LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085245.D
Acq On : 5 Mar 2016 10:57
Operator : SJ/IZ
Sample : H1675-01 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-001(0-2)

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-BF030316.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	4.001	146	150	153	rBV	30265	49083	1.85%	0.154%
2	4.676	207	209	211	rVB	25279	32694	1.24%	0.103%
3	5.156	249	251	254	rBV	149549	142791	5.40%	0.449%
4	5.567	284	287	289	rBV	681289	691323	26.13%	2.172%
5	5.796	304	307	309	rBV2	39097	37317	1.41%	0.117%
6	6.584	373	376	378	rBV	861526	729752	27.58%	2.293%
7	6.733	386	389	391	rBV	900798	764317	28.89%	2.401%
8	6.973	408	410	412	rBV	148856	163644	6.18%	0.514%
9	7.121	421	423	426	rVB	603062	561039	21.20%	1.763%
10	7.522	456	458	461	rBV	375569	388740	14.69%	1.221%
11	8.253	520	522	526	rVB2	257246	301878	11.41%	0.948%
12	8.962	582	584	587	rVB	45599	51962	1.96%	0.163%
13	9.065	591	593	595	rVB	47183	41201	1.56%	0.129%
14	9.327	614	616	618	rBV	950174	783828	29.62%	2.462%
15	9.430	621	625	627	rVV2	27936	39634	1.50%	0.125%
16	9.590	637	639	641	rVB	27249	34177	1.29%	0.107%
17	9.670	643	646	649	rBV2	45685	74269	2.81%	0.233%
18	9.716	649	650	653	rVV	73764	89704	3.39%	0.282%
19	9.785	655	656	661	rVB	25251	26997	1.02%	0.085%
20	9.865	661	663	666	rBV	21244	32089	1.21%	0.101%
21	9.945	666	670	672	rVB	19464	29609	1.12%	0.093%
22	10.013	672	676	677	rBV	216548	225143	8.51%	0.707%
23	10.047	677	679	680	rVB	213943	271070	10.24%	0.852%
24	10.162	687	689	691	rBV2	19772	31311	1.18%	0.098%
25	10.208	691	693	696	rVV2	93126	132350	5.00%	0.416%
26	10.436	712	713	715	rVB	58442	42949	1.62%	0.135%
27	10.562	721	724	726	rBV	132034	177561	6.71%	0.558%
28	10.619	726	729	730	rBV	34353	55160	2.08%	0.173%
29	10.642	730	731	734	rVV2	43740	68529	2.59%	0.215%
30	10.710	736	737	739	rVB	50529	44180	1.67%	0.139%
31	10.790	742	744	747	rBV2	296189	344639	13.02%	1.083%
32	10.916	753	755	759	rVB	59961	103849	3.92%	0.326%
33	11.099	768	771	773	rBV2	38683	74929	2.83%	0.235%
34	11.190	776	779	780	rVV2	19964	26656	1.01%	0.084%

LSC Area Percent Report

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Acq On : 5 Mar 2016 10:57
Operator : SJ/IZ
Sample : H1675-01 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-001(0-2)

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-BF030316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.259	780	785	787	rVV2	32178	88836	3.36%	0.279%
36	11.293	787	788	791	rVV	92320	106992	4.04%	0.336%
37	11.362	791	794	795	rVV2	66656	111467	4.21%	0.350%
38	11.396	795	797	799	rVB	104979	127763	4.83%	0.401%
39	11.522	804	808	810	rBV	2113496	2023116	76.46%	6.356%
40	11.568	810	812	814	rVV	467780	467468	17.67%	1.469%
41	11.602	814	815	817	rVB	57358	45723	1.73%	0.144%
42	11.716	823	825	828	rBV2	126045	227079	8.58%	0.713%
43	11.785	829	831	833	rVV2	56847	64632	2.44%	0.203%
44	11.831	833	835	837	rVV2	28249	35902	1.36%	0.113%
45	12.002	847	850	851	rBV	125327	214451	8.10%	0.674%
46	12.025	851	852	854	rVB	292004	215103	8.13%	0.676%
47	12.071	854	856	857	rBV	110031	97449	3.68%	0.306%
48	12.105	857	859	863	rVB2	283822	489684	18.51%	1.538%
49	12.196	863	867	868	rBV	55608	84360	3.19%	0.265%
50	12.311	873	877	879	rVB2	148284	291221	11.01%	0.915%
51	12.436	886	888	890	rBV3	41222	51734	1.96%	0.163%
52	12.471	890	891	896	rVB	55087	77738	2.94%	0.244%
53	12.551	896	898	899	rBV	79762	114829	4.34%	0.361%
54	12.585	899	901	904	rVV	79166	128019	4.84%	0.402%
55	12.631	904	905	907	rVB	153347	126281	4.77%	0.397%
56	12.711	910	912	914	rVB	2561030	2352742	88.92%	7.391%
57	12.768	914	917	919	rBV2	53423	90029	3.40%	0.283%
58	12.859	921	925	929	rVB3	102646	190869	7.21%	0.600%
59	12.939	929	932	935	rBV	2146647	2646013	100.00%	8.313%
60	12.985	935	936	939	rVB2	105956	102859	3.89%	0.323%
61	13.076	940	944	948	rBV3	650923	879385	33.23%	2.763%
62	13.156	948	951	955	rBV3	150761	341782	12.92%	1.074%
63	13.259	956	960	962	rVB2	260733	441488	16.69%	1.387%
64	13.294	962	963	964	rBV	35319	47407	1.79%	0.149%
65	13.328	964	966	968	rVV	224350	199138	7.53%	0.626%
66	13.362	968	969	971	rVV2	151114	214218	8.10%	0.673%
67	13.431	973	975	976	rBV2	30132	47259	1.79%	0.148%
68	13.465	976	978	979	rVB	62603	67125	2.54%	0.211%
69	13.488	979	980	982	rBV2	106947	117204	4.43%	0.368%
70	13.659	992	995	997	rBV4	57325	178191	6.73%	0.560%
71	13.762	1002	1004	1007	rVB	153131	247635	9.36%	0.778%

LSC Area Percent Report

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Sample : H1675-01 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-001(0-2)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.876	1012	1014	1016	rBV2	191293	310761	11.74%	0.976%
73	13.911	1016	1017	1018	rVV	211585	174397	6.59%	0.548%
74	13.934	1018	1019	1021	rVV2	175545	260185	9.83%	0.817%
75	13.979	1021	1023	1025	rVV2	187247	247475	9.35%	0.777%
76	14.048	1027	1029	1031	rBV	56951	81957	3.10%	0.257%
77	14.128	1033	1036	1037	rVV	1292955	1690339	63.88%	5.310%
78	14.162	1037	1039	1041	rVV	1166635	1239949	46.86%	3.895%
79	14.242	1043	1046	1048	rBV	192004	243815	9.21%	0.766%
80	14.322	1051	1053	1054	rVB2	89137	94857	3.58%	0.298%
81	14.356	1054	1056	1058	rBV2	123591	183866	6.95%	0.578%
82	14.517	1068	1070	1072	rBV	170606	185565	7.01%	0.583%
83	14.551	1072	1073	1075	rVB	107190	92814	3.51%	0.292%
84	14.608	1075	1078	1080	rBV3	86424	180930	6.84%	0.568%
85	14.642	1080	1081	1085	rVB3	131013	225096	8.51%	0.707%
86	14.825	1095	1097	1098	rBV	82532	108331	4.09%	0.340%
87	15.179	1125	1128	1132	rBV	1052210	2155518	81.46%	6.772%
88	15.282	1135	1137	1139	rVB	183150	193722	7.32%	0.609%
89	15.477	1152	1154	1157	rVB	476031	771869	29.17%	2.425%
90	15.545	1157	1160	1163	rVB	831911	1018619	38.50%	3.200%
91	15.602	1163	1165	1166	rBV	132424	168518	6.37%	0.529%
92	15.637	1166	1168	1171	rVB	266440	377495	14.27%	1.186%
93	17.077	1291	1294	1298	rVB2	346814	687772	25.99%	2.161%
94	17.260	1307	1310	1312	rBV	66744	132600	5.01%	0.417%
95	17.317	1313	1315	1323	rVB4	69313	216158	8.17%	0.679%
96	17.523	1329	1333	1342	rVB	251612	601633	22.74%	1.890%
97	17.763	1351	1354	1362	rVB2	65530	168981	6.39%	0.531%

Sum of corrected areas: 31830787

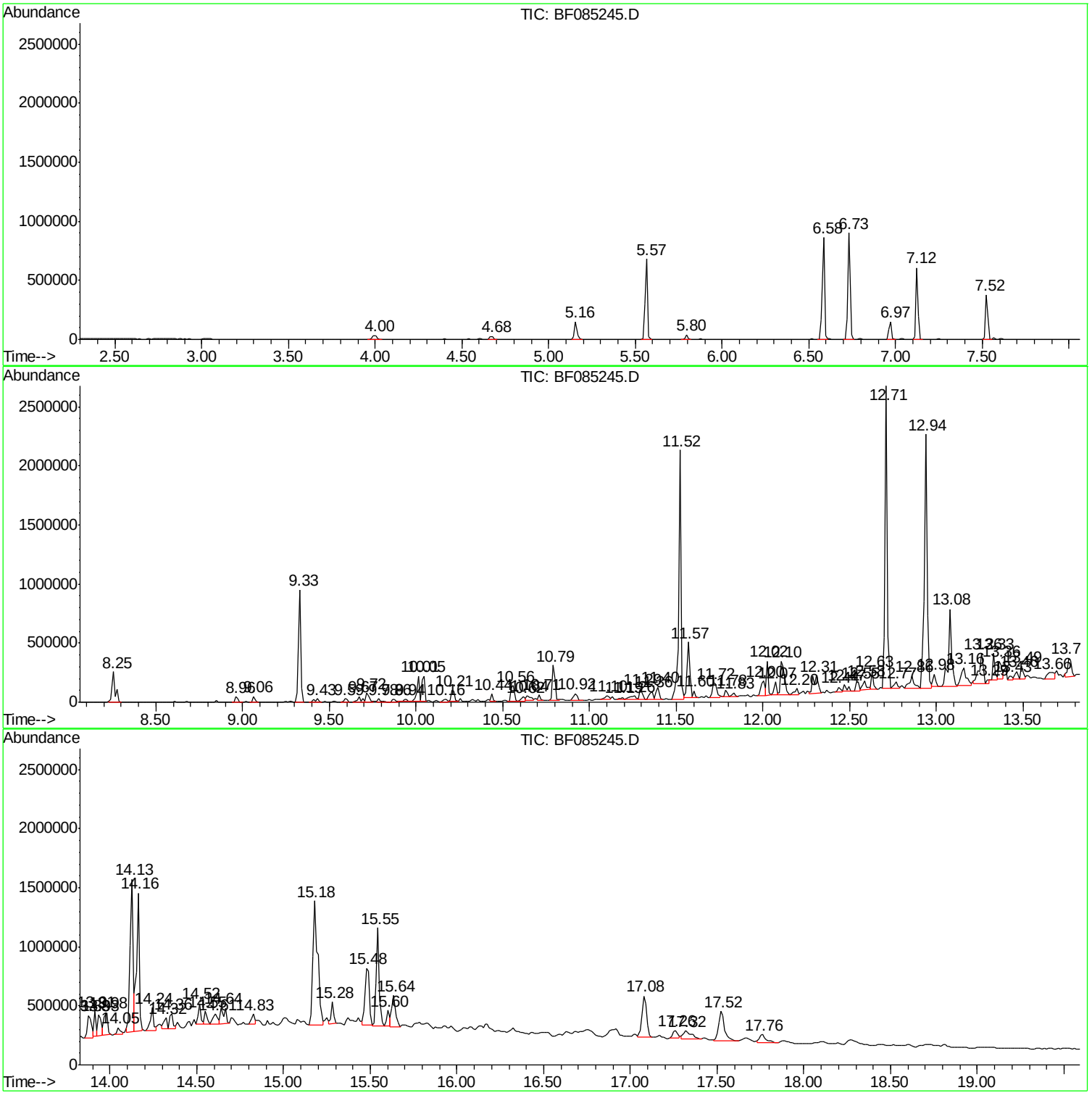
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085245.D
Acq On : 5 Mar 2016 10:57
Operator : SJ/IZ
Sample : H1675-01 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-001(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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\BF030416\
Data File : BF085245.D
Acq On : 5 Mar 2016 10:57
Operator : SJ/IZ
Sample : H1675-01 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-001(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

