LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092435.D
Acq On : 24 Jan 2017 18:10
Operator : UM/SJ
Sample : I1329-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL2-0-5FT-COMP

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-BF012417.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	4.819	237	239	248	rVB	27963	44262	1.13%	0.098%
2	5.161	266	269	271	rBV	1118182	1667477	42.50%	3.710%
3	5.561	301	304	307	rBV	3158462	3203299	81.65%	7.127%
4	6.590	390	394	396	rBV	2856925	3923118	100.00%	8.729%
5	6.727	403	406	409	rBV	2815271	3343536	85.23%	7.439%
6	6.967	424	427	429	rBV	1276873	1076892	27.45%	2.396%
7	7.127	438	441	443	rBV	2372432	2492098	63.52%	5.545%
8	7.527	473	476	478	rBV	1870966	2024864	51.61%	4.505%
9	8.259	537	540	544	rBV2	1547610	1937865	49.40%	4.312%
10	8.979	600	603	604	rBV	183329	184945	4.71%	0.411%
11	9.070	609	611	613	rVB	77507	98656	2.51%	0.220%
12	9.345	632	635	637	rBV	3113245	2918844	74.40%	6.494%
13	9.448	640	644	650	rVV3	57446	104024	2.65%	0.231%
14	9.676	662	664	666	rBV	41278	56282	1.43%	0.125%
15	9.745	668	670	672	rVB	417737	577444	14.72%	1.285%
16	9.882	680	682	685	rBV	98996	90850	2.32%	0.202%
17	9.962	685	689	692	rVV	36126	49985	1.27%	0.111%
18	10.031	692	695	696	rVV	1172353	1495369	38.12%	3.327%
19	10.053	696	697	699	rVB	224141	222029	5.66%	0.494%
20	10.225	710	712	714	rVB	181253	197982	5.05%	0.441%
21	10.431	728	730	732	rBV	33738	65652	1.67%	0.146%
22	10.465	732	733	735	rVB	55503	41259	1.05%	0.092%
23	10.579	741	743	745	rVB	189120	257042	6.55%	0.572%
24	10.682	749	752	755	rVV2	26295	51243	1.31%	0.114%
25	10.728	755	756	758	rVB	39575	48706	1.24%	0.108%
26	10.819	761	764	766	rBV	1364677	1774034	45.22%	3.947%
27	10.933	772	774	778	rVB	78734	120935	3.08%	0.269%
28	11.276	799	804	805	rBV3	27698	51540	1.31%	0.115%
29	11.322	805	808	810	rVB	32303	48142	1.23%	0.107%
30	11.391	810	814	815	rBV2	94157	132559	3.38%	0.295%
31	11.414	815	816	820	rVB2	124770	110980	2.83%	0.247%
32	11.516	823	825	826	rBV	1505132	1420501	36.21%	3.161%
33	11.585	829	831	833	rVV	203004	296208	7.55%	0.659%
34	11.745	842	845	846	rBV	232385	218159	5.56%	0.485%

LSC Area Percent Report

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Data File : BF092435.D
Acq On : 24 Jan 2017 18:10
Operator : UM/SJ
Sample : I1329-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL2-0-5FT-COMP

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-BF012417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.814	850	851	853	rBV	102465	96301	2.45%	0.214%
36	12.019	867	869	870	rBV	133871	114717	2.92%	0.255%
37	12.042	870	871	873	rVV	188999	203619	5.19%	0.453%
38	12.088	873	875	877	rVV	53342	76726	1.96%	0.171%
39	12.134	877	879	883	rVB2	209706	322203	8.21%	0.717%
40	12.225	883	887	888	rBV	75855	85404	2.18%	0.190%
41	12.316	892	895	899	rVB	140359	179885	4.59%	0.400%
42	12.465	905	908	909	rBV	54343	64150	1.64%	0.143%
43	12.499	909	911	914	rVB3	21500	50329	1.28%	0.112%
44	12.568	914	917	919	rBV	113917	131305	3.35%	0.292%
45	12.614	919	921	923	rVV2	63736	107164	2.73%	0.238%
46	12.648	923	924	929	rVB2	52072	68205	1.74%	0.152%
47	12.728	929	931	933	rBV	1540539	1446193	36.86%	3.218%
48	12.774	933	935	938	rVV3	45268	73324	1.87%	0.163%
49	12.819	938	939	941	rVV	68762	93249	2.38%	0.207%
50	12.877	943	944	947	rVB2	52319	66579	1.70%	0.148%
51	12.957	947	951	954	rBV	1389711	1496458	38.14%	3.330%
52	13.002	954	955	960	rVB2	42138	59115	1.51%	0.132%
53	13.071	960	961	962	rBV	52409	69586	1.77%	0.155%
54	13.105	962	964	966	rVV	2376894	2153553	54.89%	4.792%
55	13.174	966	970	974	rVB3	76450	140538	3.58%	0.313%
56	13.288	974	980	981	rBV2	125371	242375	6.18%	0.539%
57	13.357	983	986	987	rVB2	74292	97067	2.47%	0.216%
58	13.391	987	989	990	rBV	101993	109945	2.80%	0.245%
59	13.482	995	997	998	rVV	52054	45251	1.15%	0.101%
60	13.517	998	1000	1004	rVB3	44266	83626	2.13%	0.186%
61	13.688	1010	1015	1018	rBV4	45837	115303	2.94%	0.257%
62	13.791	1020	1024	1026	rBV2	62524	107874	2.75%	0.240%
63	13.905	1031	1034	1035	rBV2	70839	105149	2.68%	0.234%
64	13.928	1035	1036	1037	rVV	75926	80750	2.06%	0.180%
65	13.997	1040	1042	1046	rVB	125704	172431	4.40%	0.384%
66	14.157	1052	1056	1057	rBV2	1152931	1722987	43.92%	3.834%
67	14.260	1061	1065	1066	rBV	95683	105967	2.70%	0.236%
68	14.340	1069	1072	1073	rVB3	30877	50610	1.29%	0.113%
69	14.374	1073	1075	1077	rBV3	39235	50673	1.29%	0.113%
70	14.534	1087	1089	1091	rVB	52554	67204	1.71%	0.150%
71	14.568	1091	1092	1094	rVB	41627	45178	1.15%	0.101%

LSC Area Percent Report

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Acq On : 24 Jan 2017 18:10
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Sample : I1329-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL2-0-5FT-COMP

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-BF012417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.637	1094	1098	1099	rBV3	61311	114129	2.91%	0.254%
73	14.740	1104	1107	1110	rVB4	38832	78394	2.00%	0.174%
74	14.854	1114	1117	1121	rBV4	21637	60510	1.54%	0.135%
75	14.945	1121	1125	1129	rVB4	38597	95617	2.44%	0.213%
76	15.025	1129	1132	1137	rBV3	36259	88685	2.26%	0.197%
77	15.197	1144	1147	1152	rBV	330746	698266	17.80%	1.554%
78	15.300	1153	1156	1159	rVB3	84950	136735	3.49%	0.304%
79	15.414	1163	1166	1168	rBV2	23620	54219	1.38%	0.121%
80	15.505	1171	1174	1177	rVB	210562	277562	7.08%	0.618%
81	15.563	1177	1179	1182	rBV	299418	393338	10.03%	0.875%
82	15.631	1182	1185	1187	rBV	735274	948795	24.18%	2.111%
83	16.134	1226	1229	1233	rBV2	80021	147959	3.77%	0.329%
84	16.660	1271	1275	1279	rBV	74948	177650	4.53%	0.395%
85	16.934	1297	1299	1302	rVB3	20255	41793	1.07%	0.093%
86	17.106	1310	1314	1319	rBV2	130861	270869	6.90%	0.603%
87	17.266	1324	1328	1333	rBV3	54973	179129	4.57%	0.399%
88	17.551	1349	1353	1361	rVB	113961	273996	6.98%	0.610%
89	17.791	1371	1374	1381	rVB2	35795	104989	2.68%	0.234%
90	17.986	1388	1391	1395	rBV	35958	88950	2.27%	0.198%
91	18.843	1463	1466	1471	rVB4	19786	65354	1.67%	0.145%

