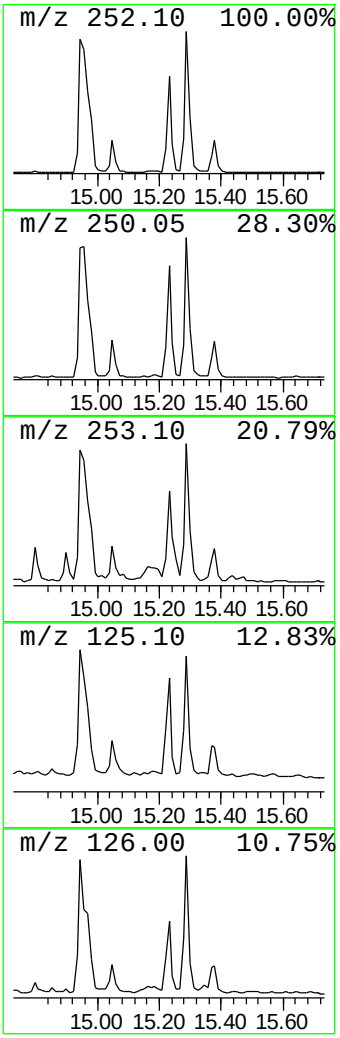
Peak Number 16 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	7.16 ng	429205	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





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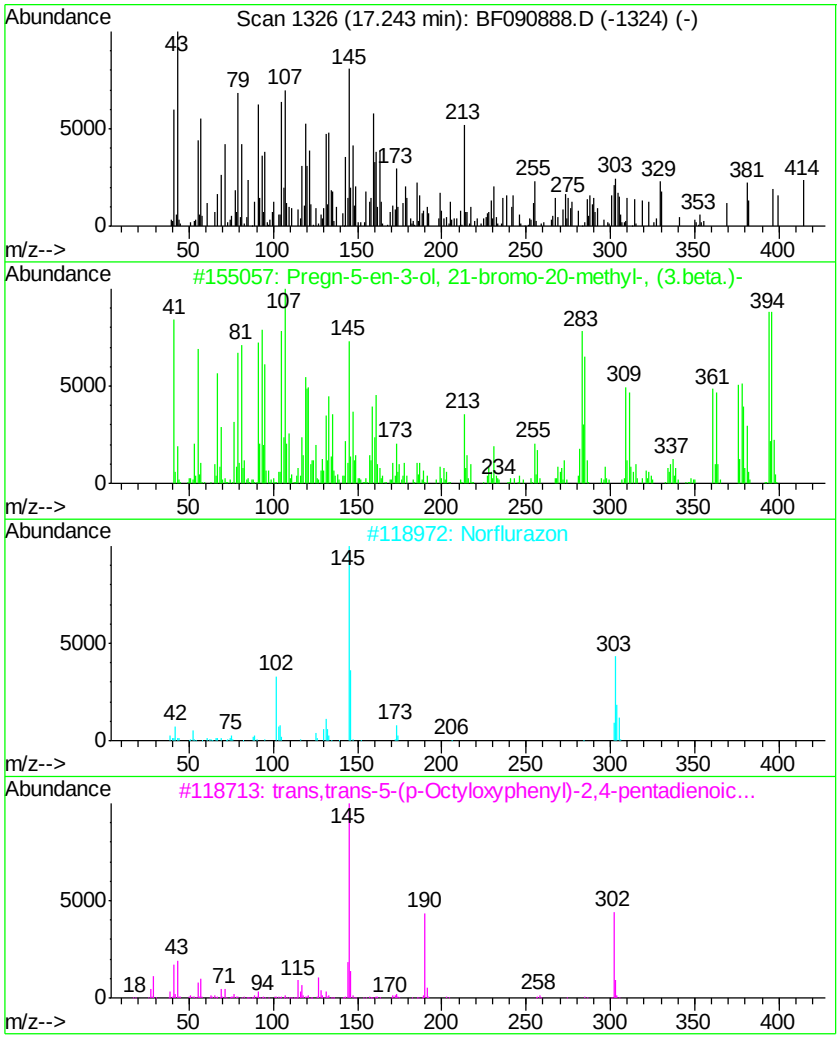
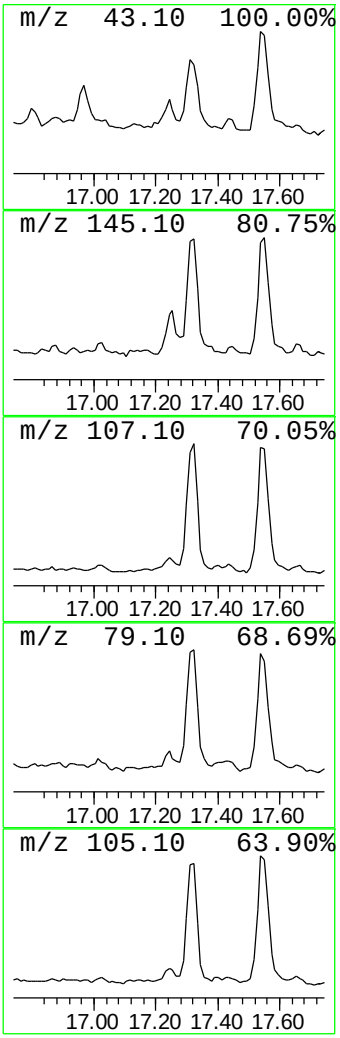
Peak Number 17 unknown17.24 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.24	3.11 ng	186378	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	18
2	Norflurazon	303	C12H9ClF3N3O	027314-13-2	18
3	trans,trans-5-(p-Octyloxyphenyl)...	302	C19H26O3	107599-80-4	10
4	trans,cis-5-(p-Octyloxyphenyl)-2...	302	C19H26O3	107599-81-5	10
5	Ethyl trans,trans-5-(p-hexyloxyp...	302	C19H26O3	107998-54-9	9





