LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085325.D
Acq On : 10 Mar 2016 3:46
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-22(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	5.156	249	251	257	rVB	215082	294876	7.18%	0.462%
2	5.556	283	286	288	rBV	3627946	3816984	92.93%	5.975%
3	6.573	372	375	377	rBV	3391915	3752394	91.36%	5.874%
4	6.710	384	387	390	rBV	3332834	4047972	98.56%	6.337%
5	6.939	405	407	410	rBV	753010	1011669	24.63%	1.584%
6	7.099	419	421	424	rVB	2877229	3172289	77.24%	4.966%
7	7.510	454	457	459	rBV	2864842	2988596	72.76%	4.678%
8	7.590	461	464	466	rVB	85794	99256	2.42%	0.155%
9	8.230	517	520	522	rBV	1656790	1499727	36.51%	2.348%
10	9.305	611	614	617	rBV	3688524	4107203	100.00%	6.429%
11	9.648	641	644	647	rBV2	86447	168884	4.11%	0.264%
12	9.705	647	649	650	rVV	690464	817917	19.91%	1.280%
13	9.762	653	654	659	rVB	57580	63589	1.55%	0.100%
14	9.842	659	661	663	rBV	90142	98964	2.41%	0.155%
15	9.922	665	668	670	rVB	110976	146128	3.56%	0.229%
16	9.990	671	674	675	rVV	1530157	1551918	37.79%	2.429%
17	10.013	675	676	678	rVB	101584	120563	2.94%	0.189%
18	10.150	685	688	689	rBV3	36200	70091	1.71%	0.110%
19	10.185	689	691	693	rVV	119348	139507	3.40%	0.218%
20	10.230	693	695	698	rVB2	74518	87549	2.13%	0.137%
21	10.299	700	701	703	rBV	57018	59192	1.44%	0.093%
22	10.390	705	709	710	rBV	78741	106551	2.59%	0.167%
23	10.413	710	711	713	rVB	239239	202342	4.93%	0.317%
24	10.528	720	721	724	rVB	179622	211134	5.14%	0.331%
25	10.596	724	727	728	rBV	50238	71375	1.74%	0.112%
26	10.642	728	731	734	rVV3	73274	146624	3.57%	0.230%
27	10.688	734	735	737	rVB	108569	89249	2.17%	0.140%
28	10.779	740	743	745	rBV	2766537	2905929	70.75%	4.549%
29	10.893	751	753	757	rVB	235477	318267	7.75%	0.498%
30	11.076	767	769	771	rBV3	110950	188506	4.59%	0.295%
31	11.213	778	781	785	rVV4	63412	153496	3.74%	0.240%
32	11.339	789	792	793	rBV2	155108	204148	4.97%	0.320%
33	11.373	793	795	798	rVB	126723	173261	4.22%	0.271%
34	11.476	801	804	805	rBV	1598322	1808126	44.02%	2.830%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085325.D
Acq On : 10 Mar 2016 3:46
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-22(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	11.499	805	806	808	rVV	2059685	1457995	35.50%	2.282%
36	11.545	808	810	812	rVB	640535	567606	13.82%	0.889%
37	11.579	812	813	815	rVB	74853	67849	1.65%	0.106%
38	11.705	821	824	828	rBV3	51889	122931	2.99%	0.192%
39	11.762	828	829	831	rVB2	101522	115617	2.81%	0.181%
40	11.808	831	833	835	rVB2	79754	105117	2.56%	0.165%
41	11.888	838	840	842	rVB	63542	61822	1.51%	0.097%
42	11.979	845	848	849	rBV	278524	475021	11.57%	0.744%
43	12.002	849	850	852	rVB	906245	691610	16.84%	1.083%
44	12.048	852	854	856	rBV	211926	203407	4.95%	0.318%
45	12.082	856	857	861	rVB	589265	1005764	24.49%	1.574%
46	12.174	861	865	866	rBV2	79412	108230	2.64%	0.169%
47	12.208	866	868	869	rVB	60421	59869	1.46%	0.094%
48	12.265	871	873	879	rVB3	227018	397754	9.68%	0.623%
49	12.414	884	886	888	rBV2	66670	111261	2.71%	0.174%
50	12.448	888	889	890	rBV	106994	77239	1.88%	0.121%
51	12.528	893	896	897	rBV	245292	315373	7.68%	0.494%
52	12.562	897	899	902	rVB	191956	247016	6.01%	0.387%
53	12.608	902	903	908	rVB2	175961	223530	5.44%	0.350%
54	12.688	908	910	913	rBV	2975930	2701684	65.78%	4.229%
55	12.734	913	914	917	rVB2	65236	102261	2.49%	0.160%
56	12.779	917	918	922	rBV4	205776	279234	6.80%	0.437%
57	12.836	922	923	927	rVB2	115438	123378	3.00%	0.193%
58	12.916	927	930	933	rBV	2348122	2701916	65.78%	4.230%
59	12.962	933	934	937	rVB2	131102	156993	3.82%	0.246%
60	13.065	940	943	945	rVB	2938376	3606146	87.80%	5.645%
61	13.134	945	949	953	rVB3	184334	294672	7.17%	0.461%
62	13.248	955	959	960	rVB	329698	595938	14.51%	0.933%
63	13.305	962	964	966	rBV	324804	328040	7.99%	0.514%
64	13.351	966	968	969	rBV2	203297	252329	6.14%	0.395%
65	13.442	974	976	977	rVV	123598	127945	3.12%	0.200%
66	13.465	977	978	980	rVV	143046	162647	3.96%	0.255%
67	13.614	990	991	992	rBV	51621	63096	1.54%	0.099%
68	13.648	992	994	997	rVV	54103	119875	2.92%	0.188%
69	13.751	999	1003	1005	rVB2	88394	191390	4.66%	0.300%
70	13.865	1010	1013	1014	rBV2	148573	238653	5.81%	0.374%
71	13.888	1014	1015	1016	rVV	174101	133777	3.26%	0.209%

LSC Area Percent Report

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Data File : BF085325.D
Acq On : 10 Mar 2016 3:46
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-22(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	13.911	1016	1017	1019	rVV2	128967	160735	3.91%	0.252%
73	13.945	1019	1020	1026	rVV2	495768	761628	18.54%	1.192%
74	14.105	1031	1034	1036	rVV2	1366455	2183032	53.15%	3.417%
75	14.139	1036	1037	1039	rVV	897390	706917	17.21%	1.107%
76	14.219	1040	1044	1045	rBV2	154899	174392	4.25%	0.273%
77	14.254	1045	1047	1048	rVV	63876	79998	1.95%	0.125%
78	14.334	1052	1054	1056	rBV2	66226	106101	2.58%	0.166%
79	14.437	1060	1063	1064	rBV2	45619	61705	1.50%	0.097%
80	14.494	1066	1068	1070	rVV	187175	234449	5.71%	0.367%
81	14.528	1070	1071	1073	rVV	102999	87331	2.13%	0.137%
82	14.585	1073	1076	1078	rVV3	137773	236133	5.75%	0.370%
83	14.642	1078	1081	1083	rVB3	127905	220895	5.38%	0.346%
84	14.688	1083	1085	1087	rVB3	43400	79171	1.93%	0.124%
85	14.825	1093	1097	1099	rBV4	40643	120434	2.93%	0.189%
86	14.871	1099	1101	1104	rBV3	73940	146616	3.57%	0.230%
87	15.145	1122	1125	1130	rBV	590868	1288011	31.36%	2.016%
88	15.260	1133	1135	1137	rVB	120271	153321	3.73%	0.240%
89	15.454	1149	1152	1155	rVB	337719	479629	11.68%	0.751%
90	15.511	1155	1157	1160	rBV	555746	700438	17.05%	1.096%
91	15.580	1160	1163	1164	rBV	565165	759532	18.49%	1.189%
92	15.934	1192	1194	1198	rVB3	37000	67122	1.63%	0.105%
93	16.094	1206	1208	1210	rVV3	54665	108015	2.63%	0.169%
94	16.140	1210	1212	1216	rVB	50337	109112	2.66%	0.171%
95	16.871	1271	1276	1279	rBV3	46699	144115	3.51%	0.226%
96	17.031	1287	1290	1295	rVB2	232638	488562	11.90%	0.765%
97	17.214	1303	1306	1308	rBV	62793	123807	3.01%	0.194%
98	17.477	1325	1329	1338	rVB	197433	481232	11.72%	0.753%
99	17.625	1338	1342	1346	rVV5	48648	158303	3.85%	0.248%
100	17.705	1346	1349	1357	rVB2	57560	171947	4.19%	0.269%

