LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085443.D
Acq On : 14 Mar 2016 21:53
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 25 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	5.133	247	249	257	rVB	211867	306428	6.73%	0.460%
2	5.533	281	284	287	rBV	3514903	3754074	82.43%	5.640%
3	6.562	371	374	376	rBV	3450664	4554250	100.00%	6.842%
4	6.687	383	385	388	rBV	3048074	4390354	96.40%	6.596%
5	6.927	403	406	408	rBV	798990	1060751	23.29%	1.594%
6	7.076	417	419	422	rVB	2831013	3274765	71.91%	4.920%
7	7.487	452	455	457	rBV	2640181	2713646	59.58%	4.077%
8	7.579	460	463	465	rVB	87933	108322	2.38%	0.163%
9	8.207	515	518	520	rBV	1776203	1530915	33.62%	2.300%
10	9.282	609	612	615	rBV	3448714	4377084	96.11%	6.576%
11	9.625	639	642	645	rBV	93409	161011	3.54%	0.242%
12	9.682	645	647	648	rVV	747433	835216	18.34%	1.255%
13	9.739	650	652	657	rVB	59361	72091	1.58%	0.108%
14	9.819	657	659	661	rBV	96650	107826	2.37%	0.162%
15	9.888	661	665	668	rBV	112567	163740	3.60%	0.246%
16	9.968	669	672	673	rVV	1570992	1562158	34.30%	2.347%
17	9.990	673	674	676	rVB	108112	124557	2.73%	0.187%
18	10.116	683	685	687	rBV3	39756	76971	1.69%	0.116%
19	10.162	687	689	692	rVV3	125184	151732	3.33%	0.228%
20	10.208	692	693	696	rVB2	77825	72098	1.58%	0.108%
21	10.276	698	699	701	rBV	64961	67816	1.49%	0.102%
22	10.368	705	707	708	rBV	85047	103507	2.27%	0.156%
23	10.390	708	709	711	rVB	248484	193287	4.24%	0.290%
24	10.505	718	719	722	rVB	195535	219292	4.82%	0.329%
25	10.573	722	725	726	rBV2	55724	78272	1.72%	0.118%
26	10.619	726	729	732	rVV3	68777	138354	3.04%	0.208%
27	10.665	732	733	735	rVB	107520	83939	1.84%	0.126%
28	10.756	738	741	743	rBV	2784473	2903731	63.76%	4.363%
29	10.871	749	751	755	rVB	210425	329243	7.23%	0.495%
30	11.053	765	767	769	rBV3	122004	188623	4.14%	0.283%
31	11.191	776	779	783	rVV4	56607	165522	3.63%	0.249%
32	11.316	786	790	791	rBV2	145016	213814	4.69%	0.321%
33	11.339	791	792	795	rVB	117549	170195	3.74%	0.256%
34	11.453	799	802	803	rBV	1349393	1891282	41.53%	2.842%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
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Acq On : 14 Mar 2016 21:53
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 25 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	11.476	803	804	806	rVV	1867766	1326981	29.14%	1.994%
36	11.522	806	808	810	rVV	662382	553628	12.16%	0.832%
37	11.682	818	822	825	rBV2	50698	144337	3.17%	0.217%
38	11.739	825	827	829	rVB	119195	105931	2.33%	0.159%
39	11.773	829	830	833	rVB2	71456	94795	2.08%	0.142%
40	11.945	843	845	846	rBV	259644	337038	7.40%	0.506%
41	11.979	846	848	850	rVB	1013209	908126	19.94%	1.364%
42	12.025	850	852	853	rBV	209992	164544	3.61%	0.247%
43	12.059	853	855	859	rVB	663941	1009000	22.16%	1.516%
44	12.151	859	863	864	rBV2	64517	96862	2.13%	0.146%
45	12.242	869	871	872	rBV	240258	202137	4.44%	0.304%
46	12.391	881	884	886	rBV2	75902	103949	2.28%	0.156%
47	12.425	886	887	888	rVB	112364	77082	1.69%	0.116%
48	12.505	891	894	895	rBV	200647	312829	6.87%	0.470%
49	12.539	895	897	900	rVV	164703	232191	5.10%	0.349%
50	12.585	900	901	906	rVB3	176145	201568	4.43%	0.303%
51	12.665	906	908	910	rBV	3003689	2714986	59.61%	4.079%
52	12.722	910	913	915	rVV2	64559	129028	2.83%	0.194%
53	12.756	915	916	920	rVV3	259333	313213	6.88%	0.471%
54	12.814	920	921	923	rVV	113010	100604	2.21%	0.151%
55	12.894	925	928	930	rVV	2461993	2702171	59.33%	4.060%
56	12.939	930	932	934	rVB2	120466	154969	3.40%	0.233%
57	13.031	938	940	943	rVB	2457549	3390242	74.44%	5.094%
58	13.111	943	947	951	rBV3	189679	333027	7.31%	0.500%
59	13.214	953	956	958	rVB	352051	544595	11.96%	0.818%
60	13.282	960	962	964	rVV	389304	351136	7.71%	0.528%
61	13.316	964	965	969	rVB2	217059	308376	6.77%	0.463%
62	13.419	972	974	975	rVB	101850	130517	2.87%	0.196%
63	13.442	975	976	978	rBV	158082	154887	3.40%	0.233%
64	13.591	987	989	990	rBV2	60377	80015	1.76%	0.120%
65	13.728	997	1001	1003	rBV2	90224	197681	4.34%	0.297%
66	13.831	1008	1010	1012	rBV2	145713	259452	5.70%	0.390%
67	13.865	1012	1013	1014	rVV	195722	157460	3.46%	0.237%
68	13.888	1014	1015	1017	rVV2	149151	212055	4.66%	0.319%
69	13.922	1017	1018	1022	rVV2	710402	838141	18.40%	1.259%
70	14.002	1023	1025	1028	rVV	52211	81459	1.79%	0.122%
71	14.082	1029	1032	1034	rVV2	1473828	2408509	52.88%	3.619%

LSC Area Percent Report

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Data File : BF085443.D
Acq On : 14 Mar 2016 21:53
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 25 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

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Peak separation: 5

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

72	14.117	1034	1035	1037	rVV	820286	646843	14.20%	0.972%
73	14.197	1038	1042	1043	rVV2	137355	211377	4.64%	0.318%
74	14.231	1043	1045	1048	rVV2	74678	201336	4.42%	0.302%
75	14.311	1050	1052	1054	rVV2	84957	144040	3.16%	0.216%
76	14.414	1058	1061	1062	rBV2	46639	80360	1.76%	0.121%
77	14.437	1062	1063	1064	rVV	68684	69323	1.52%	0.104%
78	14.471	1064	1066	1068	rVV	231160	285902	6.28%	0.430%
79	14.505	1068	1069	1071	rVV	119459	112213	2.46%	0.169%
80	14.562	1071	1074	1076	rVV3	175073	294461	6.47%	0.442%
81	14.619	1076	1079	1081	rVV3	155702	279012	6.13%	0.419%
82	14.665	1081	1083	1086	rVB3	58151	98980	2.17%	0.149%
83	14.779	1091	1093	1094	rBV2	41583	70480	1.55%	0.106%
84	14.837	1097	1098	1101	rVB2	125777	155966	3.42%	0.234%
85	15.122	1120	1123	1128	rBV	720007	1464860	32.16%	2.201%
86	15.225	1130	1132	1134	rVB	166803	177351	3.89%	0.266%
87	15.328	1138	1141	1143	rBV2	38234	107755	2.37%	0.162%
88	15.420	1147	1149	1152	rVB	426586	547408	12.02%	0.822%
89	15.477	1152	1154	1158	rBV	551346	864799	18.99%	1.299%
90	15.545	1158	1160	1166	rVB2	728755	1172013	25.73%	1.761%
91	16.060	1202	1205	1207	rBV3	41390	70652	1.55%	0.106%
92	16.242	1219	1221	1228	rVB2	51238	129009	2.83%	0.194%
93	16.985	1283	1286	1291	rVB2	261949	550843	12.10%	0.828%
94	17.065	1291	1293	1299	rVB2	33008	74498	1.64%	0.112%
95	17.168	1299	1302	1304	rBV	75647	156924	3.45%	0.236%
96	17.225	1304	1307	1308	rBV	38335	64464	1.42%	0.097%
97	17.431	1321	1325	1333	rVB	193248	479095	10.52%	0.720%
98	17.568	1333	1337	1342	rVV5	50928	175146	3.85%	0.263%
99	17.660	1342	1345	1352	rVB2	70521	166401	3.65%	0.250%
100	18.586	1424	1426	1434	rVB9	38152	129199	2.84%	0.194%

