LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085322.D
Acq On : 10 Mar 2016 2:20
Operator : UM/SJ
Sample : H1722-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-33(0.5-2.0)

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	5.167	249	252	258	rVB	252522	392032	7.29%	0.659%
2	5.556	283	286	288	rBV	3740029	4703994	87.42%	7.904%
3	6.573	372	375	378	rVB	3413415	5006838	93.05%	8.413%
4	6.710	384	387	390	rBV	3594318	5381052	100.00%	9.042%
5	6.939	405	407	410	rBV	872796	1078994	20.05%	1.813%
6	7.099	419	421	424	rVB	3342625	3879822	72.10%	6.519%
7	7.510	453	457	459	rBV	3072462	3443146	63.99%	5.786%
8	7.590	461	464	467	rVB	98785	174601	3.24%	0.293%
9	7.945	493	495	499	rVB2	36255	65152	1.21%	0.109%
10	8.230	517	520	522	rBV	1662026	1578059	29.33%	2.652%
11	9.305	611	614	617	rBV	4377719	5104999	94.87%	8.578%
12	9.648	641	644	646	rBV2	45377	83444	1.55%	0.140%
13	9.705	646	649	650	rVB	948873	1191323	22.14%	2.002%
14	9.911	665	667	669	rVV	96374	129417	2.41%	0.217%
15	9.991	671	674	675	rVV	1361329	1610659	29.93%	2.706%
16	10.013	675	676	678	rVB	76541	80145	1.49%	0.135%
17	10.185	689	691	694	rVV3	62602	84473	1.57%	0.142%
18	10.413	707	711	713	rBV	226819	271934	5.05%	0.457%
19	10.528	720	721	724	rVB	79138	95742	1.78%	0.161%
20	10.642	728	731	734	rBV2	62807	136701	2.54%	0.230%
21	10.779	740	743	745	rBV	3399984	3467875	64.45%	5.827%
22	10.893	751	753	759	rVB	209324	299636	5.57%	0.503%
23	11.076	767	769	773	rBV3	51537	123126	2.29%	0.207%
24	11.271	784	786	789	rVB	64282	70628	1.31%	0.119%
25	11.339	789	792	793	rBV2	151669	170594	3.17%	0.287%
26	11.362	793	794	798	rVB	83246	114754	2.13%	0.193%
27	11.476	801	804	807	rBV	1517800	2806585	52.16%	4.716%
28	11.545	807	810	812	rVB	323696	317283	5.90%	0.533%
29	11.648	815	819	821	rVB4	31840	64054	1.19%	0.108%
30	11.694	821	823	828	rBV2	289843	371042	6.90%	0.623%
31	11.762	828	829	831	rVB	92995	85633	1.59%	0.144%
32	11.865	835	838	841	rVB2	24501	56792	1.06%	0.095%
33	12.002	845	850	852	rBV	472271	683651	12.70%	1.149%
34	12.048	852	854	855	rVV2	84733	88245	1.64%	0.148%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085322.D
Acq On : 10 Mar 2016 2:20
Operator : UM/SJ
Sample : H1722-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-33(0.5-2.0)

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	12.082	855	857	861	rVB	259853	413022	7.68%	0.694%
36	12.174	861	865	867	rBV	74604	107007	1.99%	0.180%
37	12.265	869	873	877	rBV2	128082	275149	5.11%	0.462%
38	12.448	888	889	892	rVB	55574	70335	1.31%	0.118%
39	12.516	893	895	897	rBV	103620	160755	2.99%	0.270%
40	12.562	897	899	901	rVV	94509	137736	2.56%	0.231%
41	12.608	901	903	907	rVB	77247	88074	1.64%	0.148%
42	12.688	907	910	912	rBV	1411620	1373526	25.53%	2.308%
43	12.779	916	918	922	rVV3	170957	231814	4.31%	0.390%
44	12.917	926	930	932	rVV	1163404	1389699	25.83%	2.335%
45	12.962	932	934	936	rVB2	60546	78295	1.46%	0.132%
46	13.065	940	943	945	rVV	4065616	4341278	80.68%	7.295%
47	13.134	945	949	953	rVB3	82161	124224	2.31%	0.209%
48	13.237	955	958	960	rVB	132150	224849	4.18%	0.378%
49	13.305	962	964	966	rVV	105226	109405	2.03%	0.184%
50	13.339	966	967	971	rVB3	99686	164320	3.05%	0.276%
51	13.431	974	975	977	rBV	49949	72284	1.34%	0.121%
52	13.465	977	978	980	rVB	86900	71208	1.32%	0.120%
53	13.637	990	993	997	rBV6	31595	98283	1.83%	0.165%
54	13.739	1000	1002	1005	rVB	72552	117532	2.18%	0.197%
55	13.854	1009	1012	1014	rBV2	83951	147652	2.74%	0.248%
56	13.888	1014	1015	1016	rVV	89437	73888	1.37%	0.124%
57	13.911	1016	1017	1019	rVV2	59867	82457	1.53%	0.139%
58	13.945	1019	1020	1025	rVB	301898	456740	8.49%	0.767%
59	14.105	1031	1034	1041	rBV2	1028771	1958676	36.40%	3.291%
60	14.220	1041	1044	1045	rBV2	48520	70863	1.32%	0.119%
61	14.494	1066	1068	1070	rBV	91553	95946	1.78%	0.161%
62	14.585	1073	1076	1078	rBV3	72909	132460	2.46%	0.223%
63	14.620	1078	1079	1083	rVV4	57258	93531	1.74%	0.157%
64	14.860	1099	1100	1104	rBV2	149706	229998	4.27%	0.386%
65	14.962	1107	1109	1113	rVB3	58441	79691	1.48%	0.134%
66	15.145	1122	1125	1130	rBV	316899	637734	11.85%	1.072%
67	15.225	1130	1132	1133	rVV	54304	72061	1.34%	0.121%
68	15.248	1133	1134	1137	rVB	62313	73893	1.37%	0.124%
69	15.442	1149	1151	1154	rVB	164991	235851	4.38%	0.396%
70	15.511	1154	1157	1160	rBV	250882	318256	5.91%	0.535%
71	15.568	1160	1162	1164	rBV	493514	757550	14.08%	1.273%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085322.D
Acq On : 10 Mar 2016 2:20
Operator : UM/SJ
Sample : H1722-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-33(0.5-2.0)

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

72	16.037	1201	1203	1206	rVB2	32501	54900	1.02%	0.092%
73	16.094	1206	1208	1210	rBV3	32176	64577	1.20%	0.109%
74	16.277	1222	1224	1230	rVB6	27036	66771	1.24%	0.112%
75	16.460	1238	1240	1245	rVB4	21829	55982	1.04%	0.094%
76	16.860	1270	1275	1279	rBV4	25785	98952	1.84%	0.166%
77	17.031	1286	1290	1295	rVB2	126441	276857	5.15%	0.465%
78	17.203	1303	1305	1308	rBV	28009	68214	1.27%	0.115%
79	17.466	1325	1328	1338	rVV	102560	251026	4.66%	0.422%
80	17.637	1338	1343	1346	rVV5	33046	111815	2.08%	0.188%
81	17.706	1346	1349	1355	rVB	29361	85722	1.59%	0.144%