Sum of corrected areas: 44944713

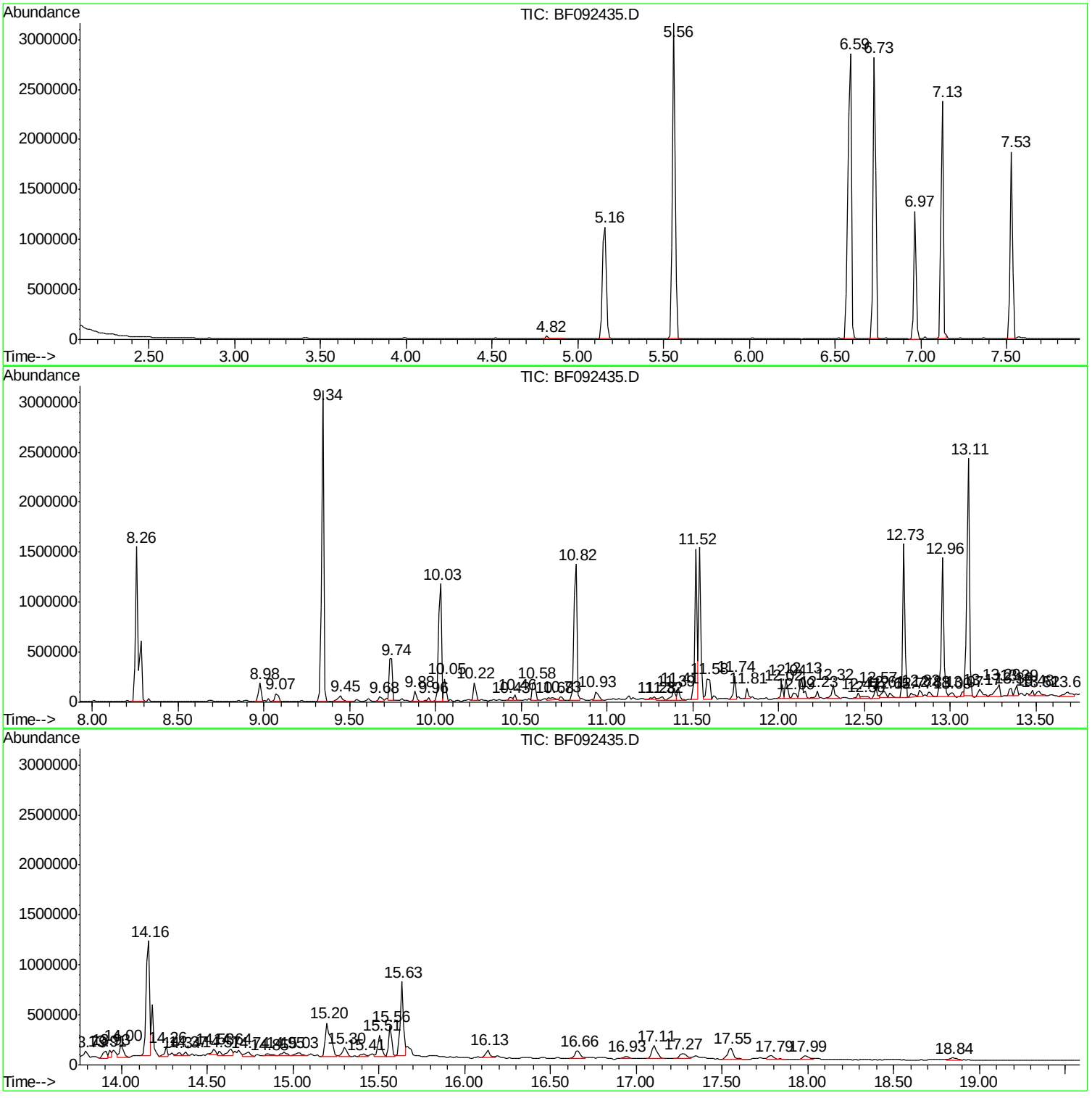
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092435.D
Acq On : 24 Jan 2017 18:10
Operator : UM/SJ
Sample : I1329-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BLACK-FILL2-0-5FT-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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\BF012417\
Data File : BF092435.D
Acq On : 24 Jan 2017 18:10
Operator : UM/SJ
Sample : I1329-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BLACK-FILL2-0-5FT-COMP

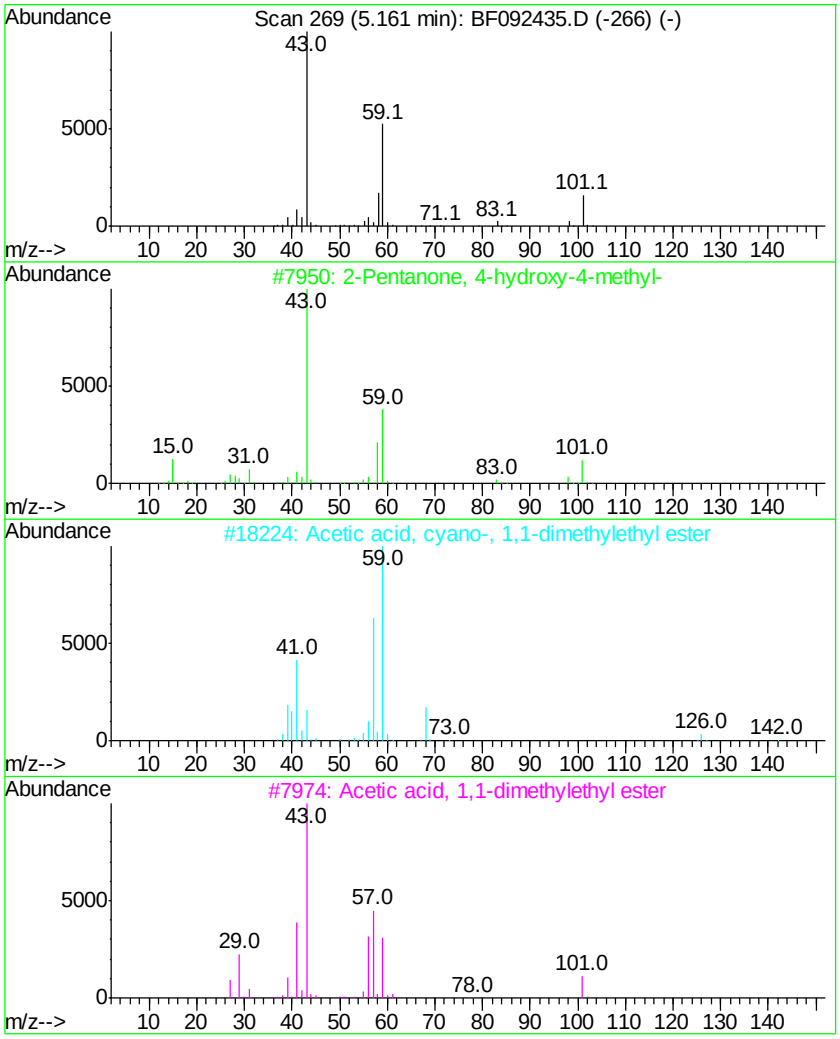
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

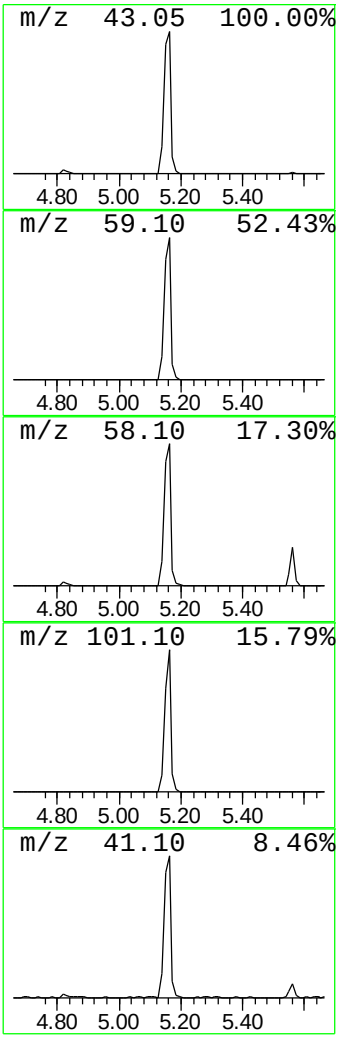
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	30.97 ng	1667480	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	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092435.D
Acq On : 24 Jan 2017 18:10
Operator : UM/SJ
Sample : I1329-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL2-0-5FT-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

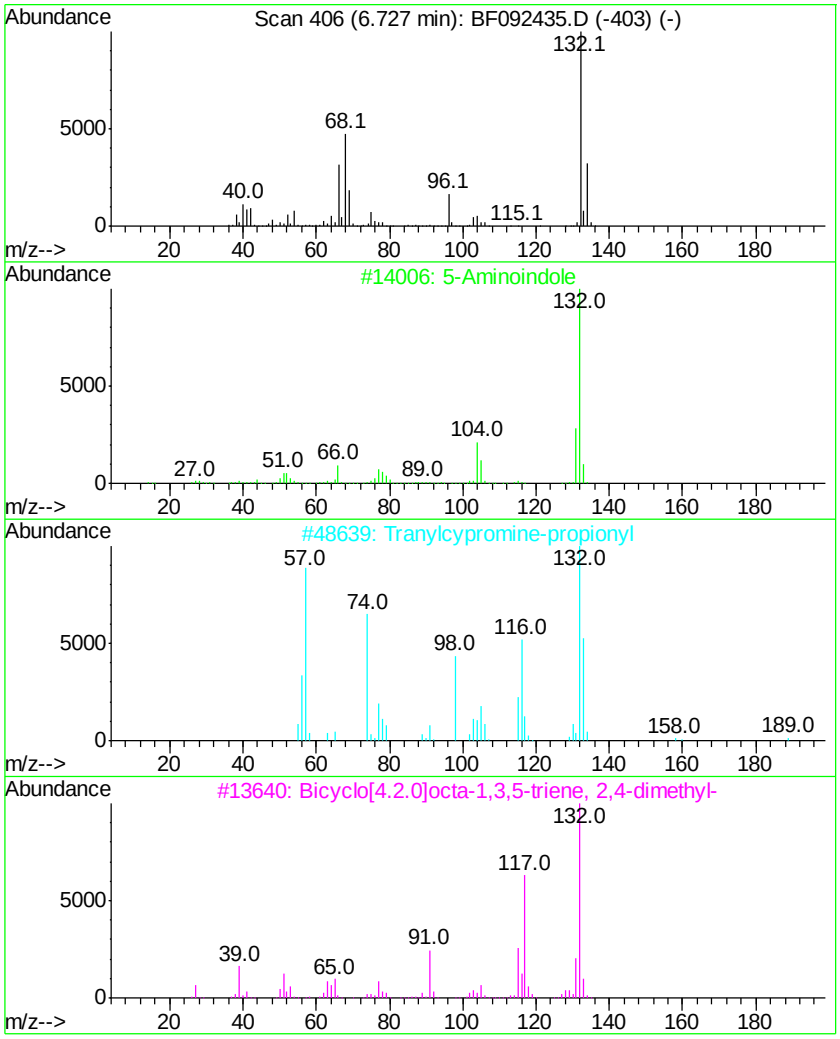
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