Sum of corrected areas: 63881944

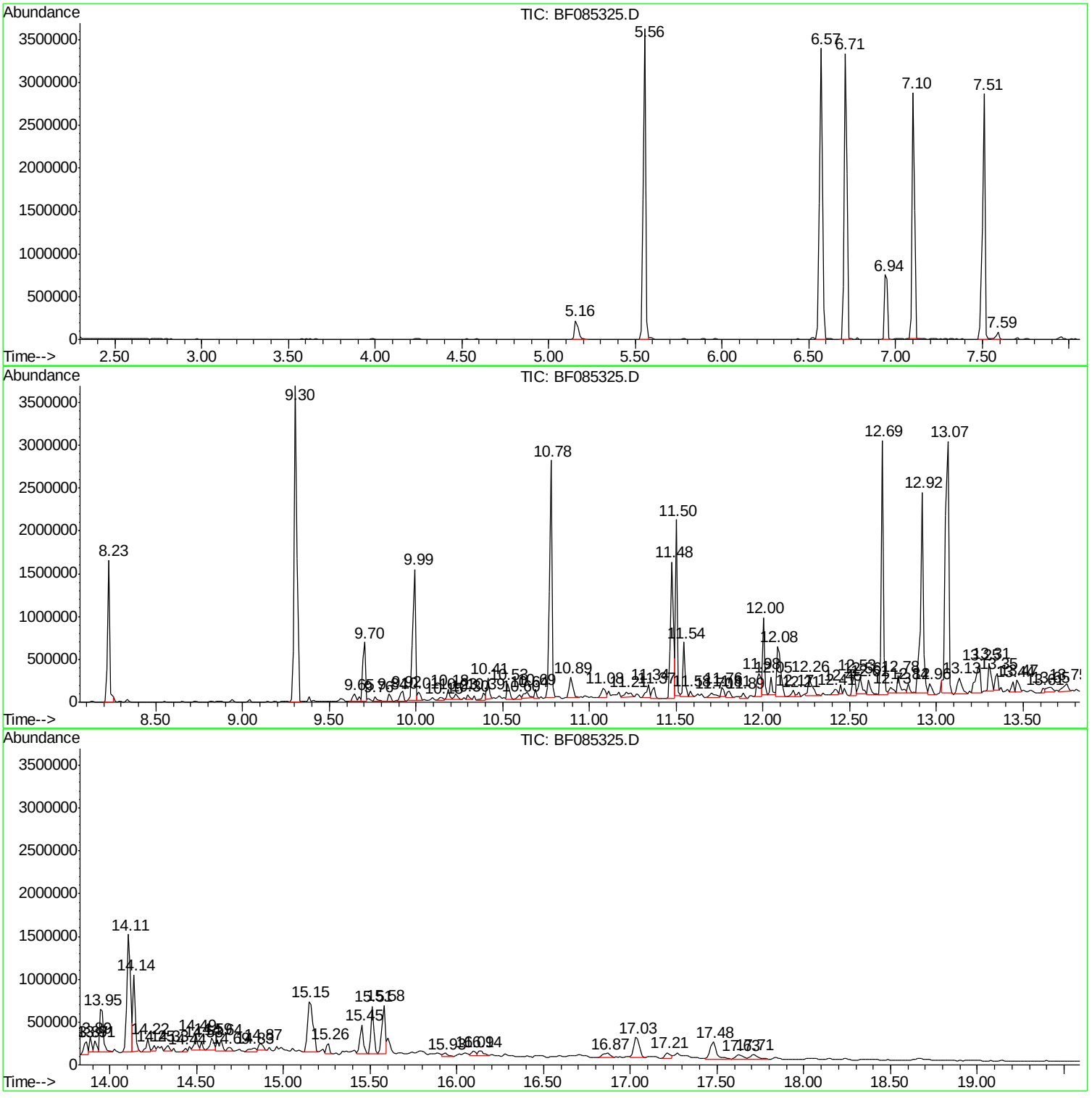
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085325.D
Acq On : 10 Mar 2016 3:46
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-22(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 : BF085325.D
Acq On : 10 Mar 2016 3:46
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-22(0.5-2.0)

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

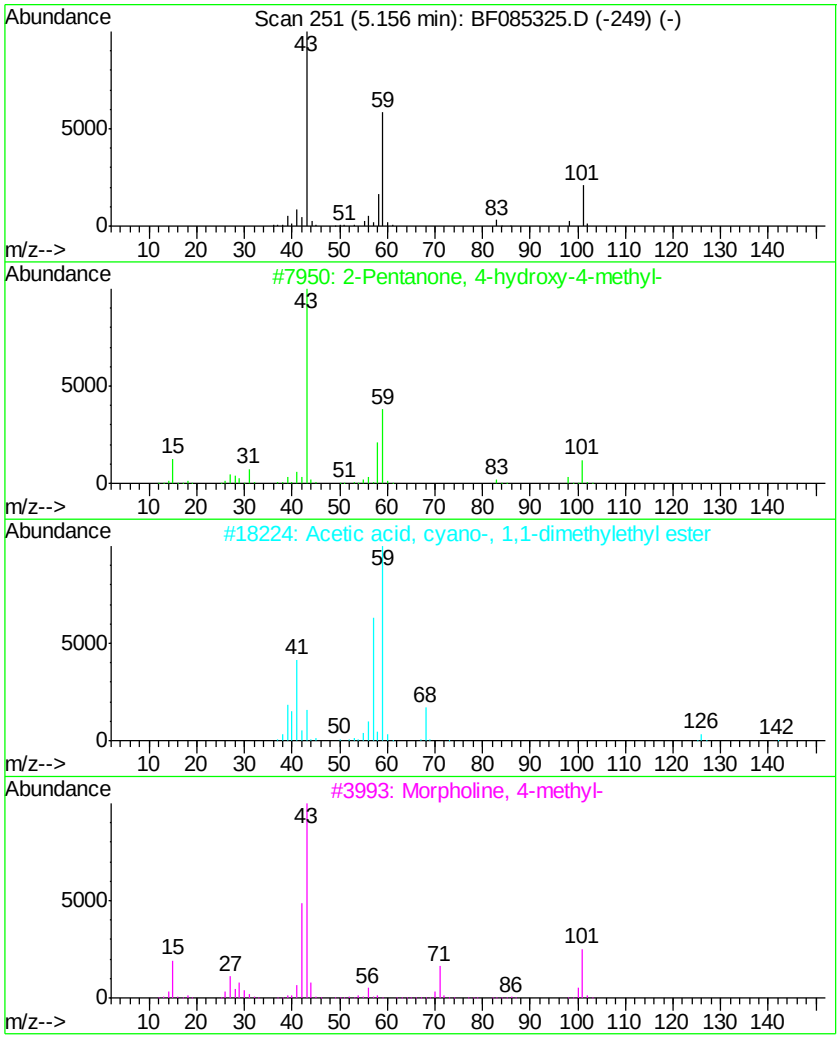
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

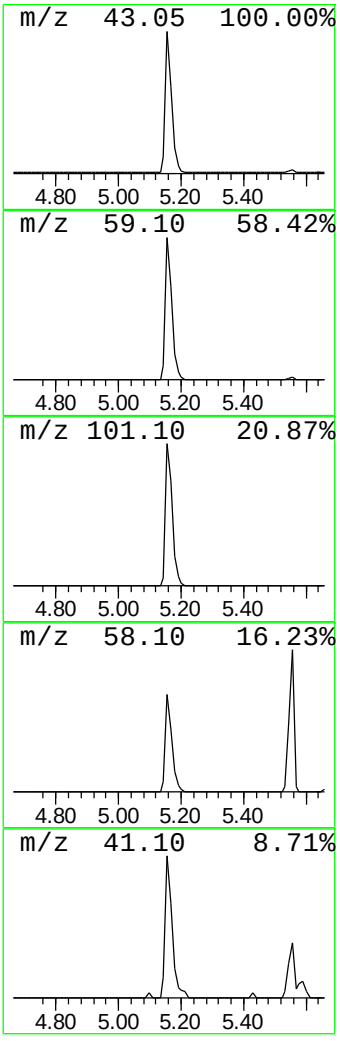
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	5.83 ng	294876	1,4-Dichlorobenzene-d4	6.95

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	23
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085325.D
Acq On : 10 Mar 2016 3:46
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-22(0.5-2.0)

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

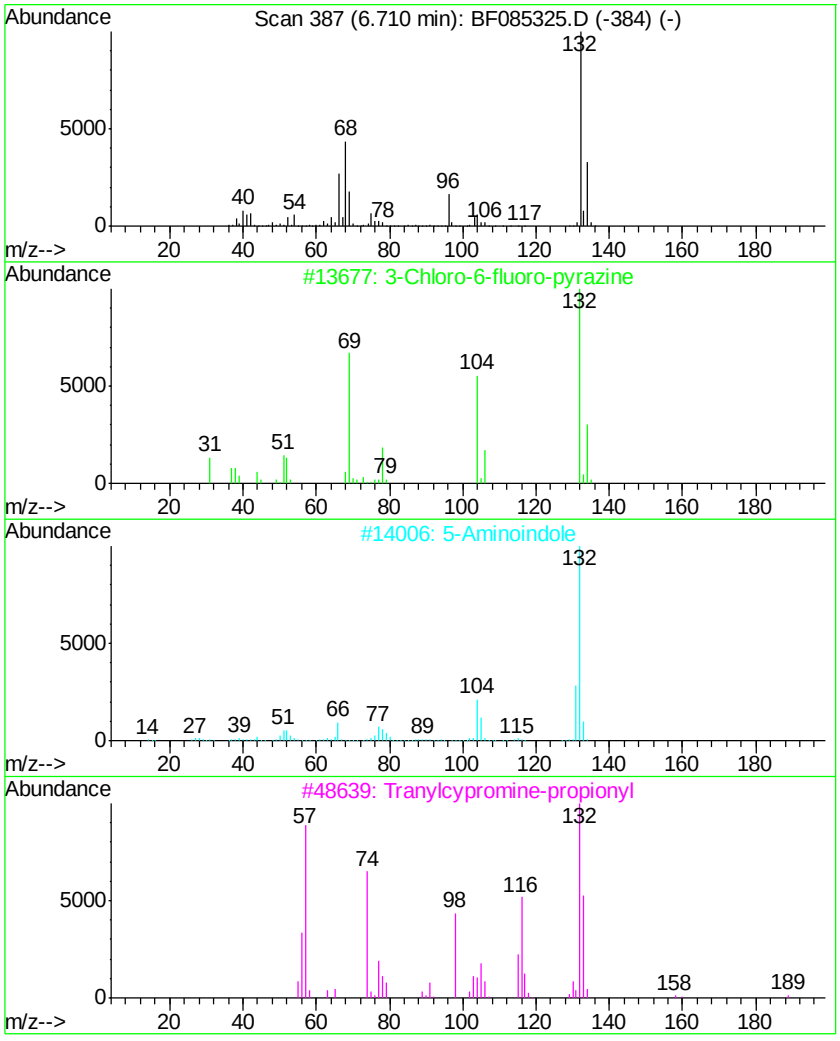
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