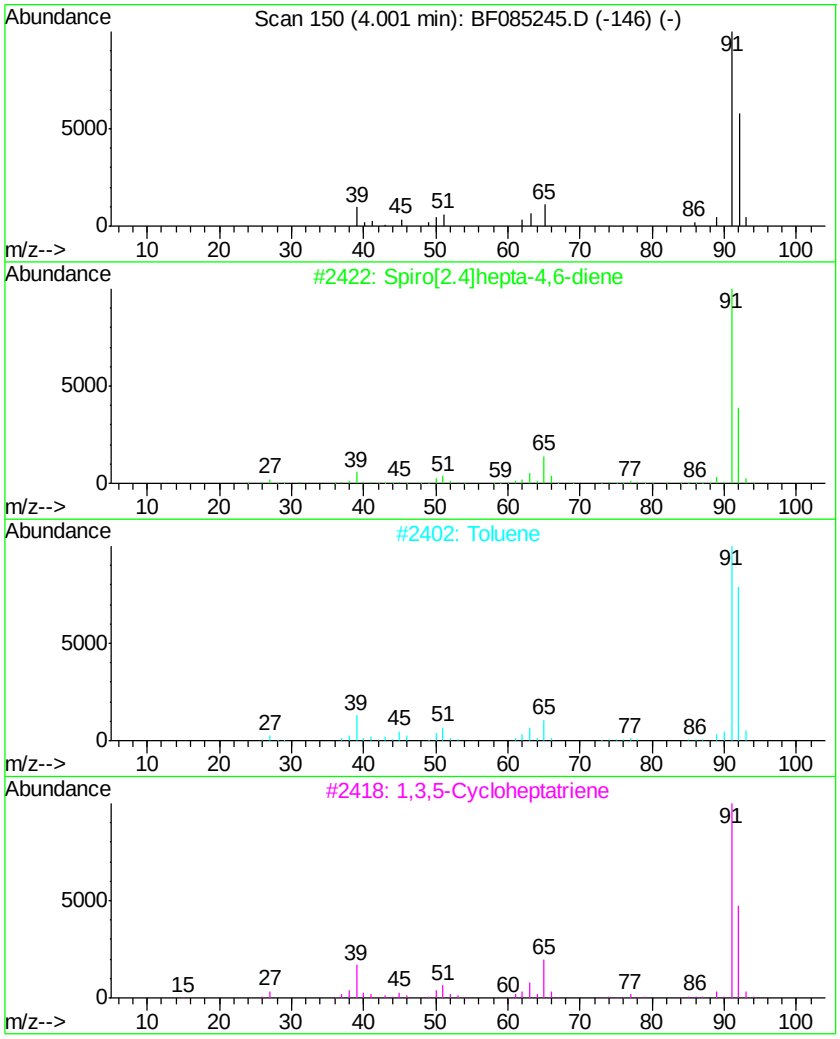
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

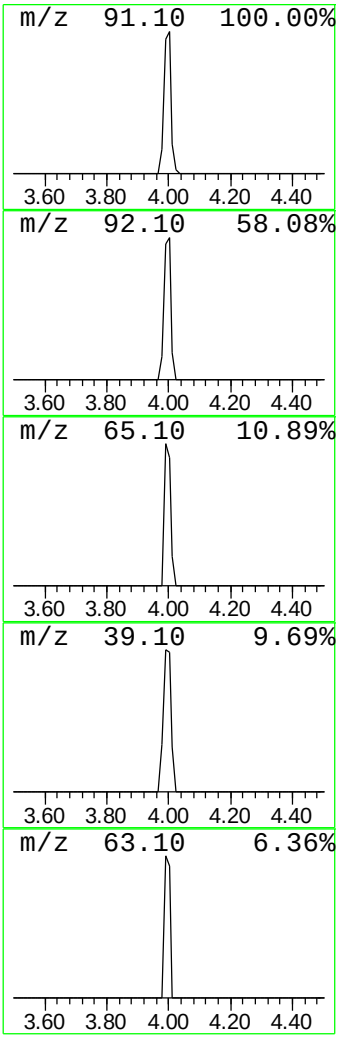
****

Peak Number 1 Spiro[2.4]hepta-4,6-diene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	6.00 ng	49083	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[2.4]hepta-4,6-diene	92	C7H8	000765-46-8	90
2	Toluene	92	C7H8	000108-88-3	90
3	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	78
4	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	72
5	1,5-Heptadien-3-yne	92	C7H8	003511-27-1	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085245.D
Acq On : 5 Mar 2016 10:57
Operator : SJ/IZ
Sample : H1675-01 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-001(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

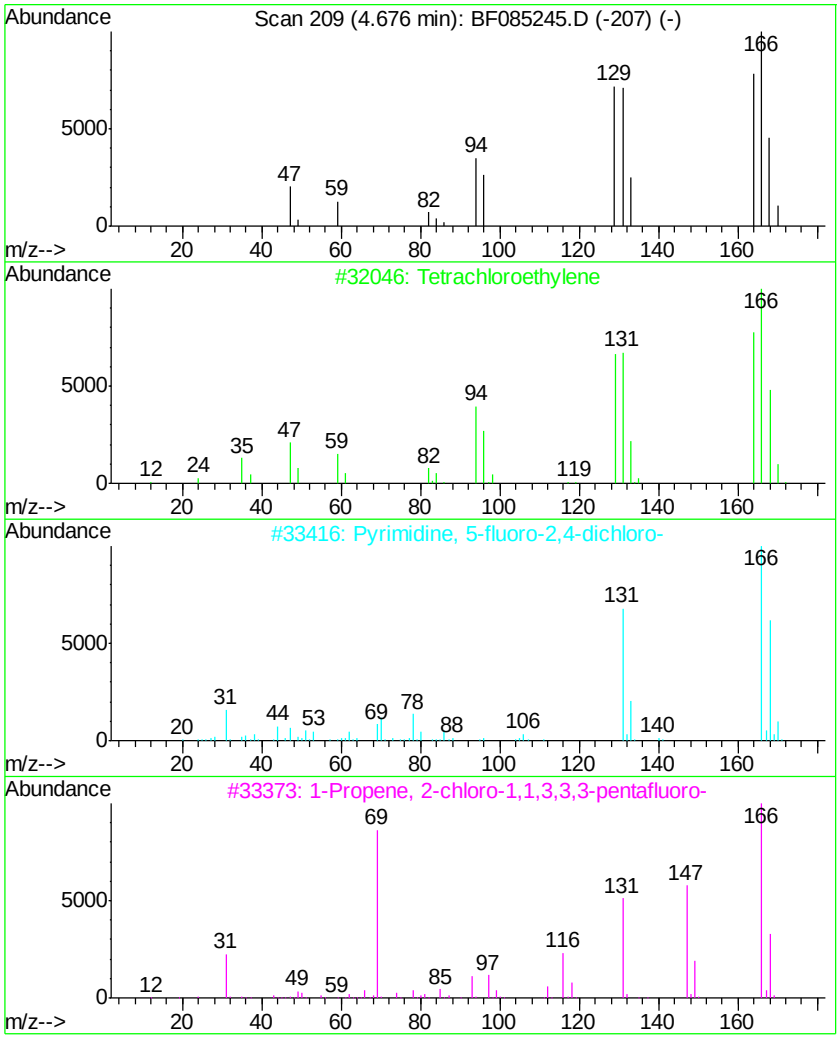
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

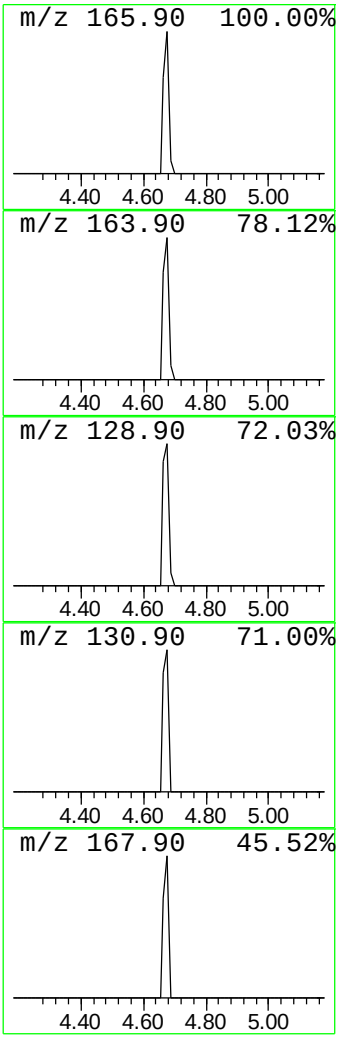
****

Peak Number 2 Tetrachloroethylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	4.00 ng	32694	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	95
2	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	38
3	1-Propene, 2-chloro-1,1,3,3,3-pe...	166	C3ClF5	002804-50-4	9
4	2-Chloroquinoxaline	164	C8H5ClN2	001448-87-9	9
5	4,6-Dichloro-2-fluoropyrimidine	166	C4HCl2FN2	003824-45-1	9





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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-001(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