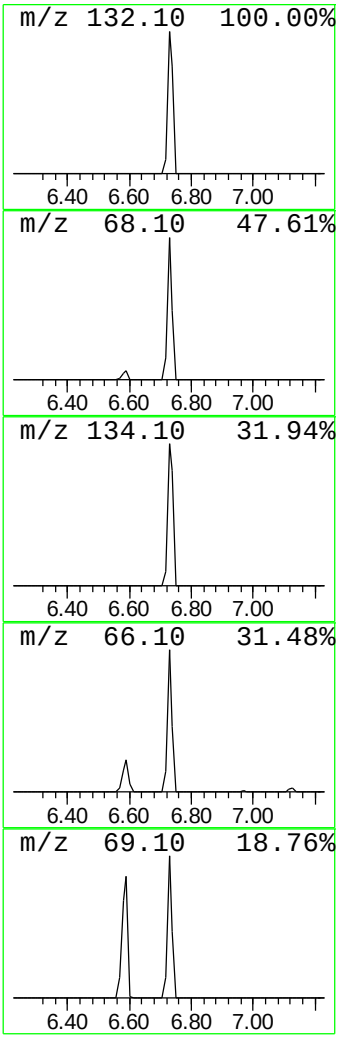
****

Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	62.10 ng	3343540	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092435.D
Acq On : 24 Jan 2017 18:10
Operator : UM/SJ
Sample : I1329-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BLACK-FILL2-0-5FT-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

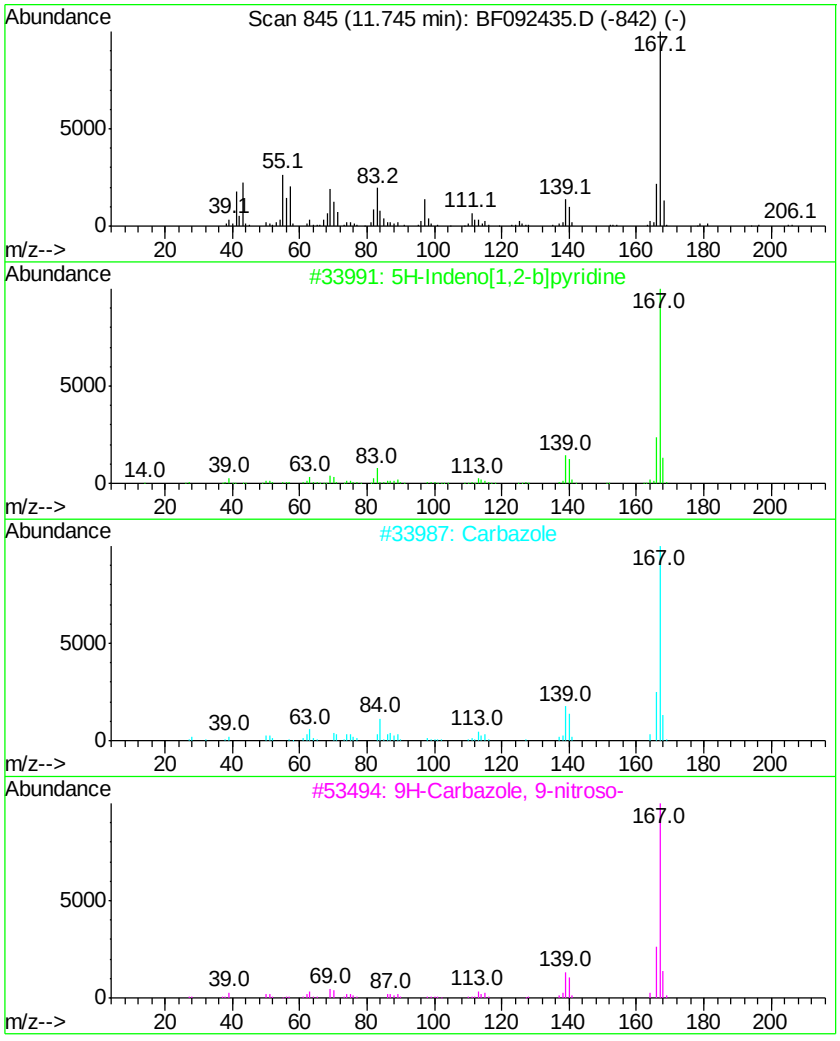
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

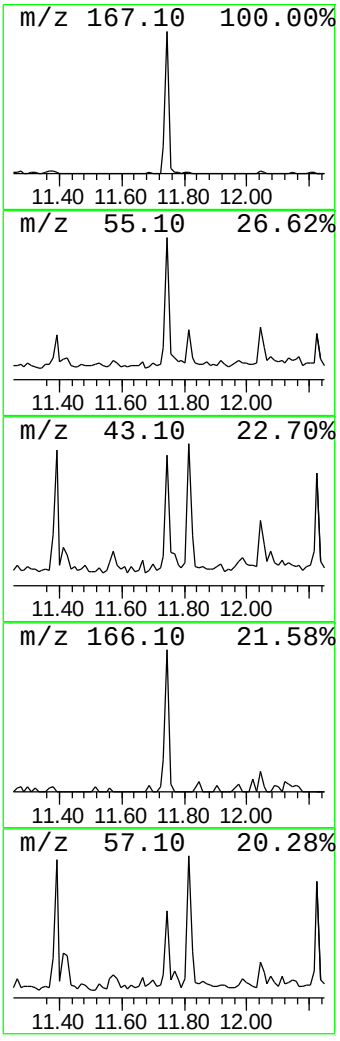
****

Peak Number 4 5H-Indeno[1,2-b]pyridine Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	3.07 ng	218159	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
2	Carbazole	167	C12H9N	000086-74-8	81
3	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	74
4	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	64
5	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	62





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092435.D
Acq On : 24 Jan 2017 18:10
Operator : UM/SJ
Sample : I1329-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL2-0-5FT-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

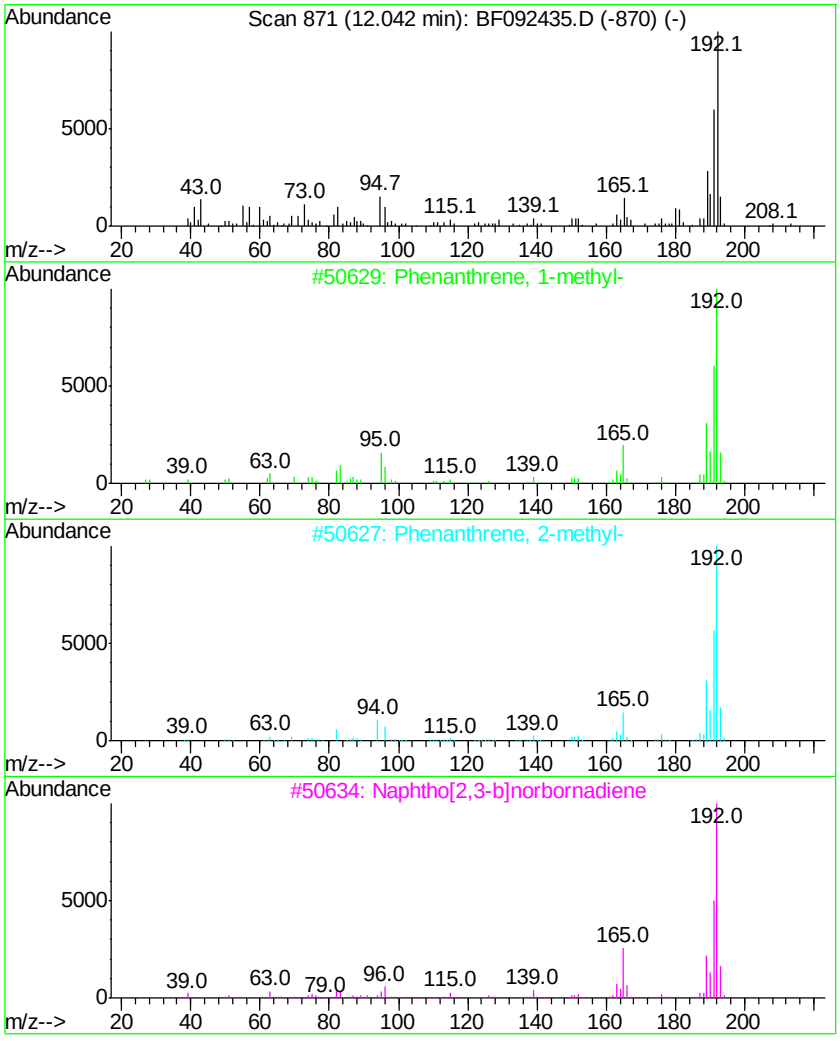
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