Sum of corrected areas: 66559097

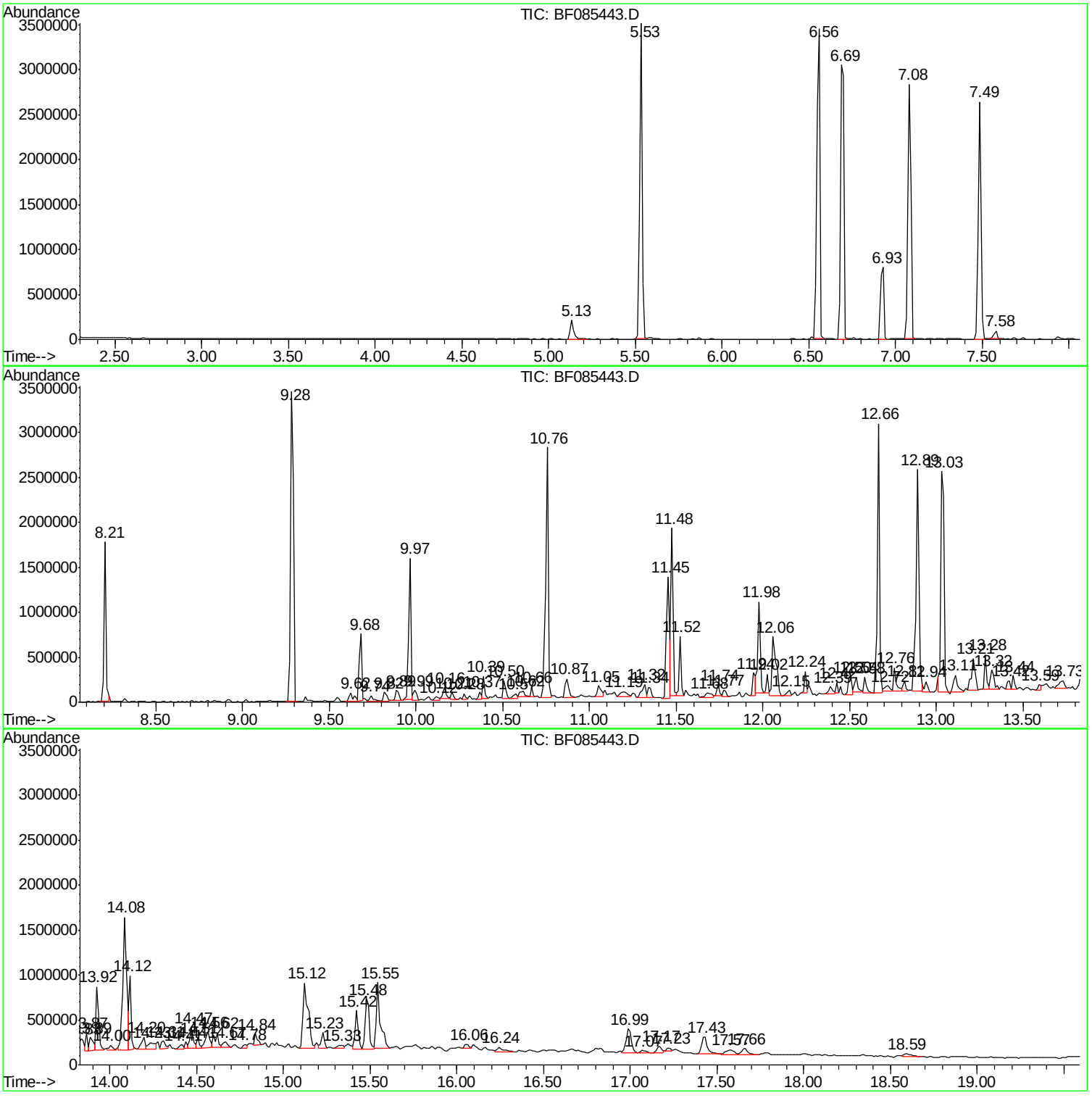
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085443.D
Acq On : 14 Mar 2016 21:53
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 25 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\BF031416\
Data File : BF085443.D
Acq On : 14 Mar 2016 21:53
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 25 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

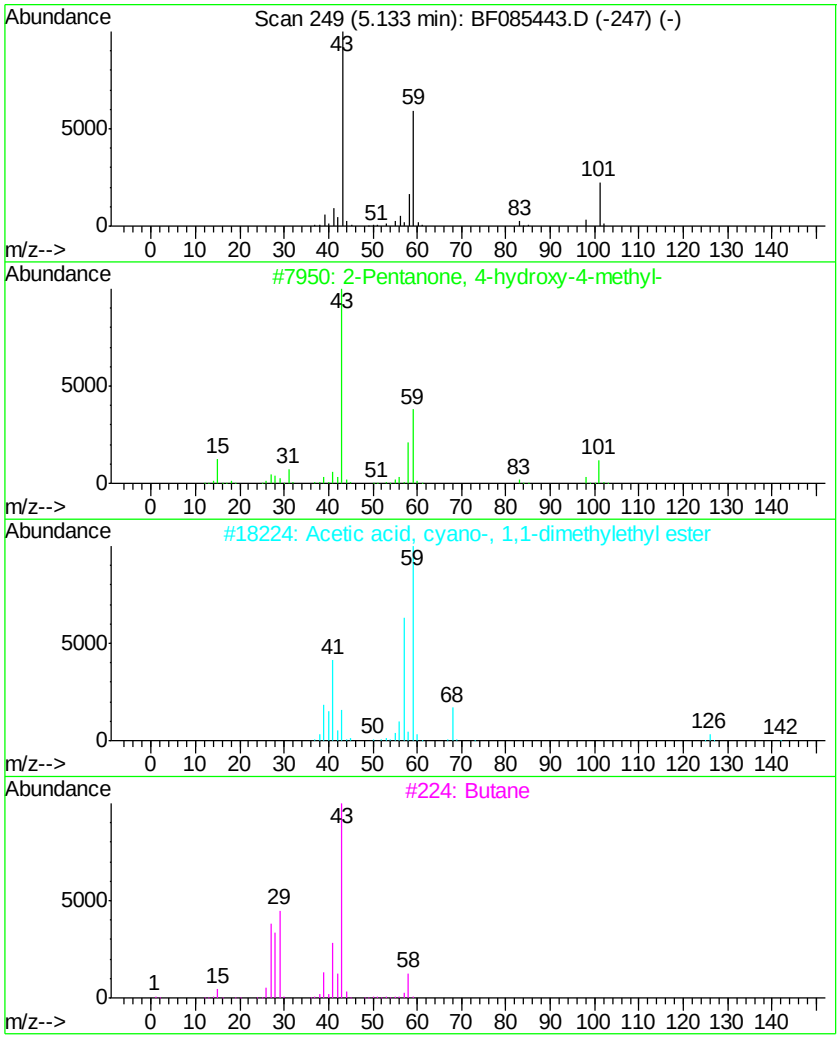
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

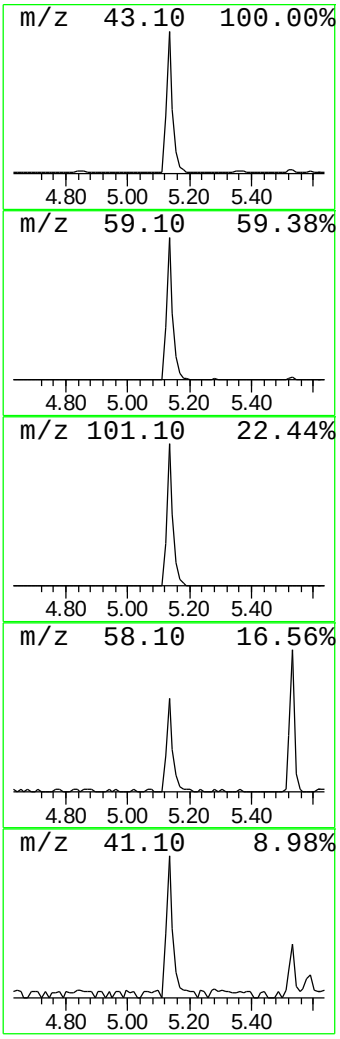
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	5.78 ng	306428	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Butane	58	C4H10	000106-97-8	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085443.D
Acq On : 14 Mar 2016 21:53
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 25 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

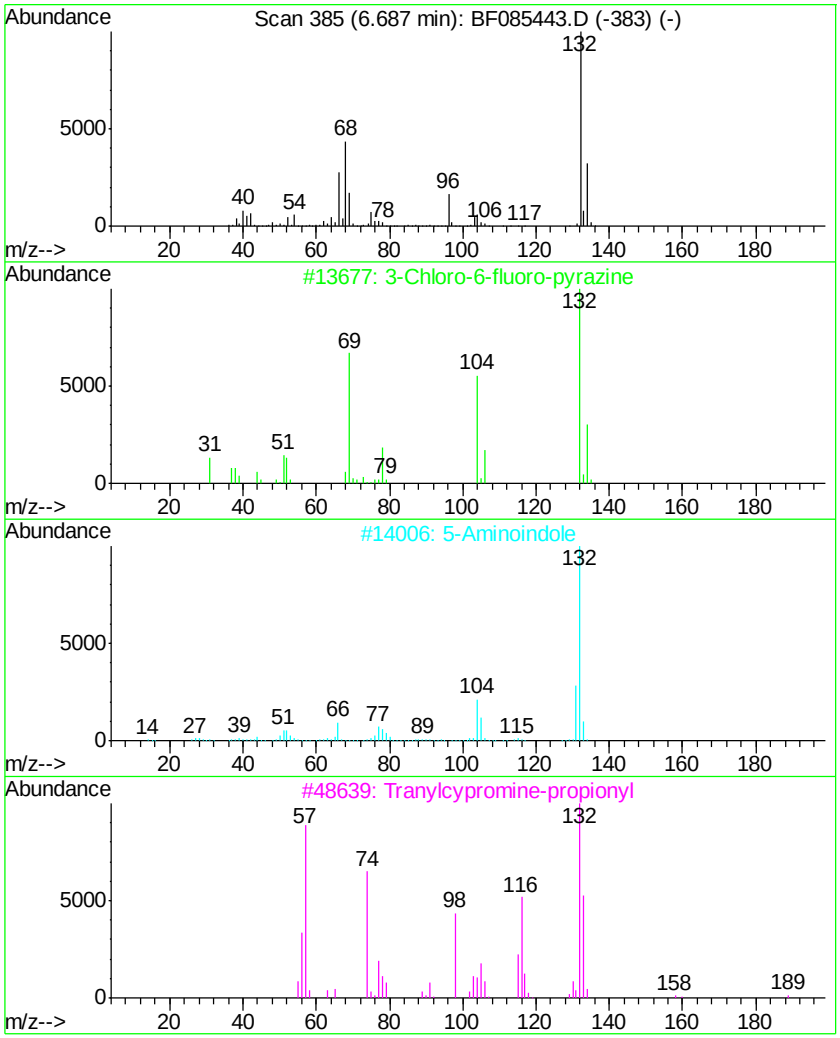
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

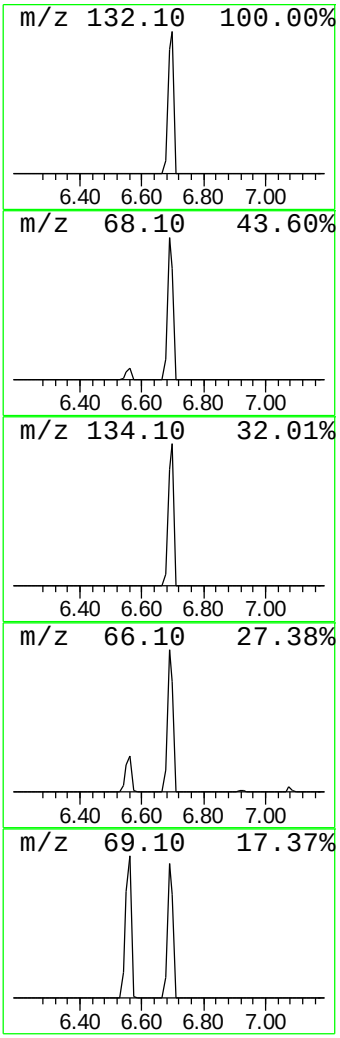
****

Peak Number 2 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	82.78 ng	4390350	1,4-Dichlorobenzene-d4	6.93

