LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087988.D
Acq On : 13 Jun 2016 17:39
Operator : UM/SJ
Sample : H3395-28
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-990-PLATFORM(0-4)

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-BF060716.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	1.736	10	13	21	rVV	169130	347058	9.82%	0.580%
2	1.861	21	24	35	rVB	1292431	2368229	67.02%	3.960%
3	4.959	293	295	305	rVB	132812	206024	5.83%	0.344%
4	5.393	330	333	335	rBV	1929532	2383136	67.44%	3.985%
5	6.433	421	424	427	rBV	1969918	2145139	60.71%	3.587%
6	6.559	432	435	438	rBV	2155546	2203971	62.37%	3.685%
7	6.787	453	455	458	rBV	619695	639921	18.11%	1.070%
8	6.947	466	469	472	rVB	2022764	1833695	51.89%	3.066%
9	7.359	502	505	507	rBV	1480545	1468456	41.56%	2.455%
10	8.079	566	568	572	rBV2	1052104	1063740	30.10%	1.779%
11	8.799	628	631	633	rVB	69866	89891	2.54%	0.150%
12	8.891	637	639	641	rVB	104547	86248	2.44%	0.144%
13	9.165	660	663	665	rBV	2802164	2753426	77.92%	4.604%
14	9.496	689	692	693	rVV	89955	85082	2.41%	0.142%
15	9.553	695	697	699	rVV	318268	287286	8.13%	0.480%
16	9.691	707	709	712	rVB	243468	238688	6.75%	0.399%
17	9.839	719	722	723	rBV	837871	962079	27.23%	1.609%
18	9.862	723	724	726	rVB	253500	255007	7.22%	0.426%
19	10.034	738	739	741	rVV	156275	154198	4.36%	0.258%
20	10.239	753	757	759	rBV2	41824	71329	2.02%	0.119%
21	10.376	767	769	772	rVB	298632	269403	7.62%	0.450%
22	10.445	772	775	778	rBV2	57796	118508	3.35%	0.198%
23	10.536	782	783	788	rVB	87081	75275	2.13%	0.126%
24	10.616	788	790	793	rBV2	1043055	1470566	41.62%	2.459%
25	10.742	799	801	805	rVB	123126	162804	4.61%	0.272%
26	10.925	814	817	819	rBV3	82644	156543	4.43%	0.262%
27	11.074	826	830	833	rBV4	64837	159861	4.52%	0.267%
28	11.119	833	834	836	rVB	196861	160278	4.54%	0.268%
29	11.165	836	838	840	rBV2	67269	124427	3.52%	0.208%
30	11.211	840	842	845	rVB	205947	237061	6.71%	0.396%
31	11.348	849	854	855	rBV2	2427719	3440246	97.36%	5.752%
32	11.394	855	858	859	rVV	799051	724004	20.49%	1.211%
33	11.542	868	871	876	rBV2	210837	370349	10.48%	0.619%
34	11.611	876	877	879	rVB2	107710	123903	3.51%	0.207%

LSC Area Percent Report

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Acq On : 13 Jun 2016 17:39
Operator : UM/SJ
Sample : H3395-28
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-990-PLATFORM(0-4)

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.645	879	880	882	rVB2	105526	81382	2.30%	0.136%
36	11.817	892	895	896	rBV	468377	418110	11.83%	0.699%
37	11.851	896	898	900	rVB	412814	547713	15.50%	0.916%
38	11.897	900	902	903	rVB	139339	180992	5.12%	0.303%
39	11.931	903	905	909	rVB2	658600	974645	27.58%	1.630%
40	12.022	912	913	917	rVB2	67397	82940	2.35%	0.139%
41	12.114	919	921	925	rVB2	357155	513213	14.52%	0.858%
42	12.262	931	934	935	rBV	127877	151487	4.29%	0.253%
43	12.297	935	937	938	rBV	50149	75441	2.14%	0.126%
44	12.365	940	943	945	rBV	253473	346959	9.82%	0.580%
45	12.399	945	946	949	rVB3	124413	206506	5.84%	0.345%
46	12.457	949	951	955	rVB2	165829	262932	7.44%	0.440%
47	12.537	955	958	960	rBV	2618335	3121254	88.33%	5.219%
48	12.582	960	962	964	rBV2	69771	127358	3.60%	0.213%
49	12.617	964	965	967	rVB	120422	102379	2.90%	0.171%
50	12.674	967	970	974	rVB3	131763	216313	6.12%	0.362%
51	12.765	974	978	980	rBV	2334863	3533534	100.00%	5.908%
52	12.799	980	981	984	rVB2	148009	190783	5.40%	0.319%
53	12.868	985	987	988	rBV	129500	153706	4.35%	0.257%
54	12.902	988	990	993	rVB	1968060	1942173	54.96%	3.247%
55	12.971	993	996	1000	rBV3	258748	520569	14.73%	0.870%
56	13.085	1002	1006	1007	rVB	379508	669729	18.95%	1.120%
57	13.142	1010	1011	1013	rBV	194021	247262	7.00%	0.413%
58	13.188	1013	1015	1016	rVV	351588	395981	11.21%	0.662%
59	13.280	1021	1023	1024	rVB	209006	187640	5.31%	0.314%
60	13.302	1024	1025	1027	rBV	175433	209577	5.93%	0.350%
61	13.382	1031	1032	1037	rVB4	48172	84695	2.40%	0.142%
62	13.485	1037	1041	1044	rBV5	107483	276451	7.82%	0.462%
63	13.588	1046	1050	1052	rBV	313800	377287	10.68%	0.631%
64	13.691	1057	1059	1061	rBV2	280211	455346	12.89%	0.761%
65	13.725	1061	1062	1063	rVV	288730	253713	7.18%	0.424%
66	13.794	1067	1068	1073	rVB2	281659	323219	9.15%	0.540%
67	13.942	1078	1081	1083	rBV2	1725327	2887828	81.73%	4.829%
68	14.057	1087	1091	1092	rBV2	208001	244362	6.92%	0.409%
69	14.091	1092	1094	1095	rVV2	89549	111863	3.17%	0.187%
70	14.137	1096	1098	1099	rVV2	91933	121067	3.43%	0.202%
71	14.171	1099	1101	1103	rVB2	87398	165779	4.69%	0.277%

LSC Area Percent Report

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Sample : H3395-28
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-990-PLATFORM(0-4)