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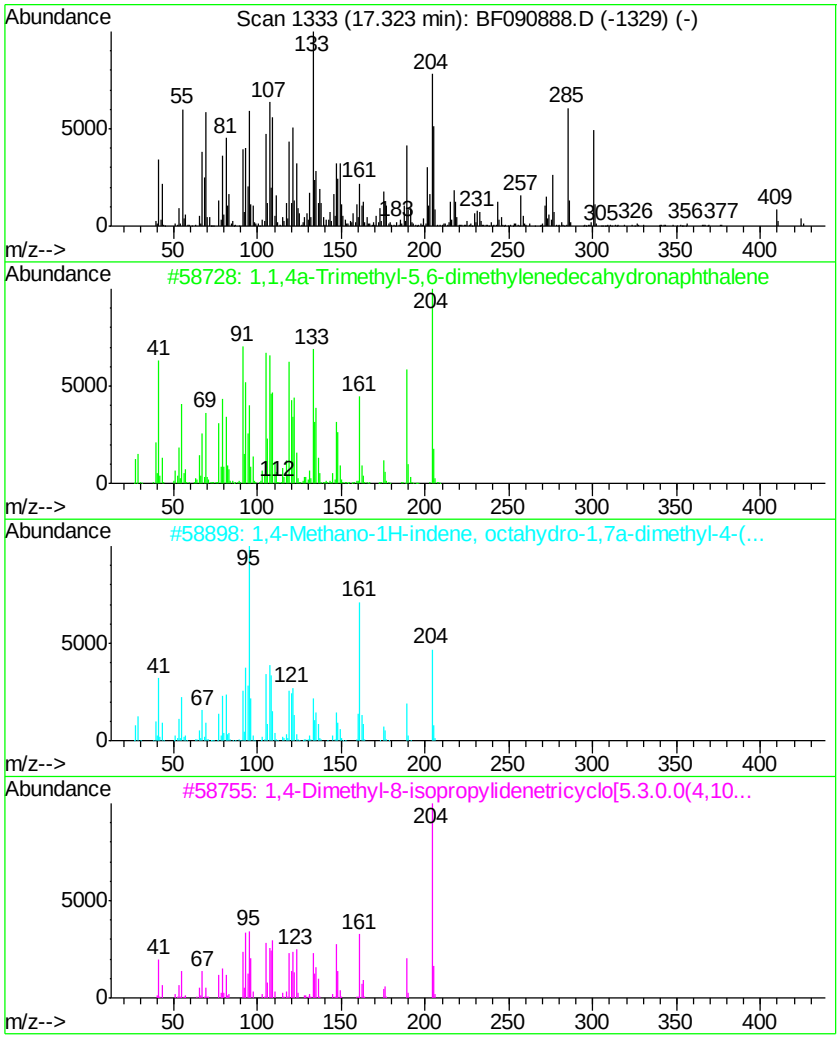
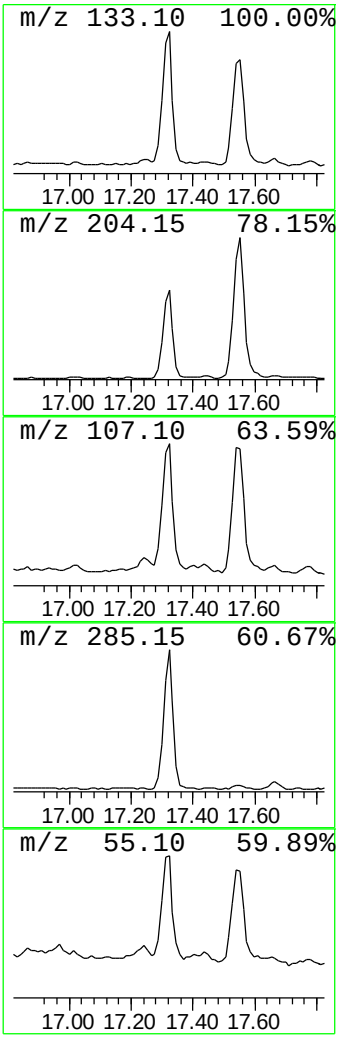
Peak Number 18 1,1,4a-Trimethyl-5,6-dimeth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.32	30.99 ng	1858740	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	55
2	1,4-Methano-1H-indene, octahydro...	204	C15H24	087064-18-4	41
3	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	38
4	.beta.-Humulene	204	C15H24	000116-04-1	38
5	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	35





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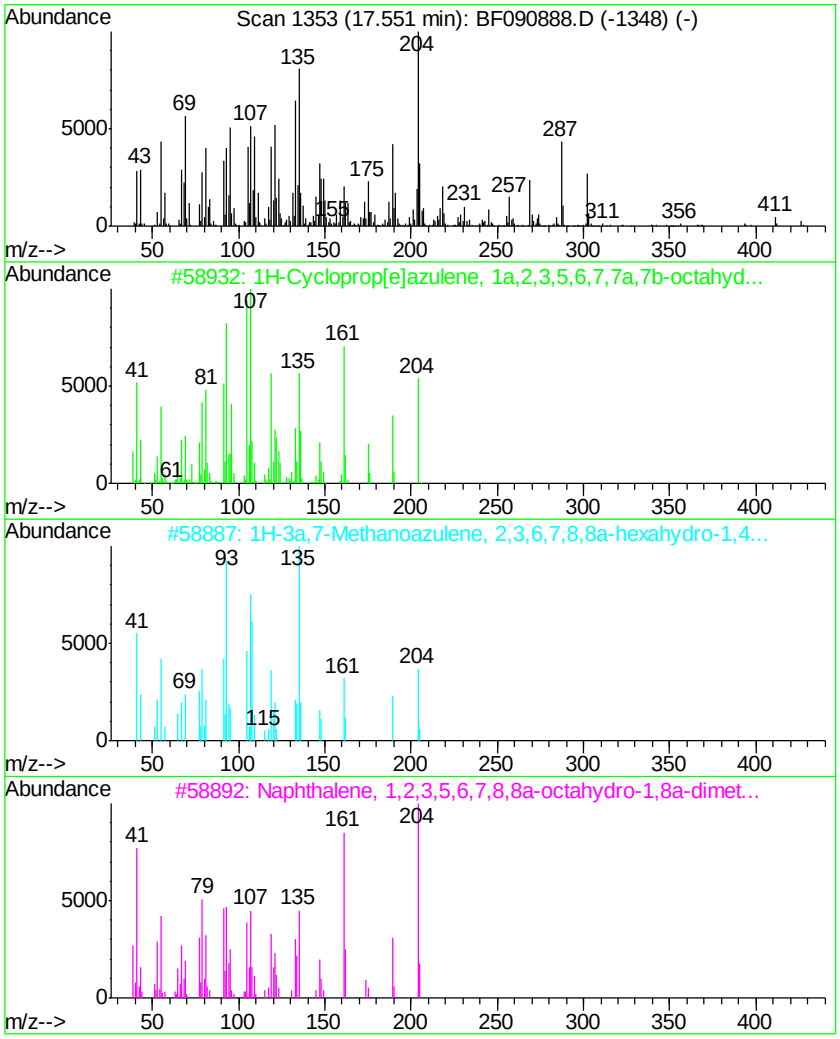
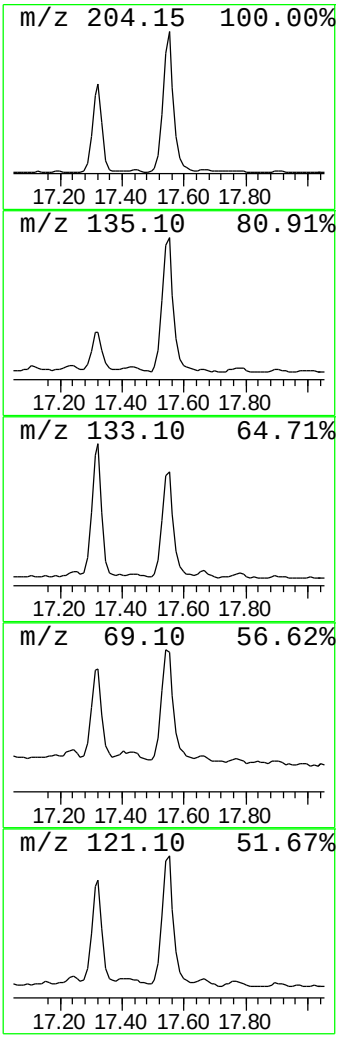
Peak Number 19 1H-Cycloprop[e]azulene, 1a,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.55	39.83 ng	2388410	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cycloprop[e]azulene, 1a,2,3,5...	204	C15H24	021747-46-6	50