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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085443.D
Acq On : 14 Mar 2016 21:53
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 25 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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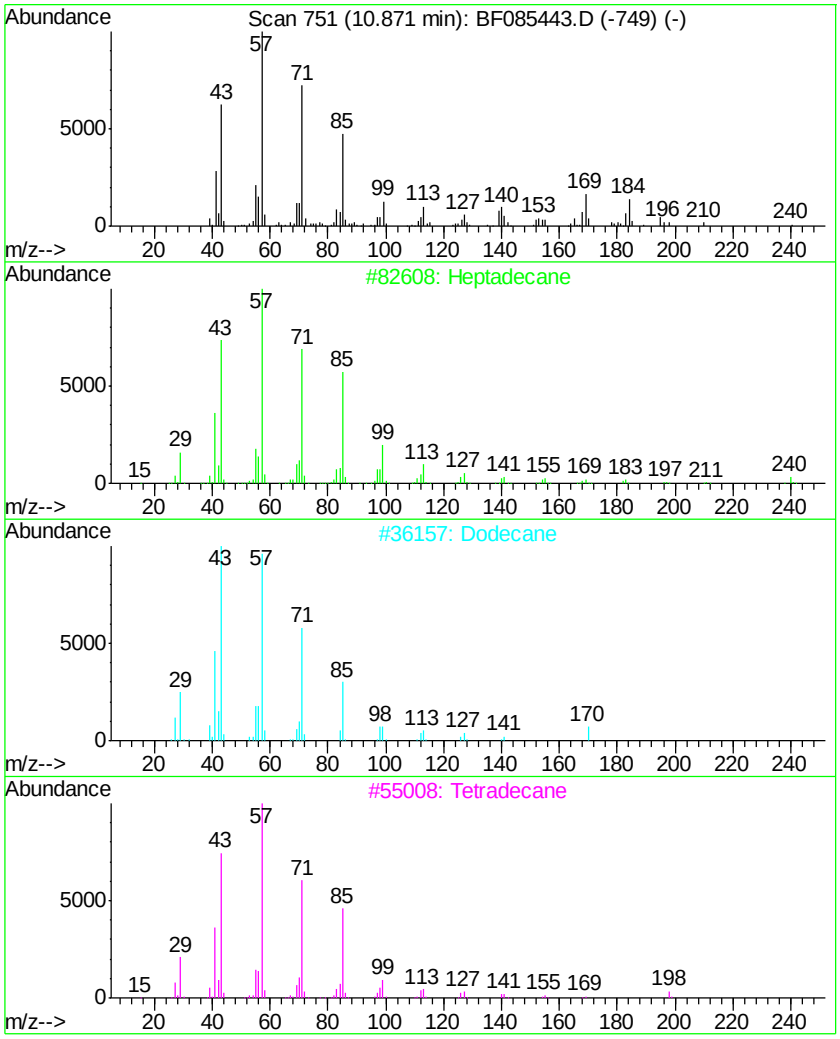
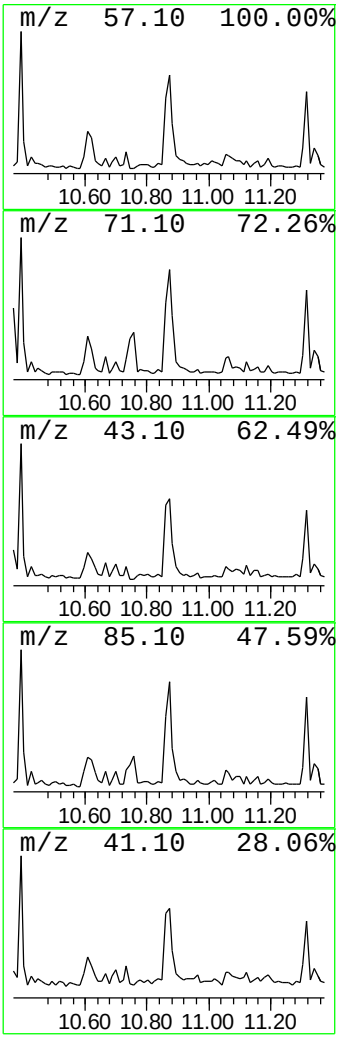
Peak Number 4 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	3.48 ng	329243	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Dodecane	170	C12H26	000112-40-3	90
3	Tetradecane	198	C14H30	000629-59-4	76
4	Tridecane	184	C13H28	000629-50-5	74
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	74





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085443.D
Acq On : 14 Mar 2016 21:53
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 25 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

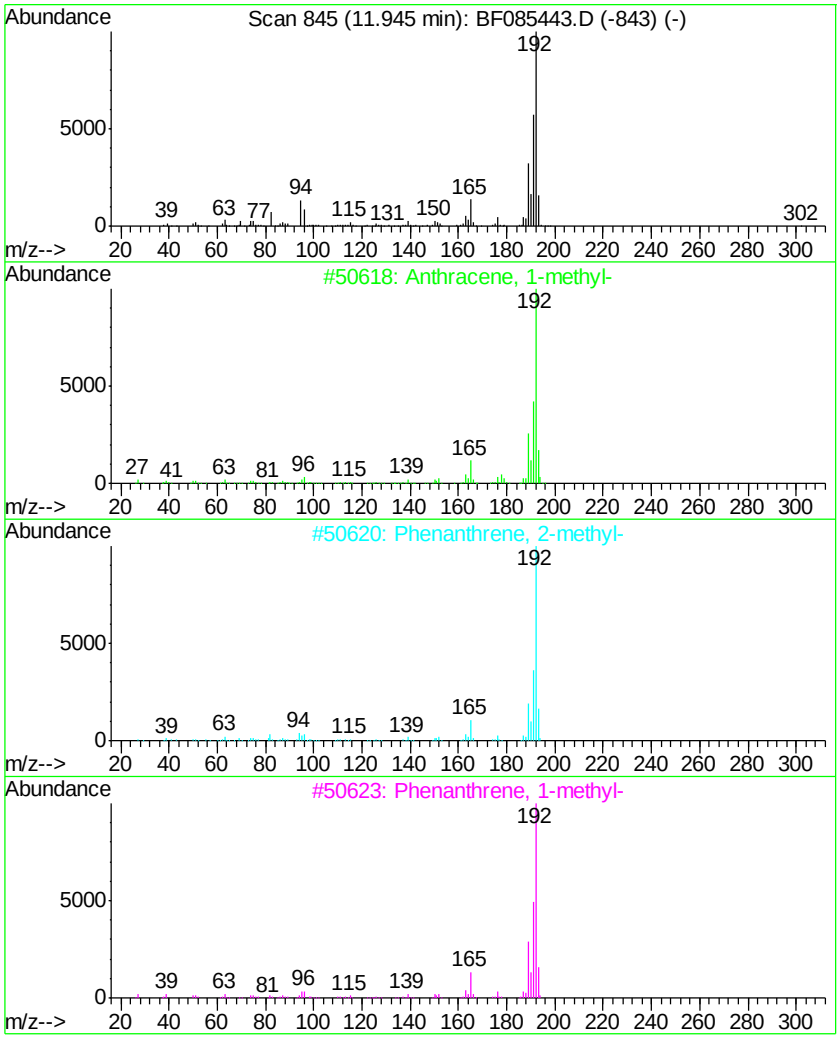
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

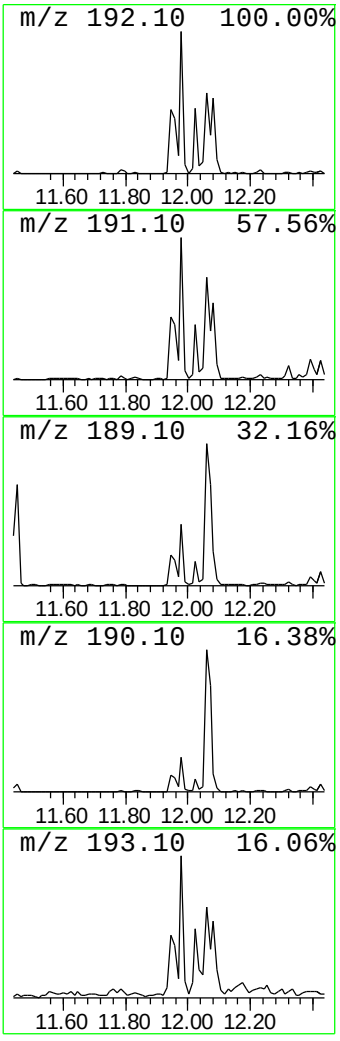
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	3.56 ng	337038	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085443.D
Acq On : 14 Mar 2016 21:53
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 25 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