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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.274	1108	1110	1111	rVV2	55205	86193	2.44%	0.144%
73	14.297	1111	1112	1113	rVV	92388	108867	3.08%	0.182%
74	14.331	1113	1115	1117	rVV	283002	460926	13.04%	0.771%
75	14.365	1117	1118	1120	rVV2	184451	235754	6.67%	0.394%
76	14.422	1120	1123	1125	rVV3	161091	312934	8.86%	0.523%
77	14.457	1125	1126	1130	rVV3	202621	396220	11.21%	0.663%
78	14.537	1130	1133	1135	rVB3	90287	157545	4.46%	0.263%
79	14.640	1140	1142	1143	rBV	94129	127685	3.61%	0.213%
80	14.811	1153	1157	1161	rBV4	113435	272105	7.70%	0.455%
81	14.880	1161	1163	1165	rBV2	66271	74592	2.11%	0.125%
82	14.971	1168	1171	1175	rBV	1286914	2691202	76.16%	4.500%
83	15.063	1177	1179	1181	rVB	309133	325368	9.21%	0.544%
84	15.165	1185	1188	1190	rBV2	50677	115013	3.25%	0.192%
85	15.245	1193	1195	1198	rVB	605535	984604	27.86%	1.646%
86	15.314	1198	1201	1203	rVB	1036999	1296454	36.69%	2.168%
87	15.371	1203	1206	1207	rBV	397759	648467	18.35%	1.084%
88	15.771	1238	1241	1243	rBV	45633	88081	2.49%	0.147%
89	15.886	1249	1251	1256	rVB	69755	114535	3.24%	0.192%
90	16.320	1286	1289	1291	rBV	41975	86597	2.45%	0.145%
91	16.411	1295	1297	1305	rVB4	95385	240611	6.81%	0.402%
92	16.571	1305	1311	1318	rBV3	92825	357558	10.12%	0.598%
93	16.731	1321	1325	1328	rVB2	406987	781509	22.12%	1.307%
94	16.891	1335	1339	1341	rBV	85887	182222	5.16%	0.305%
95	16.937	1341	1343	1346	rVV2	75820	136129	3.85%	0.228%
96	17.131	1356	1360	1368	rVB	328439	703527	19.91%	1.176%
97	17.349	1376	1379	1386	rVB2	86506	209491	5.93%	0.350%
98	18.206	1450	1454	1461	rVB6	30602	106010	3.00%	0.177%
99	19.200	1535	1541	1549	rVB	71317	297520	8.42%	0.497%
100	19.372	1550	1556	1560	rBV	53924	209946	5.94%	0.351%

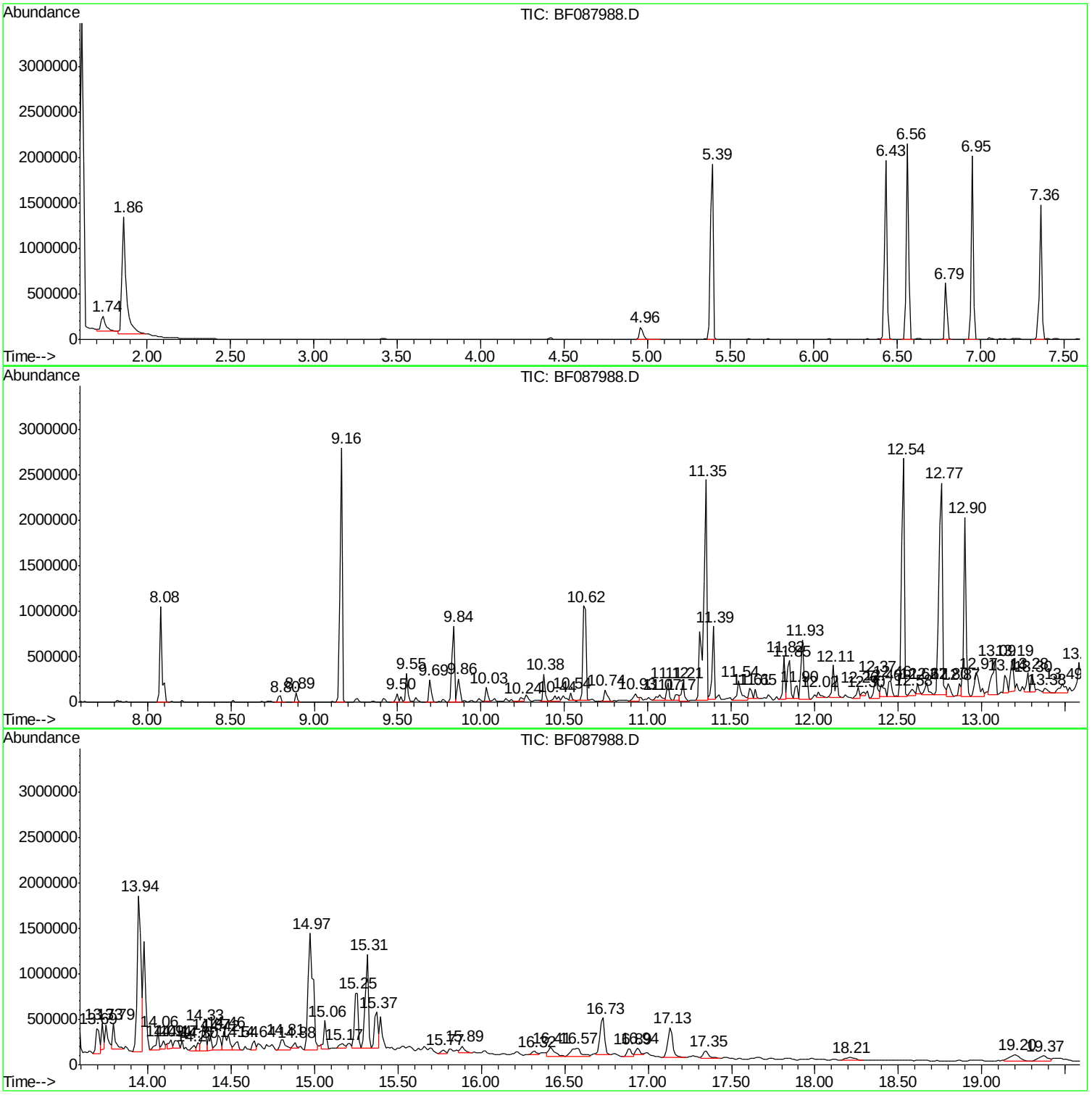
Sum of corrected areas: 59805684

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087988.D
Acq On : 13 Jun 2016 17:39
Operator : UM/SJ
Sample : H3395-28
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STA-990-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087988.D
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Sample : H3395-28
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Instrument : BNA_F
ClientSampleId : STA-990-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