Sum of corrected areas: 59513283

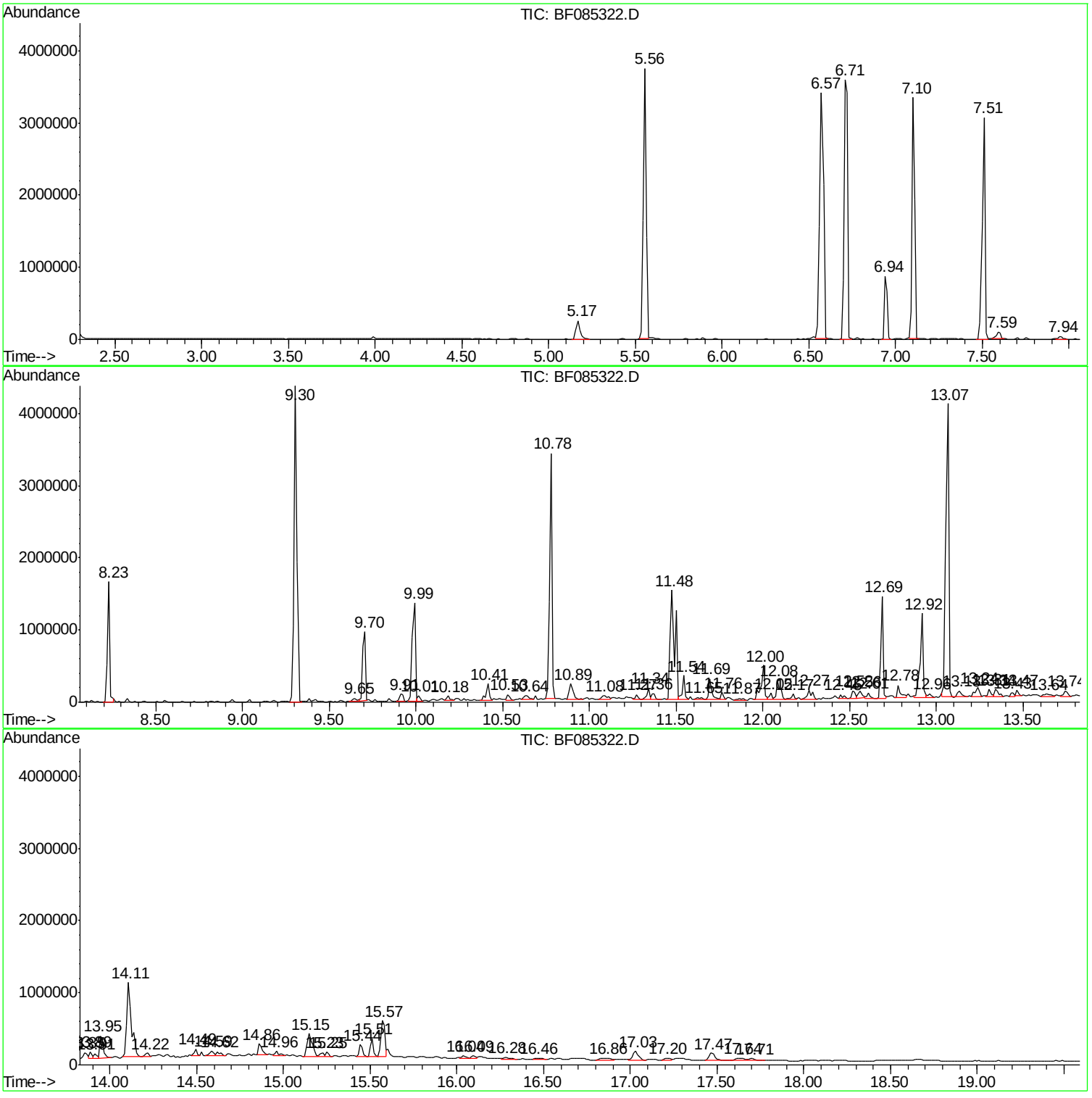
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085322.D
Acq On : 10 Mar 2016 2:20
Operator : UM/SJ
Sample : H1722-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-33(0.5-2.0)

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\BF030916\
Data File : BF085322.D
Acq On : 10 Mar 2016 2:20
Operator : UM/SJ
Sample : H1722-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-33(0.5-2.0)

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

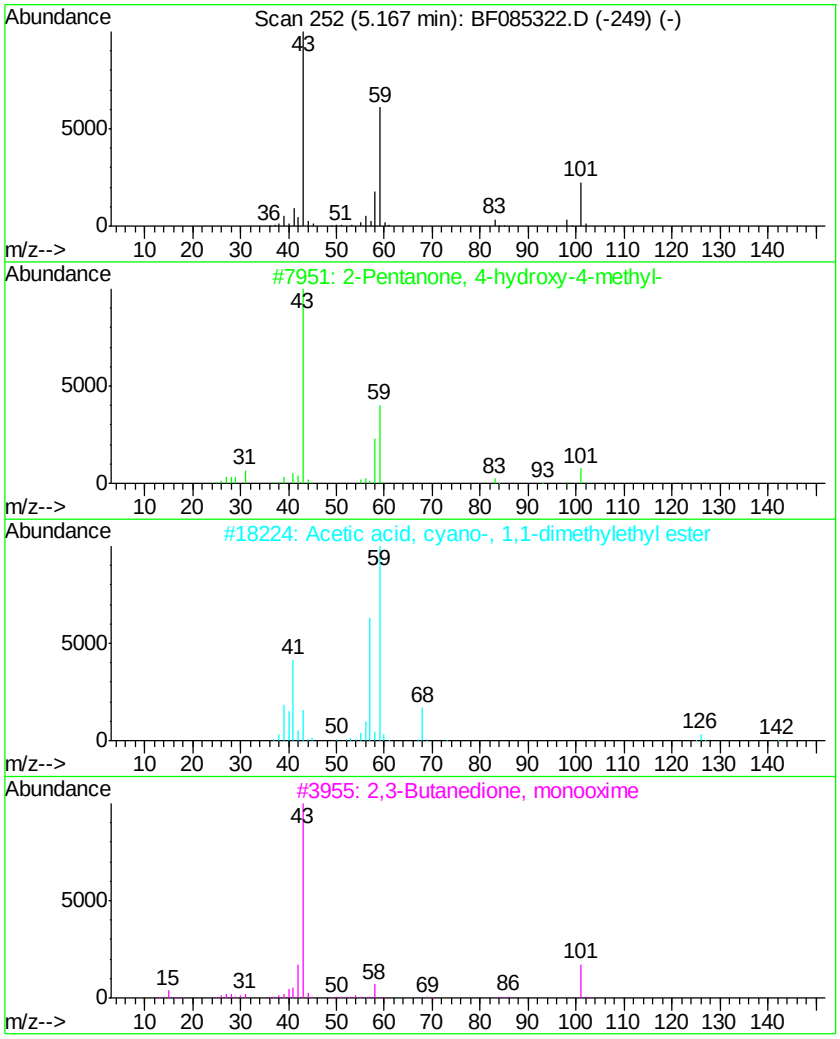
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

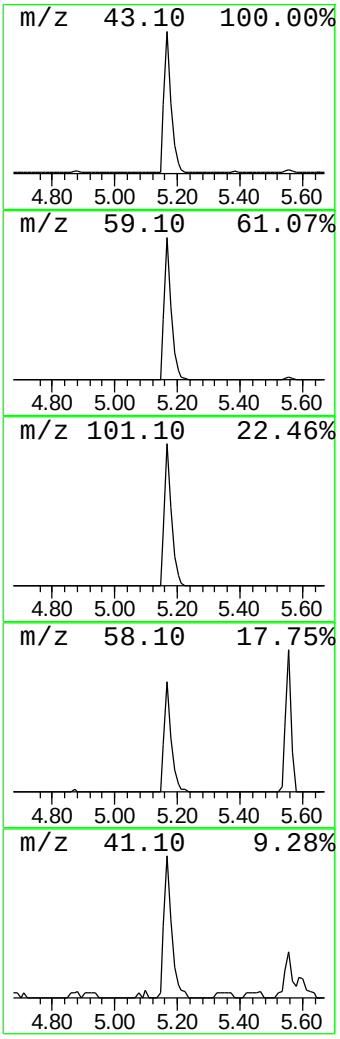
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	7.27 ng	392032	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085322.D
Acq On : 10 Mar 2016 2:20
Operator : UM/SJ
Sample : H1722-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-33(0.5-2.0)