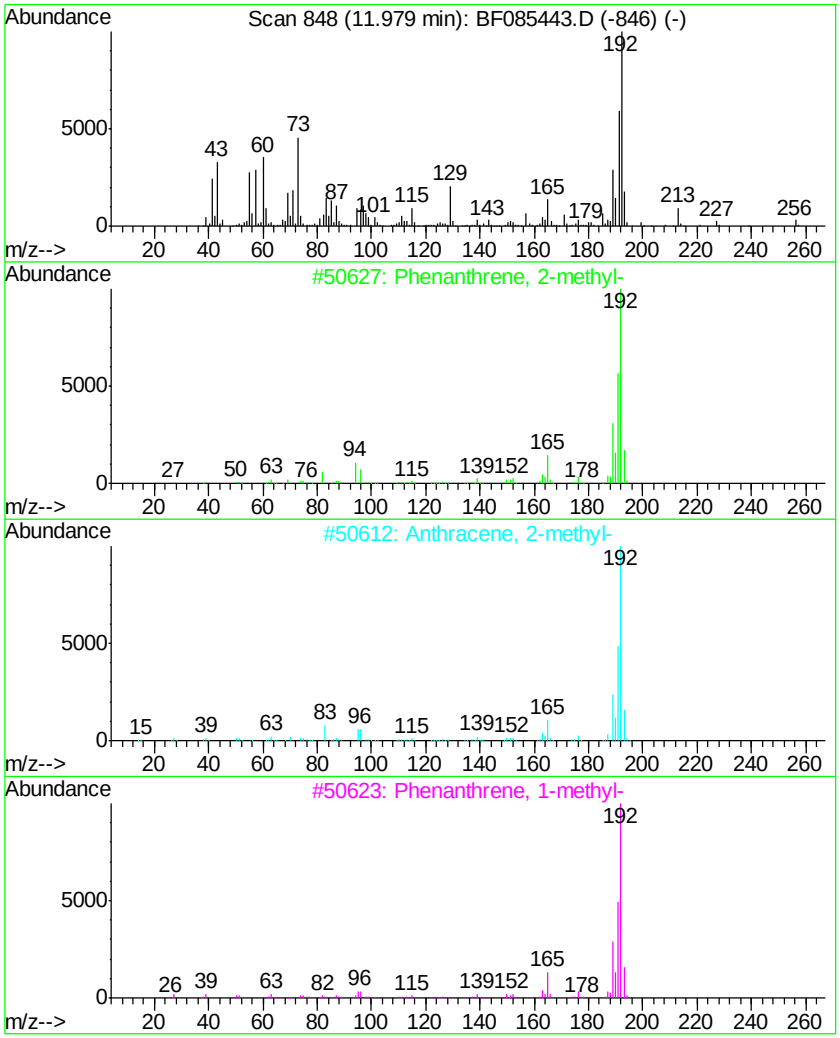
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

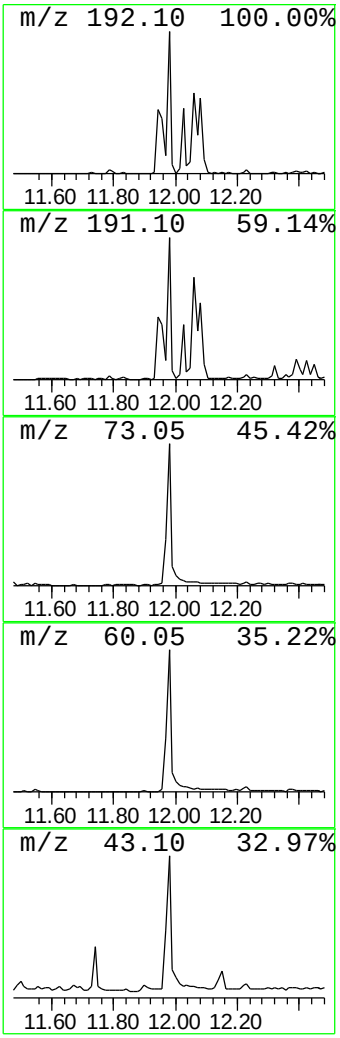
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	9.60 ng	908126	Phenanthrene-d10	11.45

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	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	92





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085443.D
Acq On : 14 Mar 2016 21:53
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 25 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

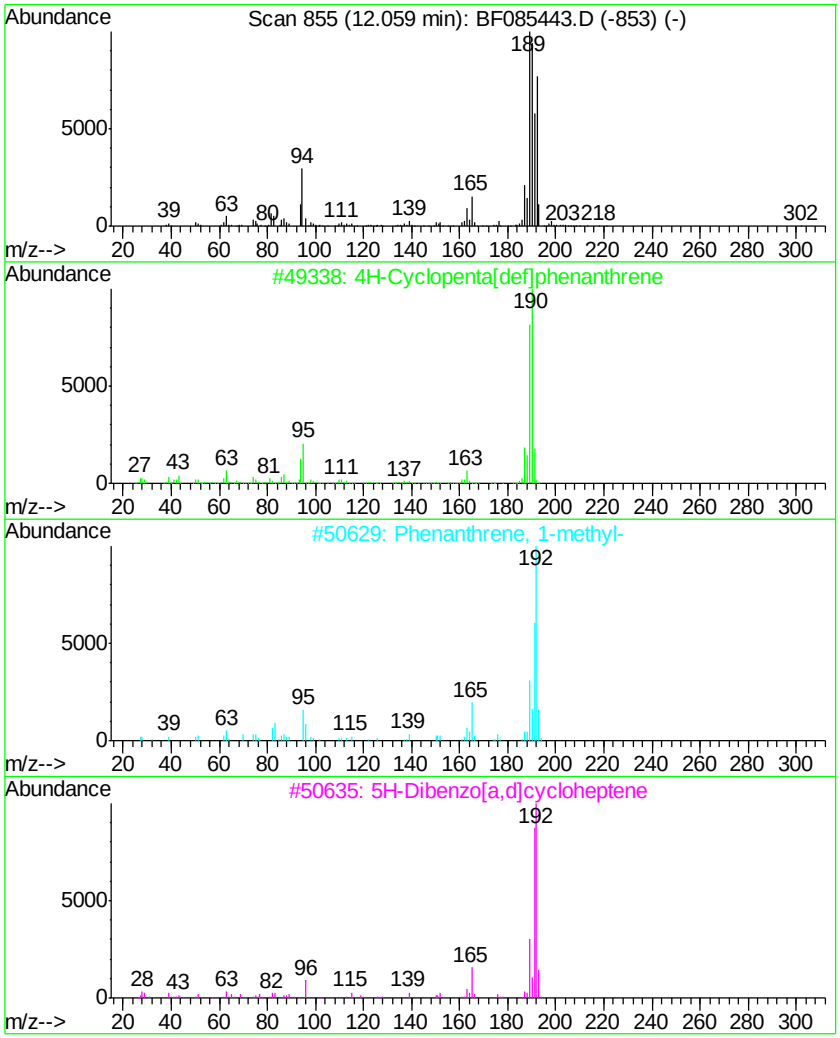
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

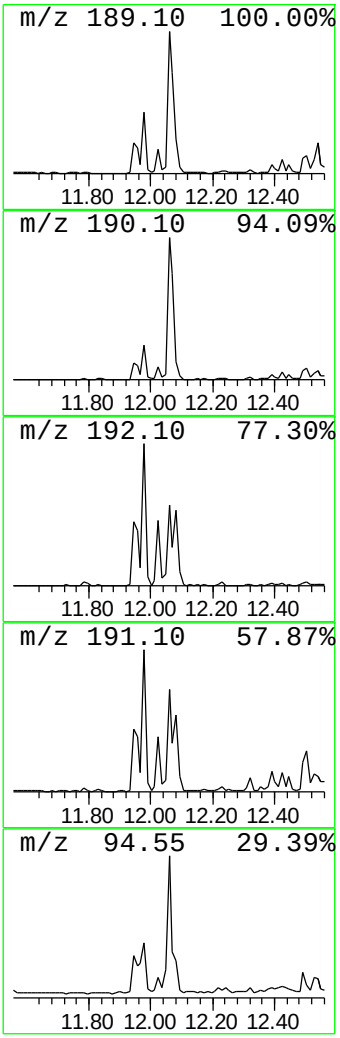
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	10.67 ng	1009000	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38





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Data File : BF085443.D
Acq On : 14 Mar 2016 21:53
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 25 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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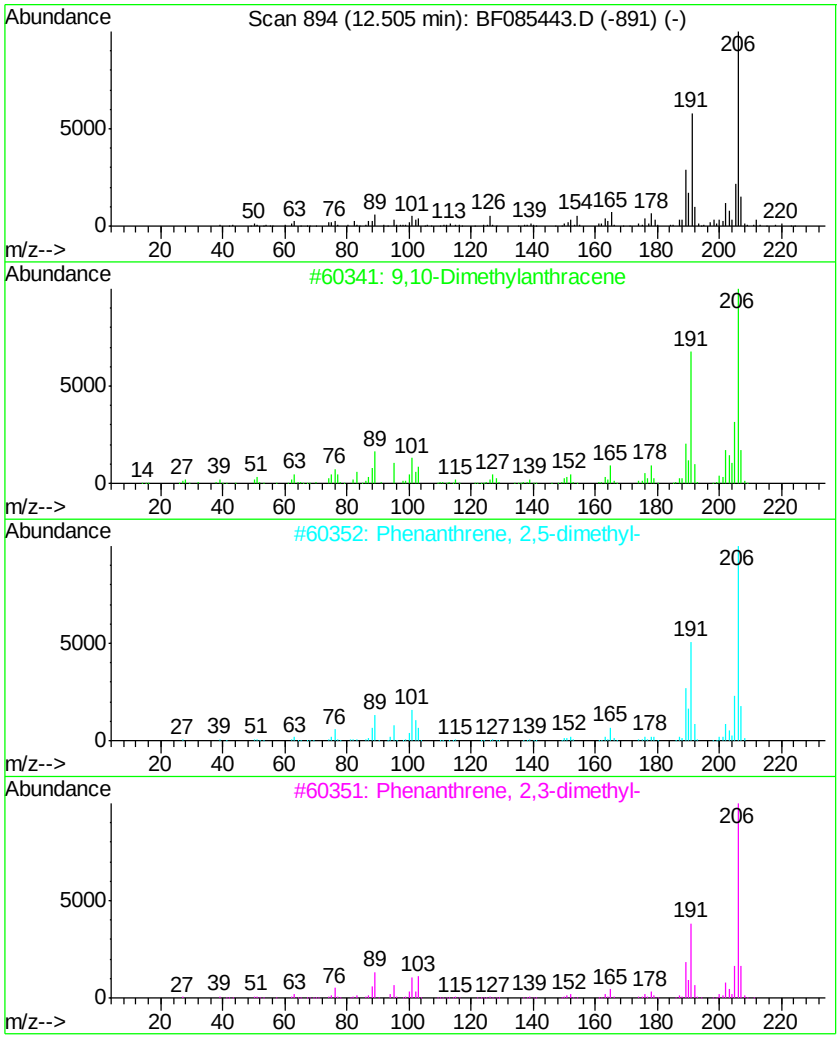
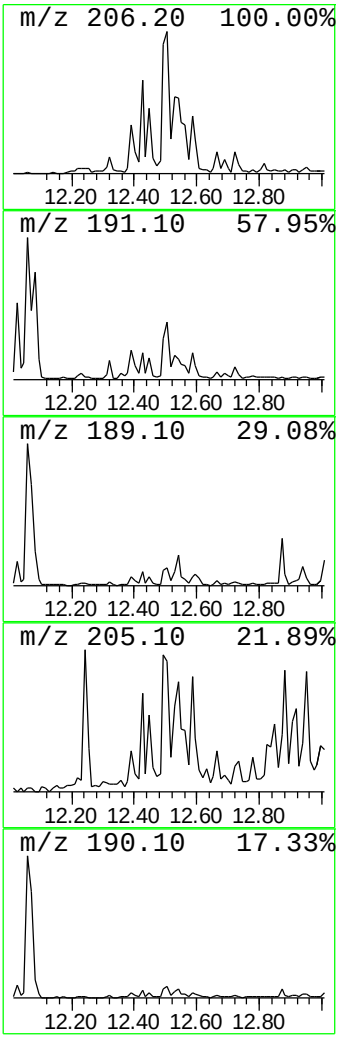
Peak Number 8 9,10-Dimethylanthracene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	3.31 ng	312829	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	86