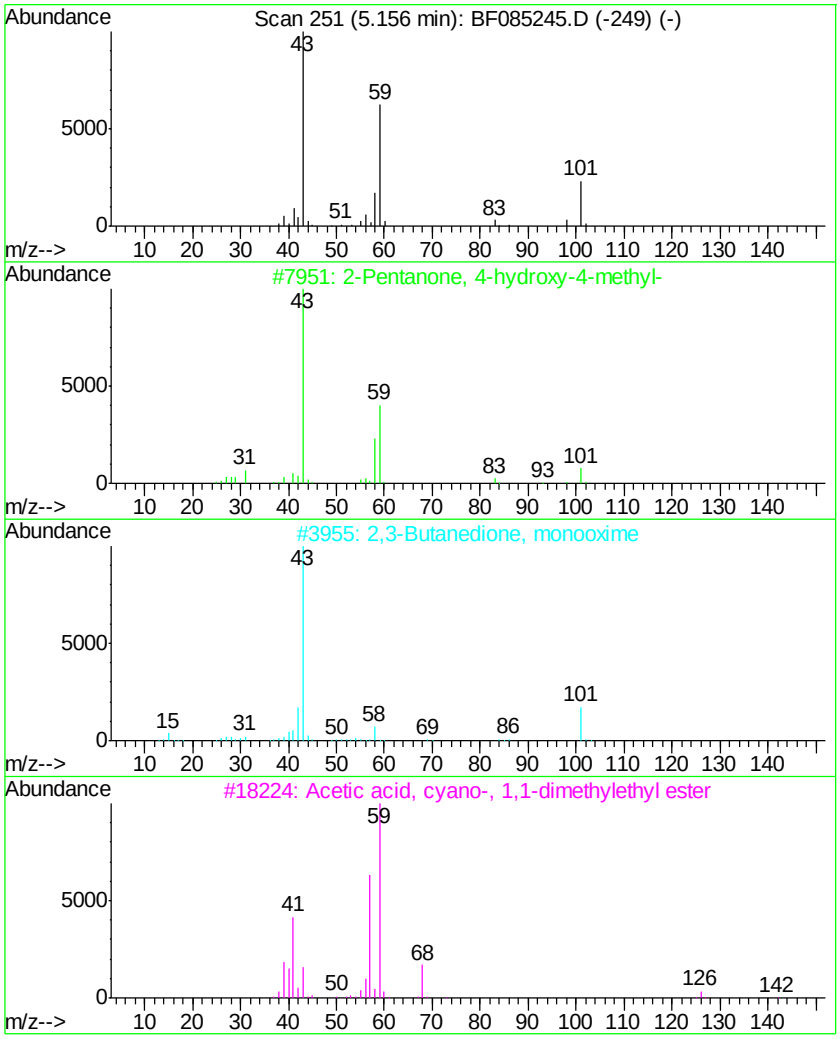
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

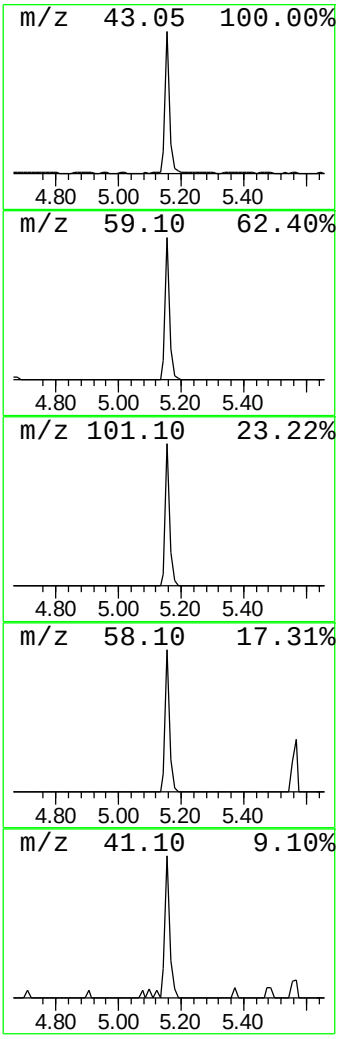
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	17.45 ng	142791	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Acetone	58	C3H6O	000067-64-1	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-001(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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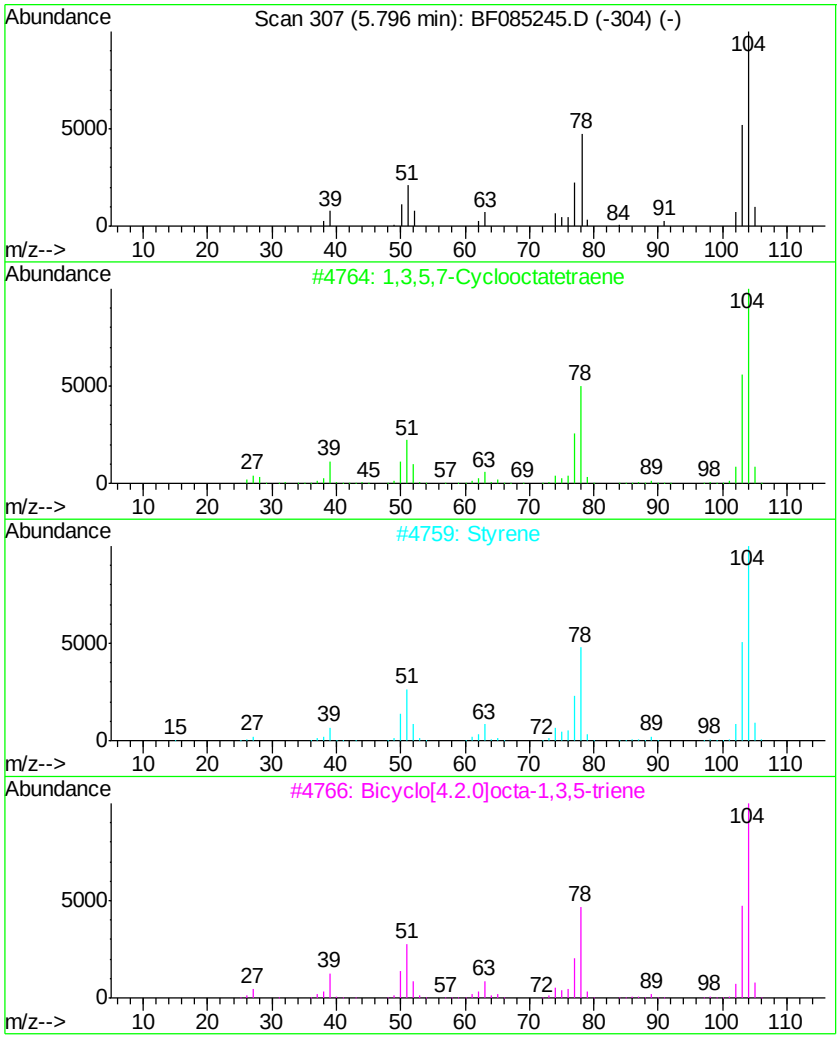
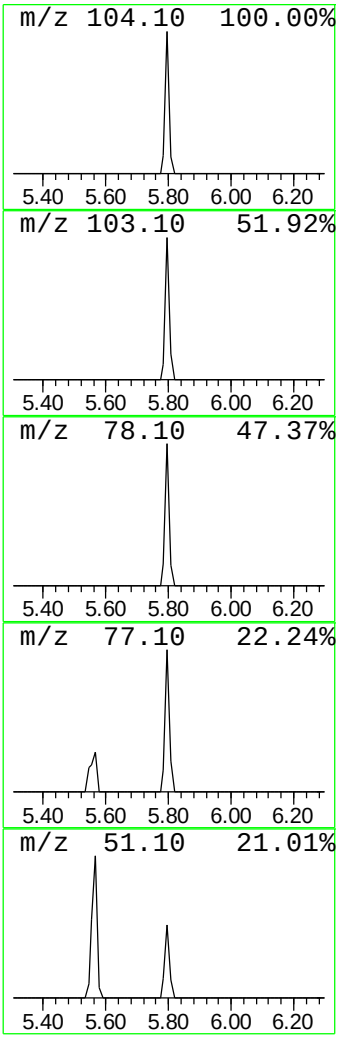
Peak Number 4 1,3,5,7-Cyclooctatetraene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	4.56 ng	37317	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	97
2	Styrene	104	C8H8	000100-42-5	97
3	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	91
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	72
5	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	42





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Operator : SJ/IZ
Sample : H1675-01 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-001(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

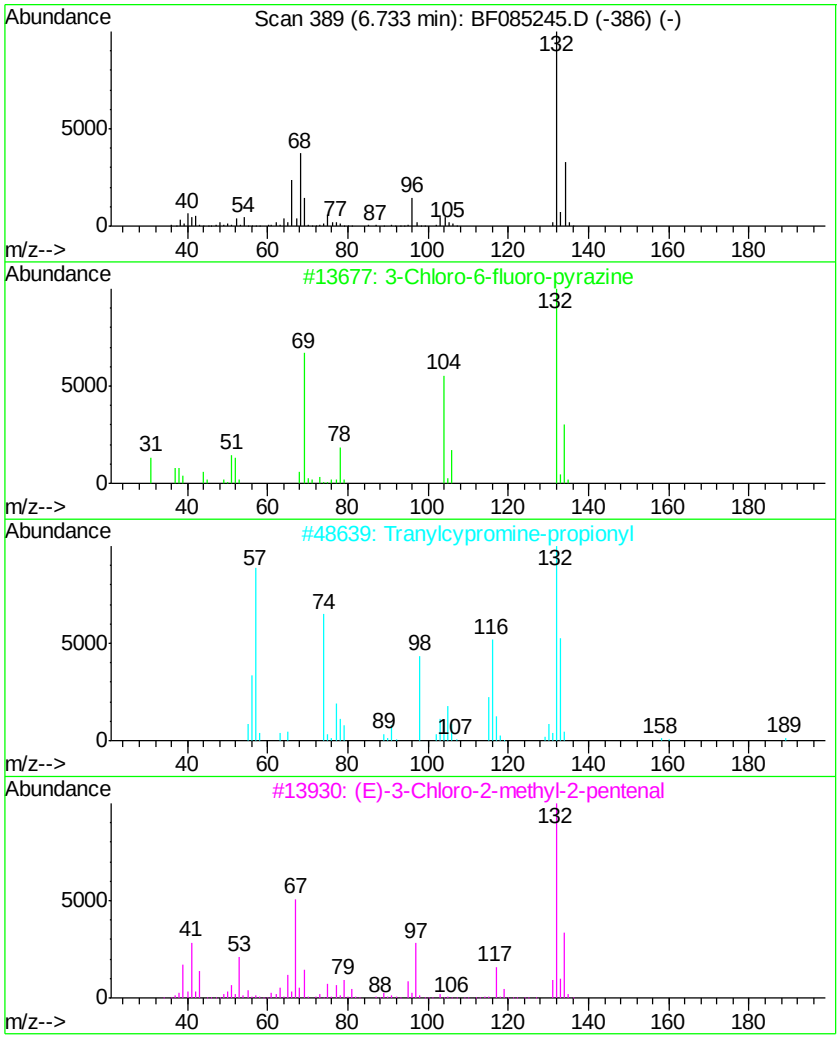
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

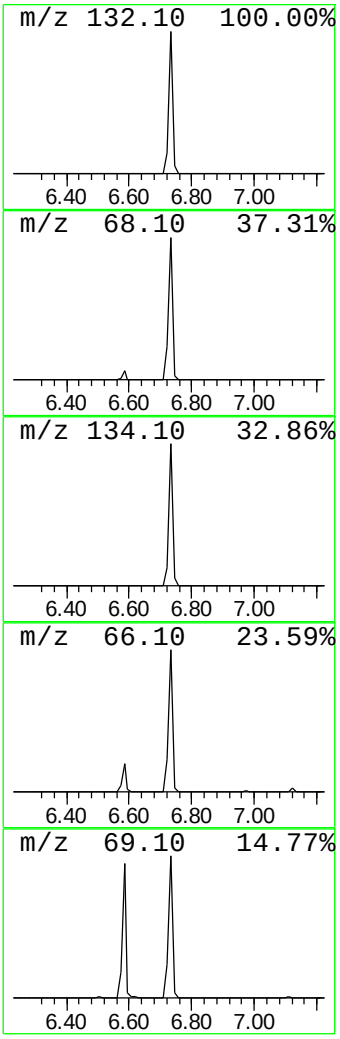
****

Peak Number 5 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	93.41 ng	764317	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Instrument : BNA_F
ClientSampleId : SP-001(0-2)