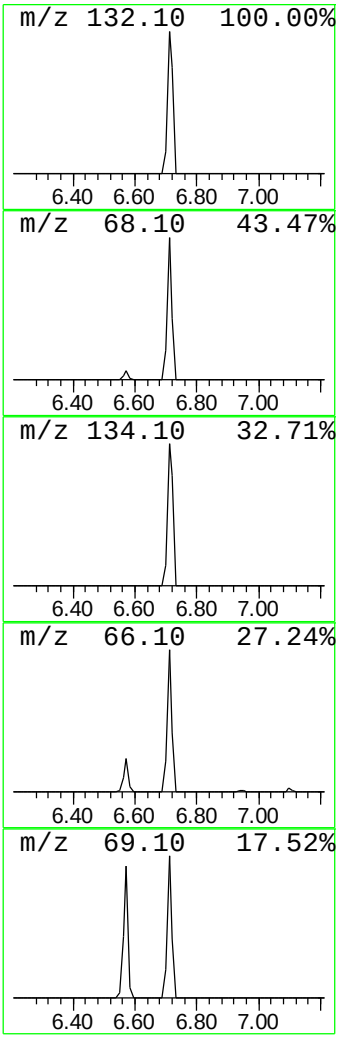
****

Peak Number 2 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	80.03 ng	4047970	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085325.D
Acq On : 10 Mar 2016 3:46
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-22(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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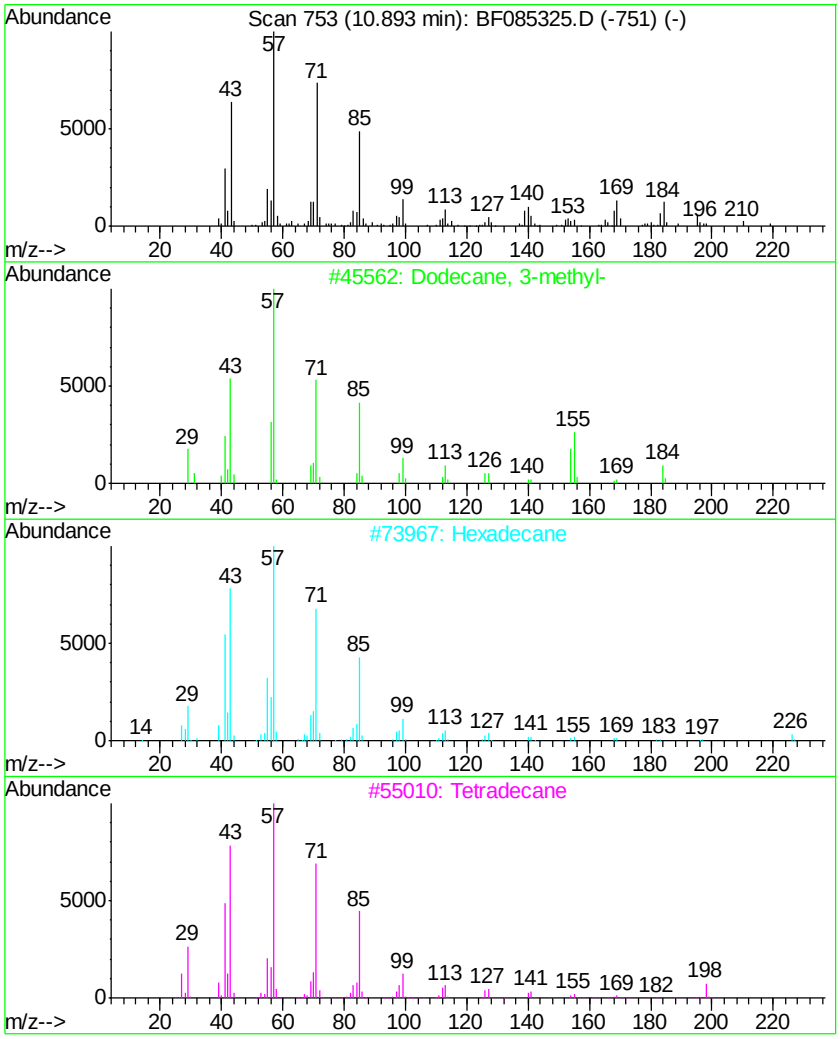
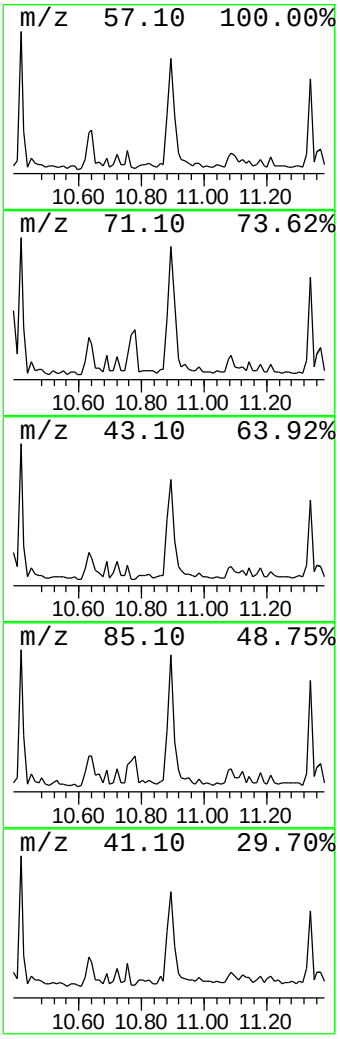
Peak Number 4 Dodecane, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	3.52 ng	318267	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	87
2	Hexadecane	226	C16H34	000544-76-3	74
3	Tetradecane	198	C14H30	000629-59-4	74
4	Pentadecane	212	C15H32	000629-62-9	72
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085325.D
Acq On : 10 Mar 2016 3:46
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-22(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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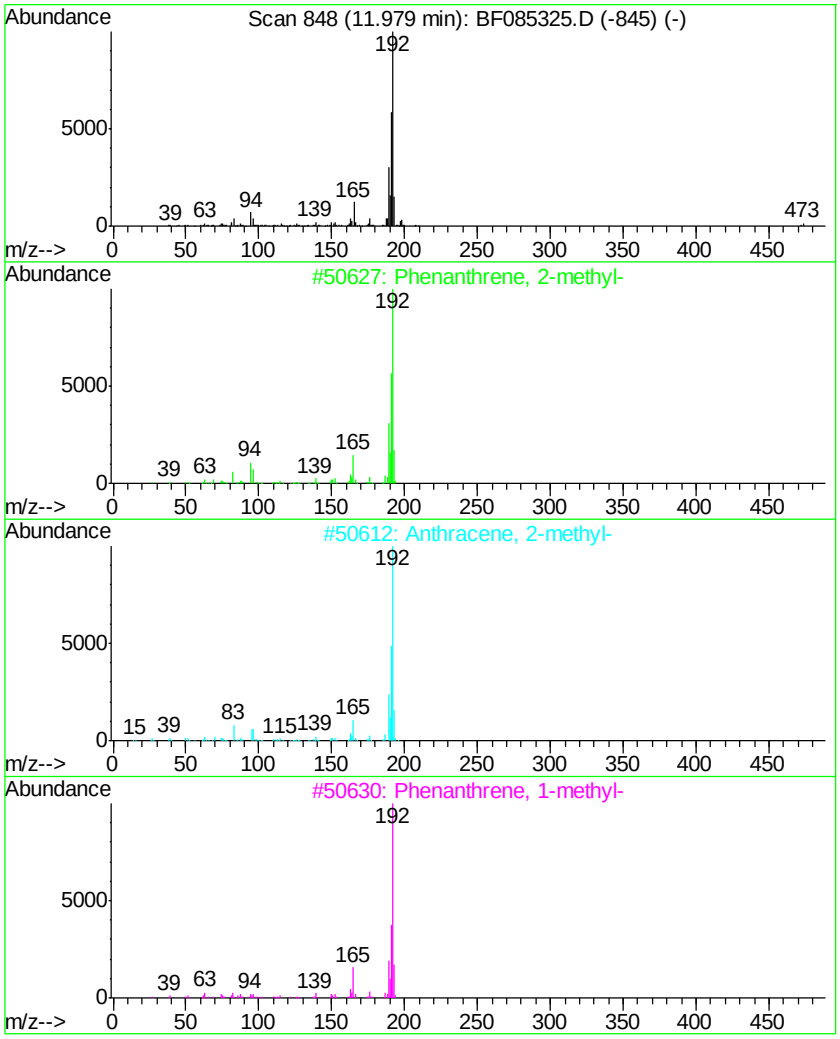
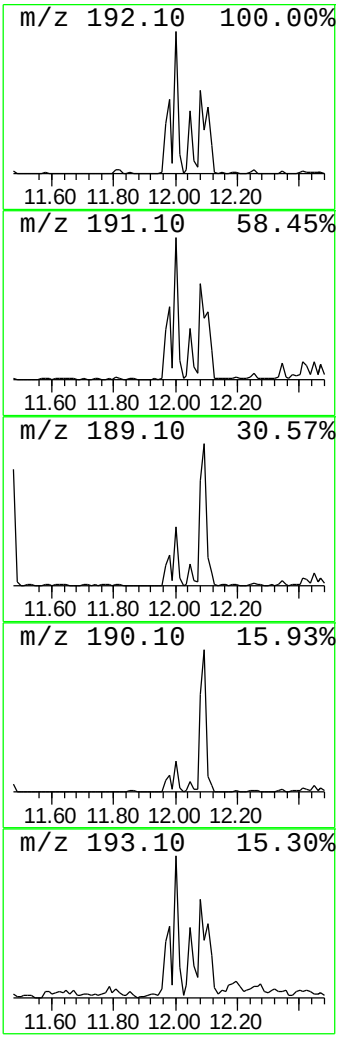
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	5.25 ng	475021	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085325.D
Acq On : 10 Mar 2016 3:46
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-22(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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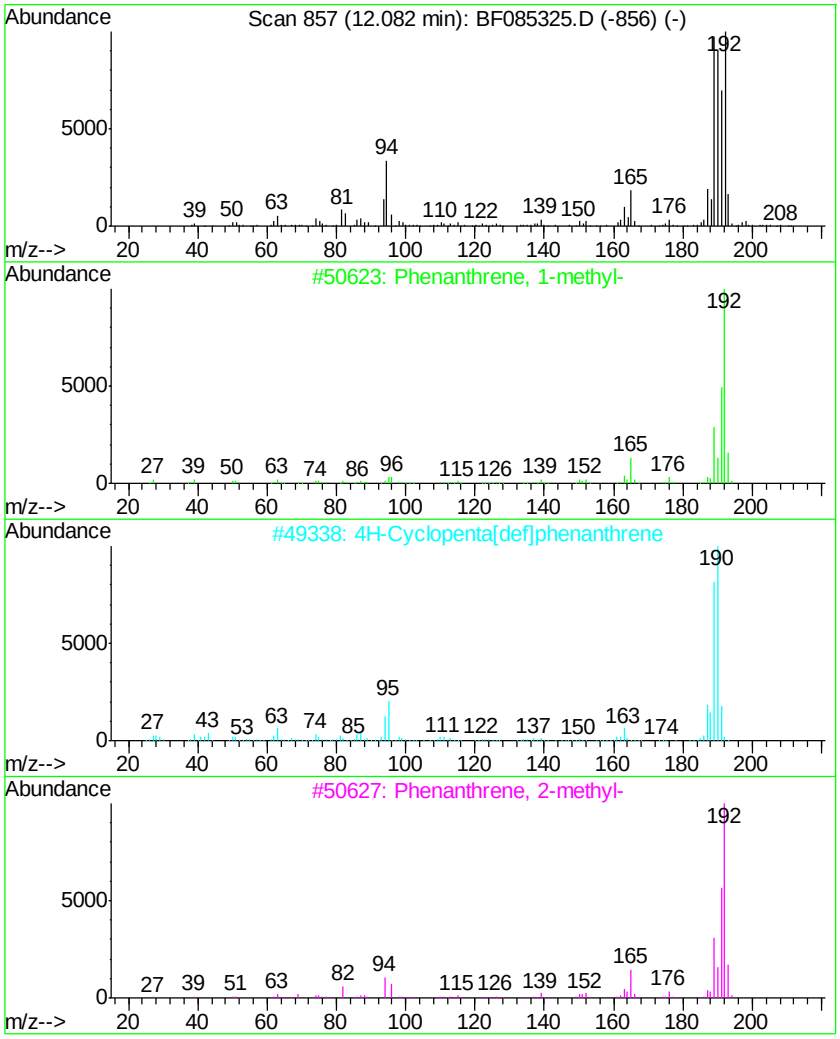
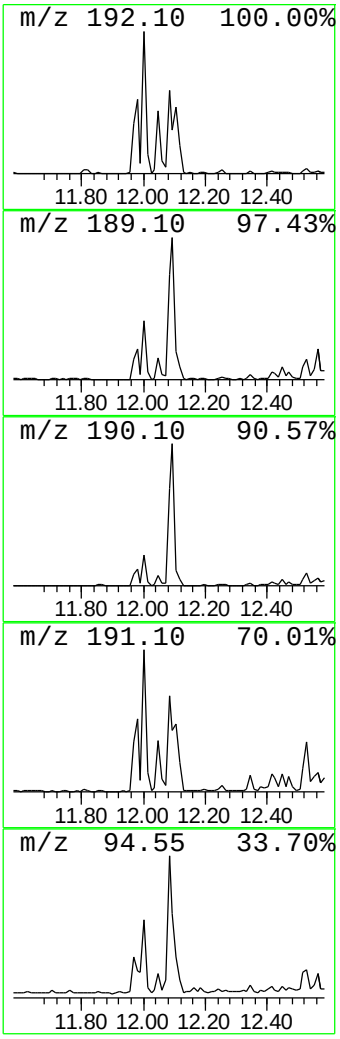
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	11.12 ng	1005760	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	42
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085325.D
Acq On : 10 Mar 2016 3:46
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-22(0.5-2.0)