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Acq On : 14 Mar 2016 21:53
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 25 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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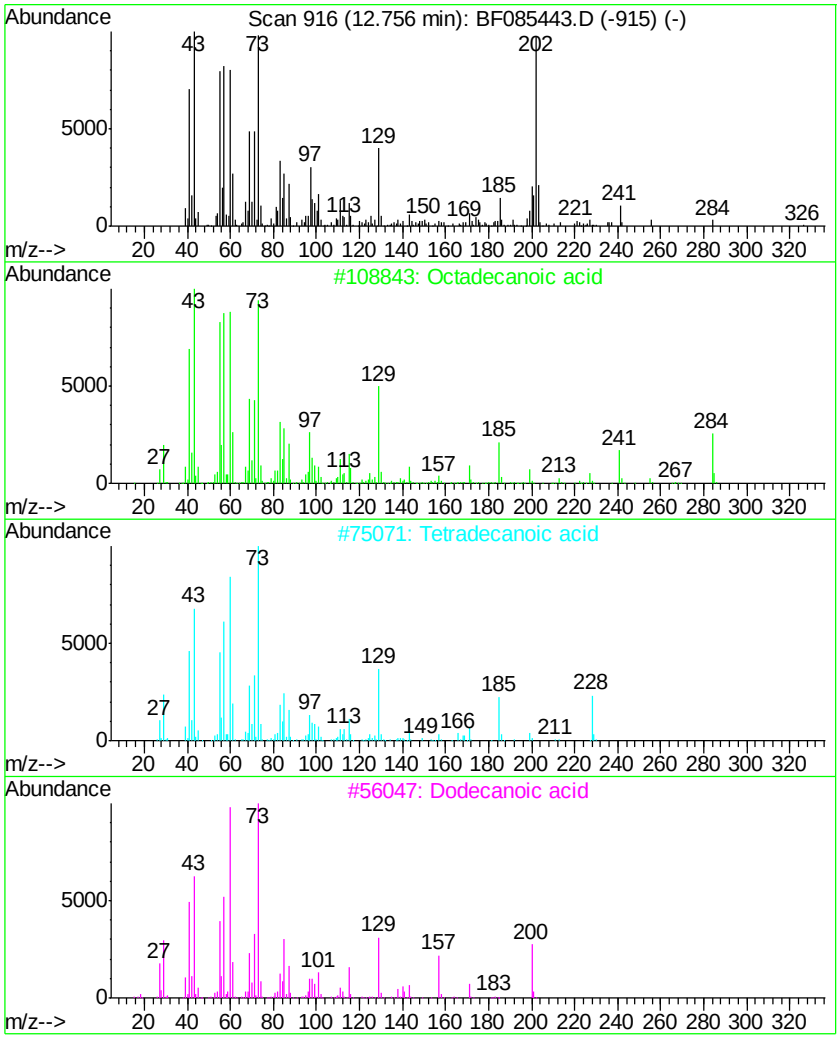
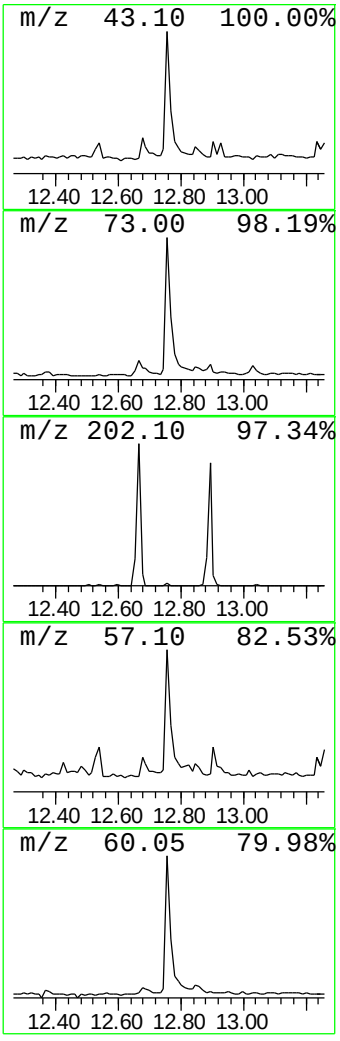
Peak Number 9 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	3.31 ng	313213	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	55
3	Dodecanoic acid	200	C12H24O2	000143-07-7	55
4	n-Decanoic acid	172	C10H20O2	000334-48-5	49
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	46





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Data File : BF085443.D
Acq On : 14 Mar 2016 21:53
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 25 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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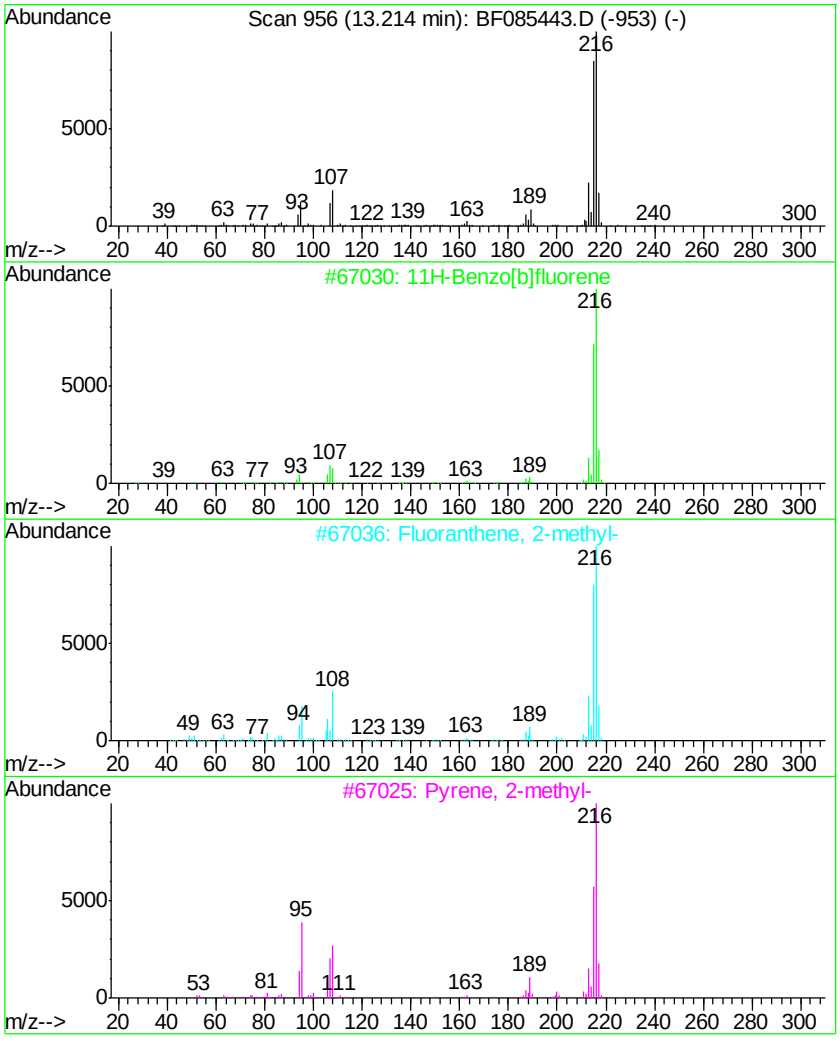
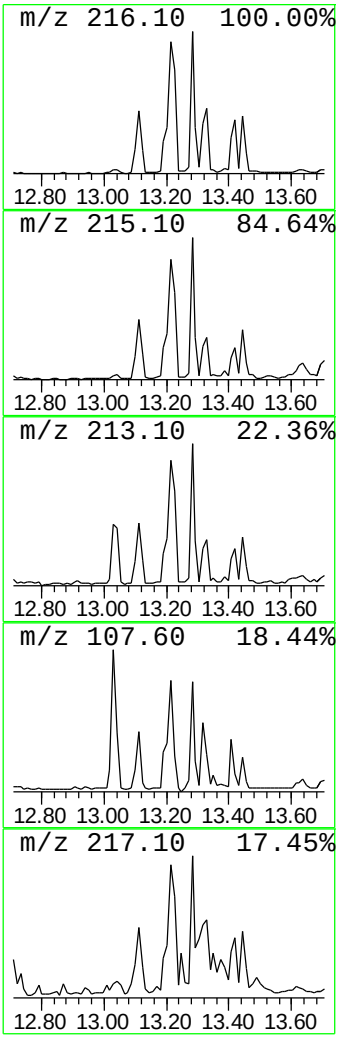
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	4.52 ng	544595	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91