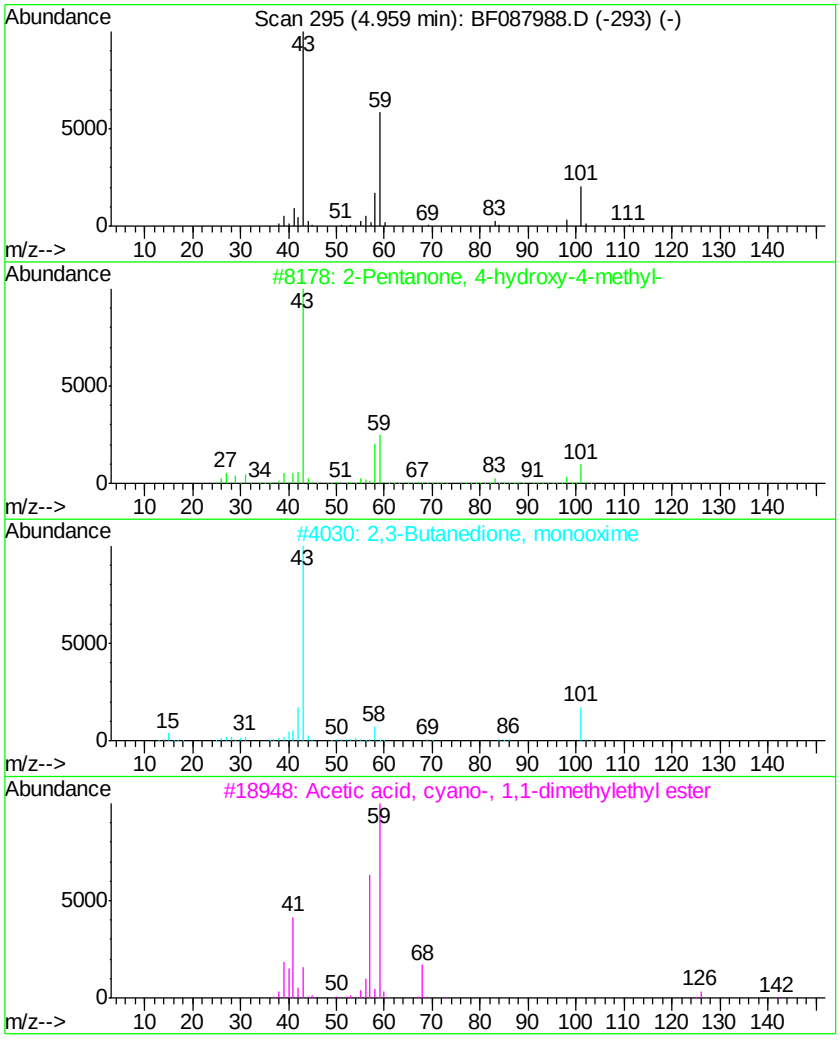
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

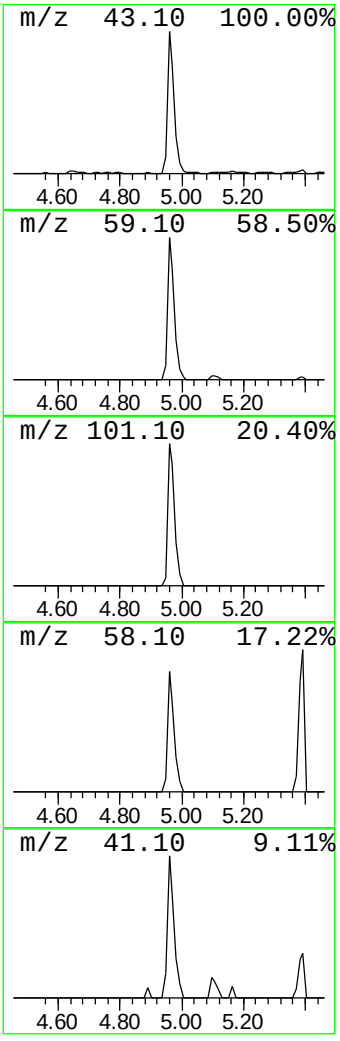
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	6.44 ng	206024	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087988.D
Acq On : 13 Jun 2016 17:39
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Sample : H3395-28
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STA-990-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

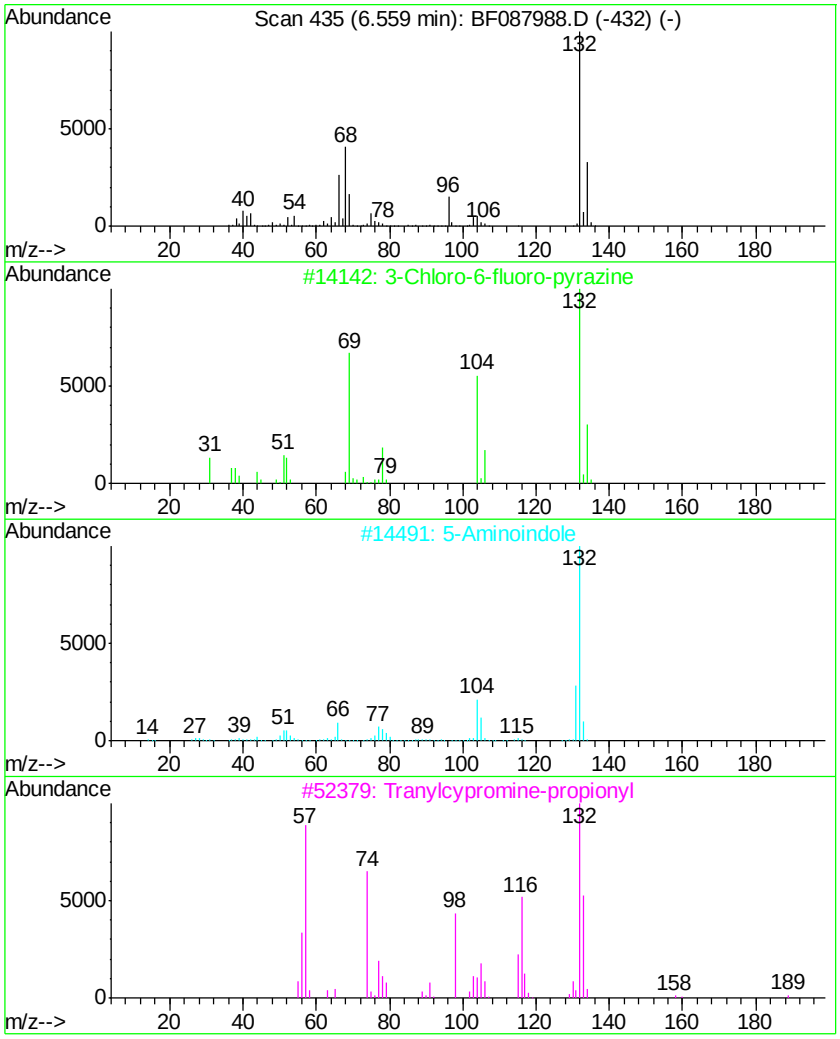
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