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

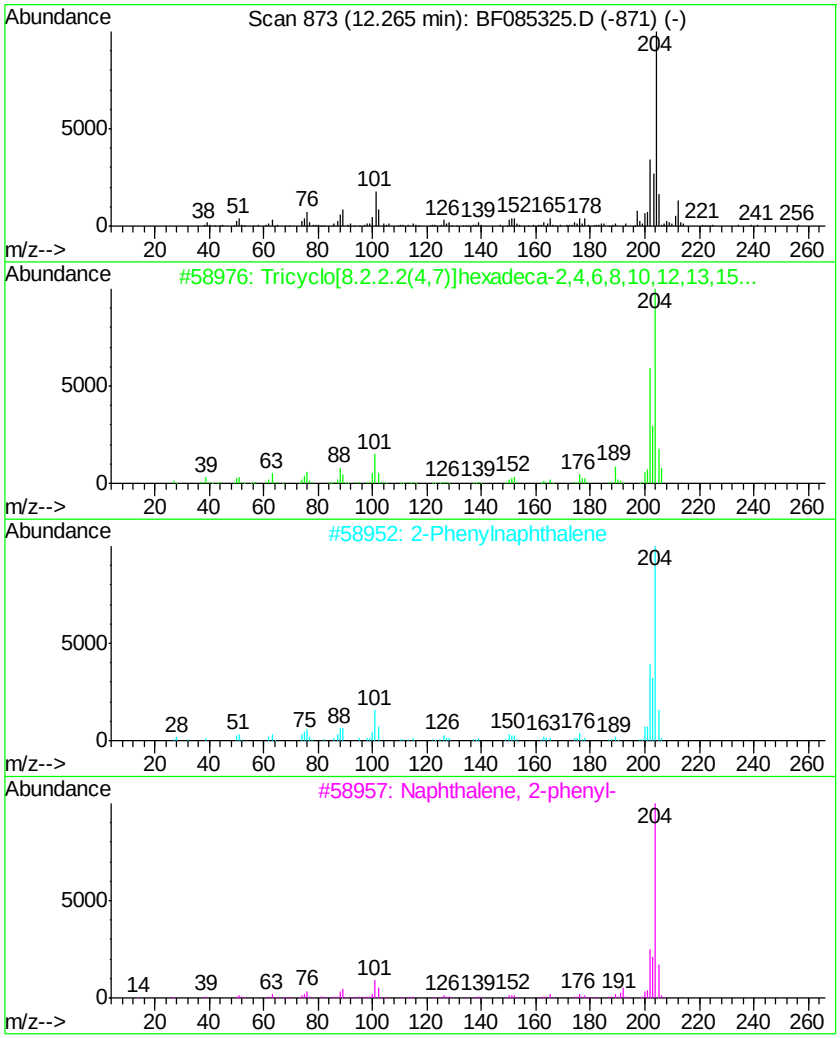
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