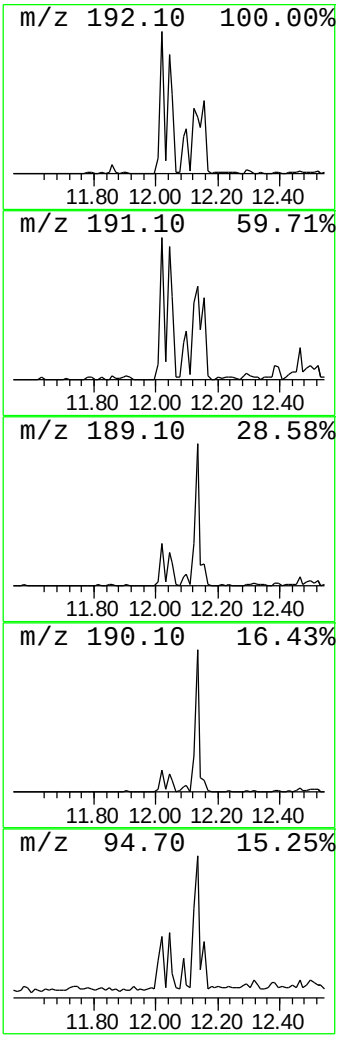
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	2.87 ng	203619	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	94
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092435.D
Acq On : 24 Jan 2017 18:10
Operator : UM/SJ
Sample : I1329-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL2-0-5FT-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

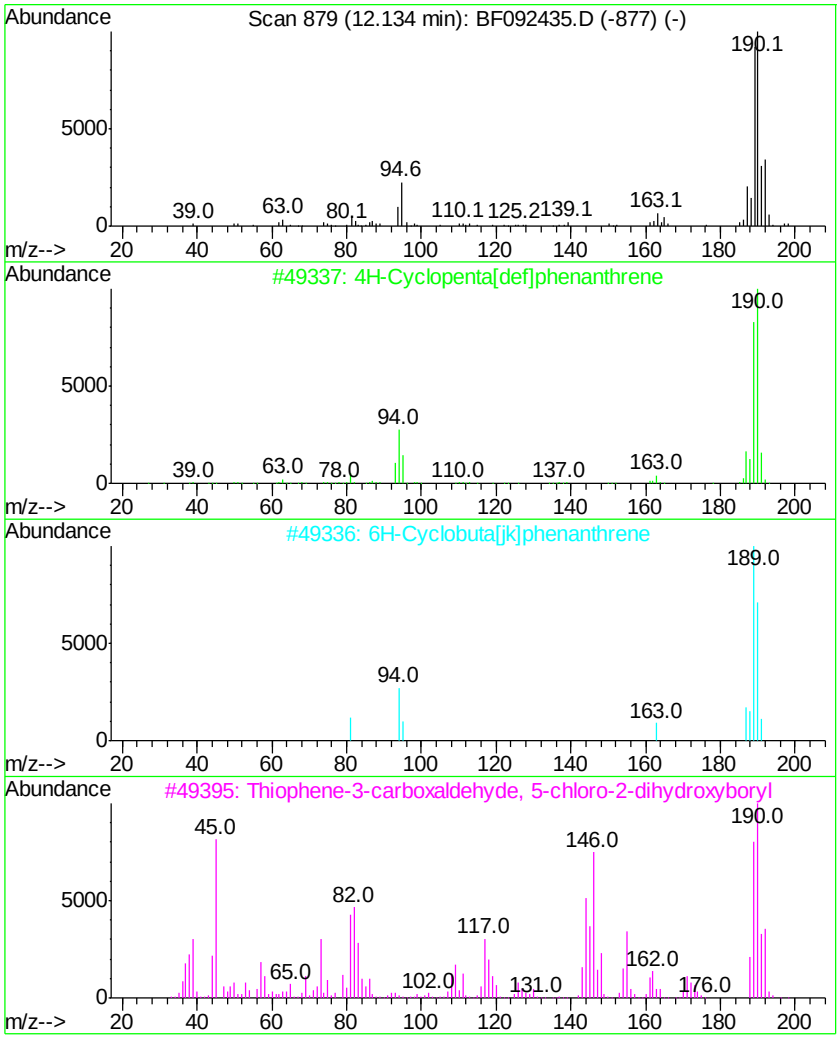
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

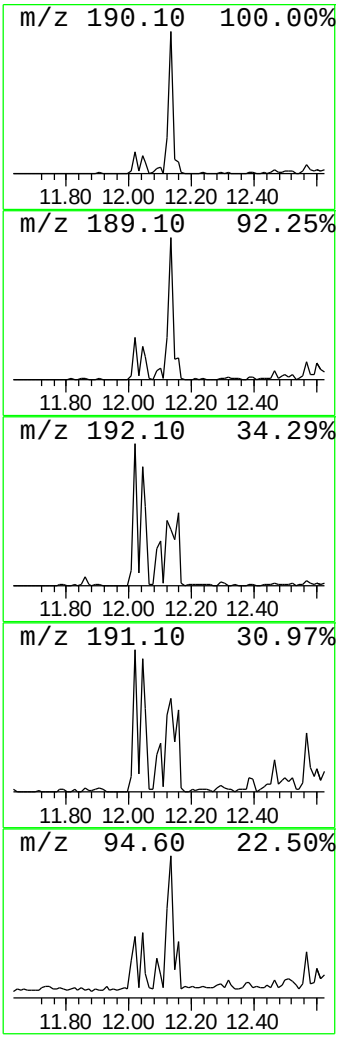
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	4.54 ng	322203	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092435.D
Acq On : 24 Jan 2017 18:10
Operator : UM/SJ
Sample : I1329-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL2-0-5FT-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

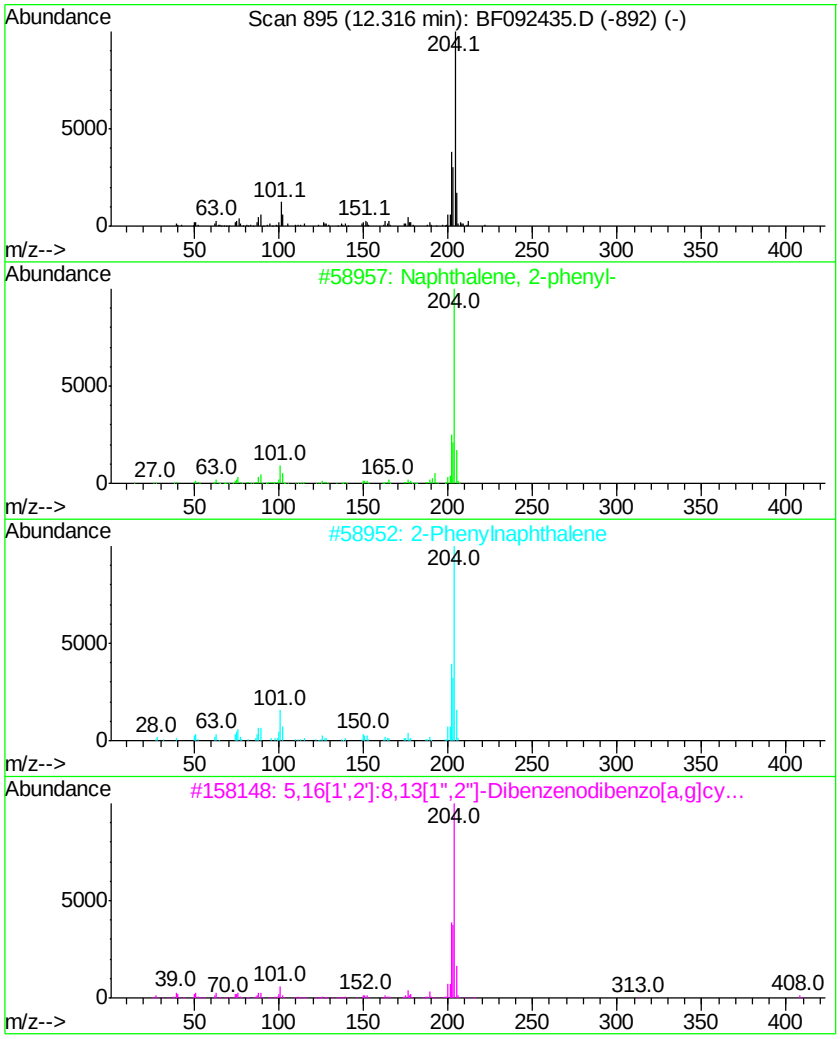
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