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

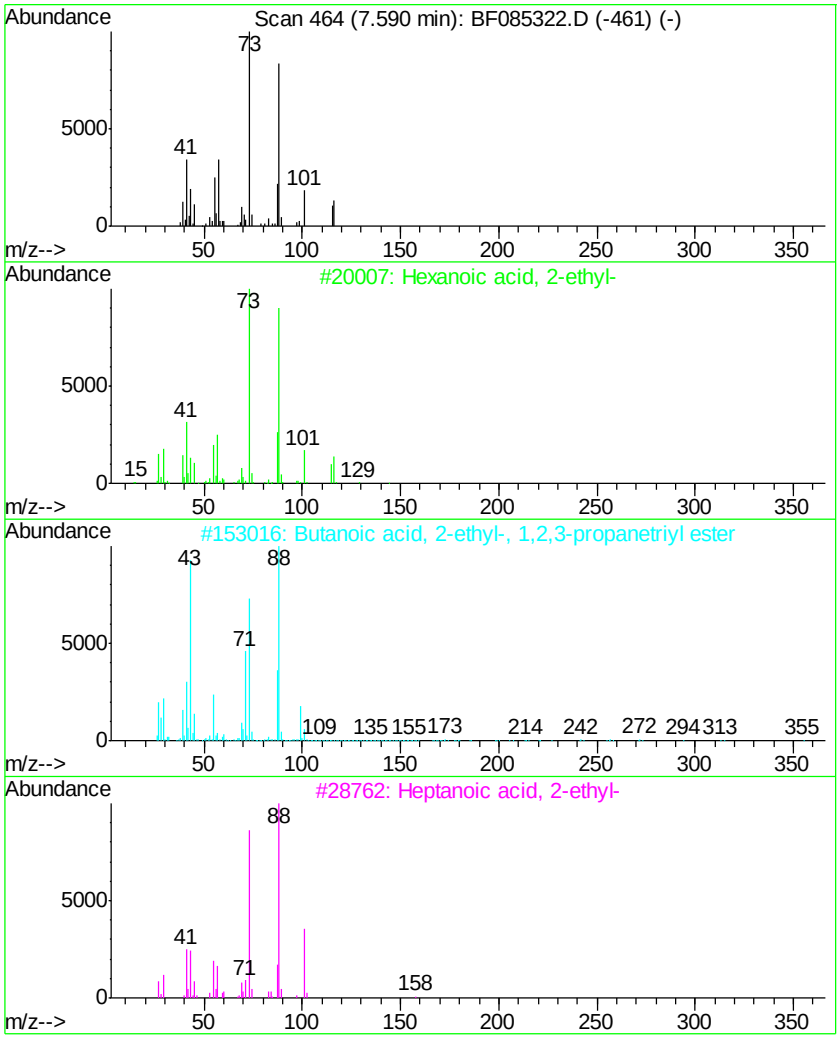
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

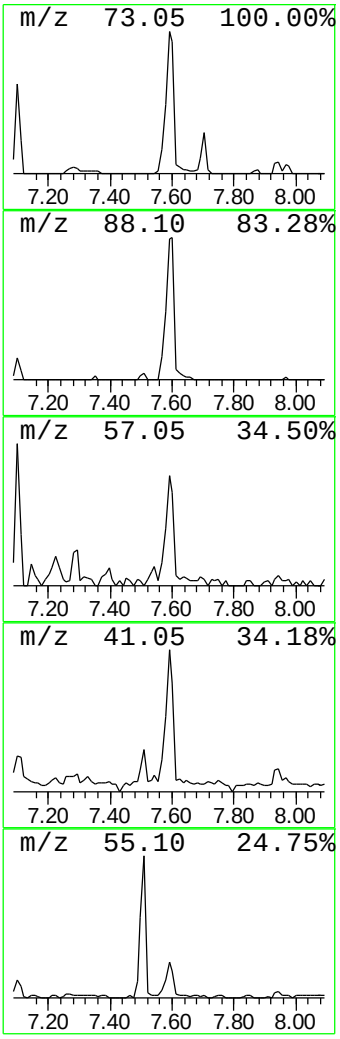
****

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	2.21 ng	174601	Naphthalene-d8	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	59
3	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	40
4	1,4-Dioxane	88	C4H8O2	000123-91-1	38
5	Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	33





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085322.D
Acq On : 10 Mar 2016 2:20
Operator : UM/SJ
Sample : H1722-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-33(0.5-2.0)

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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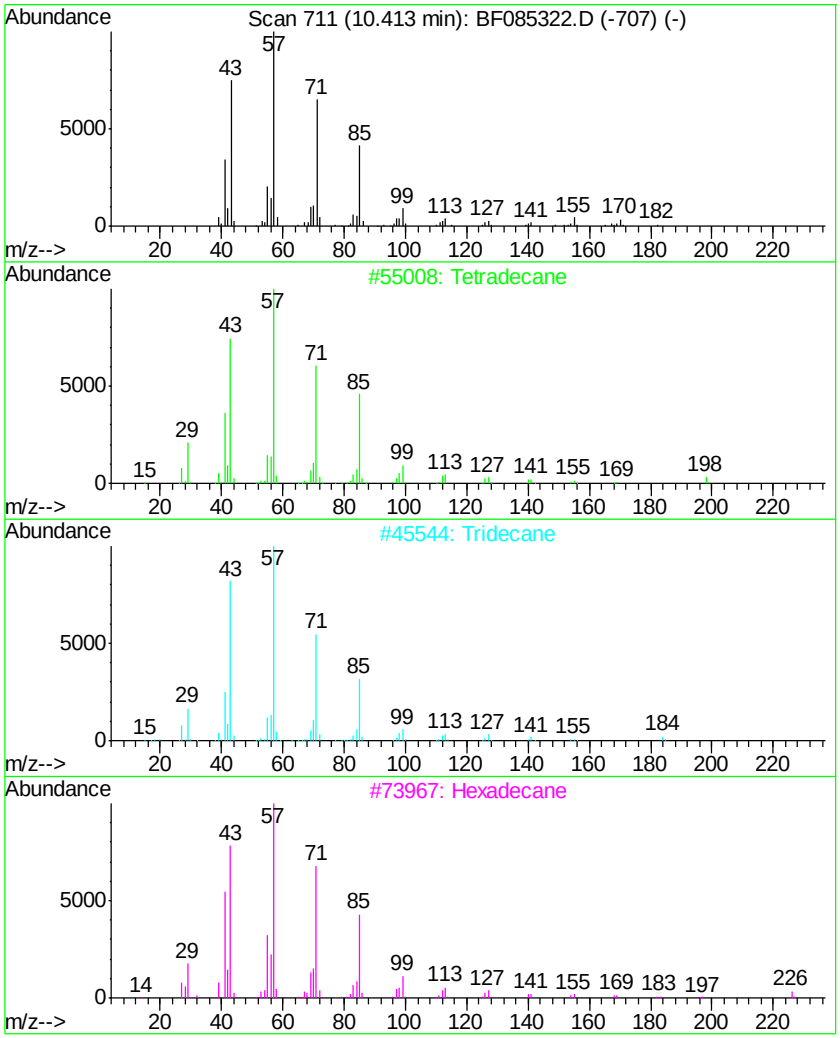
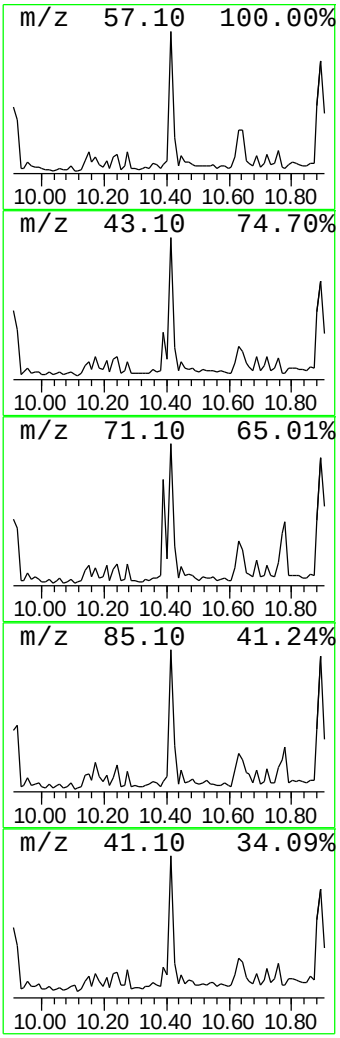
Peak Number 5 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	3.38 ng	271934	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Tridecane	184	C13H28	000629-50-5	86
3	Hexadecane	226	C16H34	000544-76-3	83
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
5	Nonadecane	268	C19H40	000629-92-5	80





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085322.D
Acq On : 10 Mar 2016 2:20
Operator : UM/SJ
Sample : H1722-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-33(0.5-2.0)