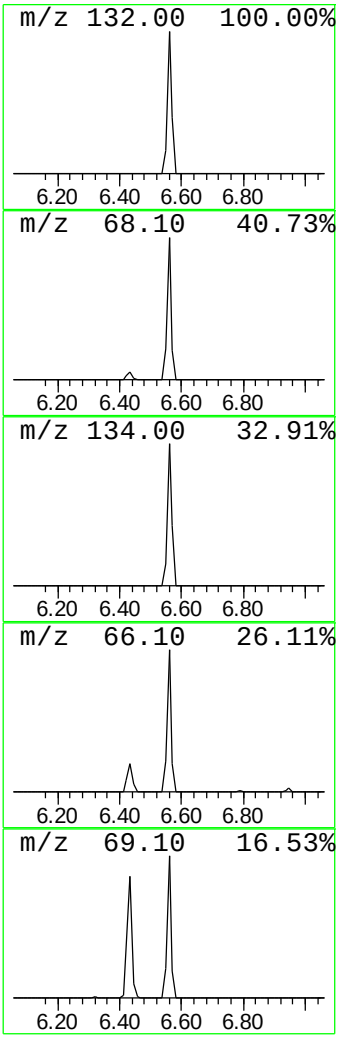
****

Peak Number 4 unknown6.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	68.88 ng	2203970	1,4-Dichlorobenzene-d4	6.79

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	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
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Instrument : BNA_F
ClientSampleId : STA-990-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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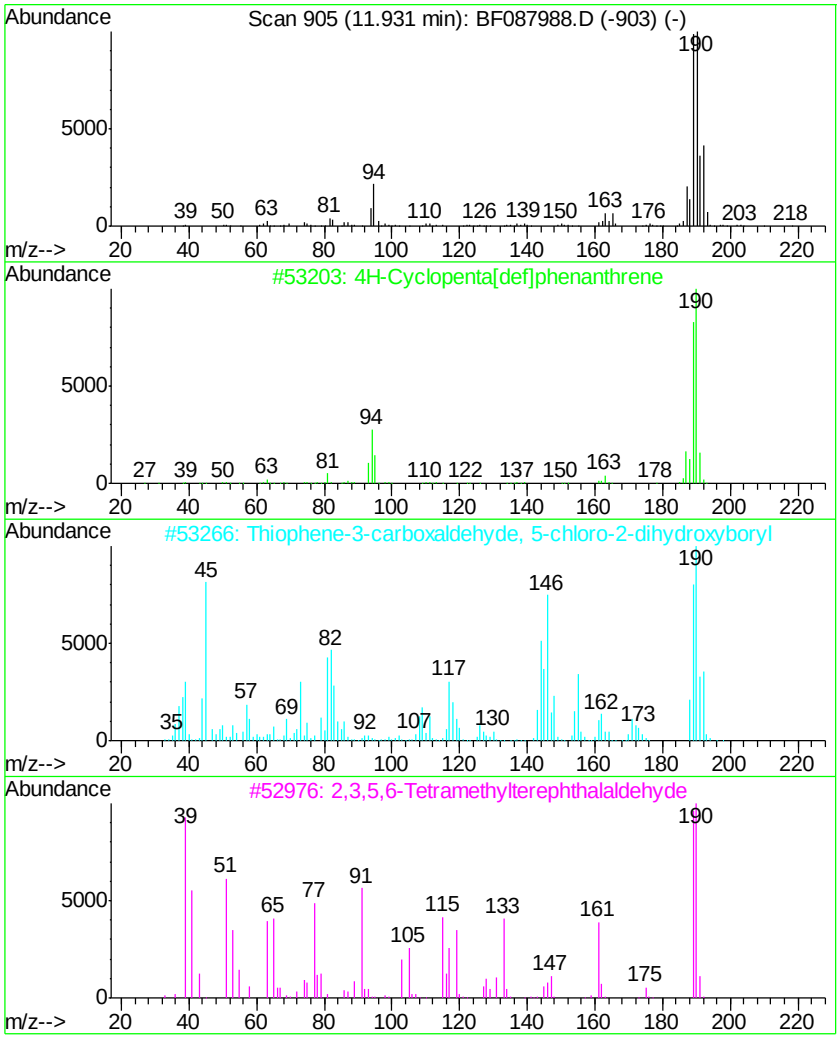
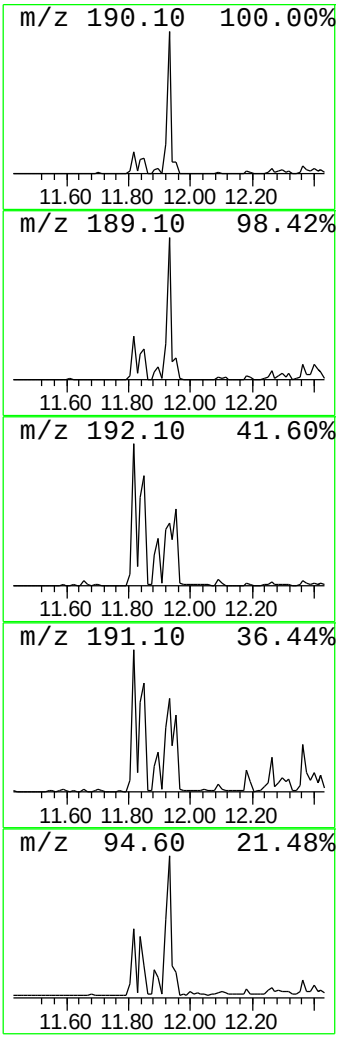
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	5.67 ng	974645	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
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Operator : UM/SJ
Sample : H3395-28
Misc :
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Instrument : BNA_F
ClientSampleId : STA-990-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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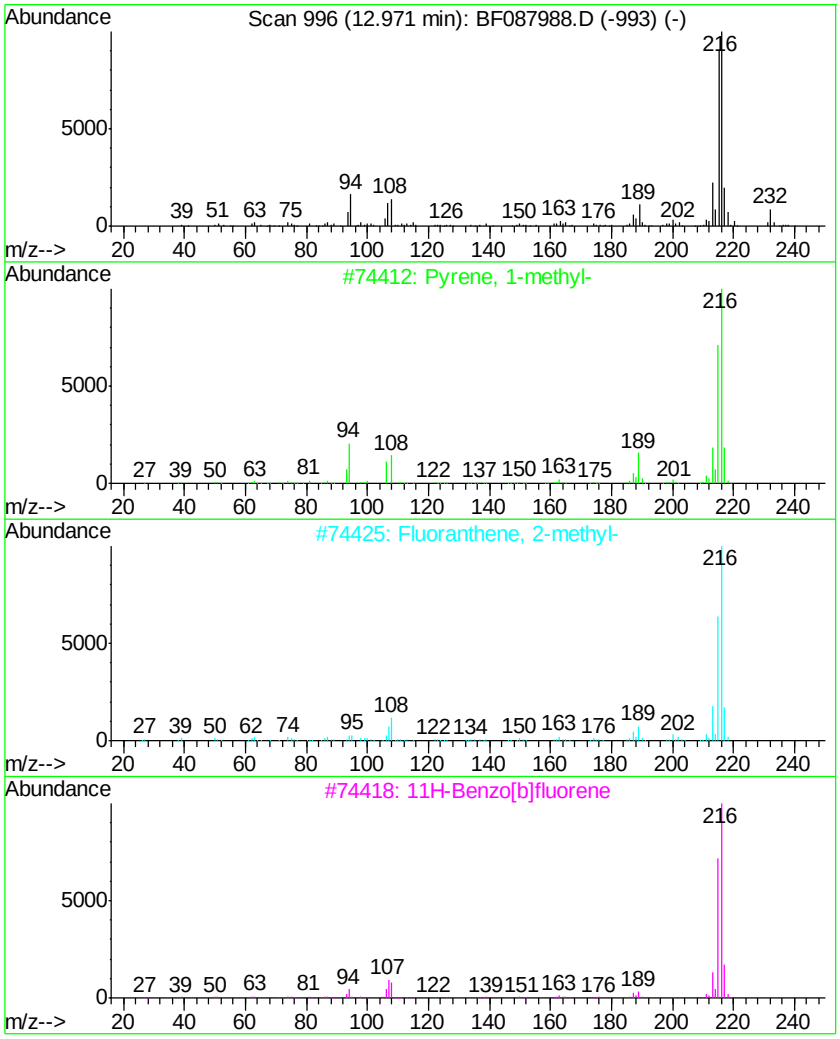
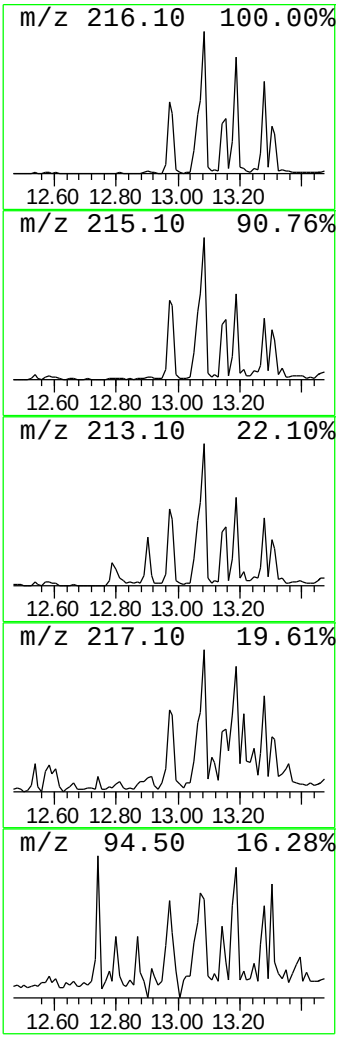
Peak Number 7 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	3.61 ng	520569	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087988.D
Acq On : 13 Jun 2016 17:39
Operator : UM/SJ
Sample : H3395-28
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-990-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