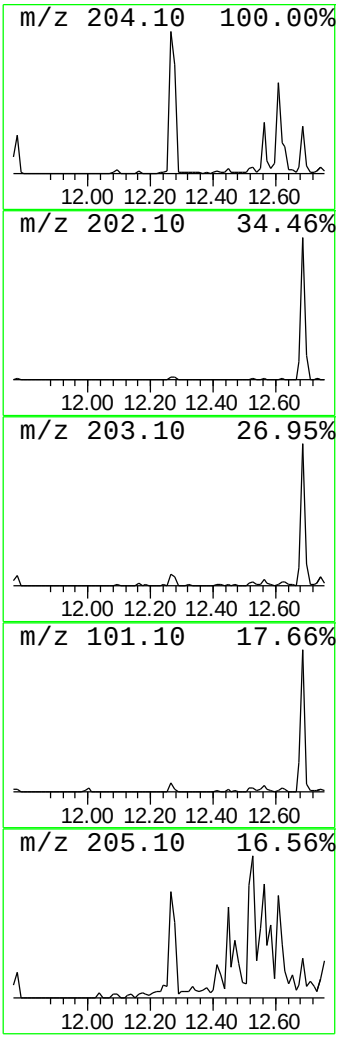
****

Peak Number 8 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	4.40 ng	397754	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	72
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60





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Acq On : 10 Mar 2016 3:46
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-22(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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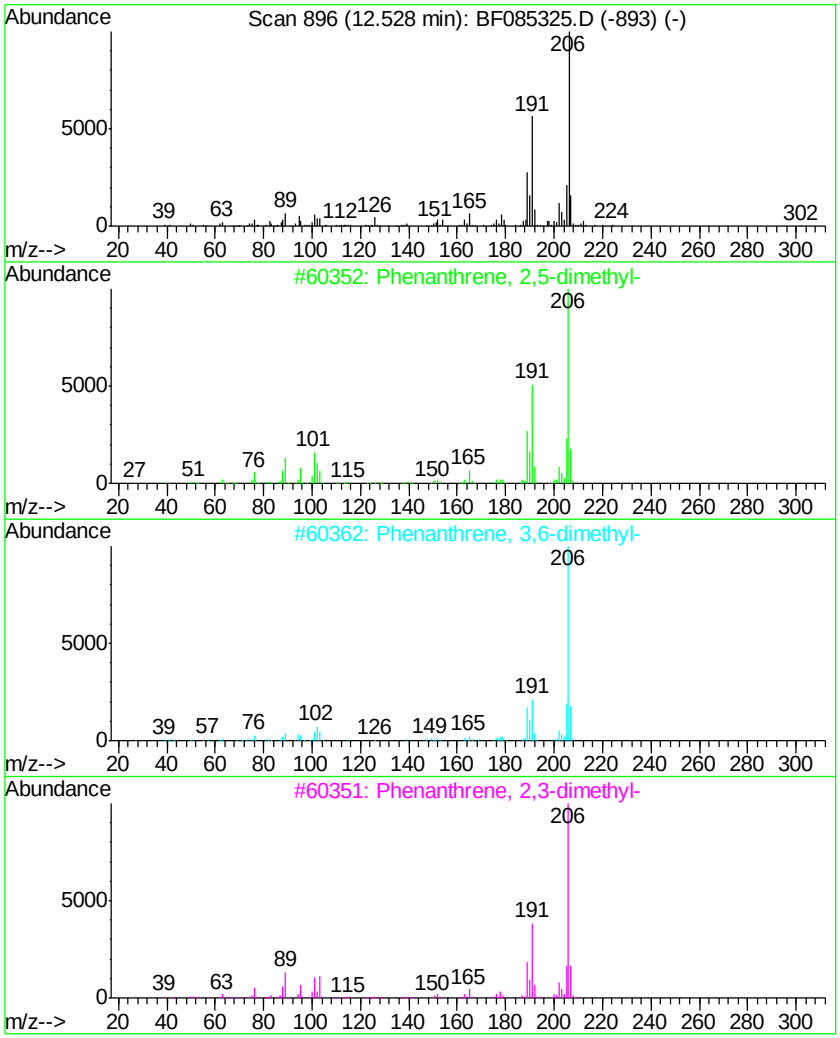
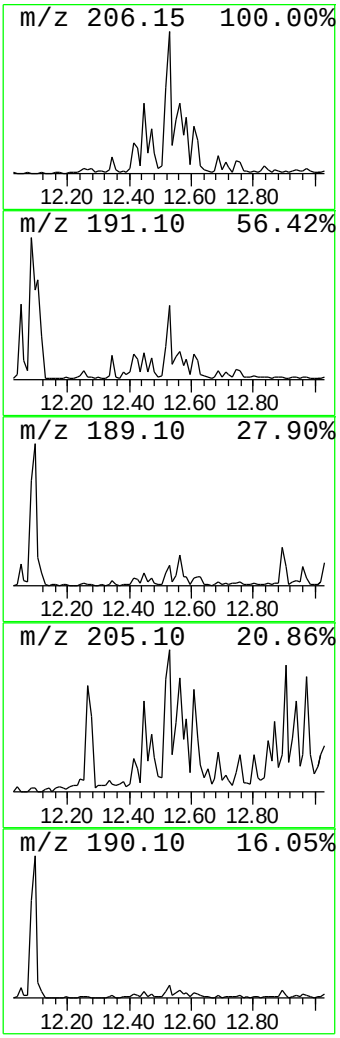
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	3.49 ng	315373	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87





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Acq On : 10 Mar 2016 3:46
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Sample : H1722-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-22(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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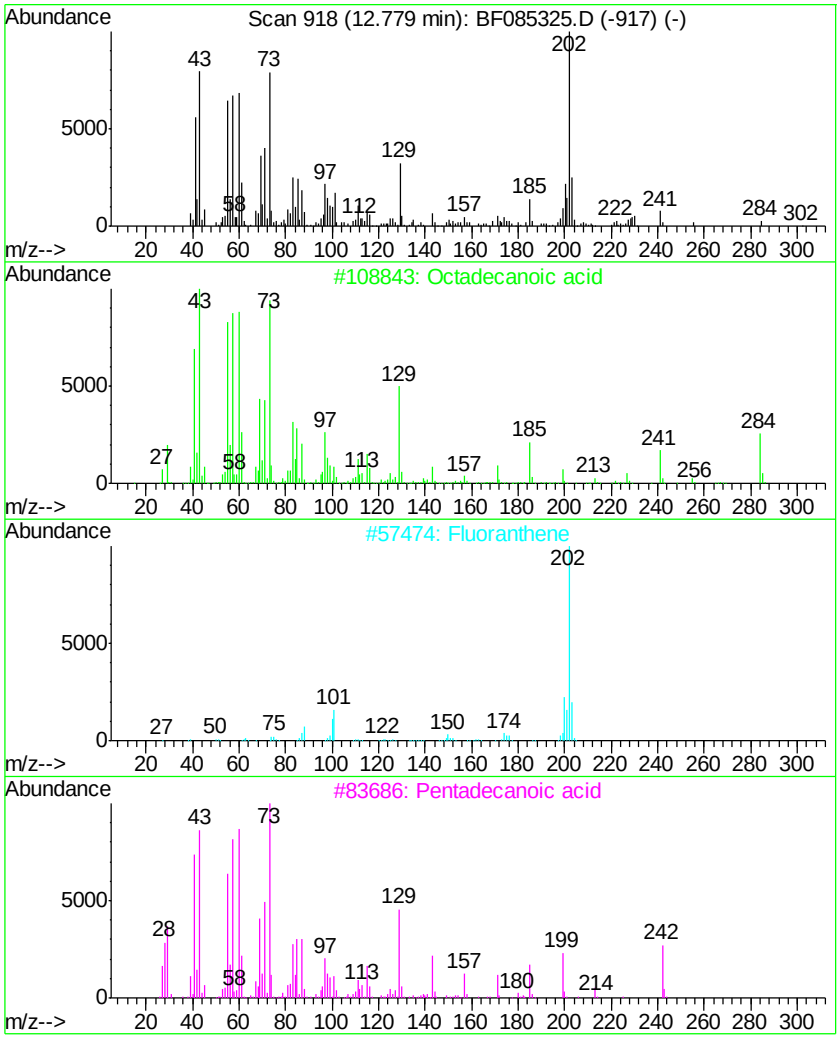
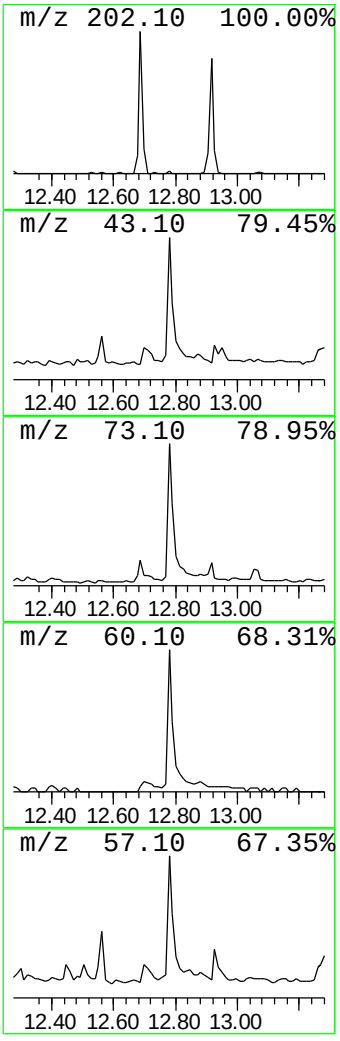
Peak Number 10 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	3.09 ng	279234	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Fluoranthene	202	C16H10	000206-44-0	64
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tetradecane	198	C14H30	000629-59-4	53
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