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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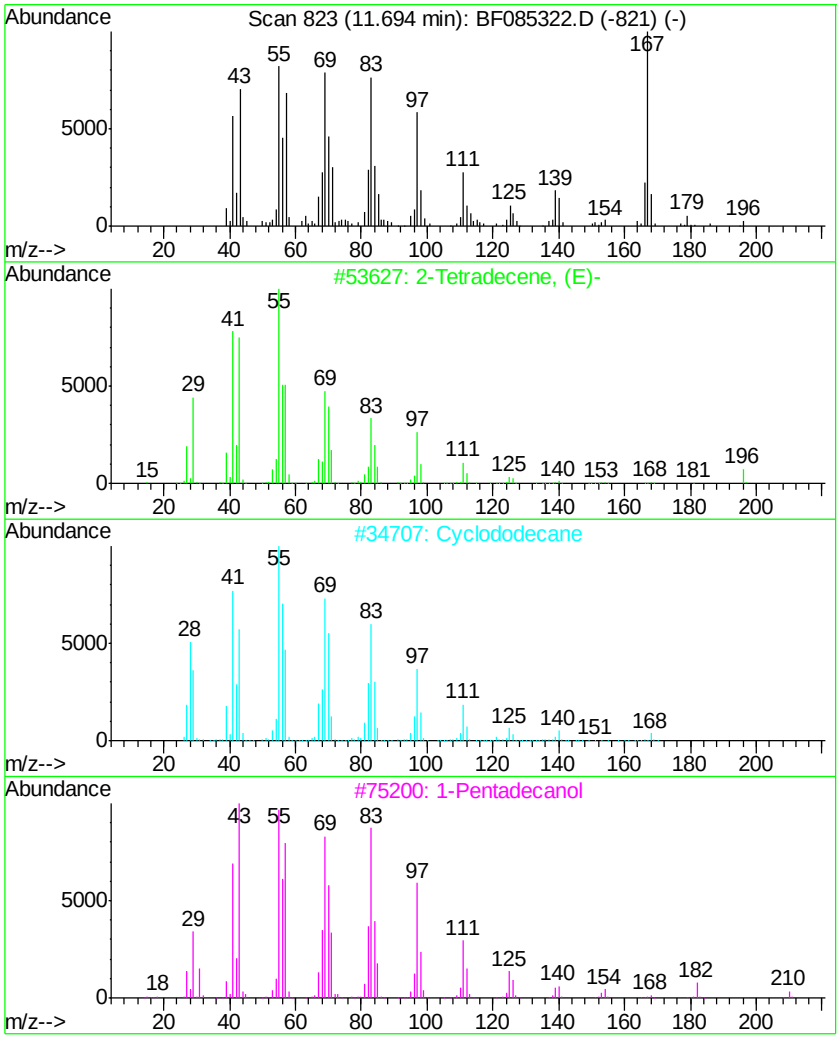
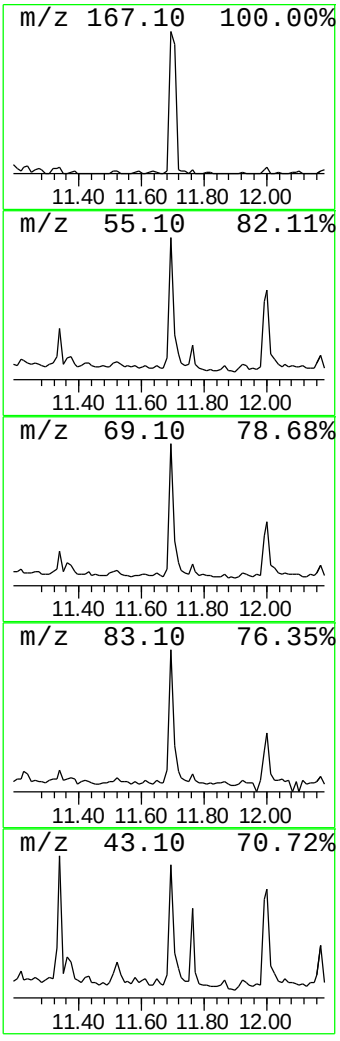
Peak Number 7 2-Tetradecene, (E)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	2.64 ng	371042	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tetradecene, (E)-	196	C14H28	035953-53-8	97
2	Cyclododecane	168	C12H24	000294-62-2	93
3	1-Pentadecanol	228	C15H32O	000629-76-5	93
4	1-Tetradecene	196	C14H28	001120-36-1	86
5	9-Octadecene, (E)-	252	C18H36	007206-25-9	76





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085322.D
Acq On : 10 Mar 2016 2:20
Operator : UM/SJ
Sample : H1722-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-33(0.5-2.0)

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

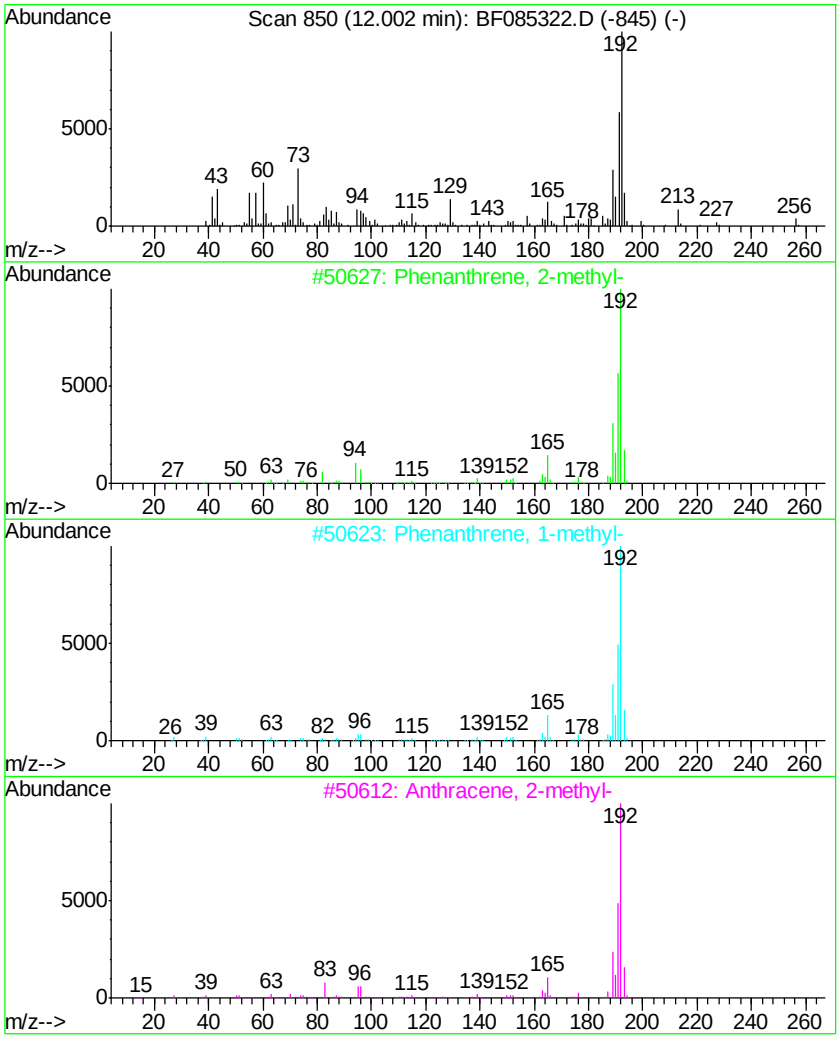
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

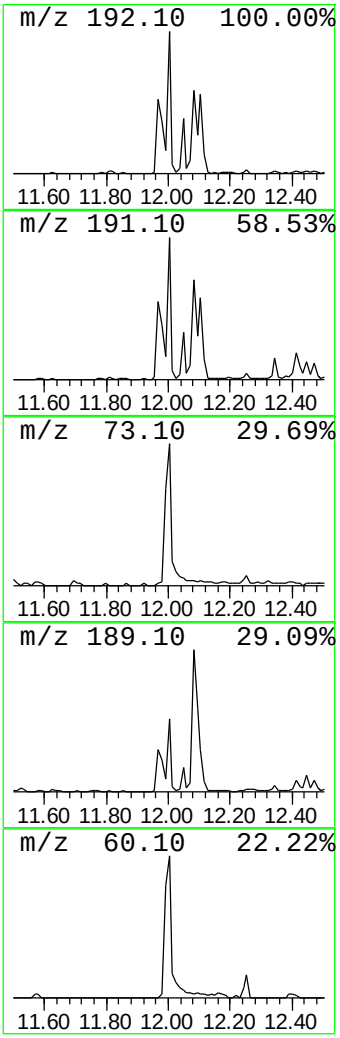
****

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	4.87 ng	683651	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085322.D
Acq On : 10 Mar 2016 2:20
Operator : UM/SJ
Sample : H1722-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-33(0.5-2.0)