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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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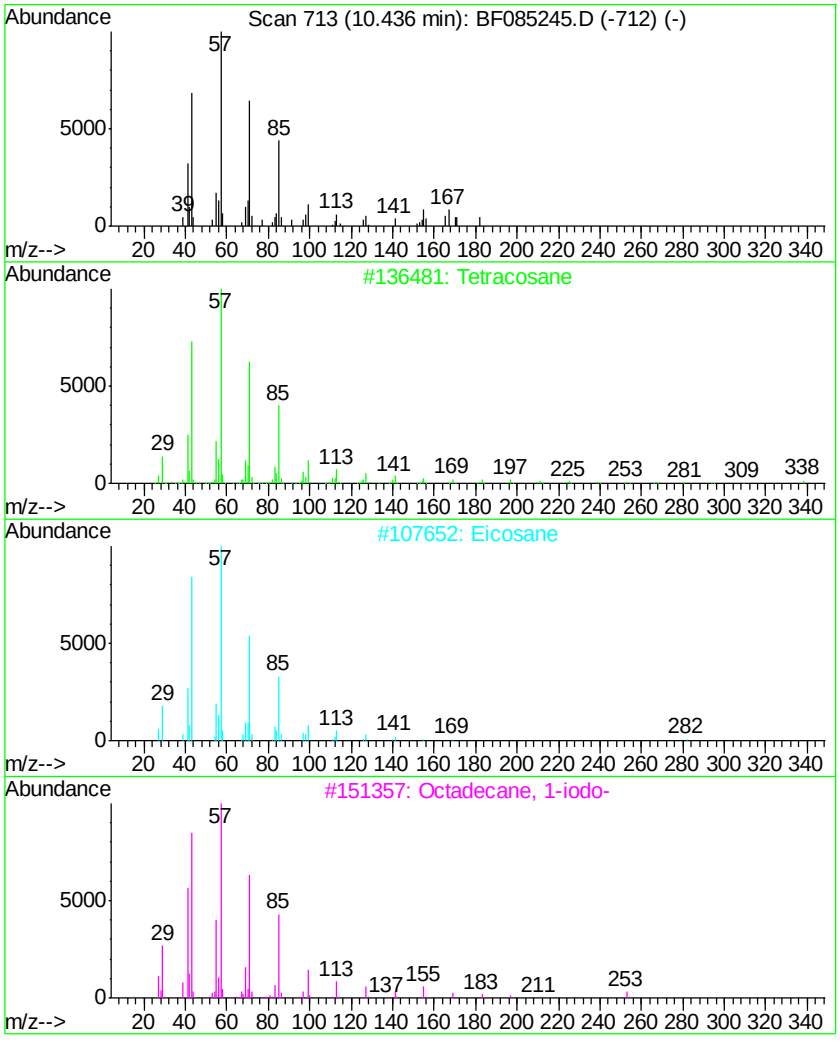
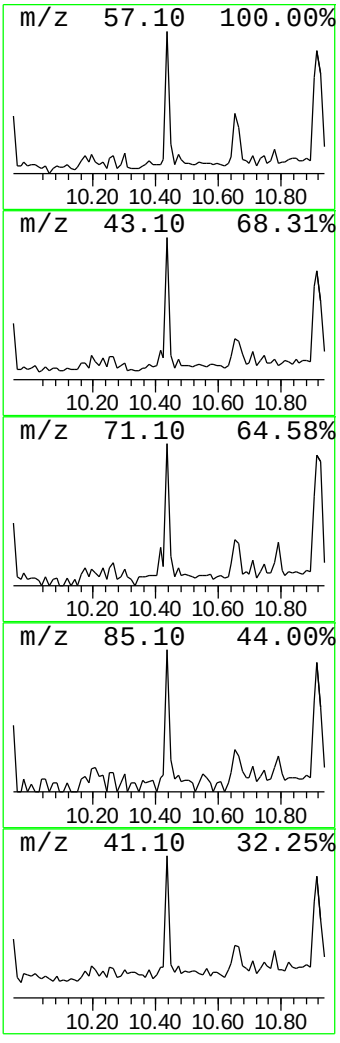
Peak Number 7 Tetracosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	3.82 ng	42949	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	68
2	Eicosane	282	C20H42	000112-95-8	68
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
4	Hexadecane	226	C16H34	000544-76-3	64
5	Pentadecane	212	C15H32	000629-62-9	64





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Operator : SJ/IZ
Sample : H1675-01 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-001(0-2)

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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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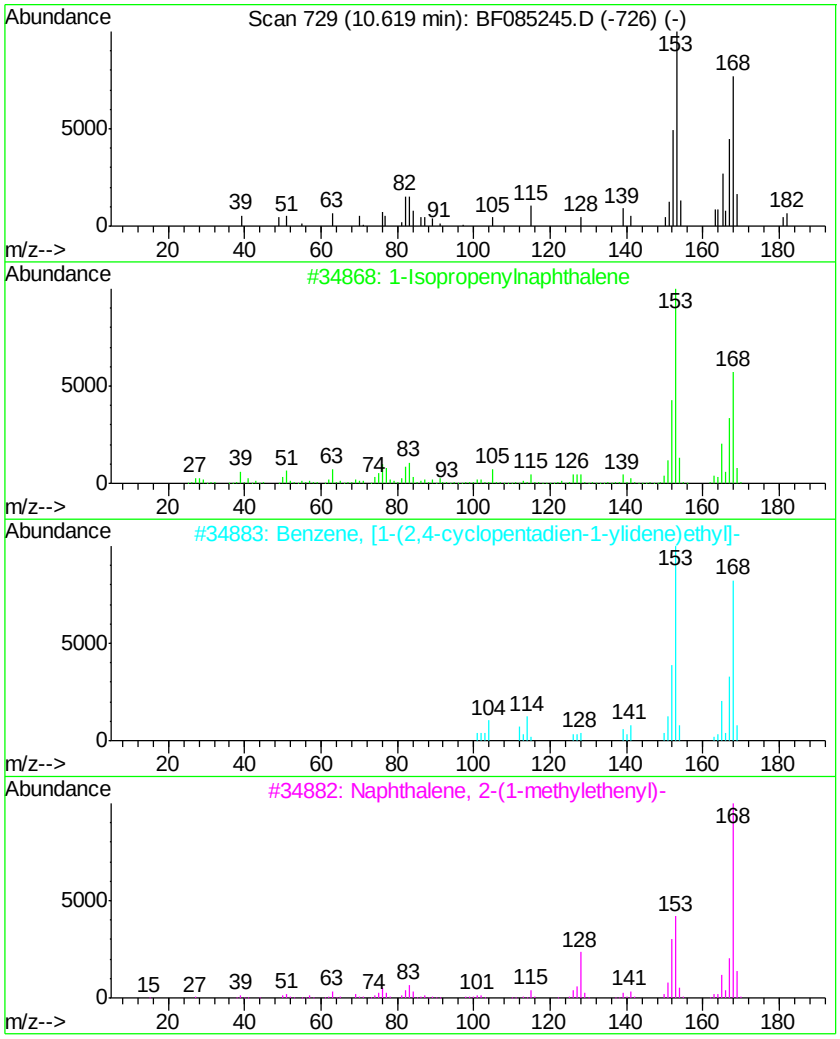
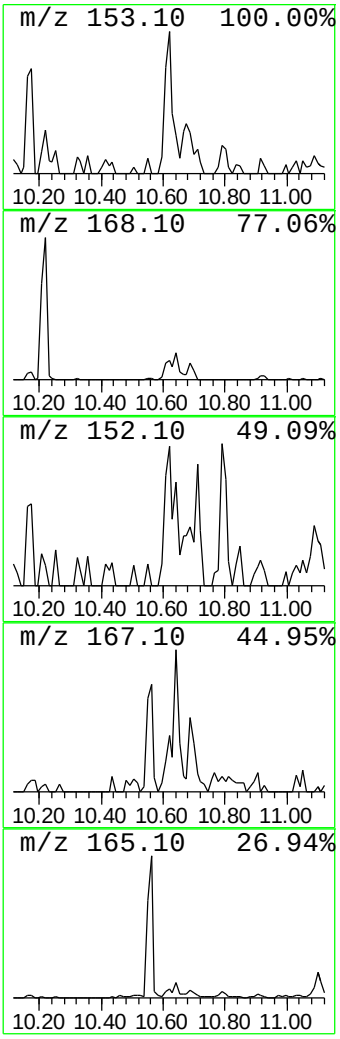
Peak Number 8 1-Isopropenylnaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	4.90 ng	55160	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	93
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	93
3	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	53
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	50
5	(1R)-(-)-Thiocamphor	168	C10H16S	053402-10-1	49





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Sample : H1675-01 5X
Misc :
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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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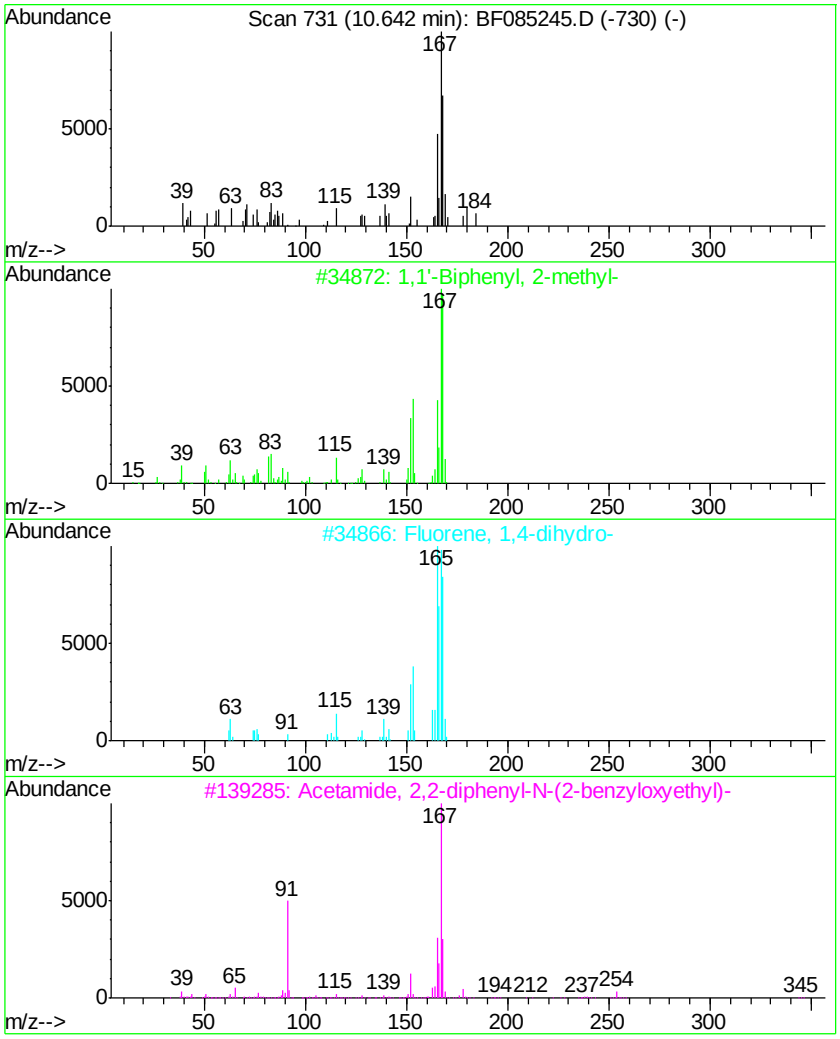
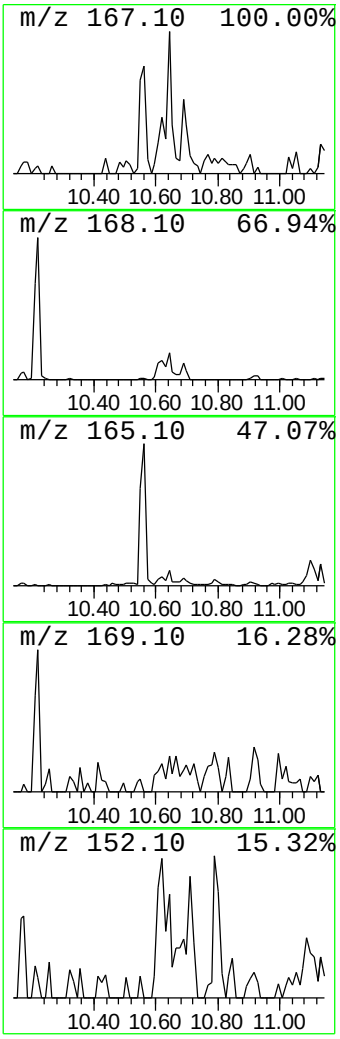
Peak Number 9 1,1'-Biphenyl, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	6.09 ng	68529	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58
2	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	52
3	Acetamide, 2,2-diphenyl-N-(2-ben...	345	C23H23NO2	329919-60-0	50
4	Diphenylmethane	168	C13H12	000101-81-5	50
5	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	49