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Acq On : 10 Mar 2016 3:46
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-22(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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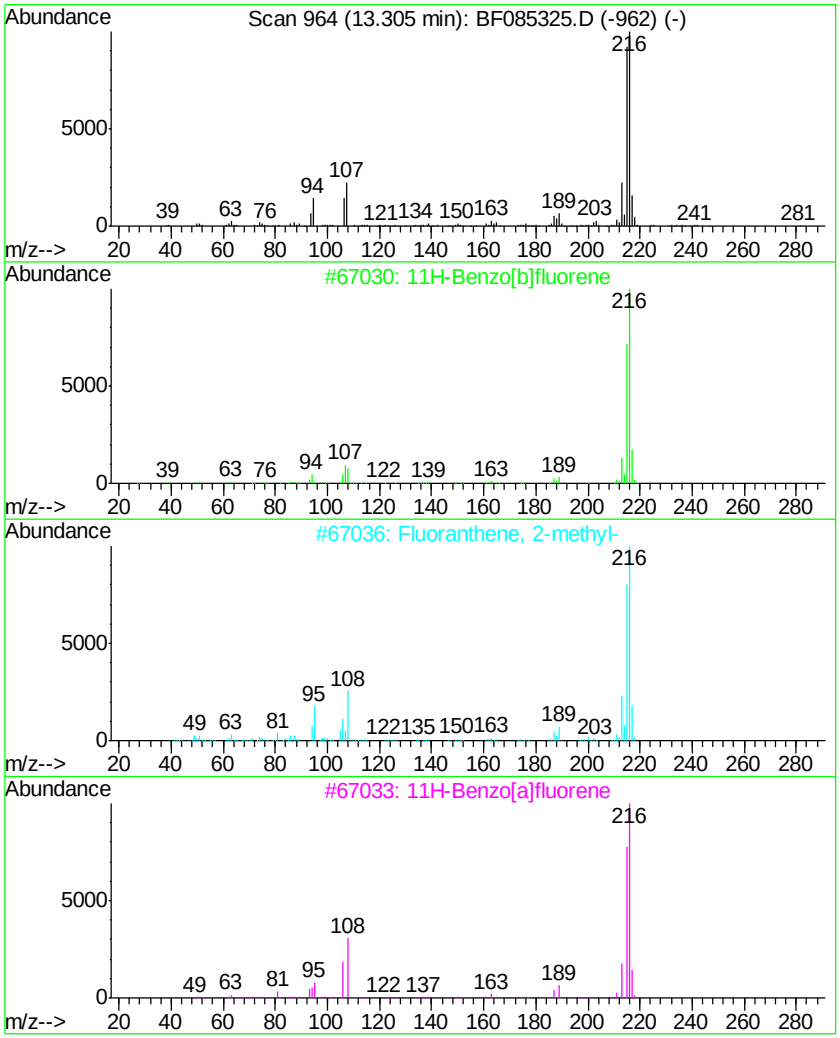
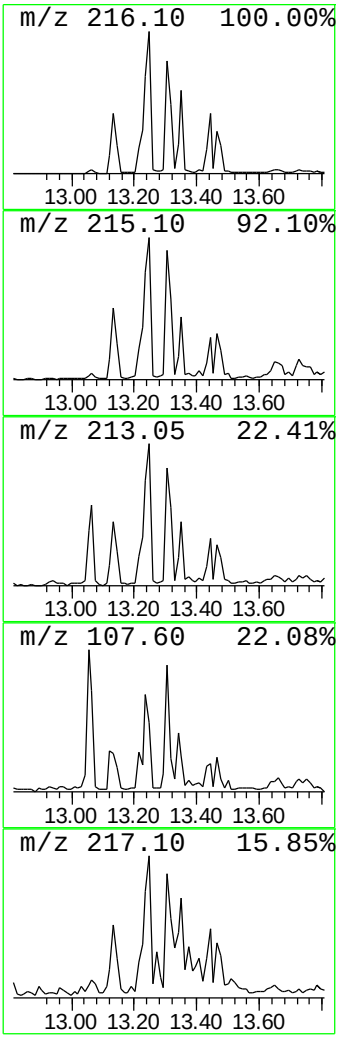
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	3.01 ng	328040	Chrysene-d12	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Sample : H1722-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-22(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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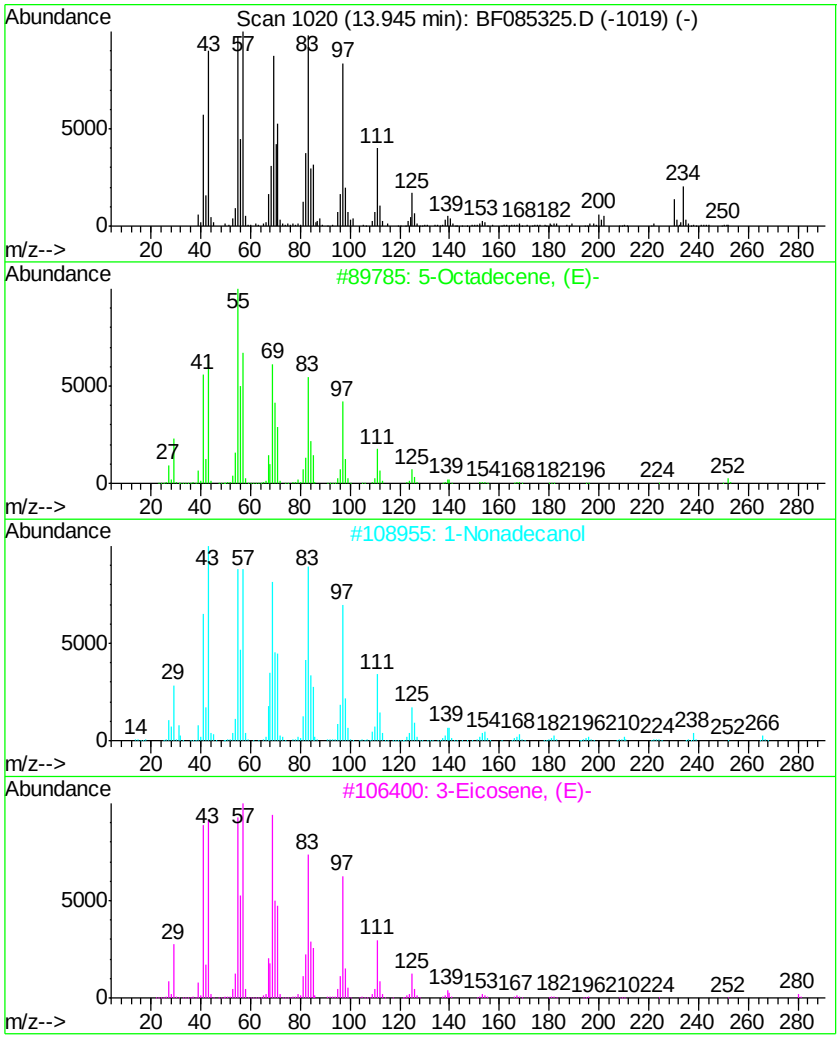
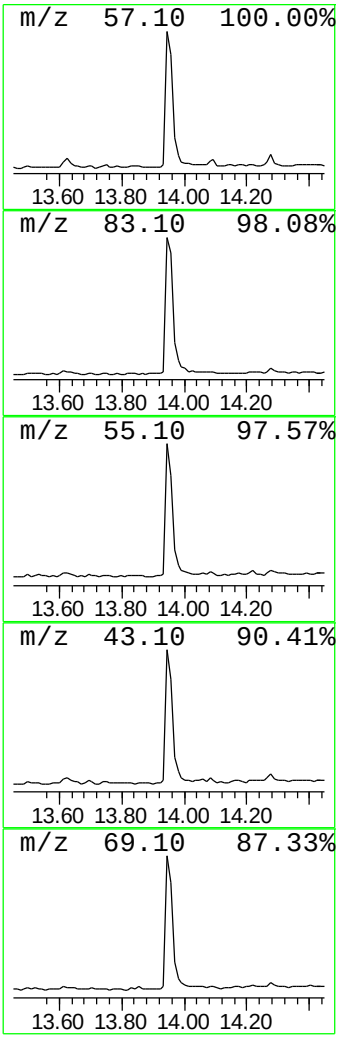
Peak Number 13 5-Octadecene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	6.98 ng	761628	Chrysene-d12	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
2	1-Nonadecanol	284	C19H40O	001454-84-8	93
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	90
5	1-Nonadecene	266	C19H38	018435-45-5	90