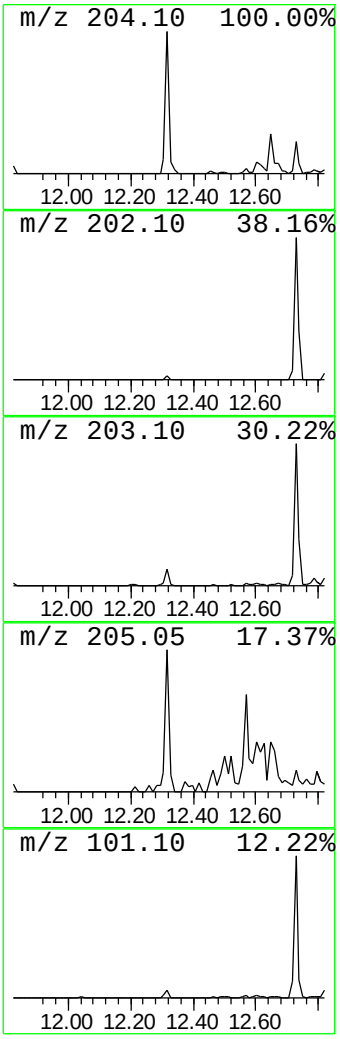
****

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	2.53 ng	179885	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	95
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	83
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092435.D
Acq On : 24 Jan 2017 18:10
Operator : UM/SJ
Sample : I1329-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL2-0-5FT-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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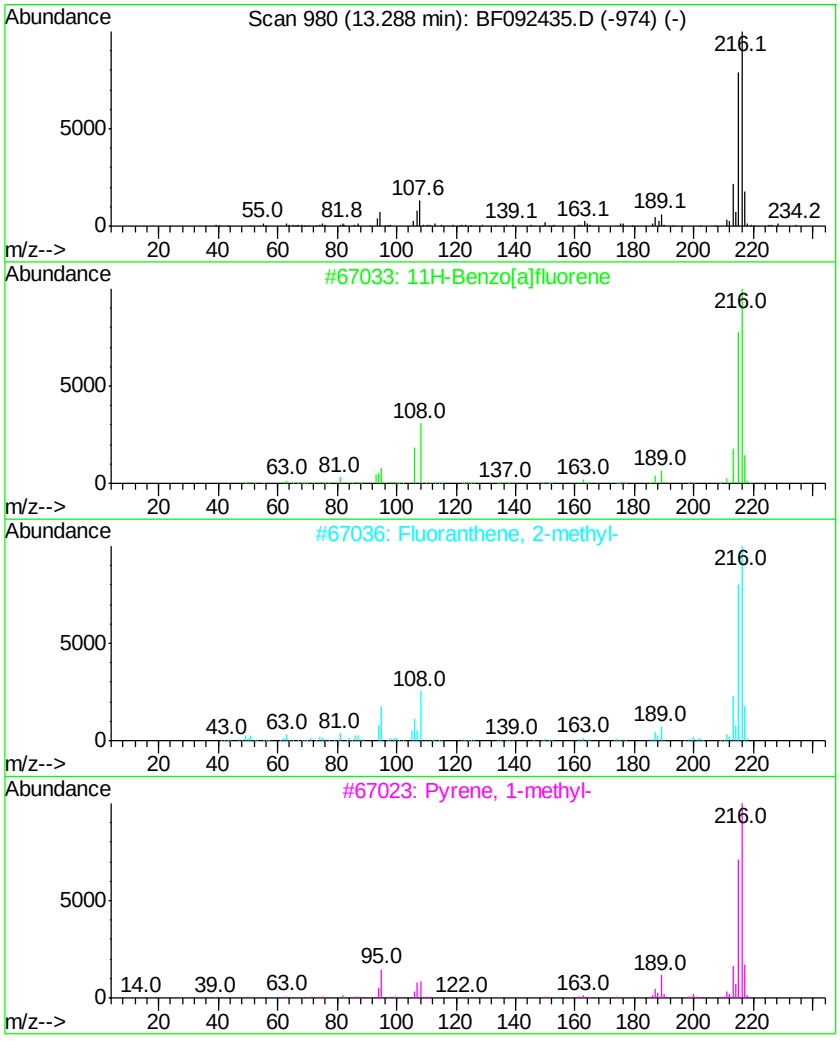
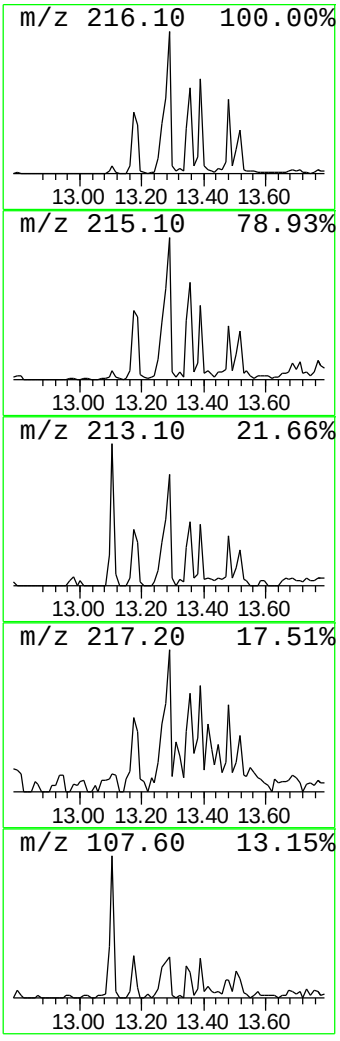
Peak Number 8 11H-Benzo[a]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	2.81 ng	242375	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





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Acq On : 24 Jan 2017 18:10
Operator : UM/SJ
Sample : I1329-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL2-0-5FT-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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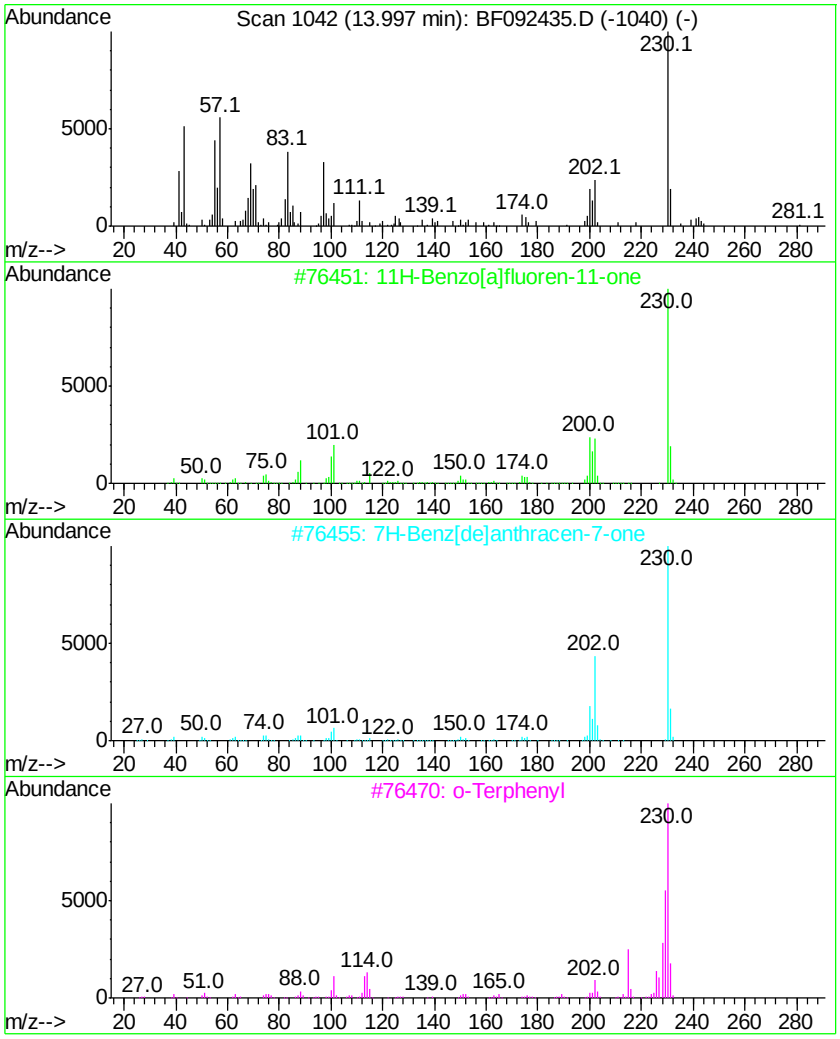
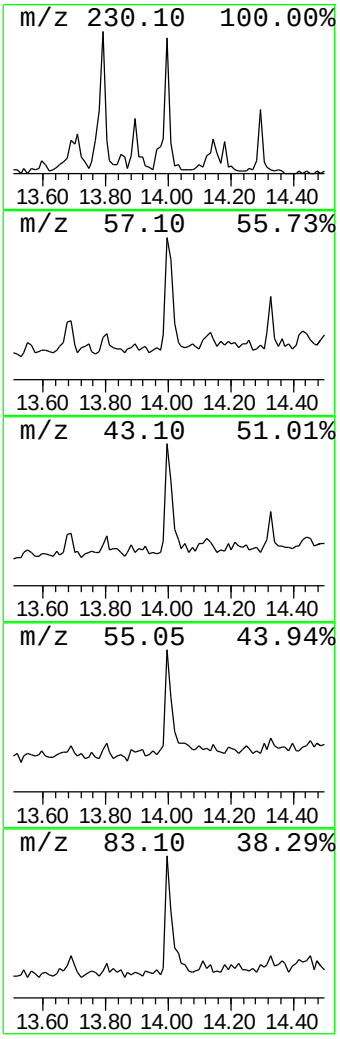
Peak Number 9 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	2.00 ng	172431	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	64
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	55
3	o-Terphenyl	230	C18H14	000084-15-1	38
4	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	38
5	5-Nitro-2,3-dimethyl-1,7-trimeth...	230	C13H14N2O2	003480-19-1	38