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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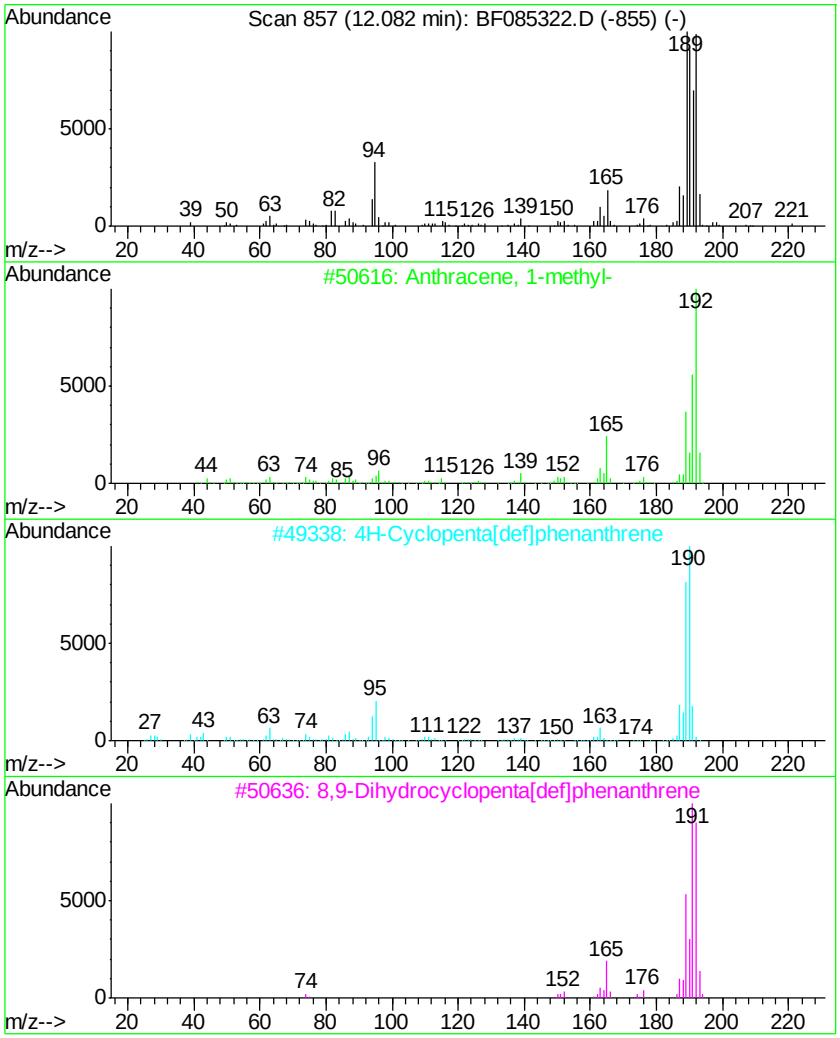
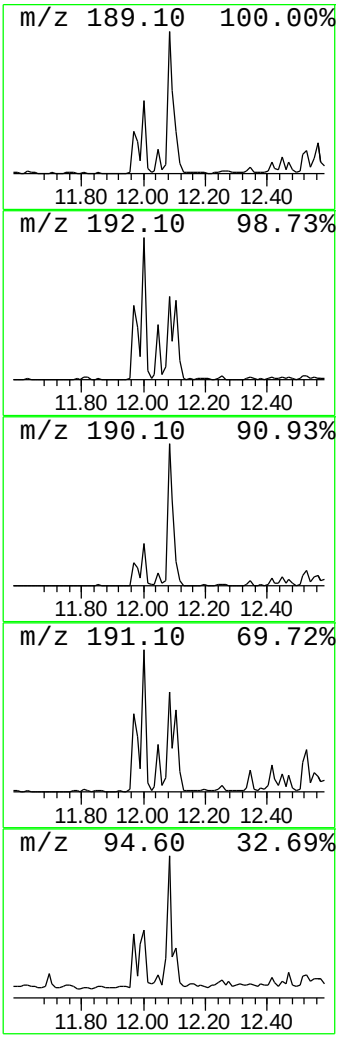
Peak Number 9 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	2.94 ng	413022	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
3	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	47
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	41





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Data File : BF085322.D
Acq On : 10 Mar 2016 2:20
Operator : UM/SJ
Sample : H1722-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-33(0.5-2.0)

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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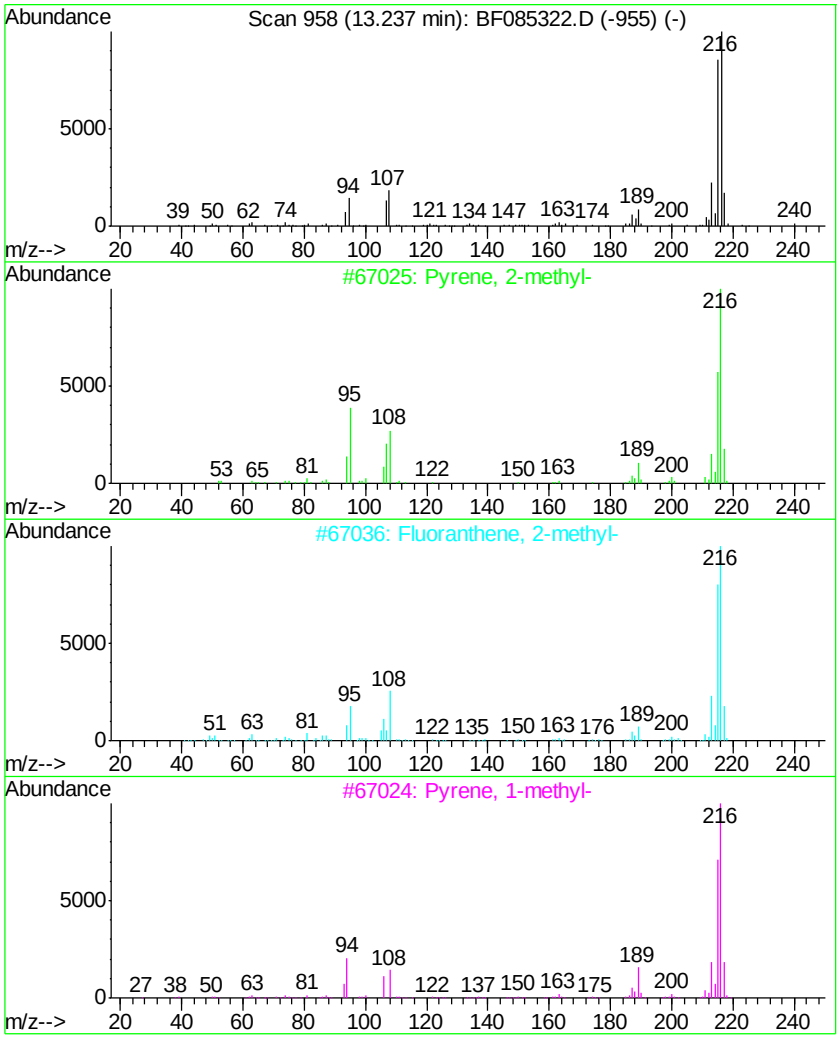
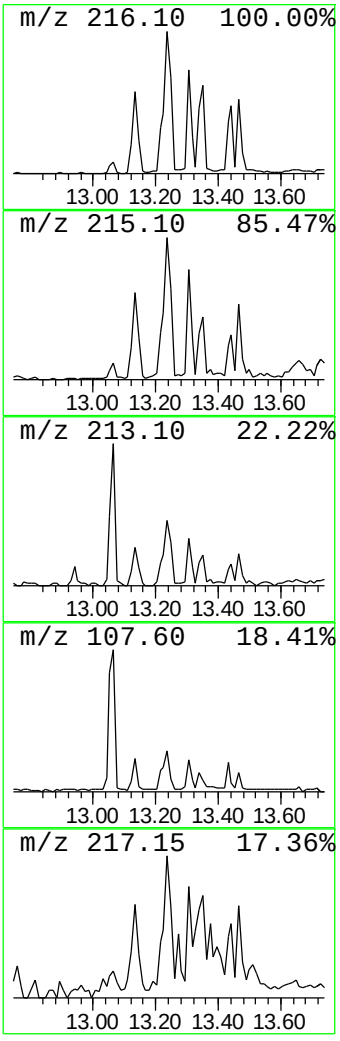
Peak Number 10 Pyrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	2.30 ng	224849	Chrysene-d12	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Acq On : 10 Mar 2016 2:20
Operator : UM/SJ
Sample : H1722-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-33(0.5-2.0)