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Data File : BF085443.D
Acq On : 14 Mar 2016 21:53
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 25 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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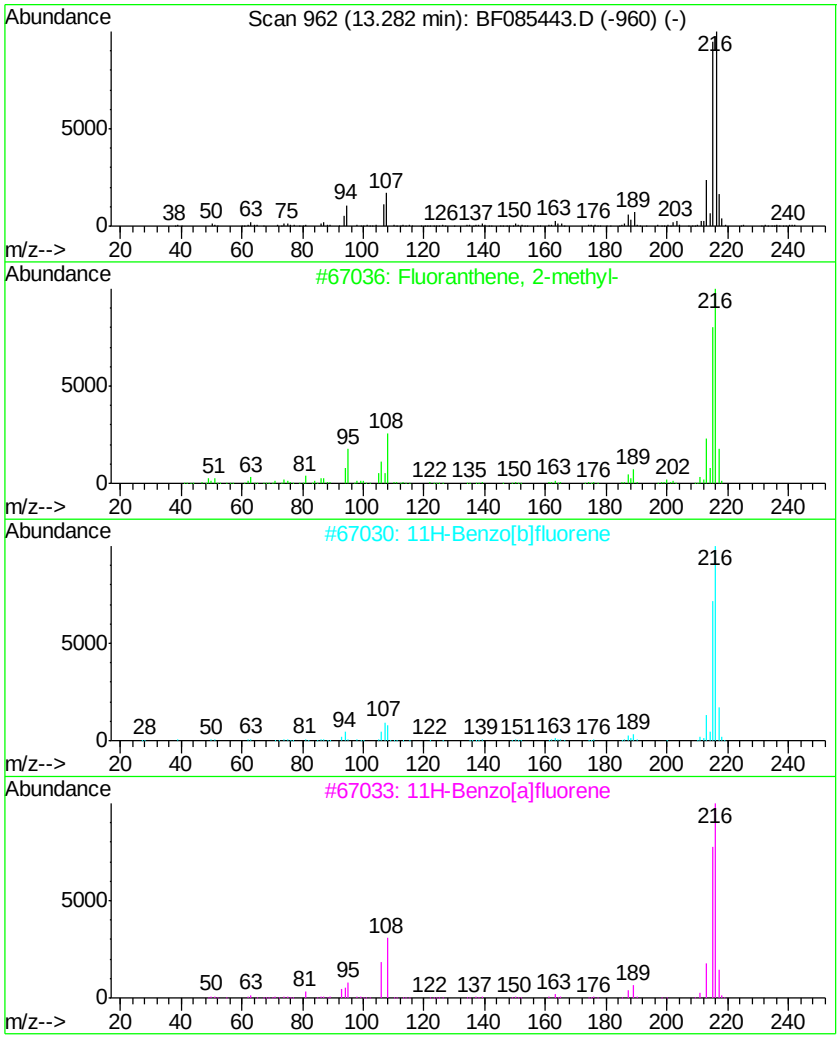
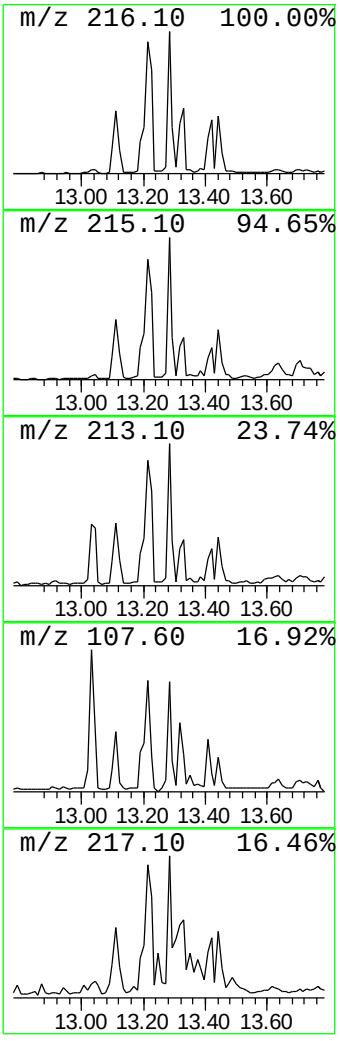
Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	2.92 ng	351136	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83





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Acq On : 14 Mar 2016 21:53
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 25 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

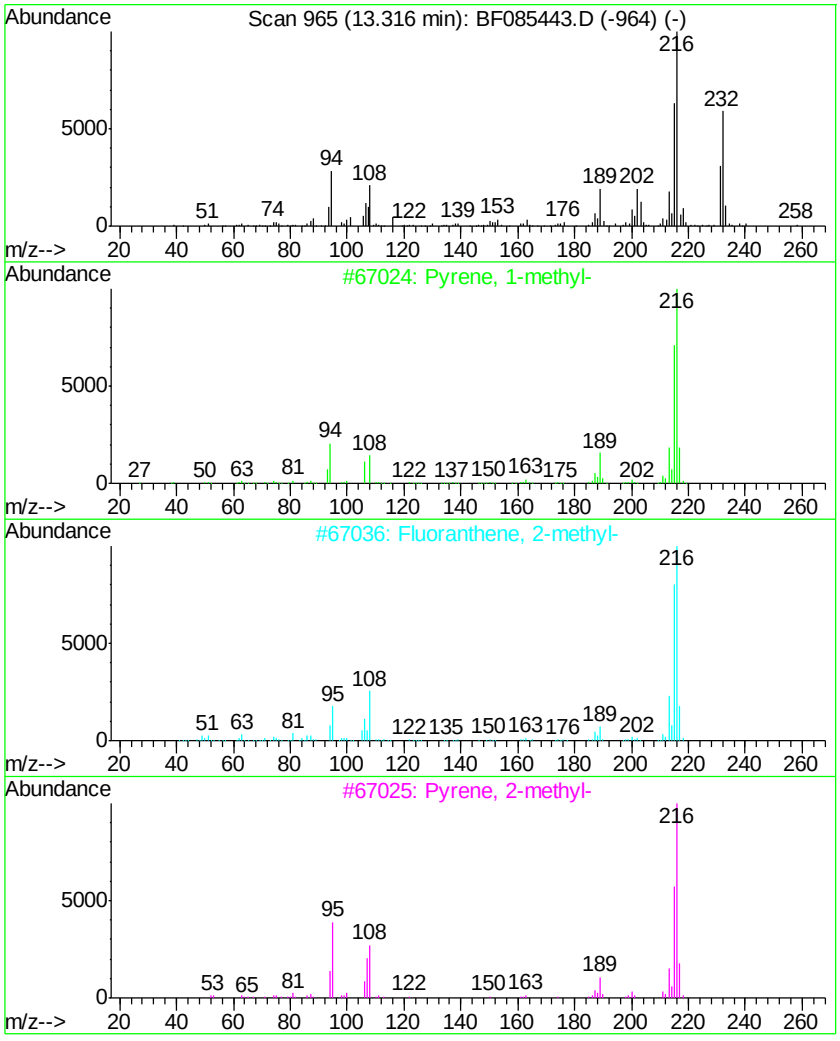
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

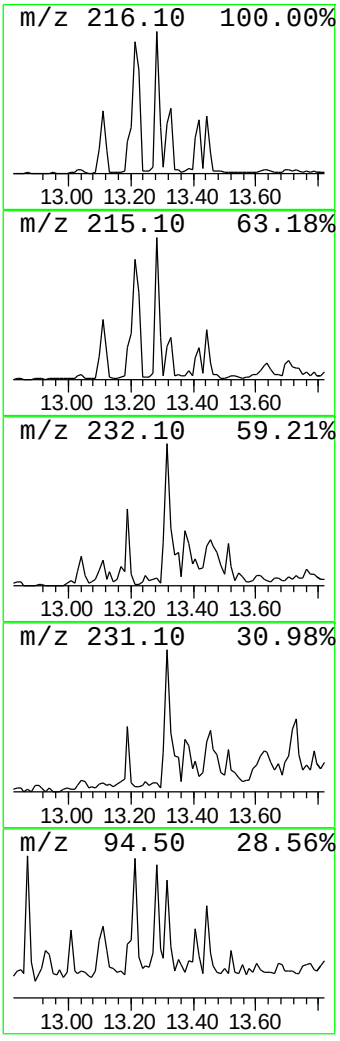
****

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	2.56 ng	308376	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	55
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	50
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	46
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	27





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Data File : BF085443.D
Acq On : 14 Mar 2016 21:53
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 25 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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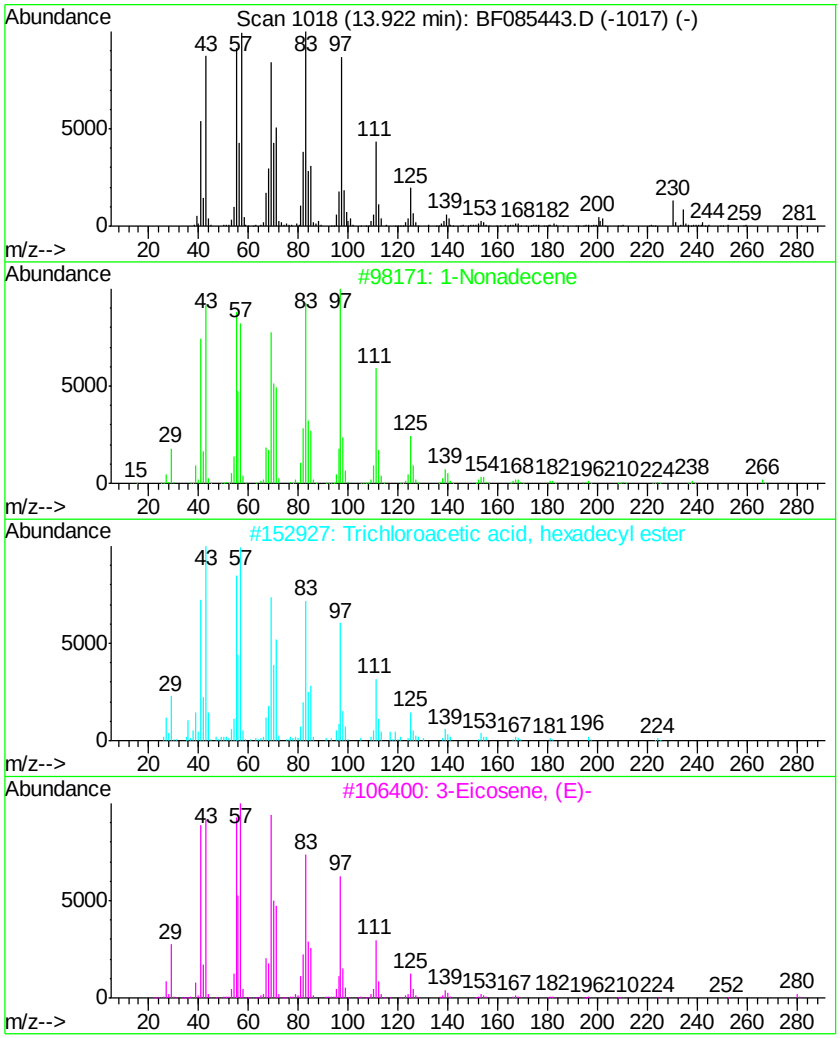
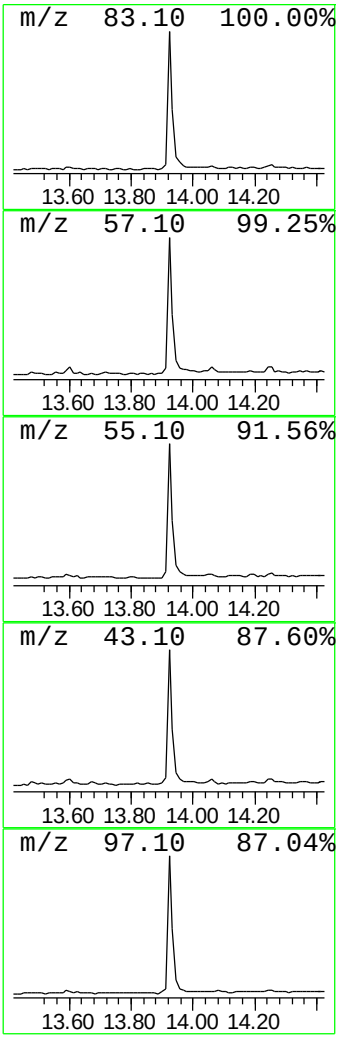
Peak Number 14 1-Nonadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	6.96 ng	838141	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	90
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
4	E-14-Hexadecenal	238	C16H30O	330207-53-9	89
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87