2	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	49
3	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	46
4	1,4-Methano-1H-indene, octahydro...	204	C15H24	087064-18-4	46
5	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090888.D
Acq On : 28 Oct 2016 1:08
Operator : UM/SJ
Sample : H5423-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3COMP(0-16FEET)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

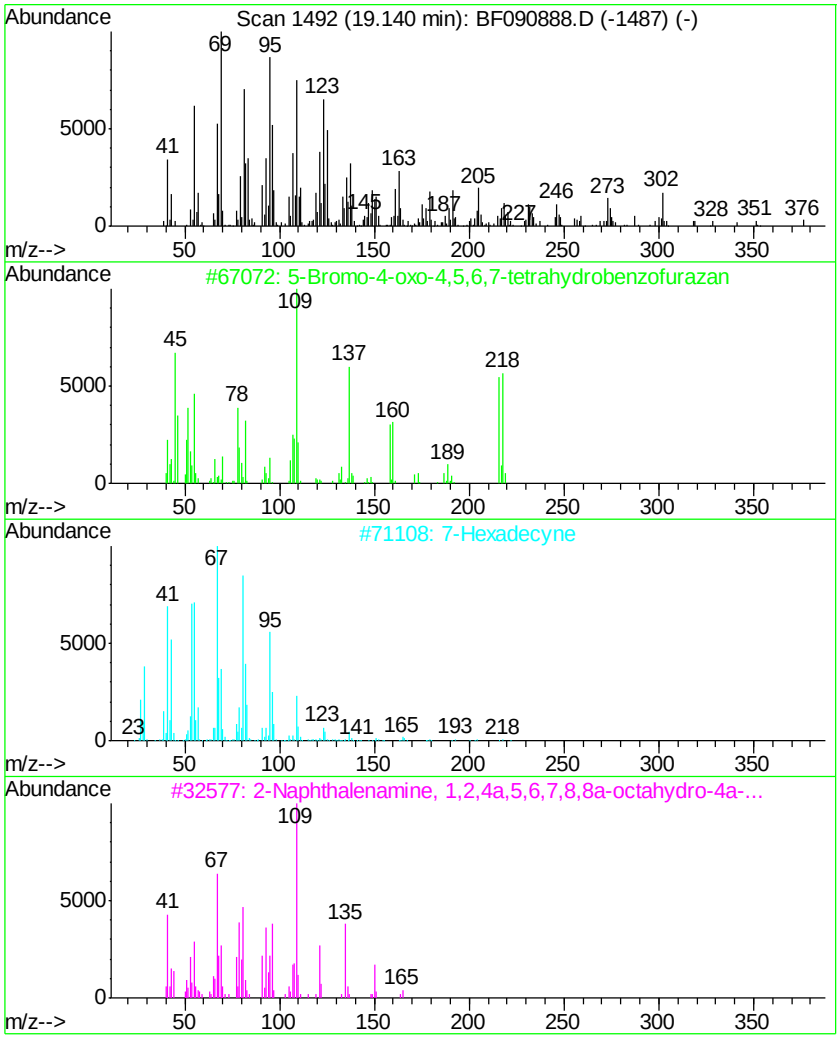
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

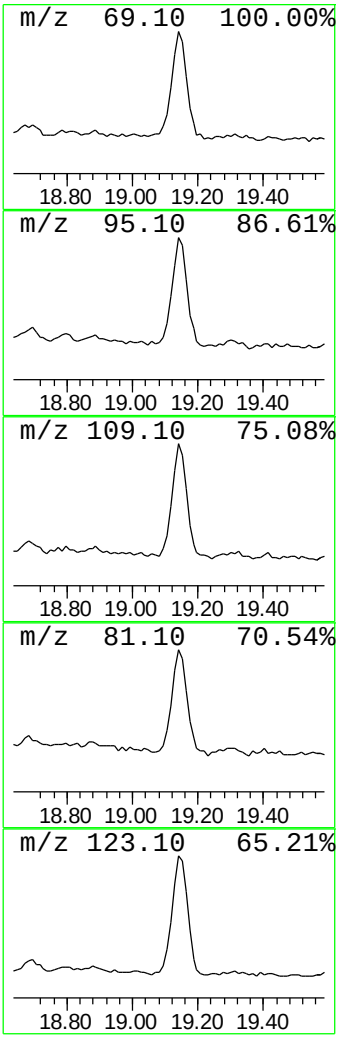
****

Peak Number 20 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	15.67 ng	940058	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	59