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

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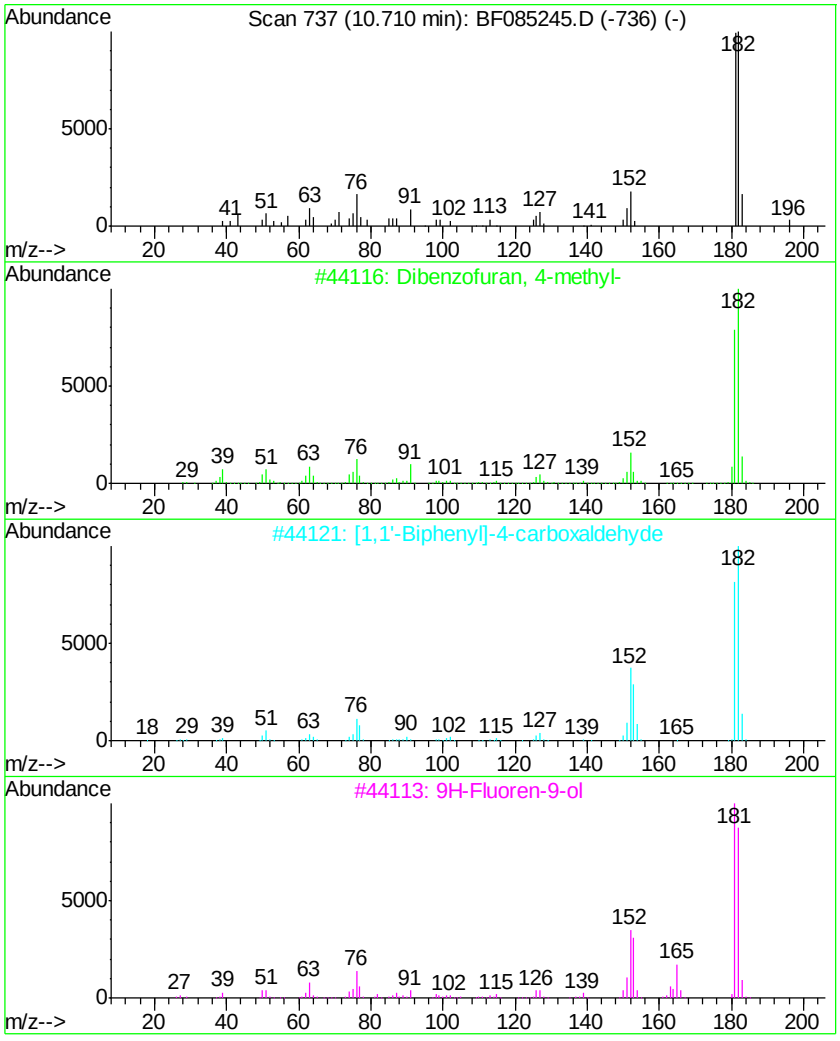
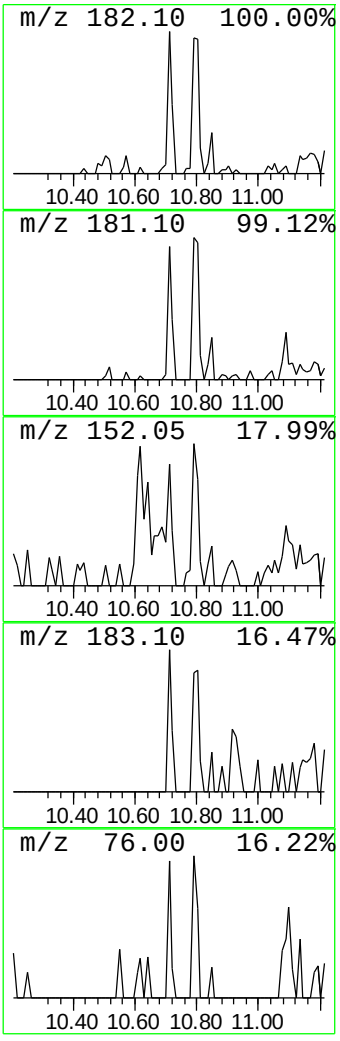
Peak Number 10 Dibenzofuran, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	3.92 ng	44180	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	59
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	56





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Misc :
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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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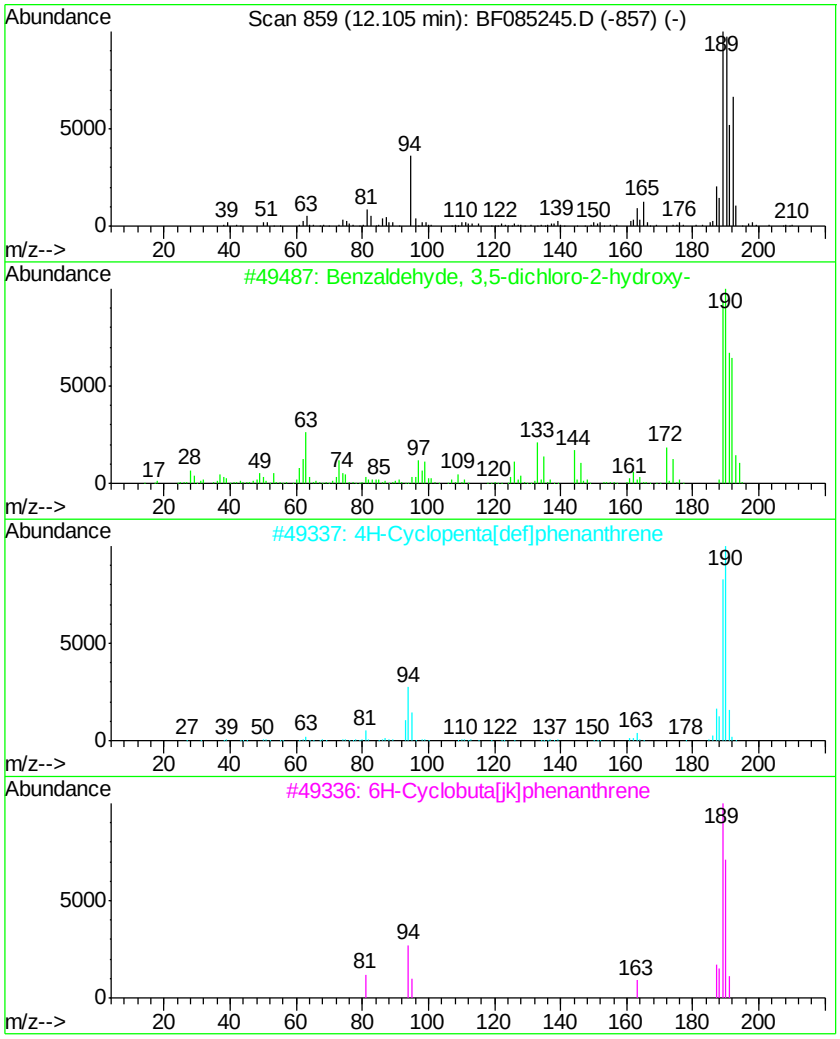
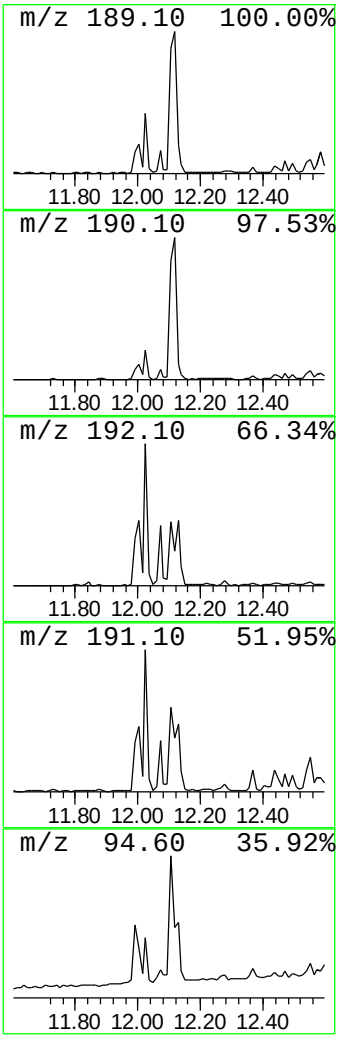
Peak Number 11 Benzaldehyde, 3,5-dichloro-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	4.84 ng	489684	Phenanthrene-d10	11.50

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	62
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
5	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27