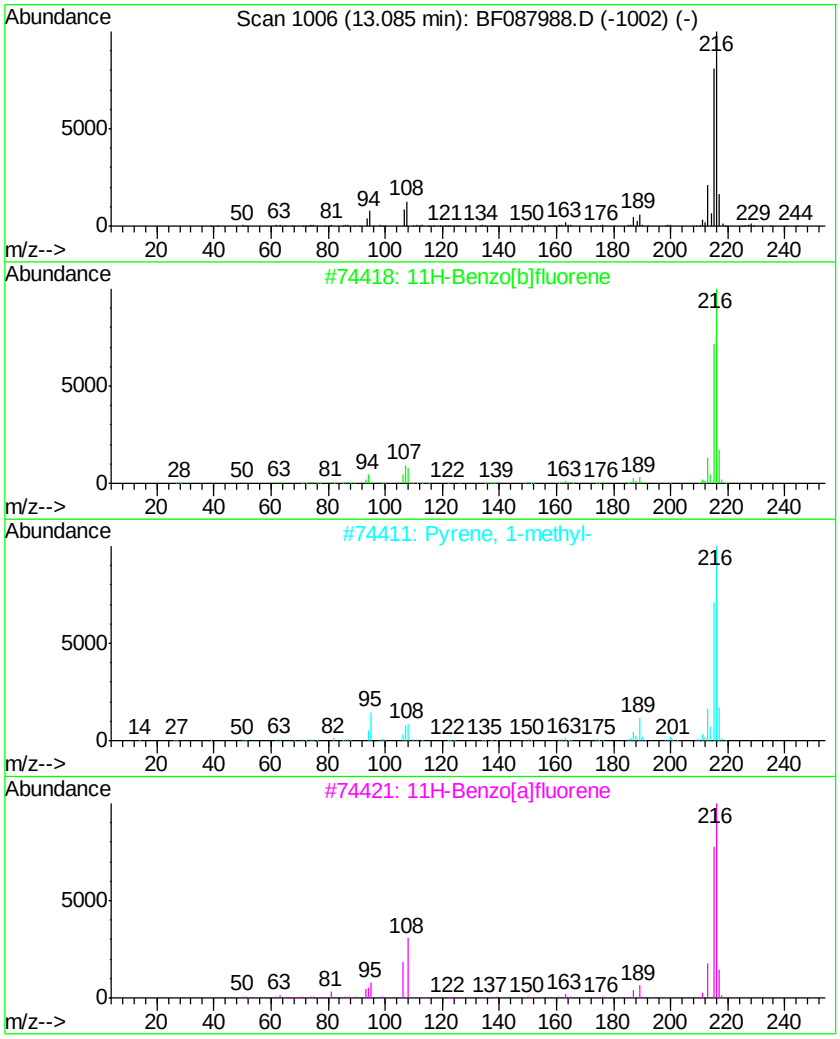
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