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Acq On : 14 Mar 2016 21:53
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 25 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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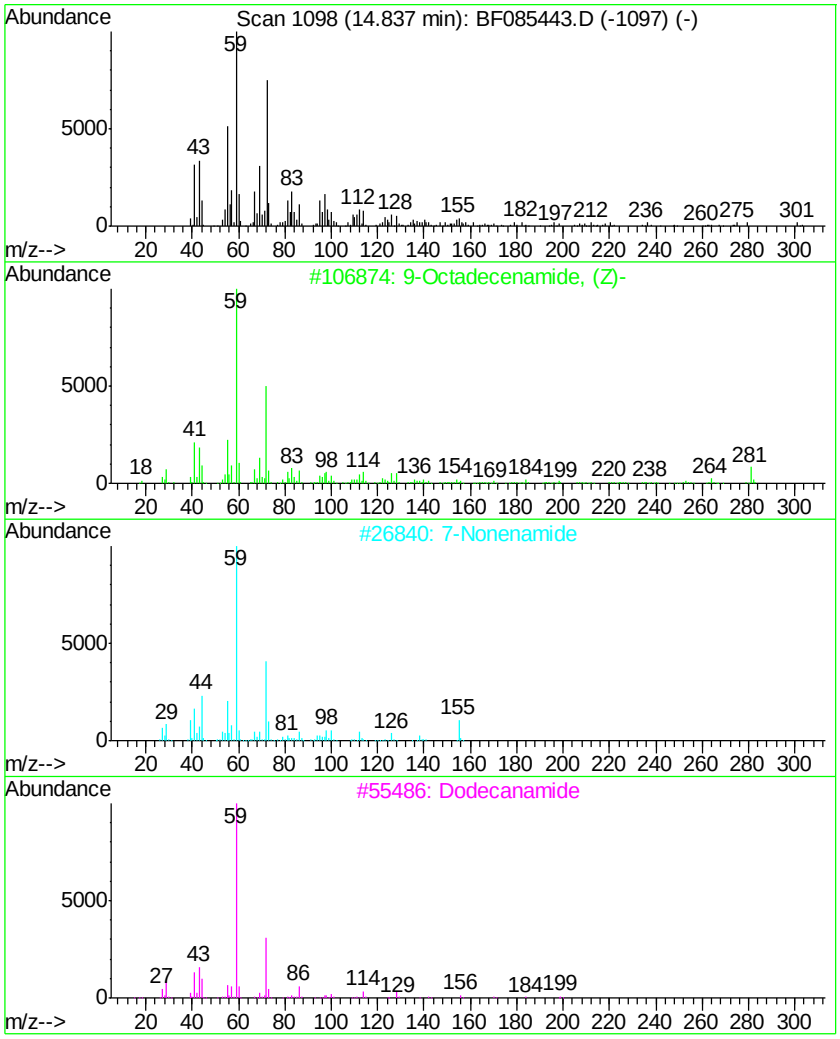
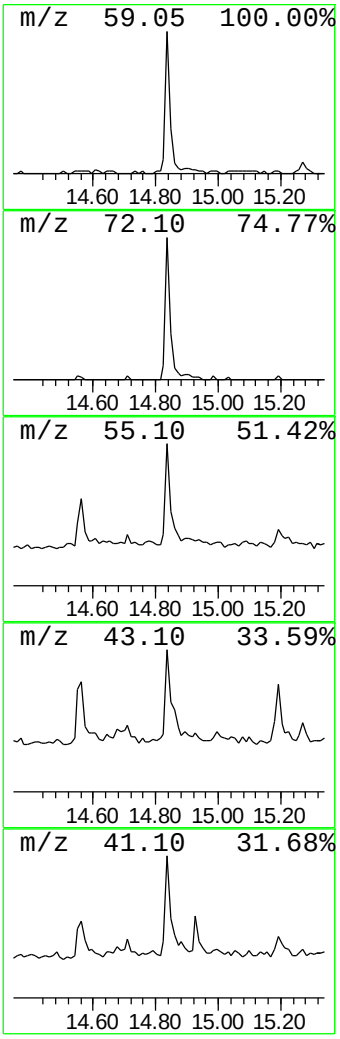
Peak Number 15 9-Octadecenamide, (Z)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	2.66 ng	155966	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86
2	7-Nonenamide	155	C9H17NO	090949-53-4	58
3	Dodecanamide	199	C12H25NO	001120-16-7	43
4	Nonanamide	157	C9H19NO	001120-07-6	43
5	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	43





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Acq On : 14 Mar 2016 21:53
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 25 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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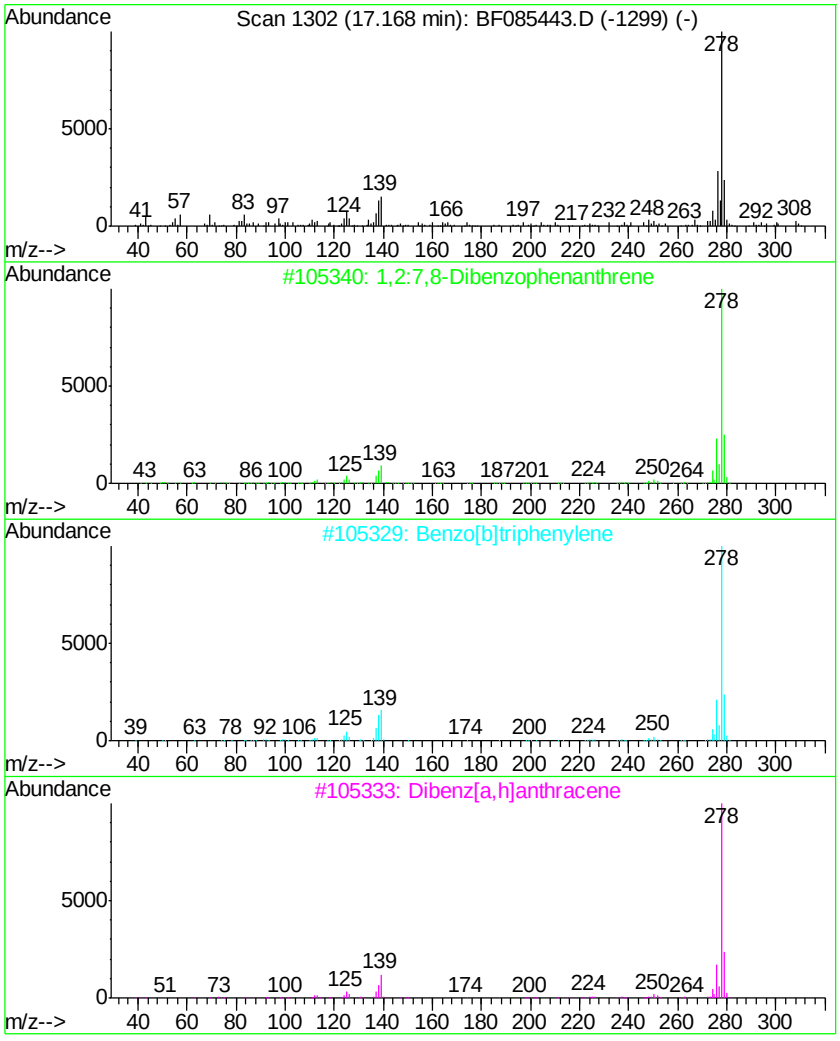
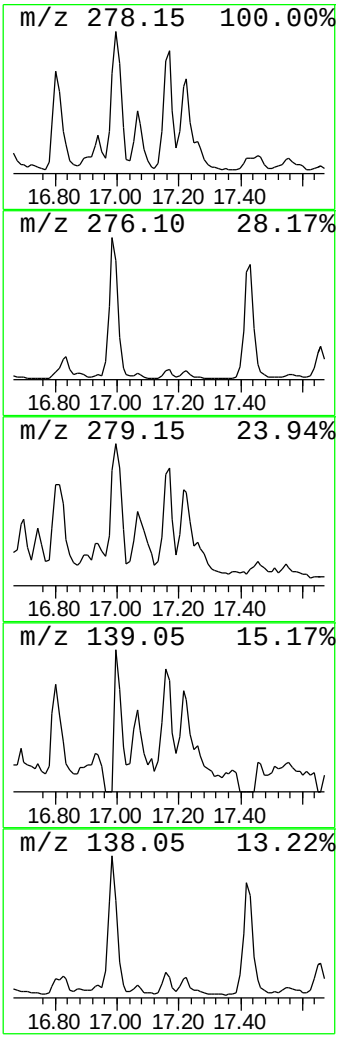
Peak Number 18 1,2:7,8-Dibenzophenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	2.68 ng	156924	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	97
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	96
4	Benzo[b]chrysene	278	C22H14	000214-17-5	95
5	Pentacene	278	C22H14	000135-48-8	93