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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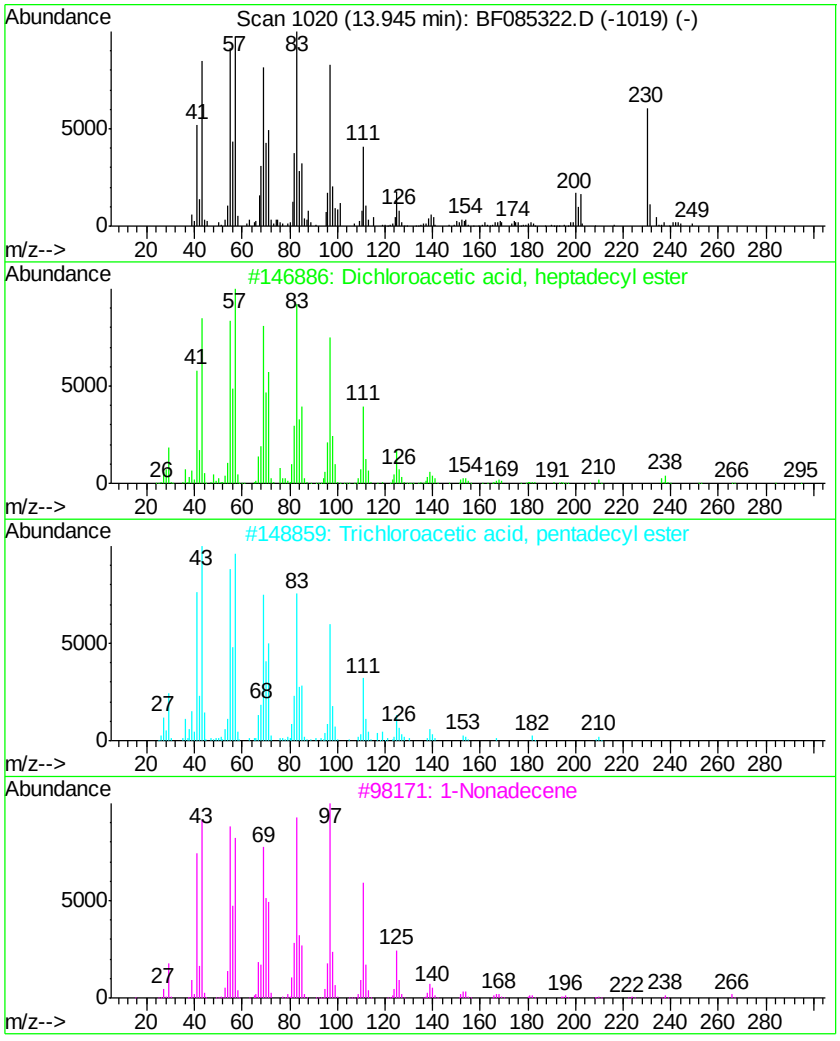
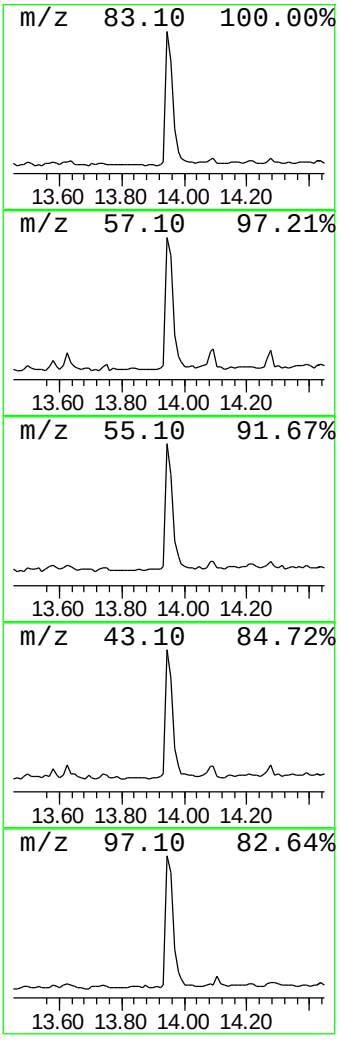
Peak Number 11 Dichloroacetic acid, heptad... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	4.66 ng	456740	Chrysene-d12	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
3	1-Nonadecene	266	C19H38	018435-45-5	90
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	87





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Acq On : 10 Mar 2016 2:20
Operator : UM/SJ
Sample : H1722-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-33(0.5-2.0)

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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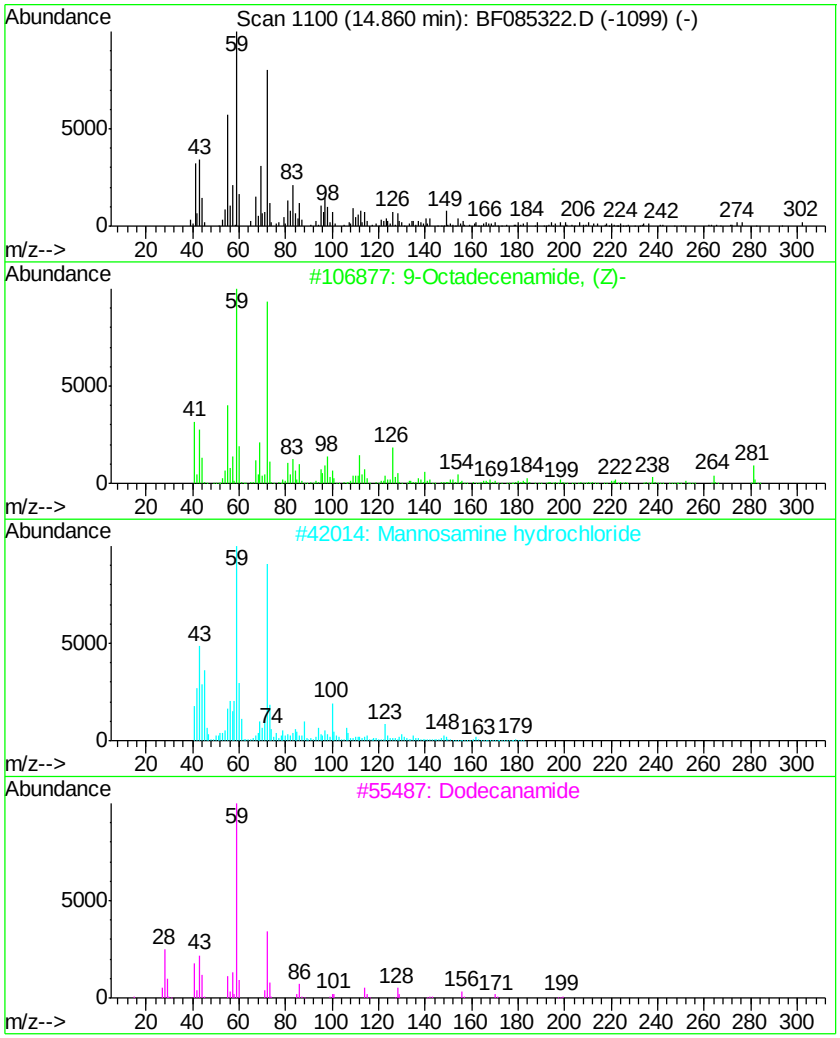
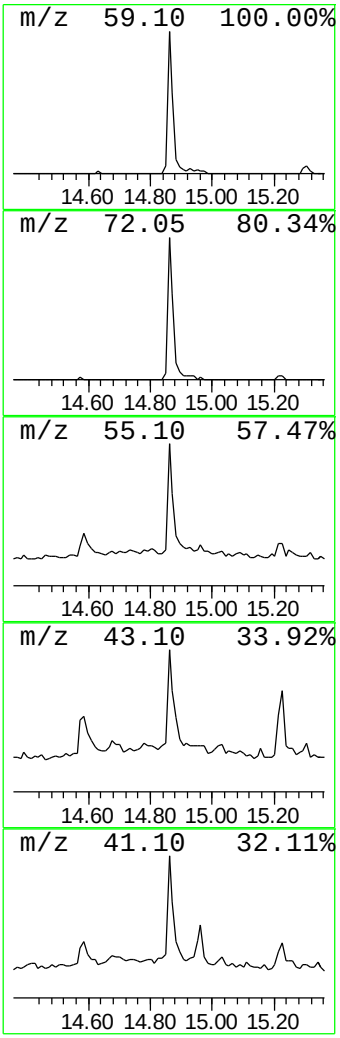
Peak Number 12 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	6.07 ng	229998	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
2	Mannosamine hydrochloride	179	C6H13NO5	1000127-68-8	43
3	Dodecanamide	199	C12H25NO	001120-16-7	43
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	35
5	1,1,3-Trimethyl-1-silacyclobutane	114	C6H14Si	076545-10-3	35