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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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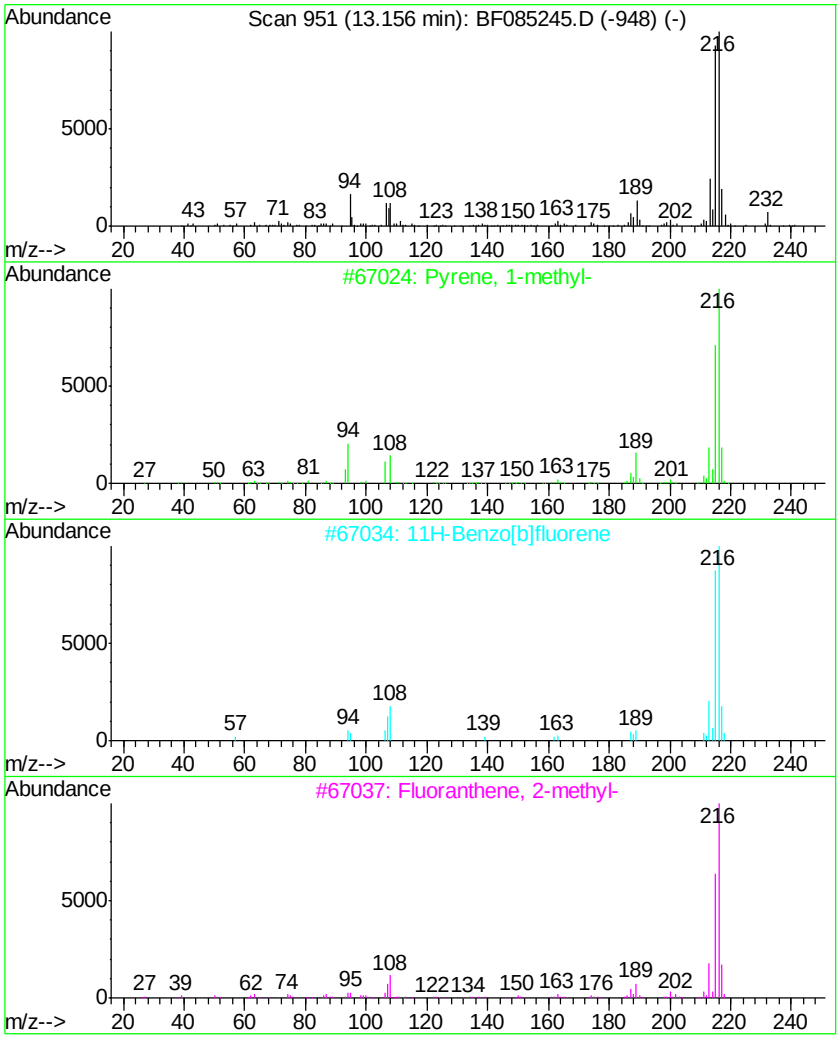
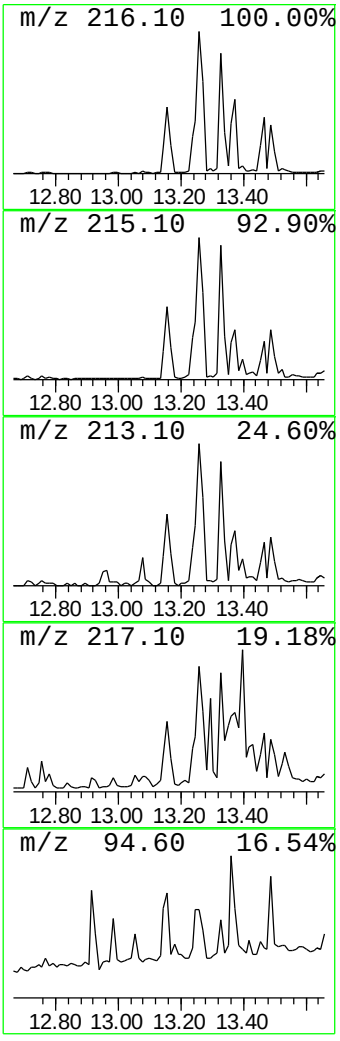
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	4.04 ng	341782	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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TIC Library : C:\DATABASE\NIST02.L
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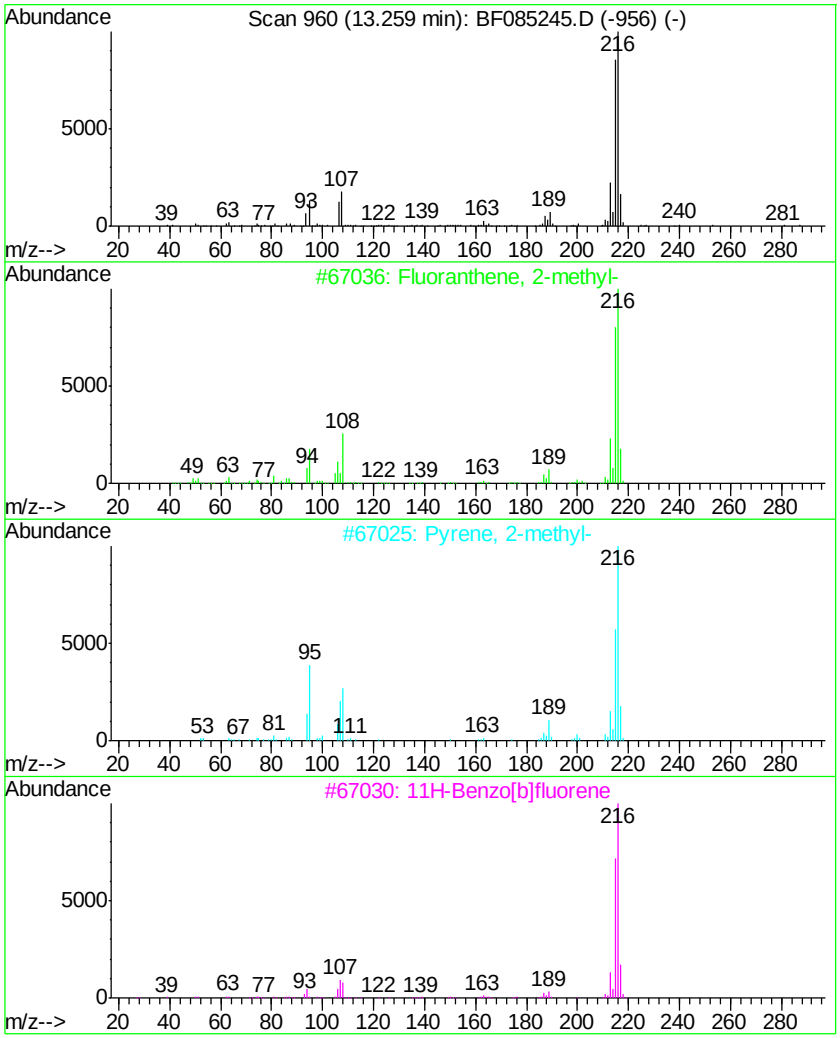
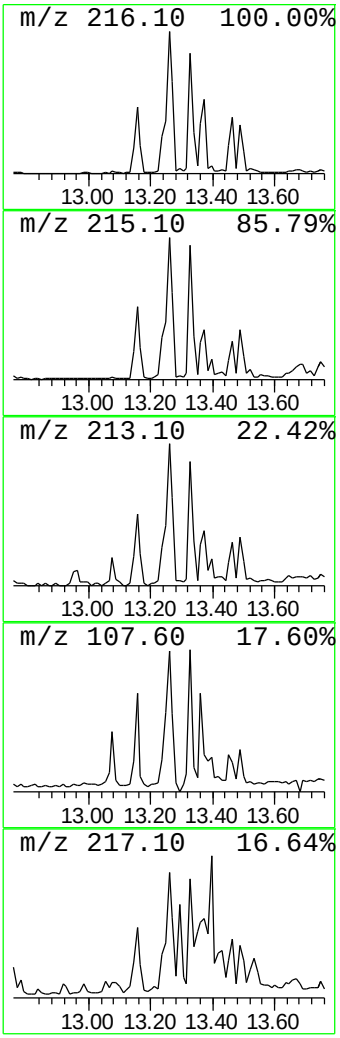
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	5.22 ng	441488	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





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TIC Integration Parameters: LSCINT.P

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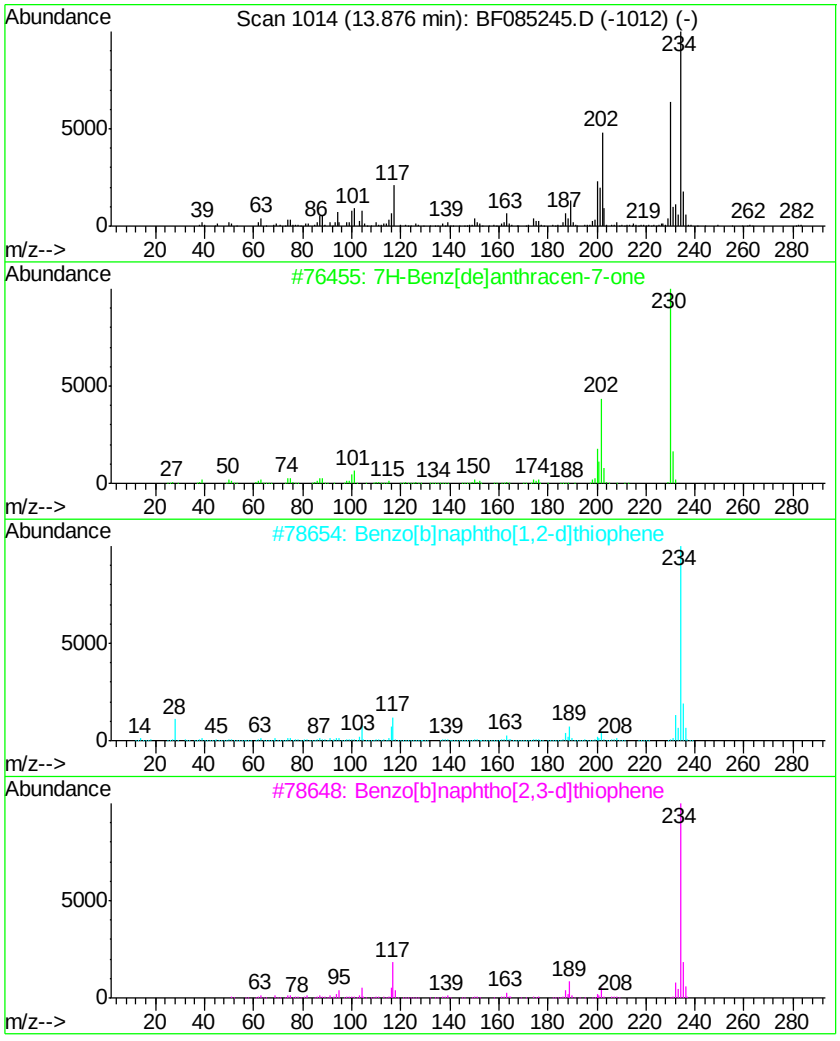
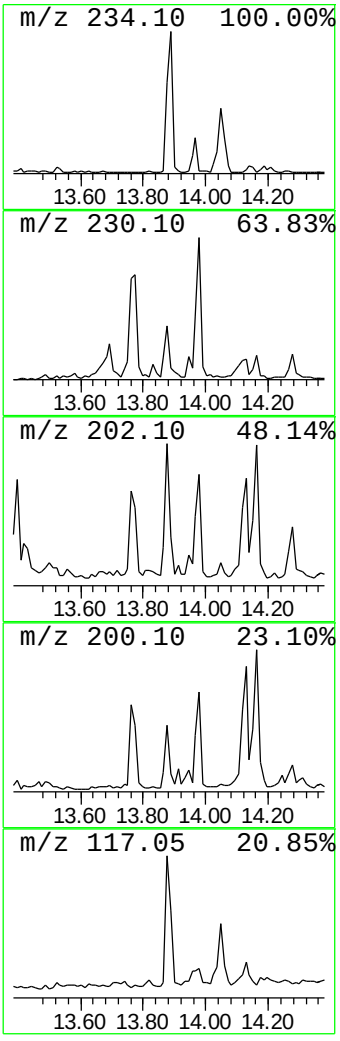
Peak Number 14 7H-Benz[de]anthracen-7-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	3.68 ng	310761	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86
2	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	86
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	64
5	2-Amino-6-t-butyl-3-cyano-4,5,6,...	234	C13H18N2S	042159-76-2	22