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Data File : BF085443.D
Acq On : 14 Mar 2016 21:53
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 25 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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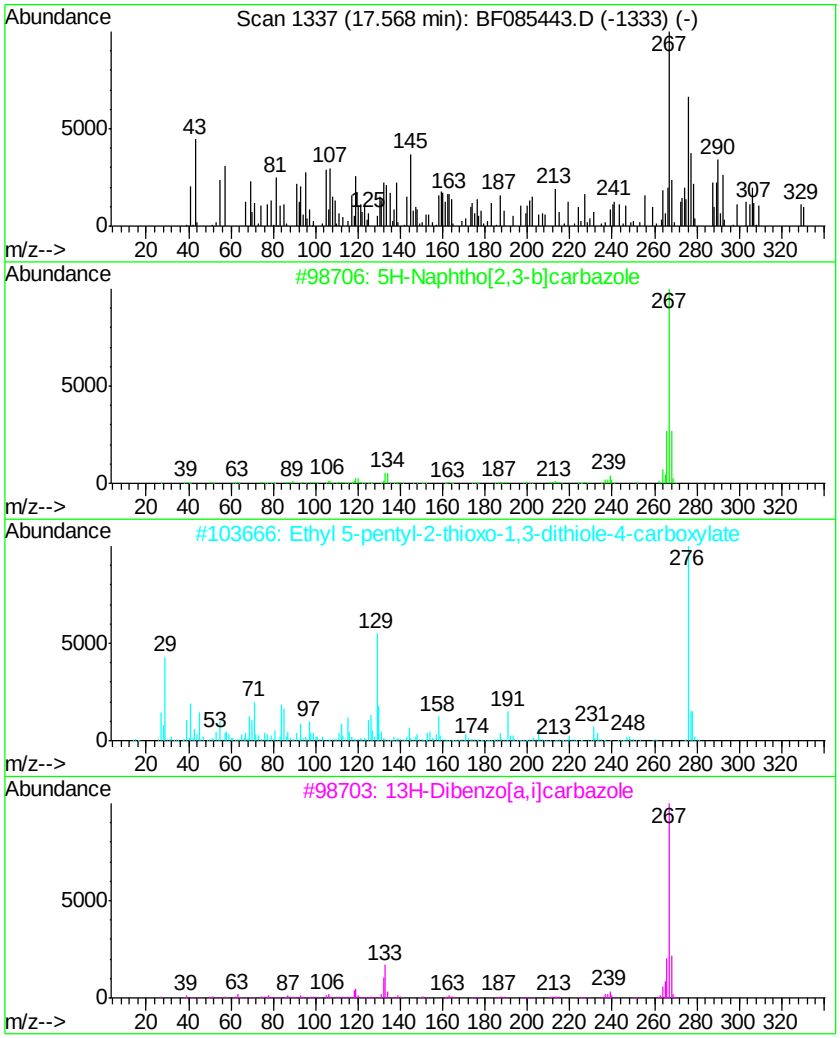
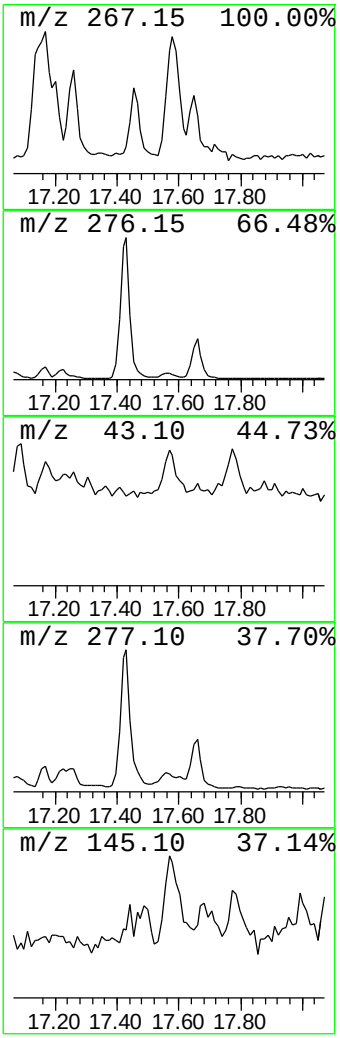
Peak Number 19 unknown17.57 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	2.99 ng	175146	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Naphtho[2,3-b]carbazole	267	C20H13N	000248-96-4	25
2	Ethyl 5-pentyl-2-thioxo-1,3-dith...	276	C11H16O2S3	120356-16-3	15
3	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	15
4	2-Chloro-7-methoxyphenazine 5,10...	276	C13H9ClN2O3	023677-04-5	11
5	5H-Naphtho[2,3-c]carbazole	267	C20H13N	000198-96-9	11





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Acq On : 14 Mar 2016 21:53
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 25 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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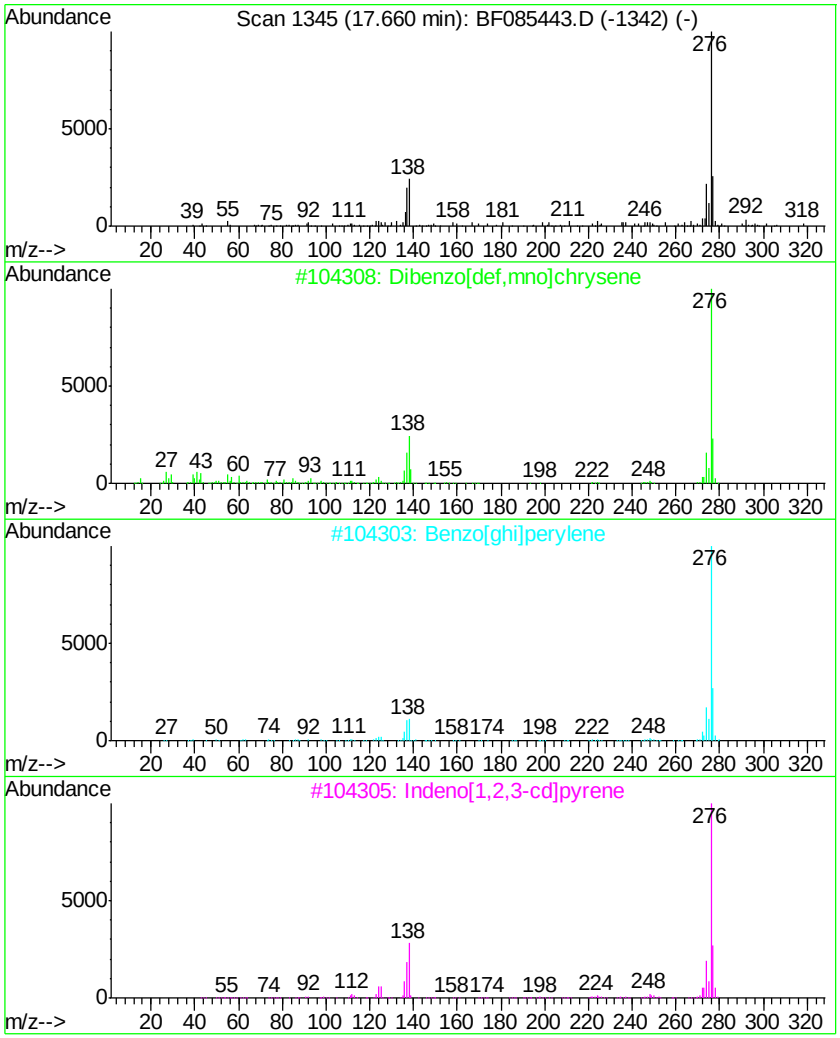
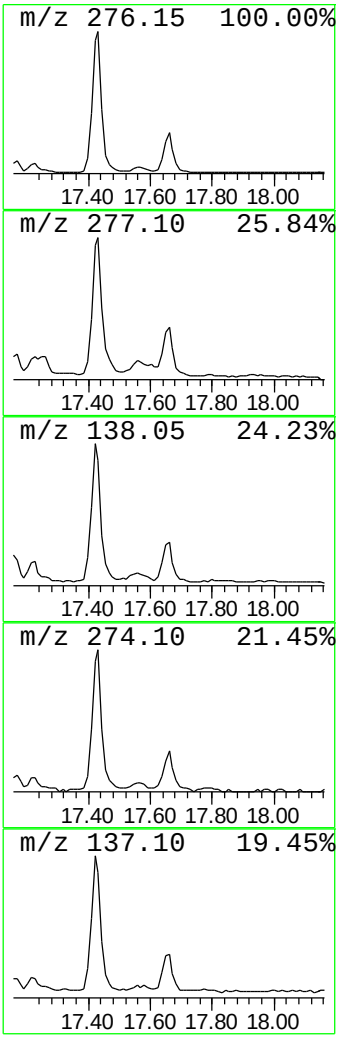
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	2.84 ng	166401	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	98
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	93
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	91
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	81
5	1H-Cyclopenta[4,5]pyrido[1,2-a]b...	276	C17H16N4	329707-31-5	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085443.D
Acq On : 14 Mar 2016 21:53
Operator : UM/SJ
Sample : H1722-10
Misc :
ALS Vial : 25 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...	5.13	5.8	ng	306428	1	6.93	1060750	20.0
unknown6.69	6.69	82.8	ng	4390350	1	6.93	1060750	20.0
Heptadecane	10.87	3.5	ng	329243	4	11.45	1891280	20.0
Anthracene, 1-met...	11.94	3.6	ng	337038	4	11.45	1891280	20.0
Phenanthrene, 2-m...	11.98	9.6	ng	908126	4	11.45	1891280	20.0
4H-Cyclopenta[def...	12.06	10.7	ng	1009000	4	11.45	1891280	20.0
9,10-Dimethylanth...	12.51	3.3	ng	312829	4	11.45	1891280	20.0
Octadecanoic acid	12.76	3.3	ng	313213	4	11.45	1891280	20.0
11H-Benzo[b]fluorene	13.21	4.5	ng	544595	5	14.09	2408510	20.0
Fluoranthene, 2-m...	13.28	2.9	ng	351136	5	14.09	2408510	20.0
Pyrene, 1-methyl-	13.32	2.6	ng	308376	5	14.09	2408510	20.0
1-Nonadecene	13.92	7.0	ng	838141	5	14.09	2408510	20.0
9-Octadecenamide,...	14.84	2.7	ng	155966	6	15.55	1172010	20.0
1,2:7,8-Dibenzoph...	17.17	2.7	ng	156924	6	15.55	1172010	20.0
unknown17.57	17.57	3.0	ng	175146	6	15.55	1172010	20.0
Dibenzo[def,mno]c...	17.66	2.8	ng	166401	6	15.55	1172010	20.0