2	7-Hexadecyne	222	C16H30	074685-28-2	55
3	2-Naphthalenamine, 1,2,4a,5,6,7,...	165	C11H19N	056053-03-3	44
4	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	38
5	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
Data File : BF090888.D
Acq On : 28 Oct 2016 1:08
Operator : UM/SJ
Sample : H5423-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3COMP(0-16FEET)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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...	4.26	7.3	ng	320535	1	6.77	882868	20.0
2-Pentanone, 4-hy...	4.94	28.6	ng	1264480	1	6.77	882868	20.0
unknown6.54	6.54	103.3	ng	4561180	1	6.77	882868	20.0
Benzene, 1,3,5-tr...	6.60	3.6	ng	160325	1	6.77	882868	20.0
Phenol, 2-ethyl-	7.84	2.9	ng	174461	2	8.06	1198890	20.0
Tetradecane	10.73	3.0	ng	133708	4	11.30	902881	20.0
Tetracosane	11.17	3.2	ng	143167	4	11.30	902881	20.0
Anthracene, 1-met...	11.80	3.0	ng	136595	4	11.30	902881	20.0
Phenanthrene, 2-m...	11.82	3.1	ng	140459	4	11.30	902881	20.0
Benzaldehyde, 3,5...	11.90	7.5	ng	337434	4	11.30	902881	20.0
1H-Phenanthro[9,1...	12.04	3.0	ng	137812	4	11.30	902881	20.0
Cyclohexadecane	13.79	4.0	ng	484562	5	13.94	2409040	20.0
Tetradecanal	14.85	3.0	ng	182599	6	15.35	1199450	20.0
Benzo[e]pyrene	15.23	7.2	ng	429205	6	15.35	1199450	20.0
unknown17.24	17.24	3.1	ng	186378	6	15.35	1199450	20.0
1,1,4a-Trimethyl-...	17.32	31.0	ng	1858740	6	15.35	1199450	20.0
1H-Cycloprop[e]az...	17.55	39.8	ng	2388410	6	15.35	1199450	20.0
5-Bromo-4-oxo-4,5...	19.14	15.7	ng	940058	6	15.35	1199450	20.0