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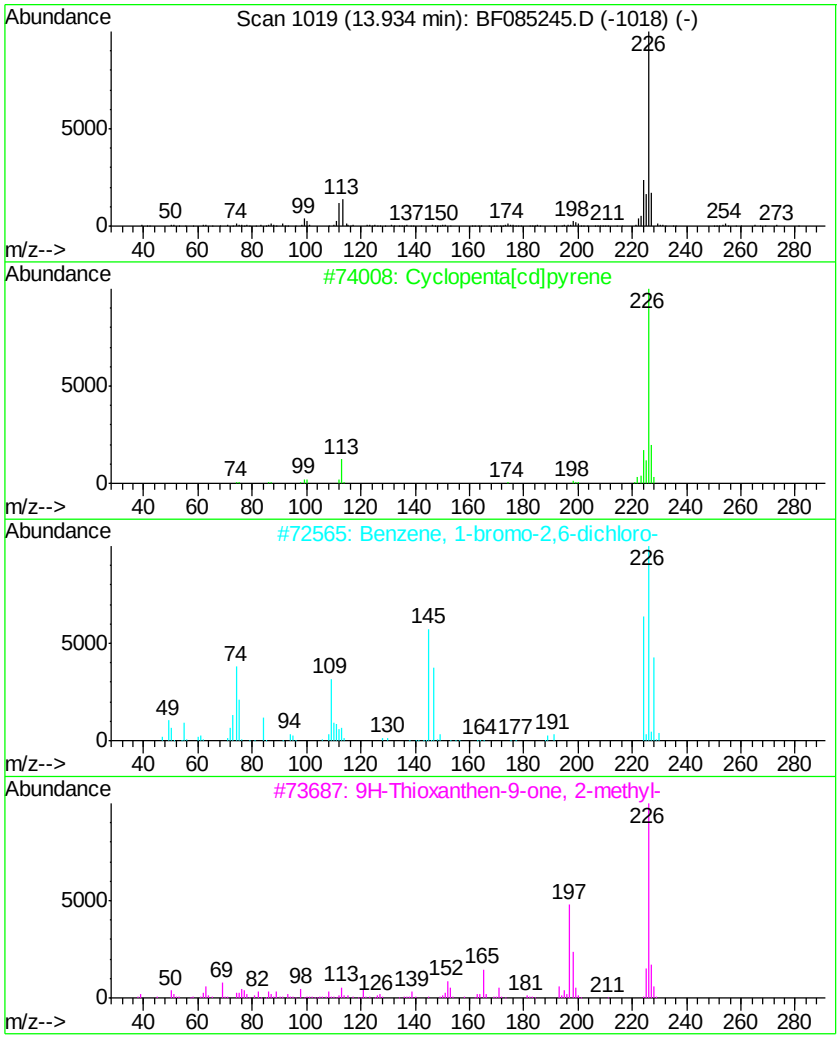
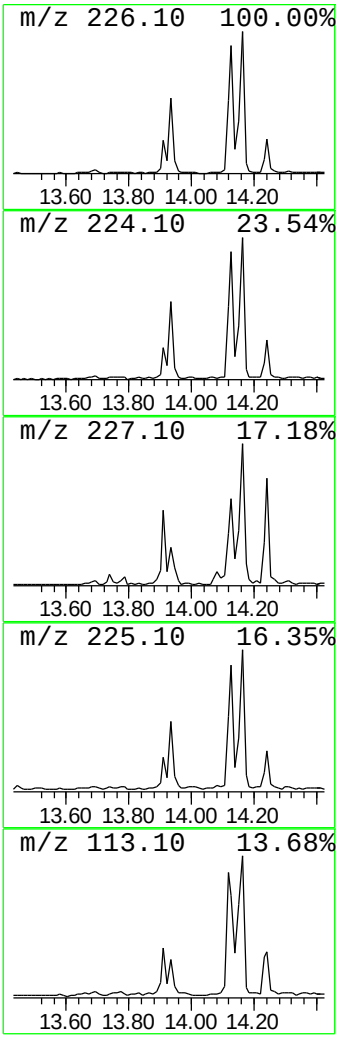
Peak Number 15 Cyclopenta[cd]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	3.08 ng	260185	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	81
2	Benzene, 1-bromo-2,6-dichloro-	224	C6H3BrCl2	019393-92-1	64
3	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	58
4	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	53
5	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	53





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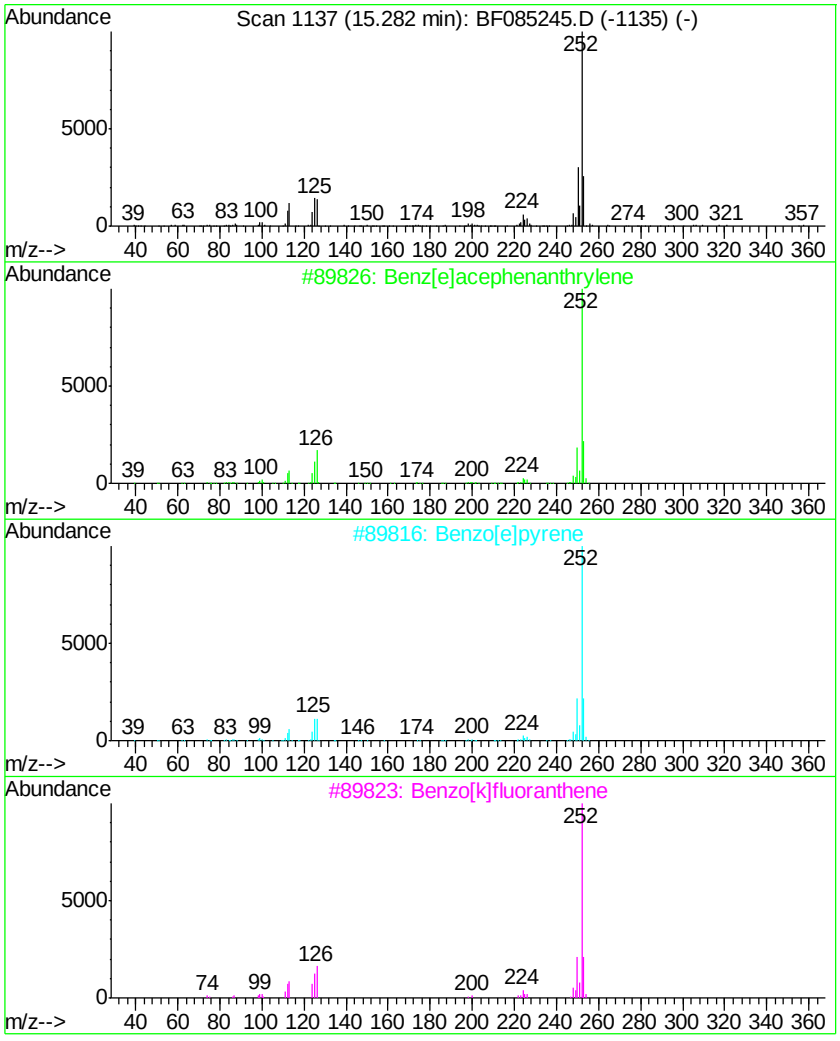
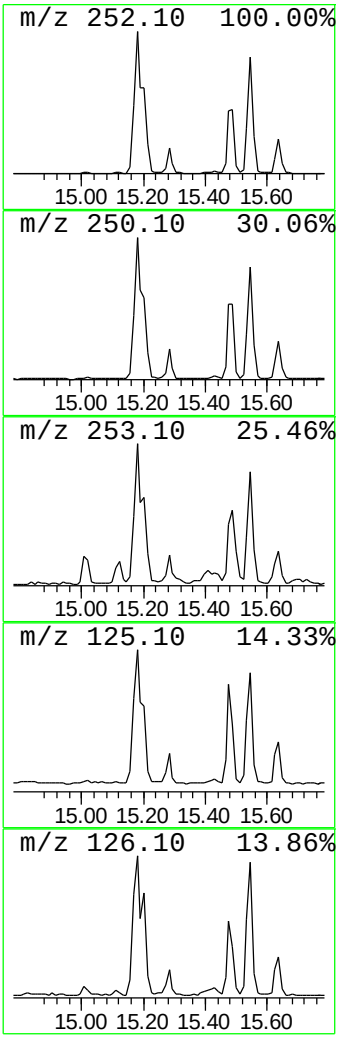
Peak Number 16 Benz[e]acephenanthrylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	22.99 ng	193722	Perylene-d12	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Perylene	252	C20H12	000198-55-0	81





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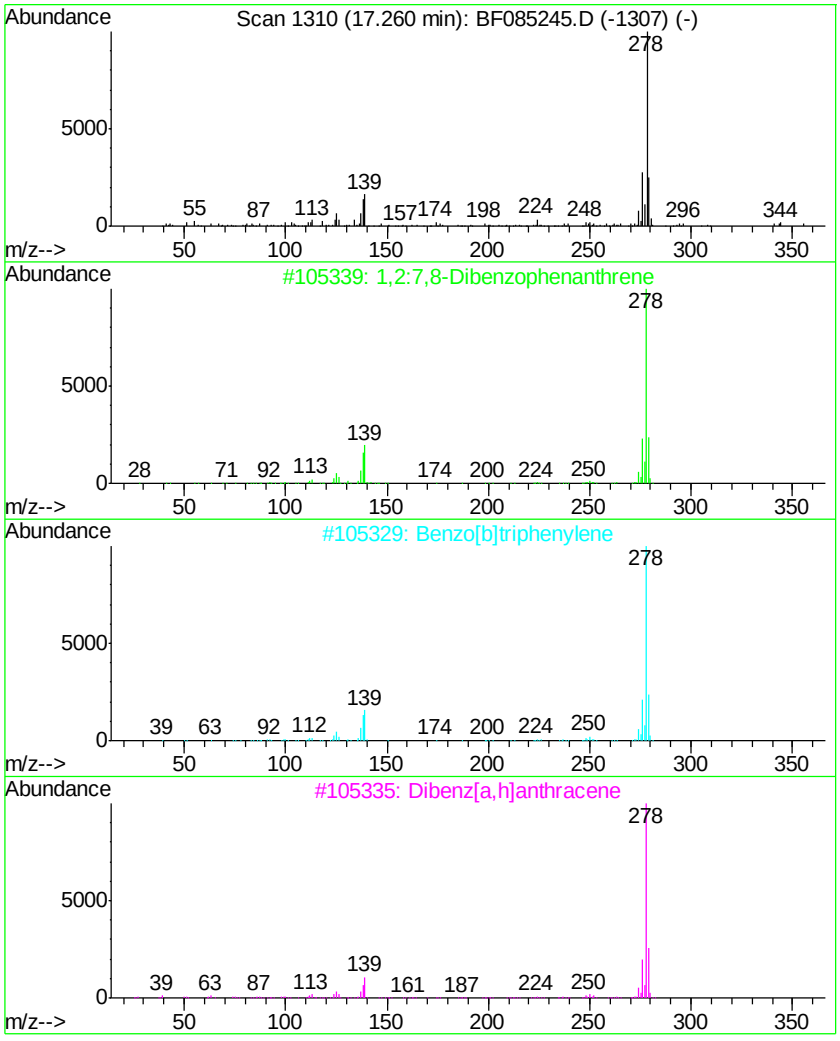
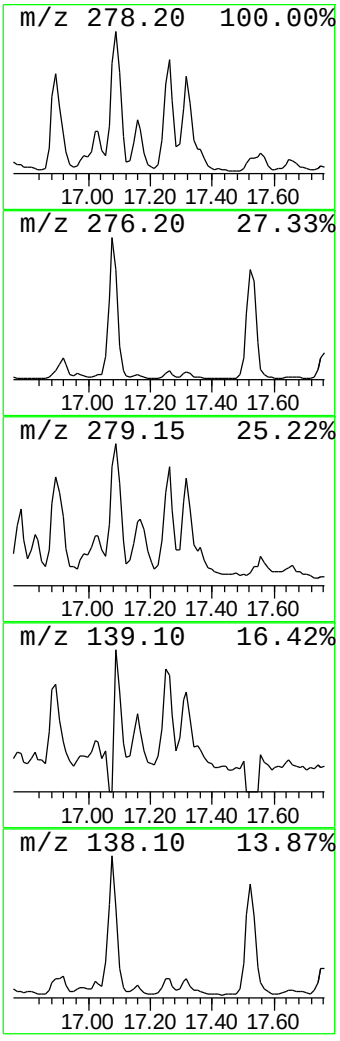
Peak Number 18 1,2:7,8-Dibenzophenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	15.74 ng	132600	Perylene-d12	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	98
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
4	Benzo[b]chrysene	278	C22H14	000214-17-5	96
5	Pentacene	278	C22H14	000135-48-8	95