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Acq On : 24 Jan 2017 18:10
Operator : UM/SJ
Sample : I1329-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL2-0-5FT-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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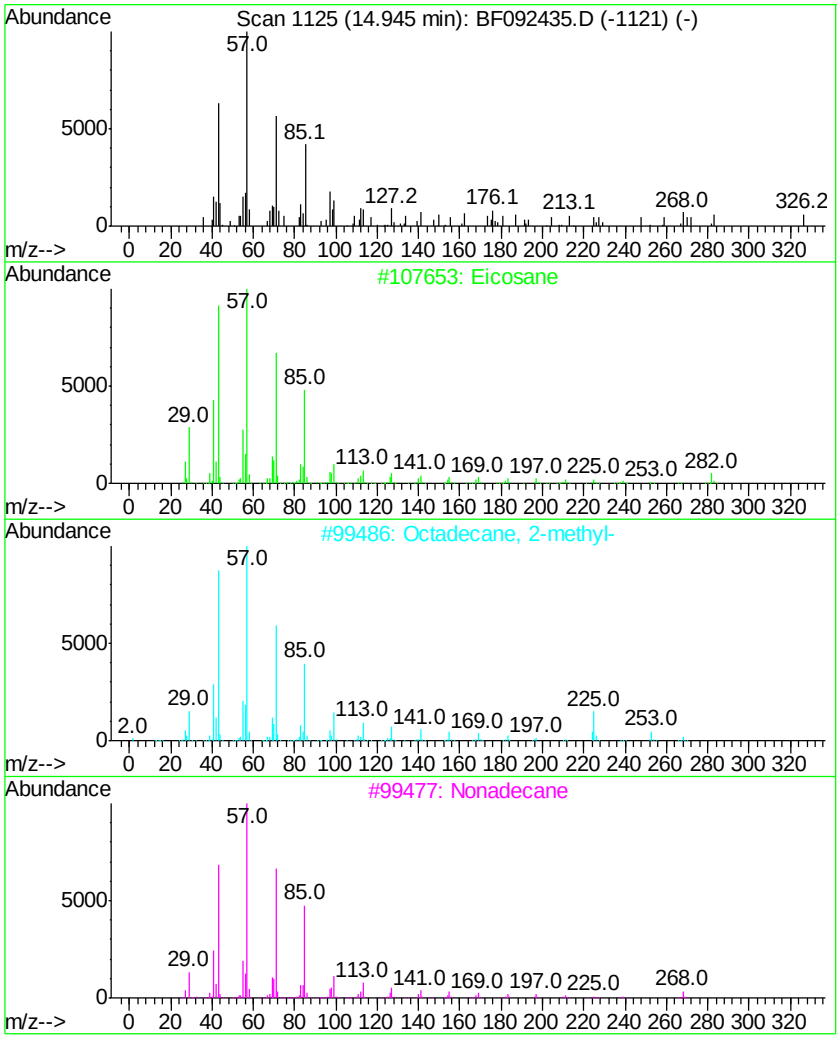
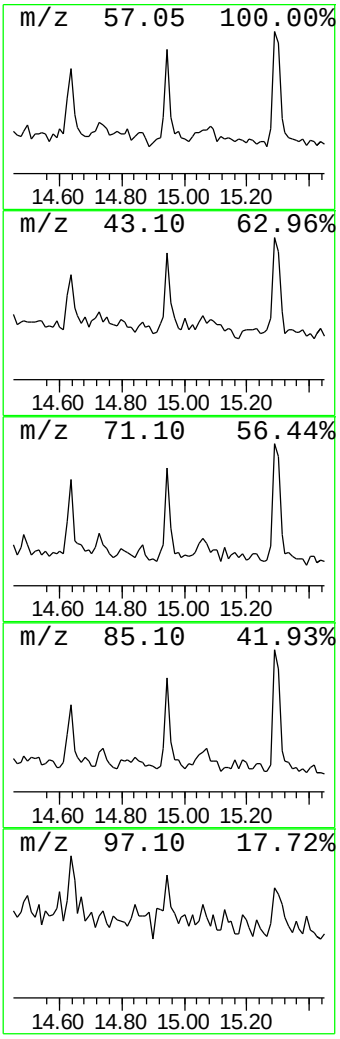
Peak Number 10 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	2.02 ng	95617	Perylene-d12	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	83
3	Nonadecane	268	C19H40	000629-92-5	83
4	Hexadecane	226	C16H34	000544-76-3	81
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	74





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Acq On : 24 Jan 2017 18:10
Operator : UM/SJ
Sample : I1329-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL2-0-5FT-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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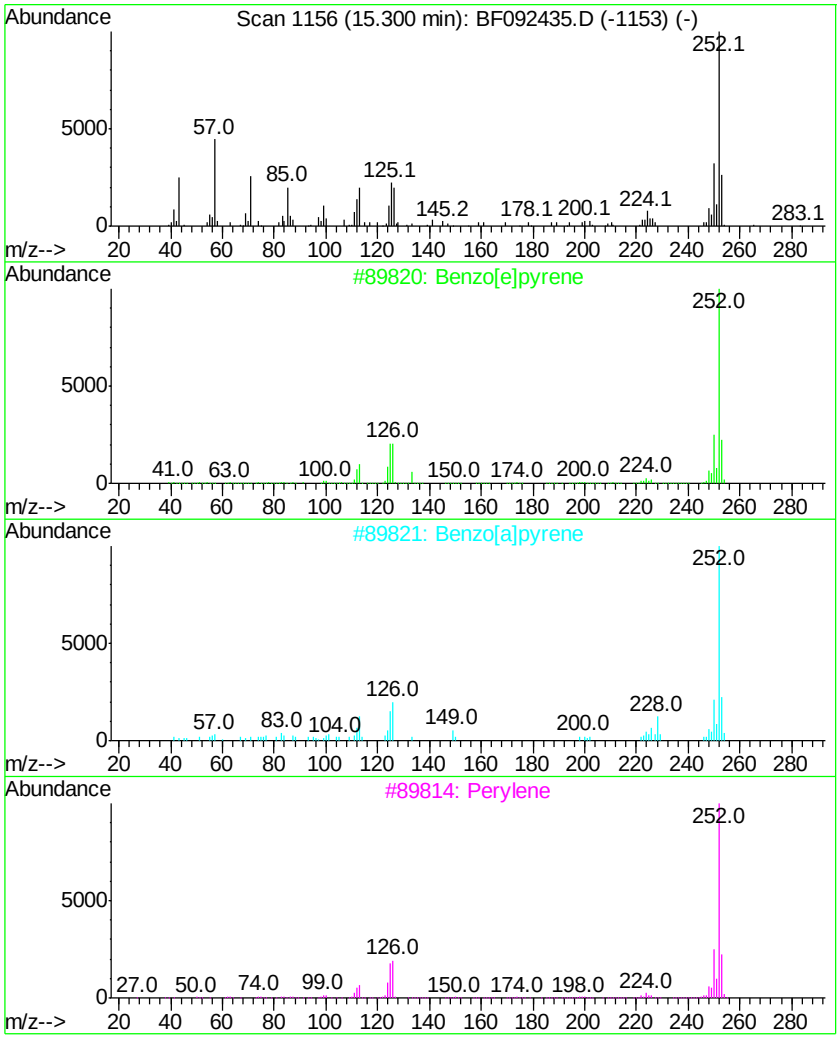
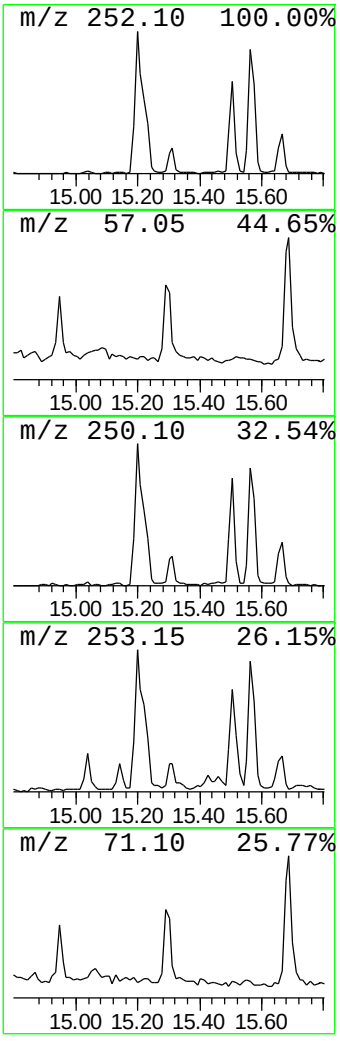
Peak Number 11 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	2.88 ng	136735	Perylene-d12	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2	Benzo[a]pyrene	252	C20H12	000050-32-8	86
3	Perylene	252	C20H12	000198-55-0	76
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	70
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	64