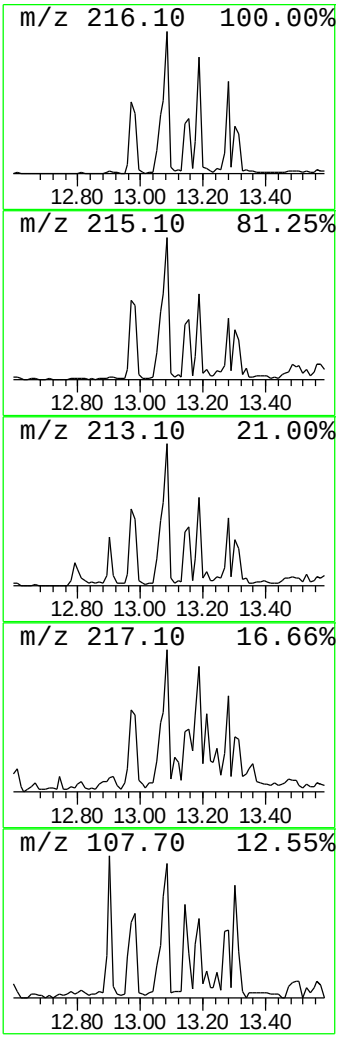
****

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	4.64 ng	669729	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Data File : BF087988.D
Acq On : 13 Jun 2016 17:39
Operator : UM/SJ
Sample : H3395-28
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-990-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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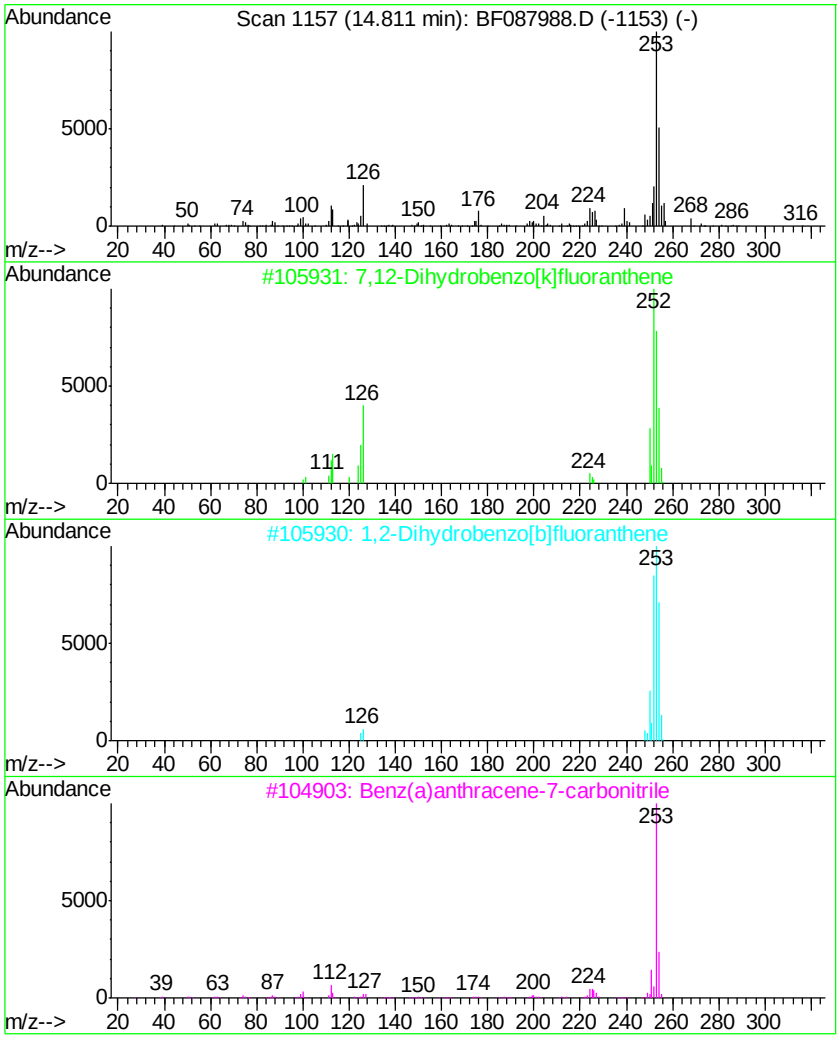
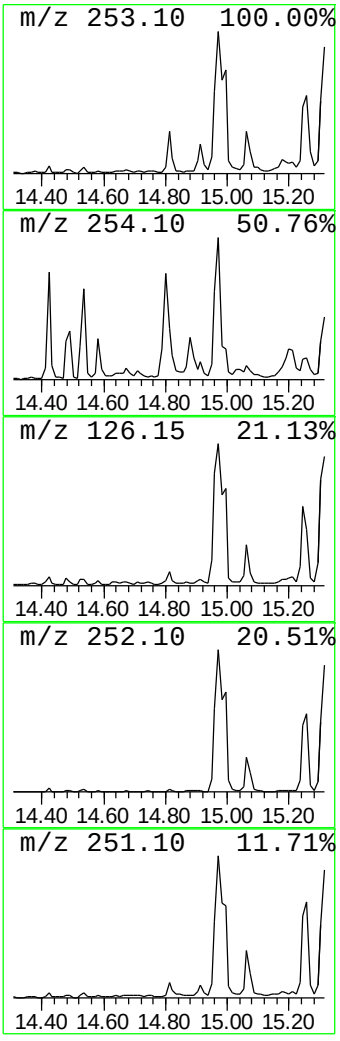
Peak Number 9 7,12-Dihydrobenzo[k]fluoran... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	8.39 ng	272105	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	74
2	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	58
3	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	55
4	2H-Pyrazolo[3',4':5,6]pyrimido[2...	254	C13H10N4O2	1000318-77-9	47
5	4,4'-Biazulenyl	254	C20H14	094053-54-0	46