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Acq On : 10 Mar 2016 3:46
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-22(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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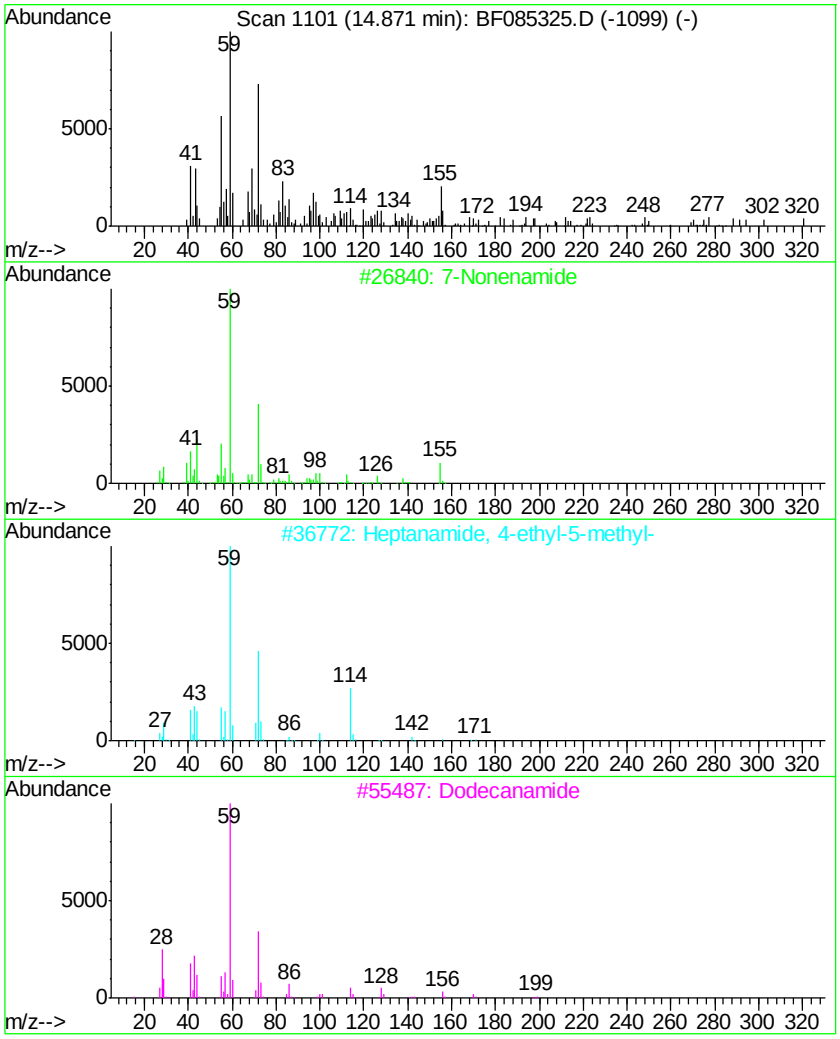
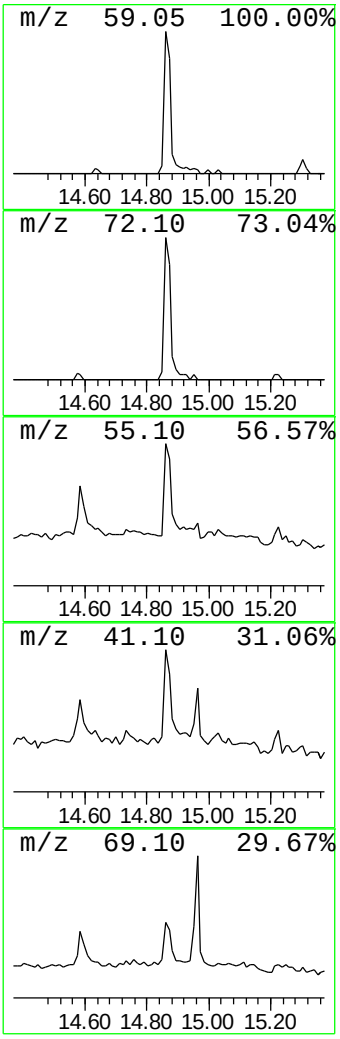
Peak Number 14 7-Nonenamide Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	3.86 ng	146616	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Nonenamide	155	C9H17NO	090949-53-4	64
2	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	50
3	Dodecanamide	199	C12H25NO	001120-16-7	43
4	Octadecanamide	283	C18H37NO	000124-26-5	43
5	Diazene, bis[3-(4-methoxycarbony...	282	C8H6N6O6	339246-68-3	43





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Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-22(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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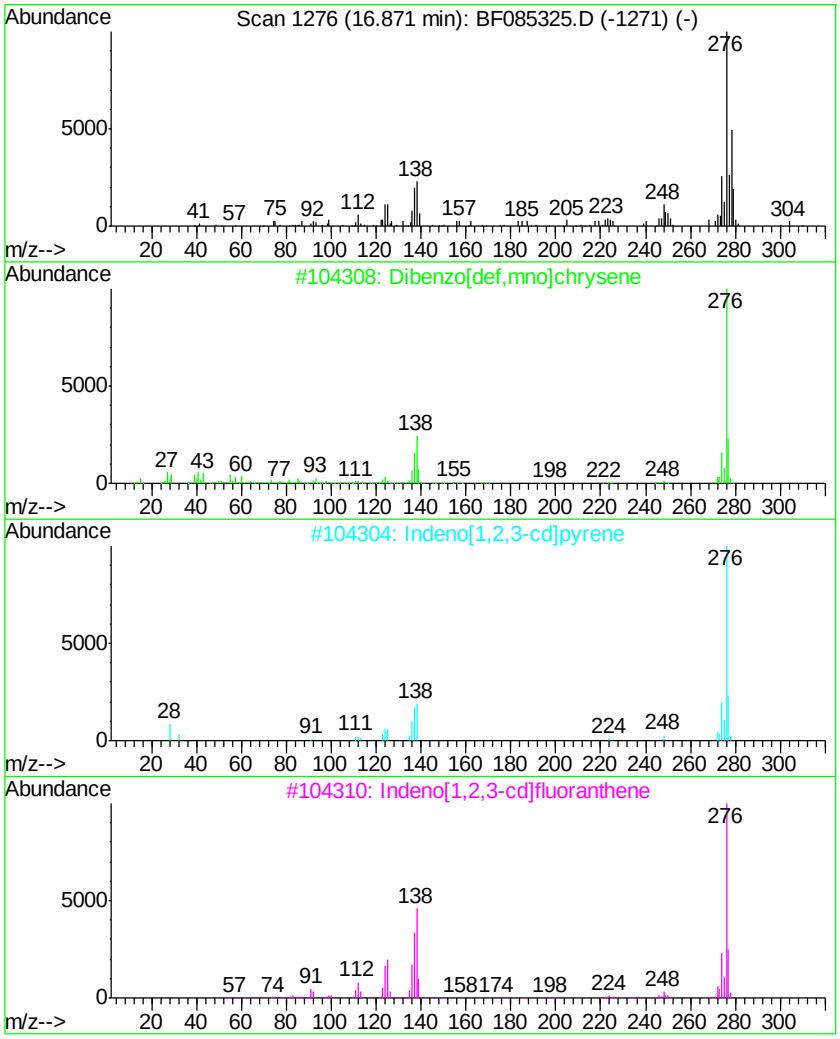
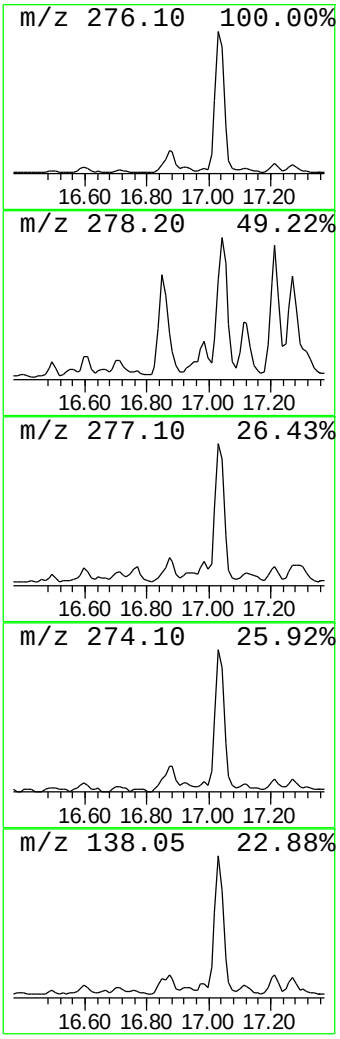
Peak Number 17 Dibenzo[def,mno]chrysene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	3.79 ng	144115	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	93
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	92
3	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	92
4	Benzo[ghi]perylene	276	C22H12	000191-24-2	91
5	1-Naphthalenecarboxylic acid, 2-...	276	C18H12O3	038119-11-8	42