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Acq On : 24 Jan 2017 18:10
Operator : UM/SJ
Sample : I1329-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL2-0-5FT-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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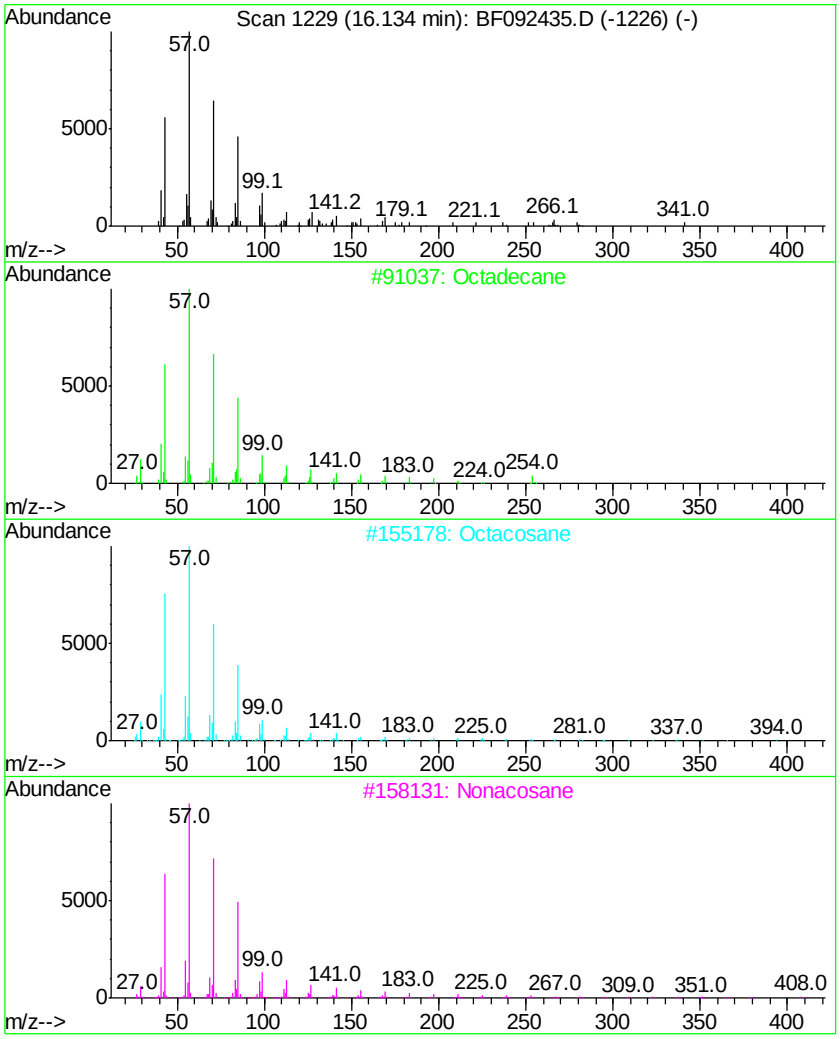
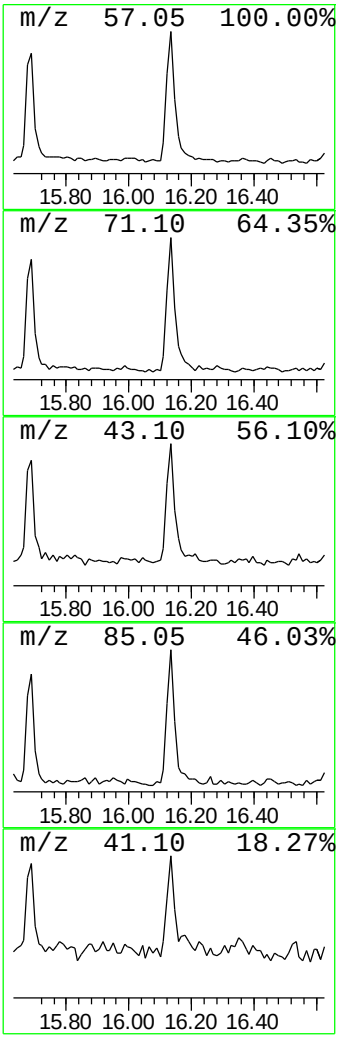
Peak Number 13 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	3.12 ng	147959	Perylene-d12	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Octacosane	394	C28H58	000630-02-4	83
3	Nonacosane	408	C29H60	000630-03-5	83
4	Heneicosane	296	C21H44	000629-94-7	81
5	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	80





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Acq On : 24 Jan 2017 18:10
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Sample : I1329-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL2-0-5FT-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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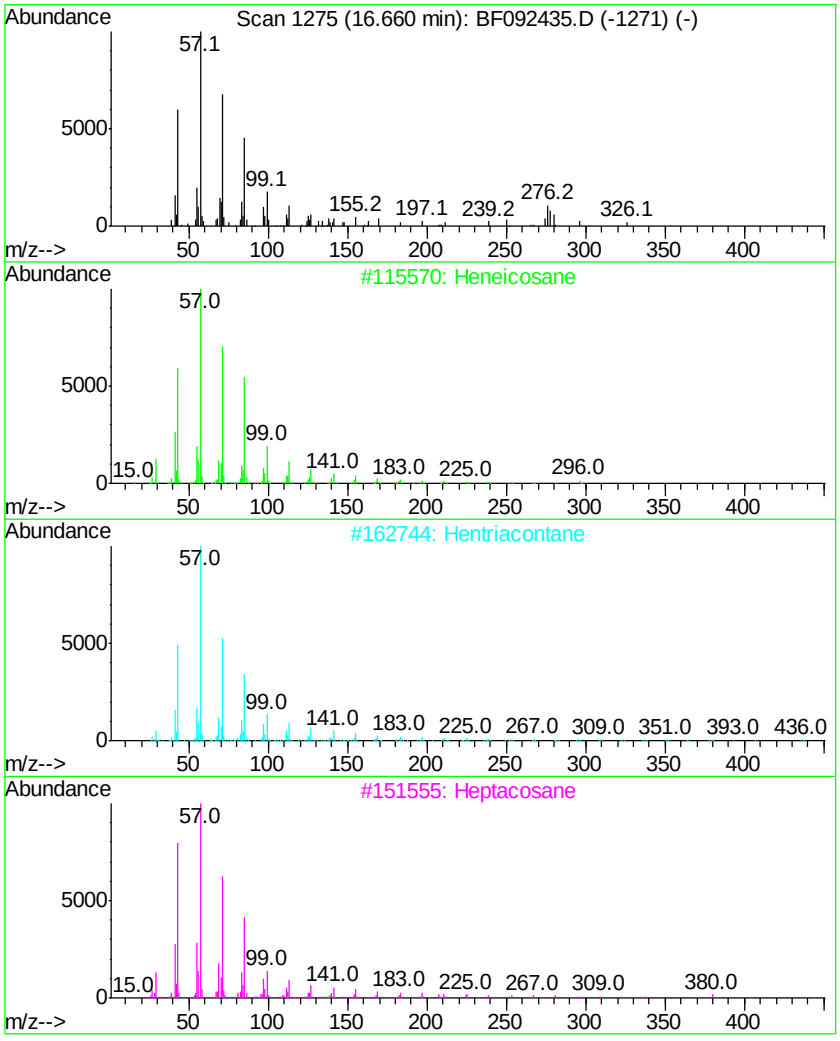
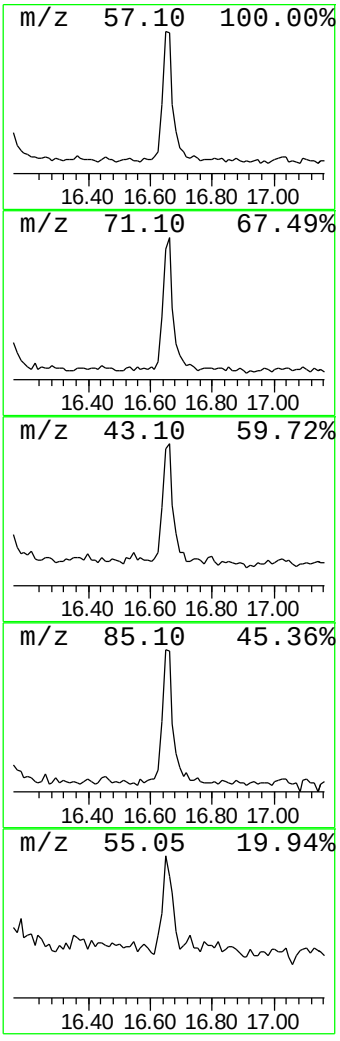
Peak Number 14 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	3.74 ng	177650	Perylene-d12	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Hentriacontane	437	C31H64	000630-04-6	76
3	Heptacosane	380	C27H56	000593-49-7	76
4	Octacosane	394	C28H58	000630-02-4	76
5	Triacontane	422	C30H62	000638-68-6	68