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Acq On : 13 Jun 2016 17:39
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Sample : H3395-28
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-990-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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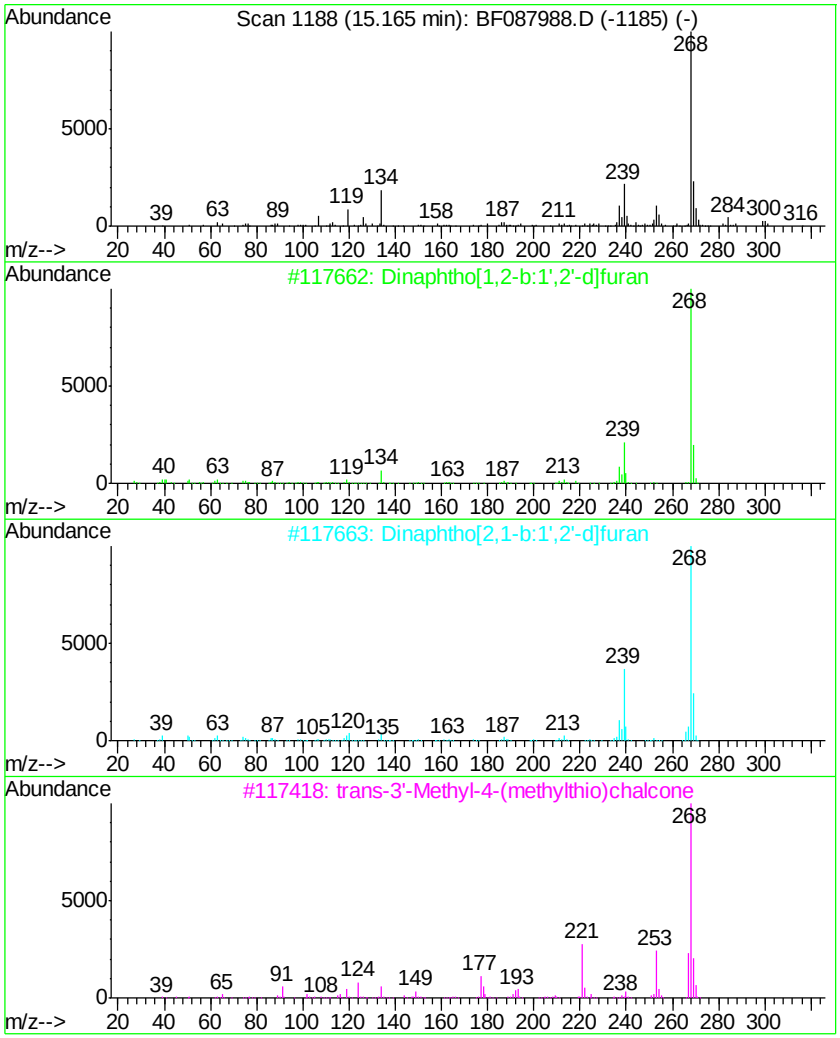
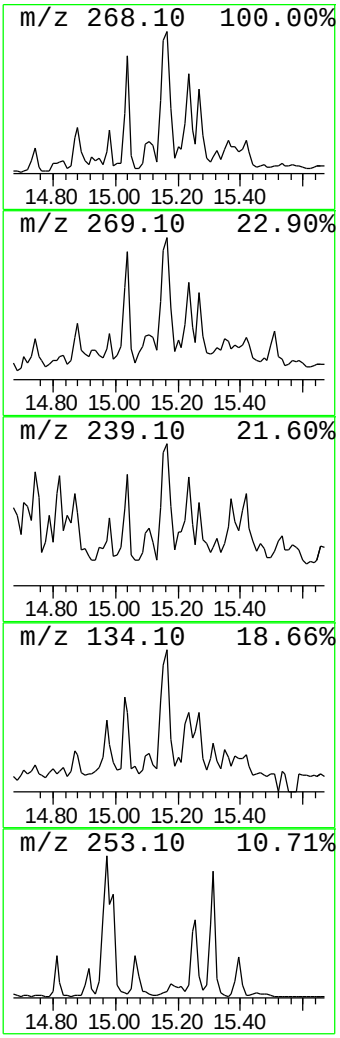
Peak Number 11 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	3.55 ng	115013	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	81
2	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	74
3	trans-3'-Methyl-4-(methylthio)ch...	268	C17H16OS	131316-14-8	62
4	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	58
5	trans-4'-Methyl-4-(methylthio)ch...	268	C17H16OS	126443-27-4	58





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ClientSampleId : STA-990-PLATFORM(0-4)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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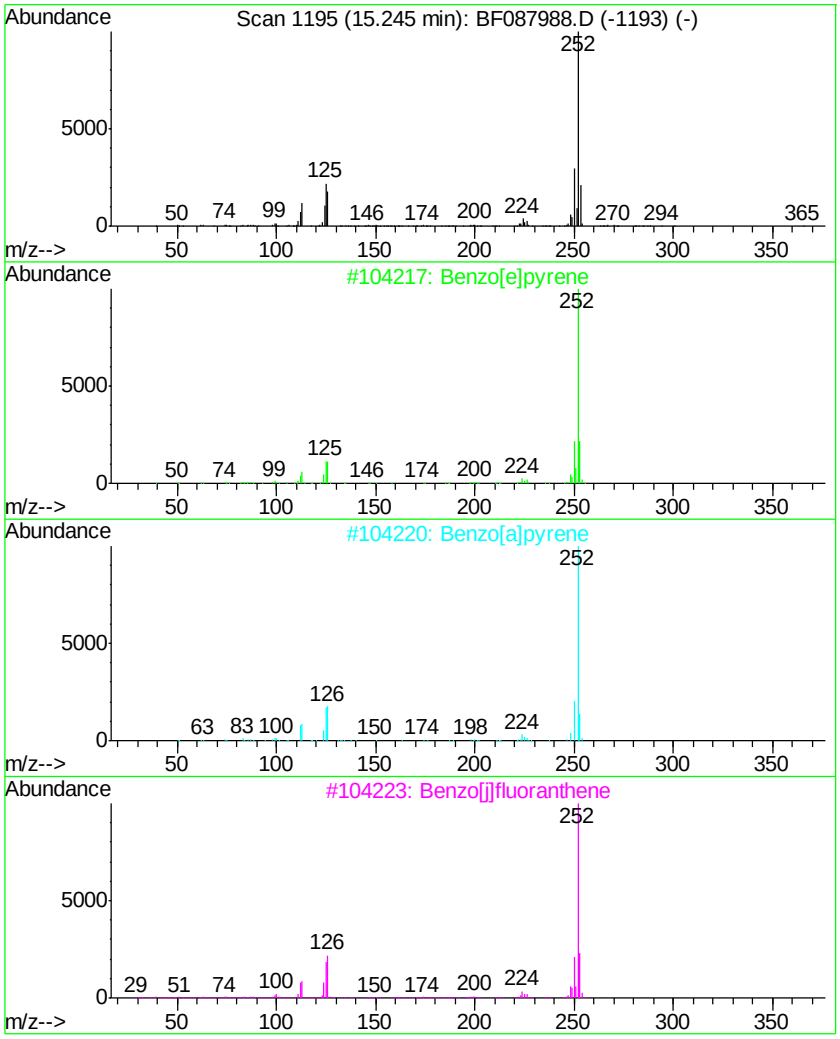
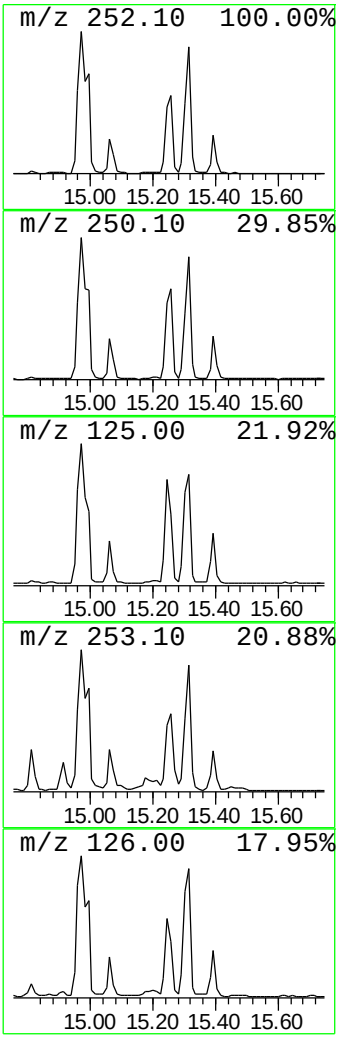
Peak Number 12 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	30.37 ng	984604	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	90