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Data File : BF085322.D
Acq On : 10 Mar 2016 2:20
Operator : UM/SJ
Sample : H1722-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-33(0.5-2.0)

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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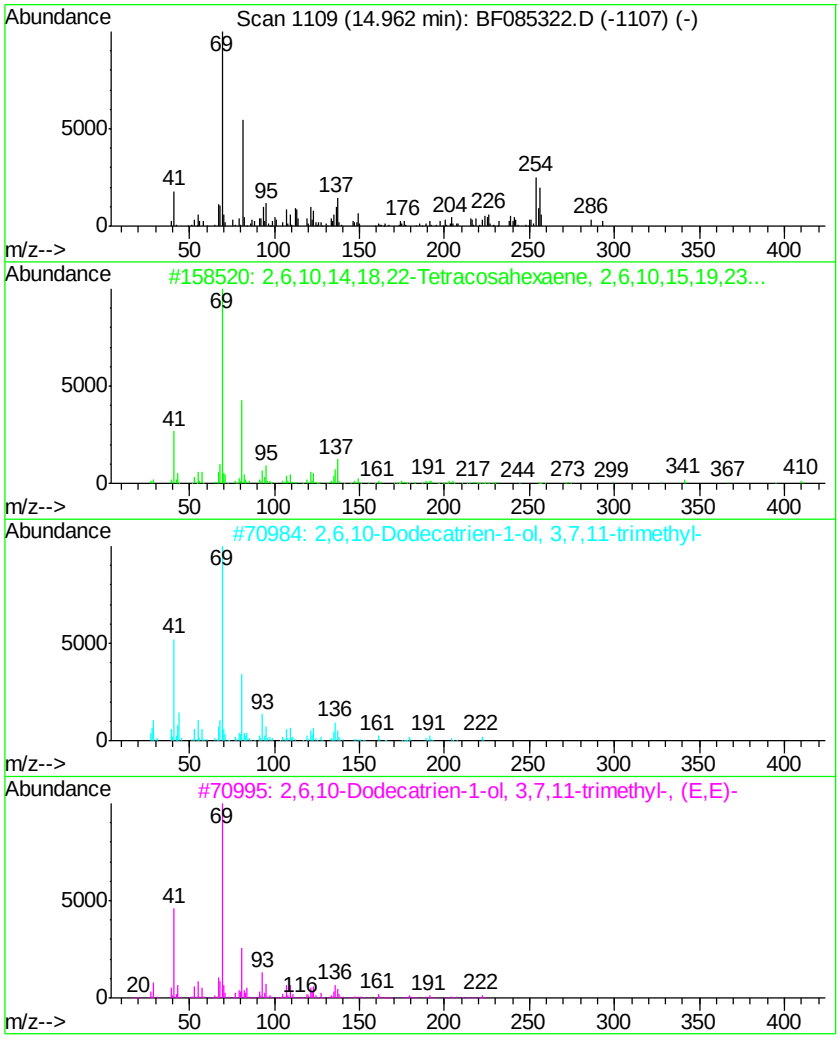
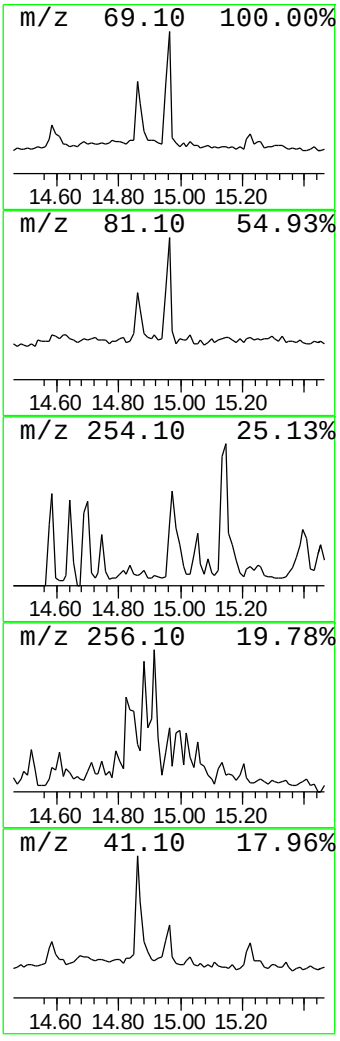
Peak Number 13 2,6,10,14,18,22-Tetracosahe... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	2.10 ng	79691	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	64
2	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	60
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	60
4	Squalene	410	C30H50	007683-64-9	58
5	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085322.D
Acq On : 10 Mar 2016 2:20
Operator : UM/SJ
Sample : H1722-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-33(0.5-2.0)