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Data File : BF092435.D
Acq On : 24 Jan 2017 18:10
Operator : UM/SJ
Sample : I1329-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL2-0-5FT-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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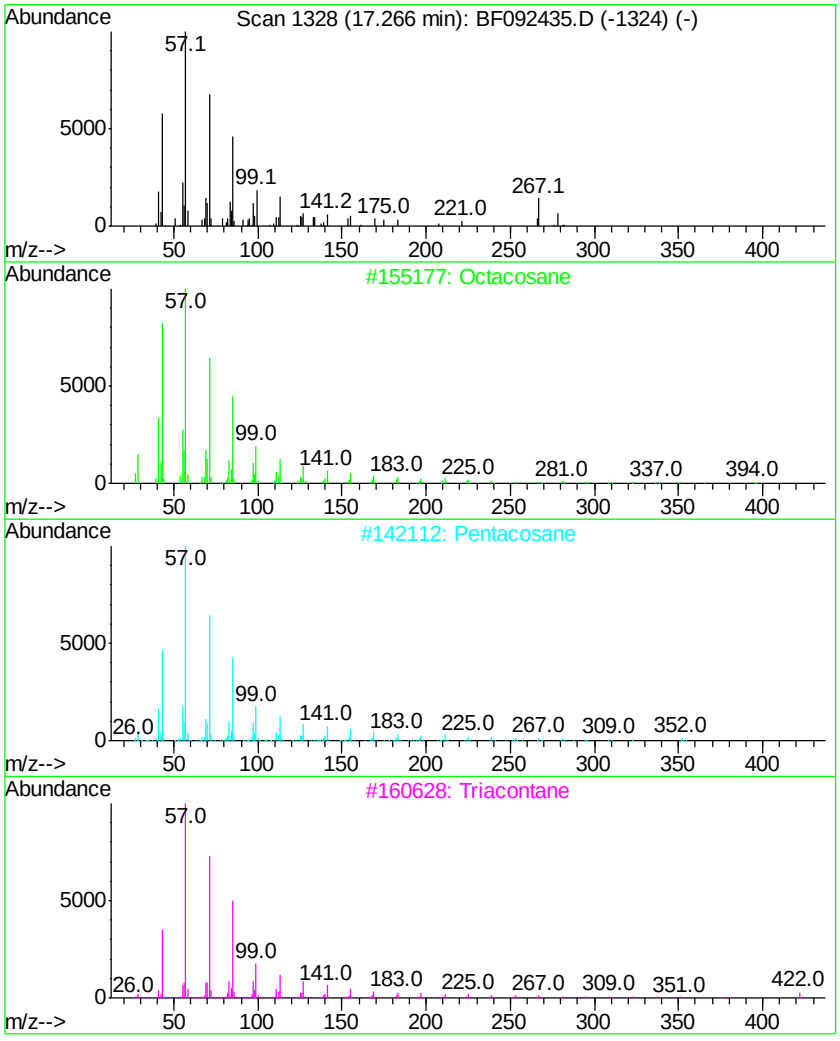
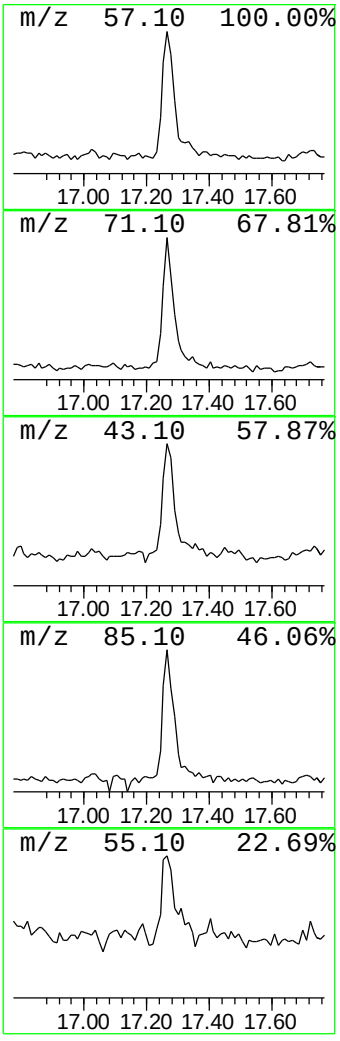
Peak Number 15 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	3.78 ng	179129	Perylene-d12	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Pentacosane	352	C25H52	000629-99-2	87
3	Triacontane	422	C30H62	000638-68-6	83
4	Eicosane	282	C20H42	000112-95-8	83
5	Heneicosane	296	C21H44	000629-94-7	81





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Sample : I1329-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL2-0-5FT-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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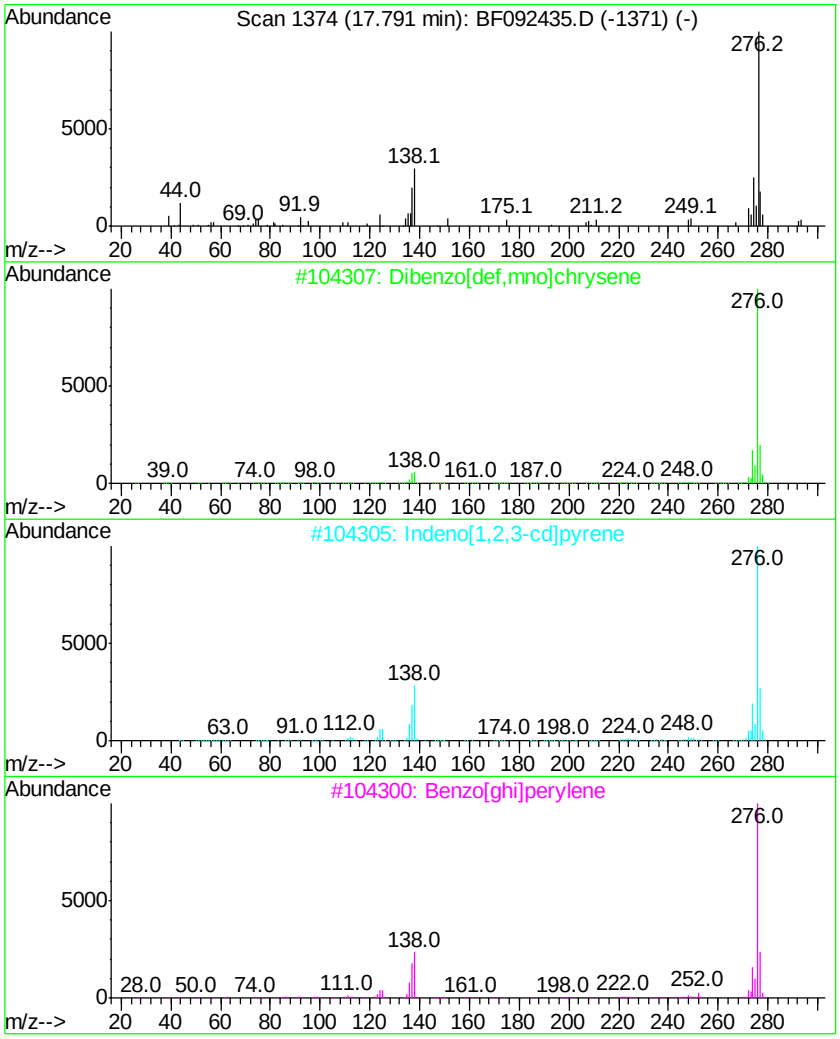
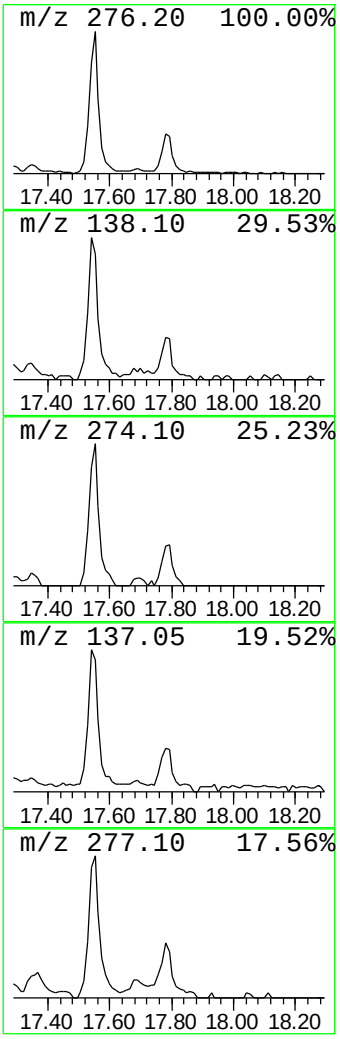
Peak Number 16 Dibenzo[def,mno]chrysene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	2.21 ng	104989	Perylene-d12	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	87
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	87
3	Benzo[ghi]perylene	276	C22H12	000191-24-2	64
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	64
5	2-Amino-3-cyano-4,5-diphenylthio...	276	C17H12N2S	042160-34-9	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
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Acq On : 24 Jan 2017 18:10
Operator : UM/SJ
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Misc :
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Instrument : BNA_F
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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	31.0	ng	1667480	1	6.97	1076890	20.0
unknown6.73	6.73	62.1	ng	3343540	1	6.97	1076890	20.0
5H-Indeno[1,2-b]p...	11.75	3.1	ng	218159	4	11.52	1420500	20.0
Phenanthrene, 1-m...	12.04	2.9	ng	203619	4	11.52	1420500	20.0
4H-Cyclopenta[def...	12.13	4.5	ng	322203	4	11.52	1420500	20.0
Naphthalene, 2-ph...	12.32	2.5	ng	179885	4	11.52	1420500	20.0
11H-Benzo[a]fluorene	13.29	2.8	ng	242375	5	14.16	1722990	20.0
11H-Benzo[a]fluor...	14.00	2.0	ng	172431	5	14.16	1722990	20.0
Eicosane	14.95	2.0	ng	95617	6	15.63	948795	20.0
Benzo[e]pyrene	15.30	2.9	ng	136735	6	15.63	948795	20.0
Octadecane	16.13	3.1	ng	147959	6	15.63	948795	20.0
Heneicosane	16.66	3.7	ng	177650	6	15.63	948795	20.0
Octacosane	17.27	3.8	ng	179129	6	15.63	948795	20.0
Dibenzo[def,mno]c...	17.79	2.2	ng	104989	6	15.63	948795	20.0