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Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-22(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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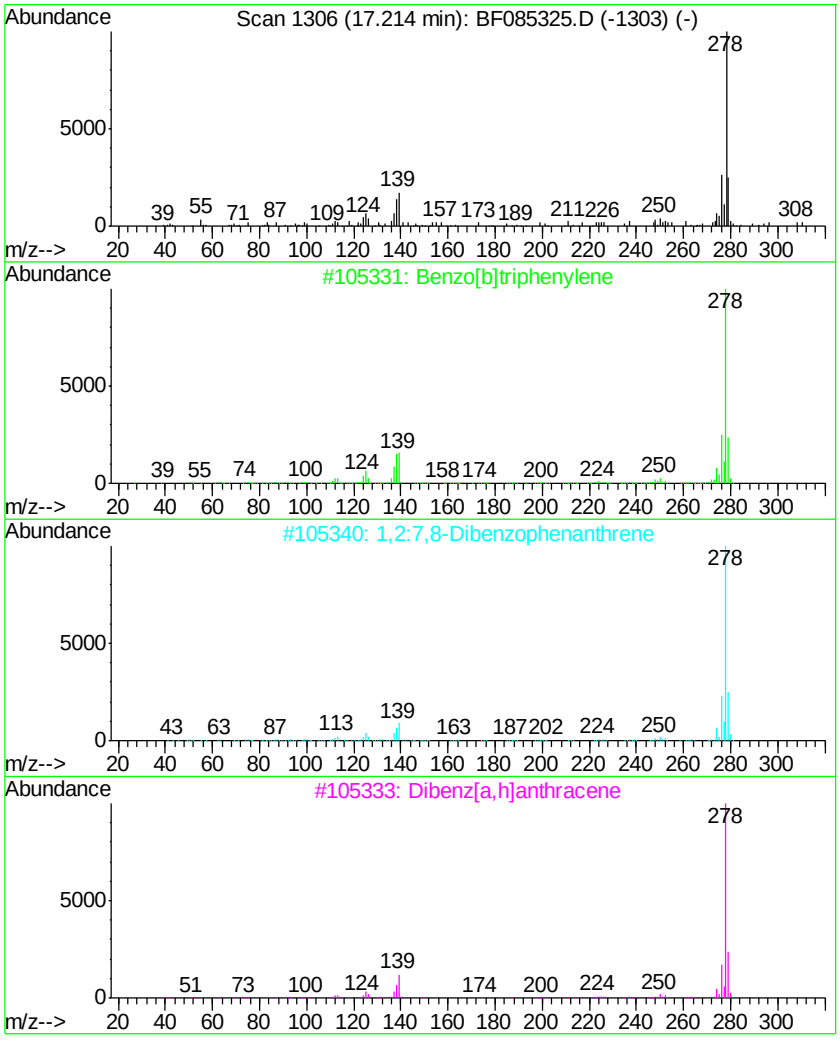
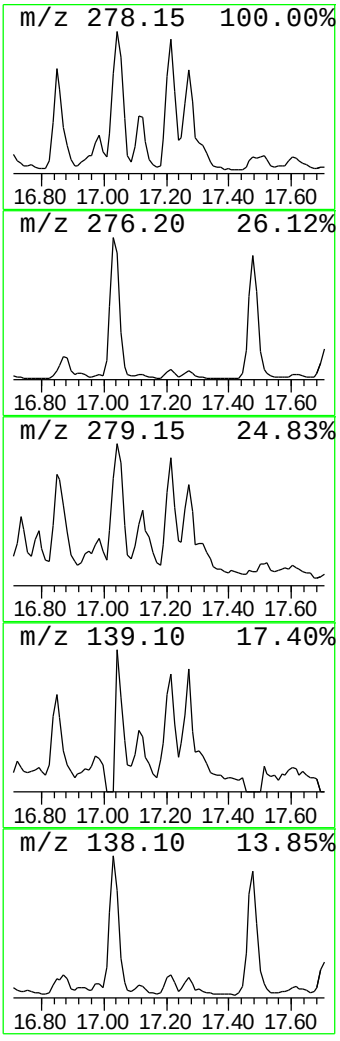
Peak Number 18 Benzo[b]triphenylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.21	3.26 ng	123807	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	97
2	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	94
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	94
4	Pentaphene	278	C22H14	000222-93-5	93
5	Benzo[a]naphthacene	278	C22H14	000226-88-0	91





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Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-22(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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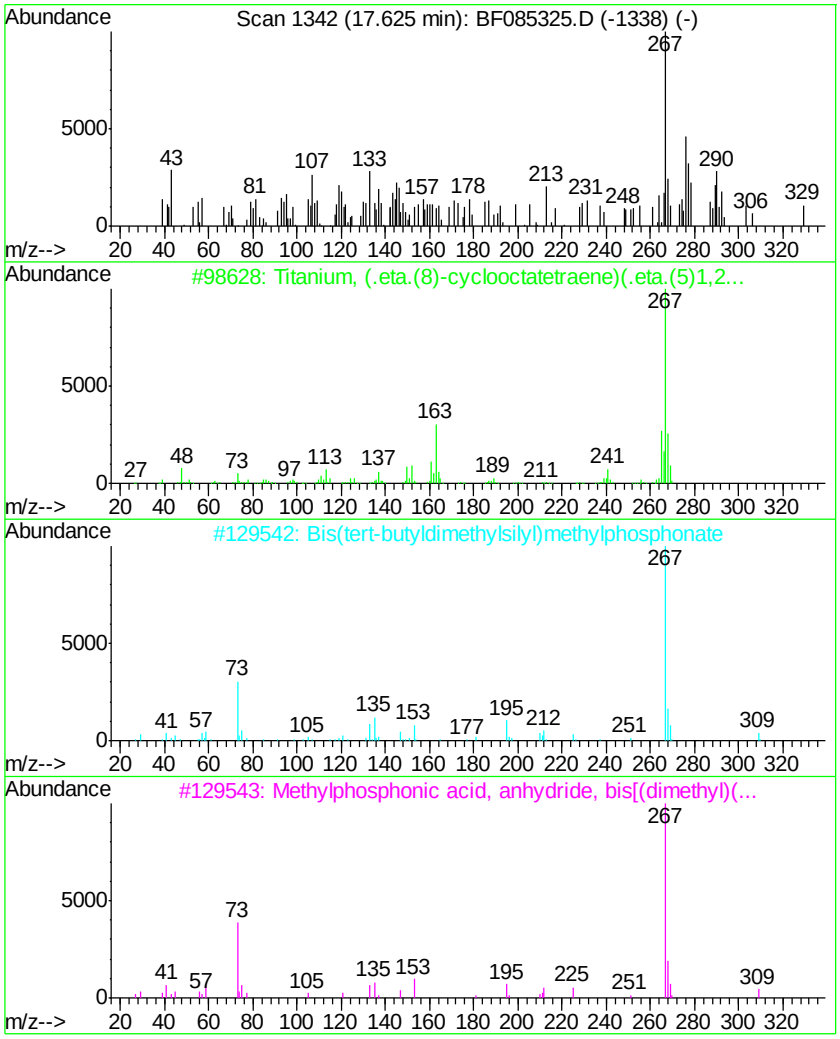
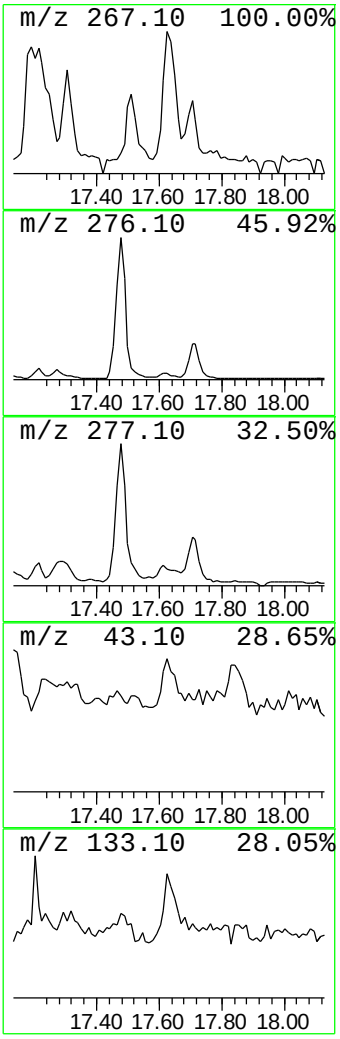
Peak Number 19 unknown17.63 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	4.17 ng	158303	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Titanium, (.eta.(8)-cyclooctatet...	267	C17H15Ti	054538-57-7	30
2	Bis(tert-butyldimethylsilyl)meth...	324	C13H33O3PSi2	1000289-58-1	27
3	Methylphosphonic acid, anhydride...	324	C13H33O3PSi2	154660-12-5	27
4	5-(p-Aminophenyl)-4-phenyl-2-thi...	267	C15H13N3S	092555-59-4	27
5	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085325.D
Acq On : 10 Mar 2016 3:46
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-22(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...	5.16	5.8	ng	294876	1	6.95	1011670	20.0
unknown6.71	6.71	80.0	ng	4047970	1	6.95	1011670	20.0
Dodecane, 3-methyl-	10.89	3.5	ng	318267	4	11.48	1808130	20.0
Phenanthrene, 2-m...	11.98	5.3	ng	475021	4	11.48	1808130	20.0
Phenanthrene, 1-m...	12.08	11.1	ng	1005760	4	11.48	1808130	20.0
Tricyclo[8.2.2.2(...	12.26	4.4	ng	397754	4	11.48	1808130	20.0
Phenanthrene, 2,5...	12.53	3.5	ng	315373	4	11.48	1808130	20.0
Octadecanoic acid	12.78	3.1	ng	279234	4	11.48	1808130	20.0
11H-Benzo[b]fluorene	13.31	3.0	ng	328040	5	14.12	2183030	20.0
5-Octadecene, (E)-	13.95	7.0	ng	761628	5	14.12	2183030	20.0
7-Nonenamide	14.87	3.9	ng	146616	6	15.58	759532	20.0
Dibenzo[def,mno]c...	16.87	3.8	ng	144115	6	15.58	759532	20.0
Benzo[b]triphenylene	17.21	3.3	ng	123807	6	15.58	759532	20.0
unknown17.63	17.63	4.2	ng	158303	6	15.58	759532	20.0