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Misc :
ALS Vial : 42 Sample Multiplier: 1

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ClientSampleId : SP-001(0-2)

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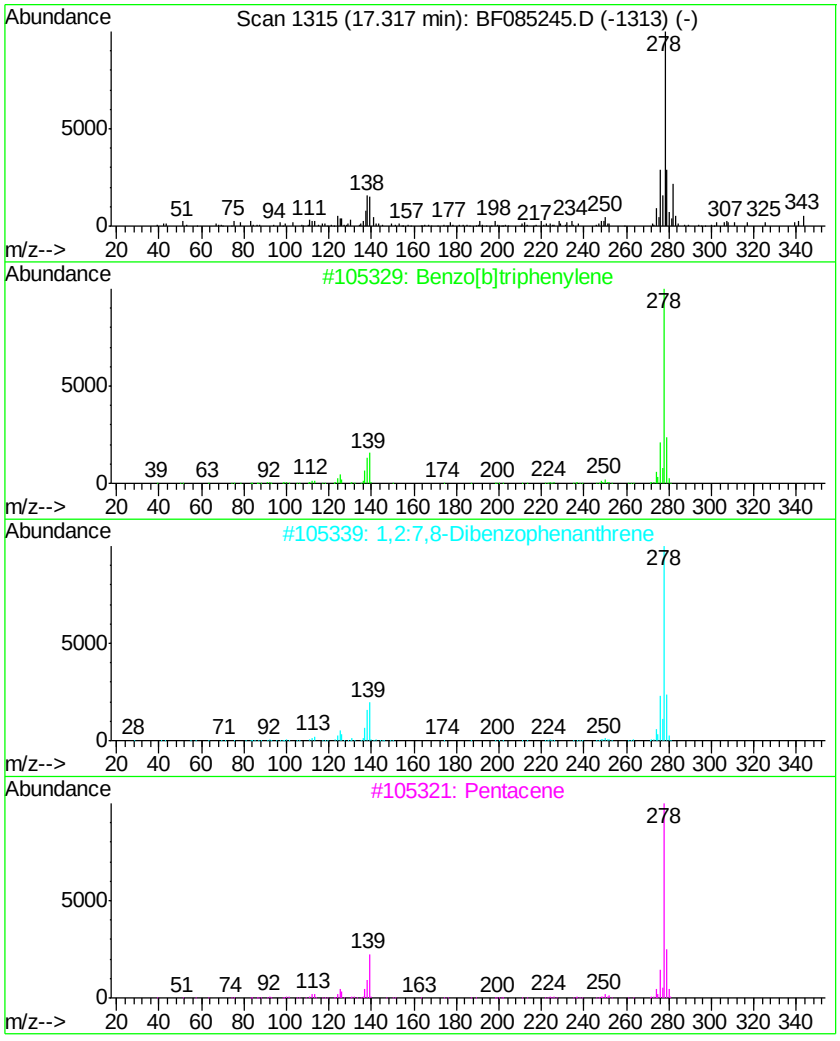
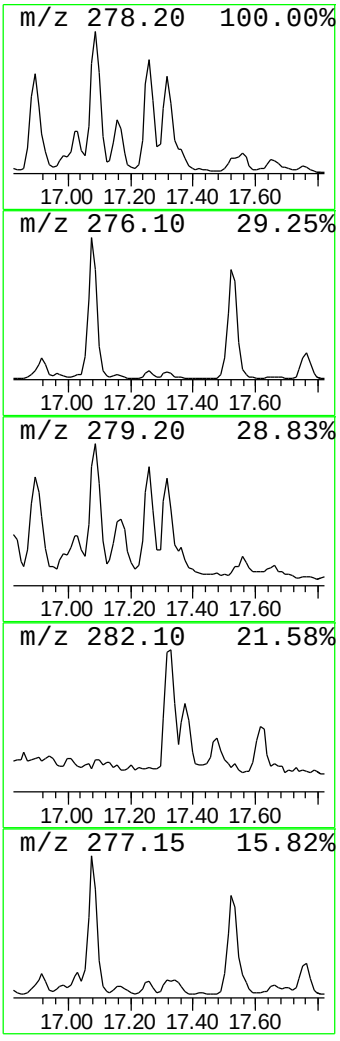
Peak Number 19 Benzo[b]triphenylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.32	25.65 ng	216158	Perylene-d12	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	91
2	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	90
3	Pentacene	278	C22H14	000135-48-8	83
4	Benzo[a]naphthacene	278	C22H14	000226-88-0	83
5	Benzo[b]chrysene	278	C22H14	000214-17-5	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085245.D
Acq On : 5 Mar 2016 10:57
Operator : SJ/IZ
Sample : H1675-01 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-001(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

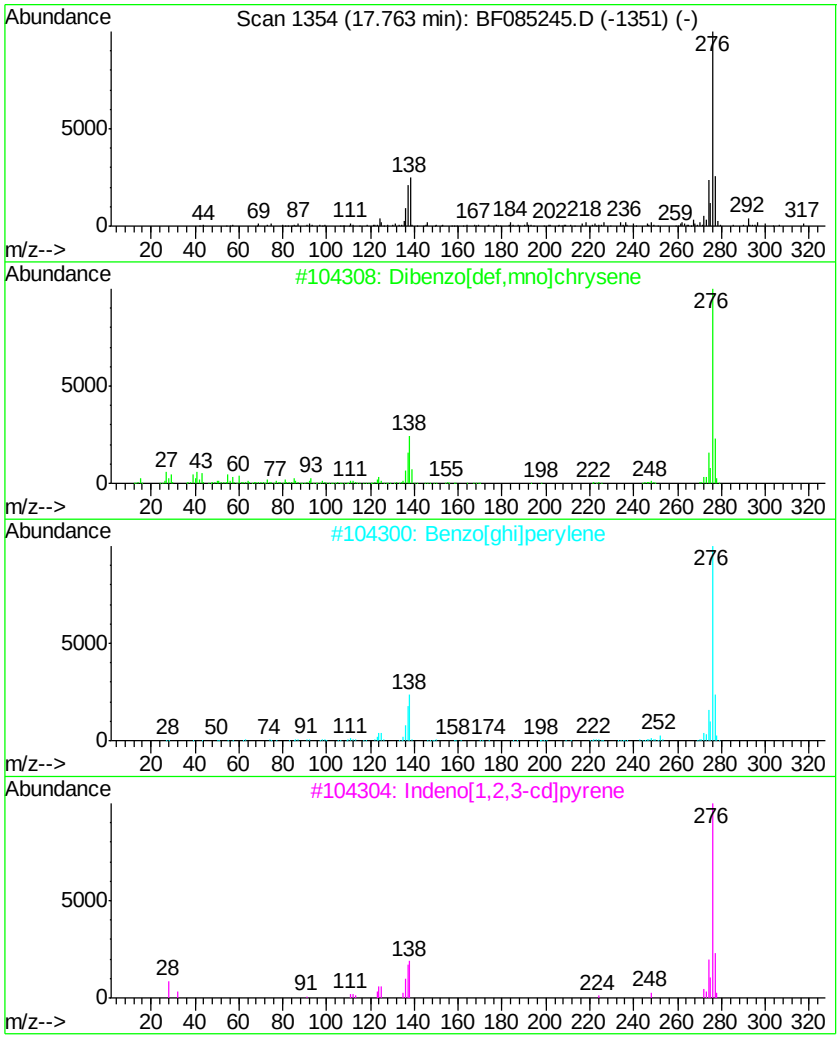
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

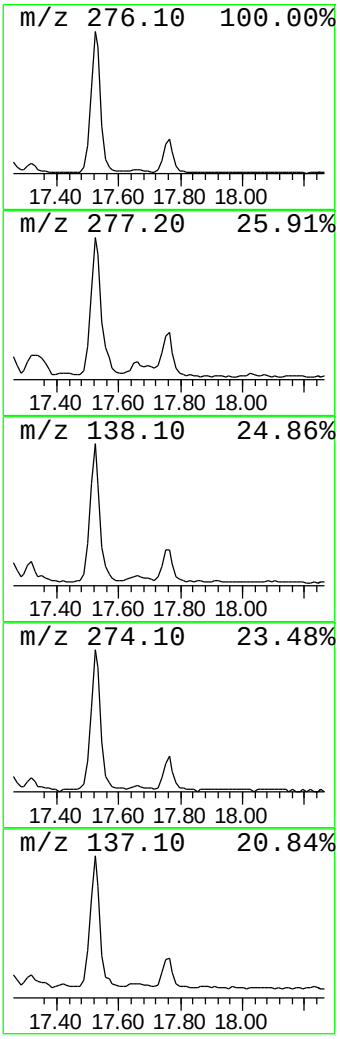
****

Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	20.05 ng	168981	Perylene-d12	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	94
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	87
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	64
5	Naphthalen-1-yl-(3-nitro-benzyli...	276	C17H12N2O2	200421-53-0	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085245.D
Acq On : 5 Mar 2016 10:57
Operator : SJ/IZ
Sample : H1675-01 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-001(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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
Spiro[2.4]hepta-4...	4.00	6.0	ng	49083	1	6.97	163644	20.0
Tetrachloroethylene	4.68	4.0	ng	32694	1	6.97	163644	20.0
2-Pentanone, 4-hy...	5.16	17.4	ng	142791	1	6.97	163644	20.0
1,3,5,7-Cycloocta...	5.80	4.6	ng	37317	1	6.97	163644	20.0
unknown6.73	6.73	93.4	ng	764317	1	6.97	163644	20.0
Tetracosane	10.44	3.8	ng	42949	3	10.01	225143	20.0
1-Isopropenylnaph...	10.62	4.9	ng	55160	3	10.01	225143	20.0
1,1'-Biphenyl, 2-...	10.64	6.1	ng	68529	3	10.01	225143	20.0
Dibenzofuran, 4-m...	10.71	3.9	ng	44180	3	10.01	225143	20.0
Benzaldehyde, 3,5...	12.10	4.8	ng	489684	4	11.50	2023120	20.0
Pyrene, 1-methyl-	13.16	4.0	ng	341782	5	14.14	1690340	20.0
Fluoranthene, 2-m...	13.26	5.2	ng	441488	5	14.14	1690340	20.0
7H-Benz[de]anthra...	13.88	3.7	ng	310761	5	14.14	1690340	20.0
Cyclopenta[cd]pyrene	13.93	3.1	ng	260185	5	14.14	1690340	20.0
Benz[e]acephenant...	15.28	23.0	ng	193722	6	15.60	168518	20.0
1,2:7,8-Dibenzoph...	17.26	15.7	ng	132600	6	15.60	168518	20.0
Benzo[b]triphenylene	17.32	25.6	ng	216158	6	15.60	168518	20.0
Dibenzo[def,mno]c...	17.76	20.1	ng	168981	6	15.60	168518	20.0