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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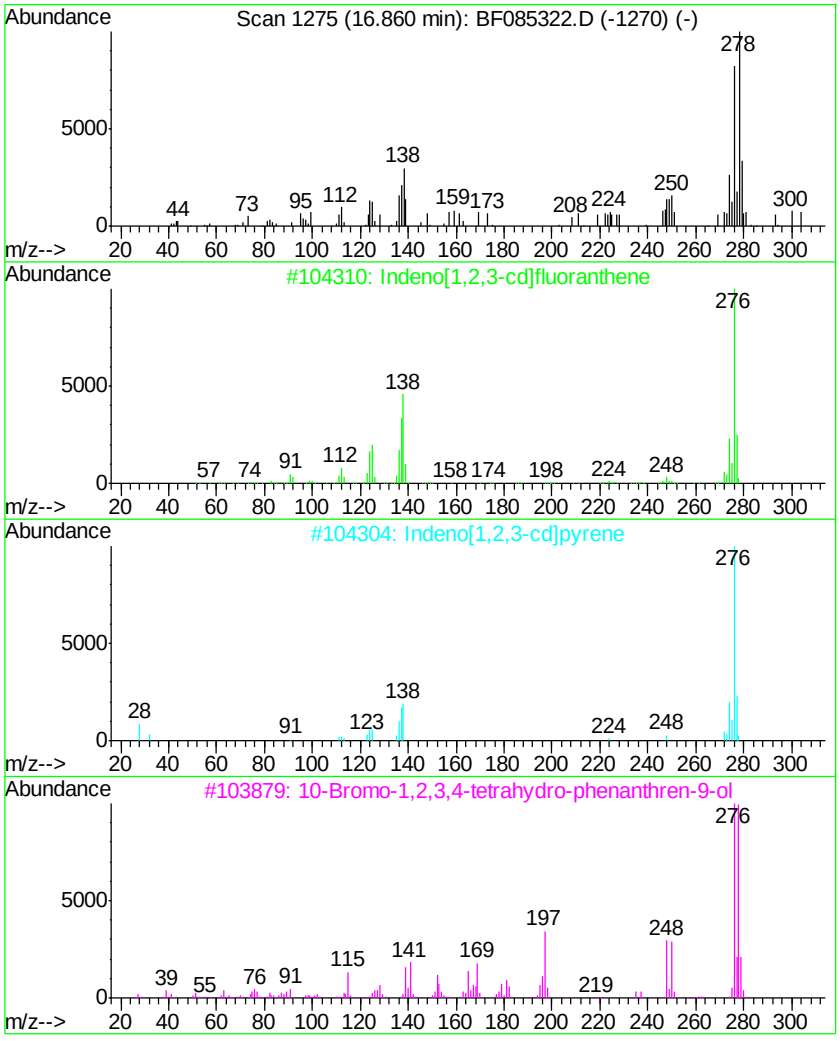
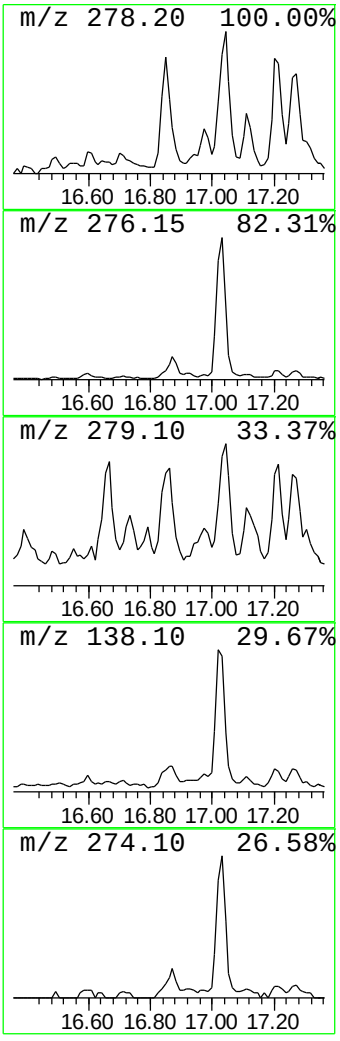
Peak Number 15 Indeno[1,2,3-cd]fluoranthene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	2.61 ng	98952	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	94
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	62
3	10-Bromo-1,2,3,4-tetrahydro-phen...	276	C14H13BrO	1000190-54-9	59
4	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	46
5	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085322.D
Acq On : 10 Mar 2016 2:20
Operator : UM/SJ
Sample : H1722-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-33(0.5-2.0)

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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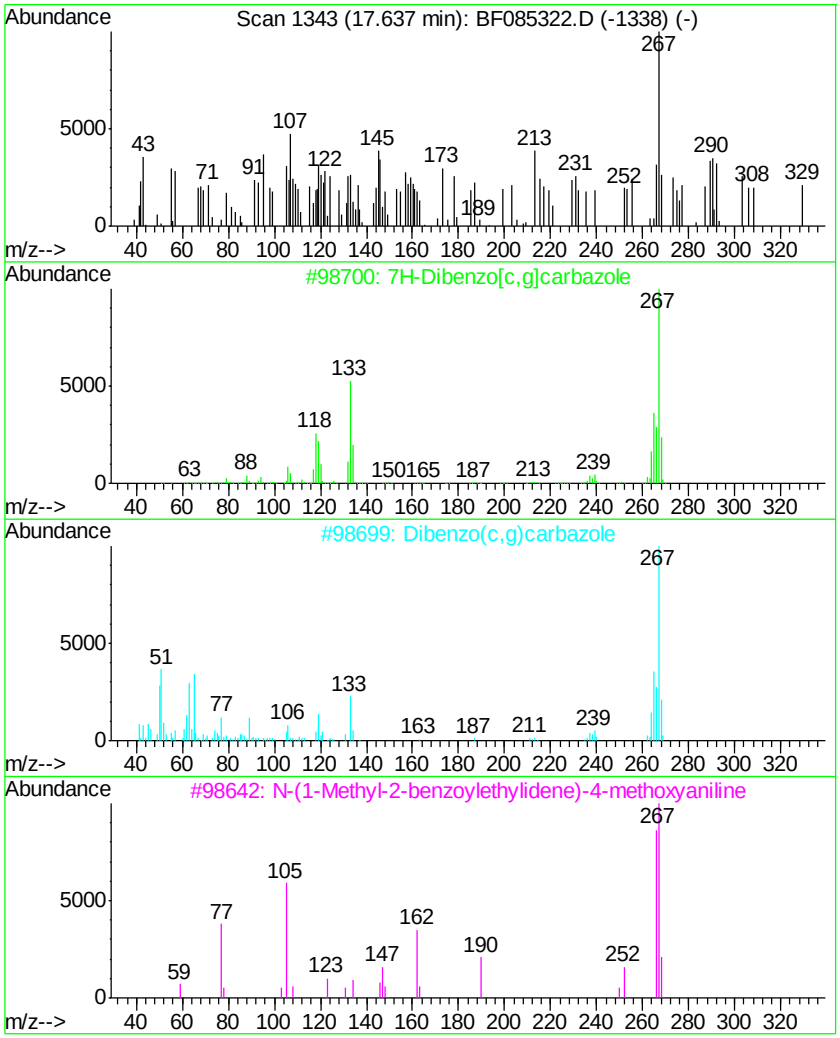
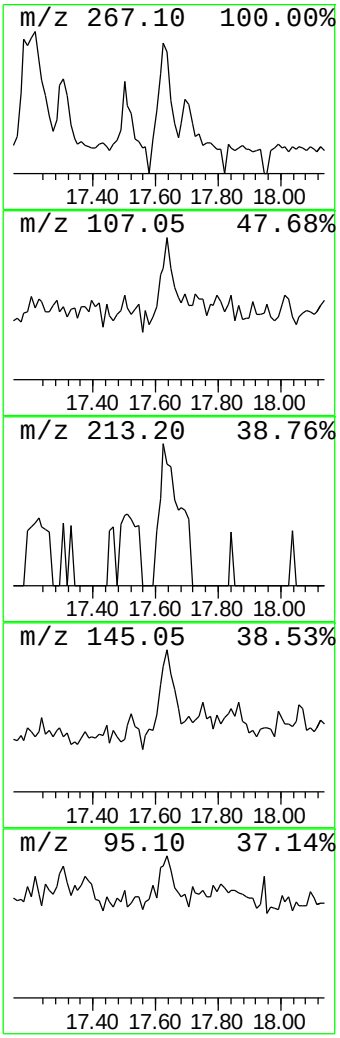
Peak Number 16 unknown17.64 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	2.95 ng	111815	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Dibenzo[c,g]carbazole	267	C20H13N	000194-59-2	35
2	Dibenzo(c,g)carbazole	267	C20H13N	028641-62-5	18
3	N-(1-Methyl-2-benzoylethylidene)...	267	C17H17NO2	039137-44-5	14
4	Auramine o	267	C17H21N3	002465-27-2	14
5	Titanium, (.eta.(8)-cyclooctatet...	267	C17H15Ti	054538-57-7	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085322.D
Acq On : 10 Mar 2016 2:20
Operator : UM/SJ
Sample : H1722-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-33(0.5-2.0)

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
2-Pentanone, 4-hy...	5.17	7.3	ng	392032	1	6.94	1078990	20.0
Hexanoic acid, 2-...	7.59	2.2	ng	174601	2	8.23	1578060	20.0
Tetradecane	10.41	3.4	ng	271934	3	9.99	1610660	20.0
2-Tetradecene, (E)-	11.69	2.6	ng	371042	4	11.48	2806590	20.0
Phenanthrene, 2-m...	12.00	4.9	ng	683651	4	11.48	2806590	20.0
Anthracene, 1-met...	12.08	2.9	ng	413022	4	11.48	2806590	20.0
Pyrene, 2-methyl-	13.24	2.3	ng	224849	5	14.12	1958680	20.0
Dichloroacetic ac...	13.95	4.7	ng	456740	5	14.12	1958680	20.0
9-Octadecenamide,...	14.86	6.1	ng	229998	6	15.58	757550	20.0
2,6,10,14,18,22-T...	14.96	2.1	ng	79691	6	15.58	757550	20.0
Indeno[1,2,3-cd]f...	16.86	2.6	ng	98952	6	15.58	757550	20.0
unknown17.64	17.64	3.0	ng	111815	6	15.58	757550	20.0