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Operator : UM/SJ
Sample : H3395-28
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-990-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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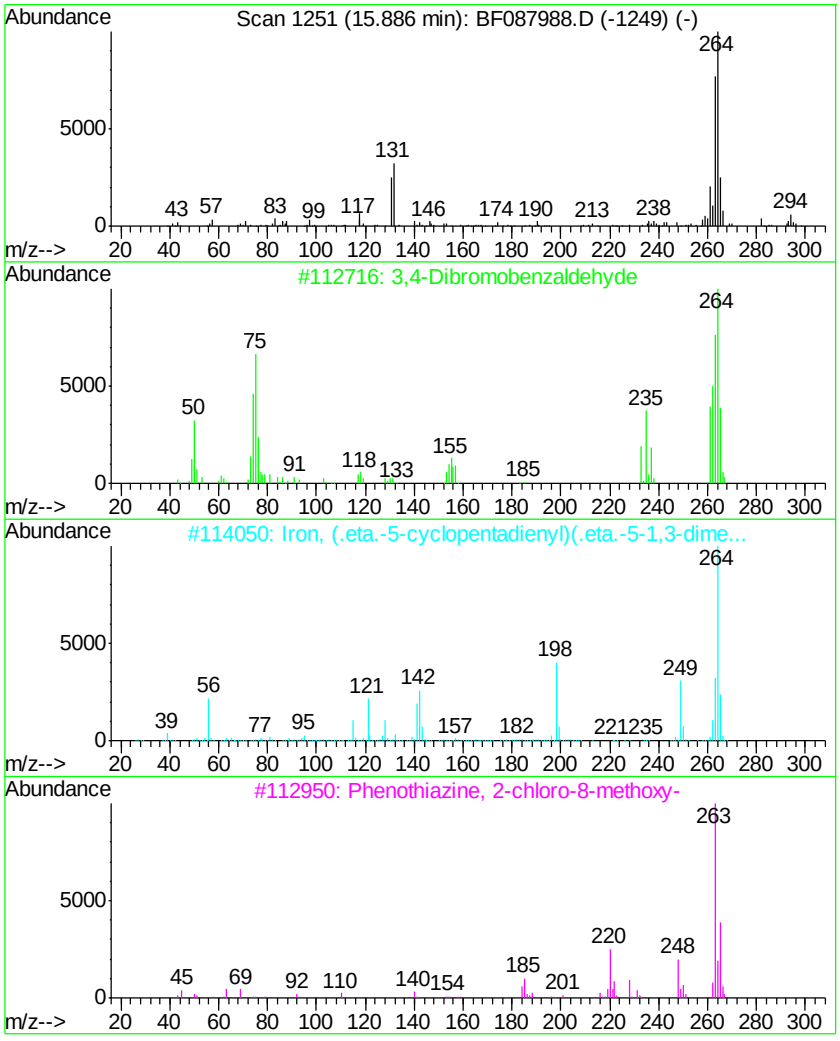
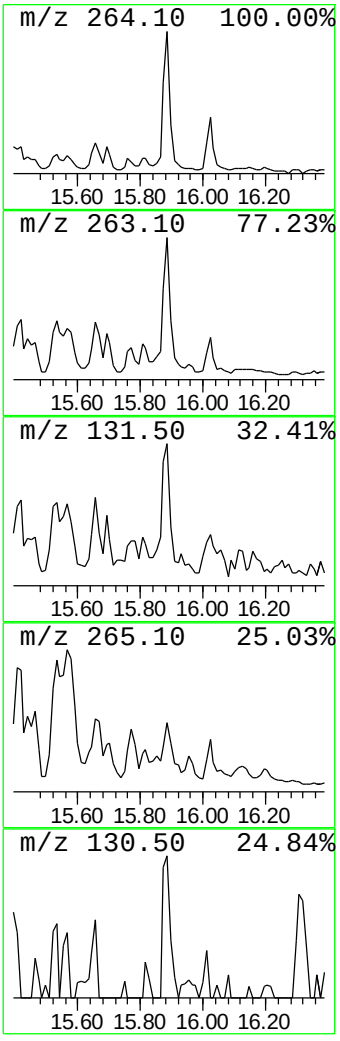
Peak Number 13 3,4-Dibromobenzaldehyde Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	3.53 ng	114535	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	64
2	Iron, (.eta.-5-cyclopentadienyl)...	264	C16H16Fe	1000155-06-6	38
3	Phenothiazine, 2-chloro-8-methoxy-	263	C13H10ClNOS	017800-09-8	35
4	Terephthalic acid, decyl 2,2-dic...	402	C20H28Cl2O4	1000356-24-9	27
5	Perylene-D12	264	C20D12	001520-96-3	25





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Acq On : 13 Jun 2016 17:39
Operator : UM/SJ
Sample : H3395-28
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STA-990-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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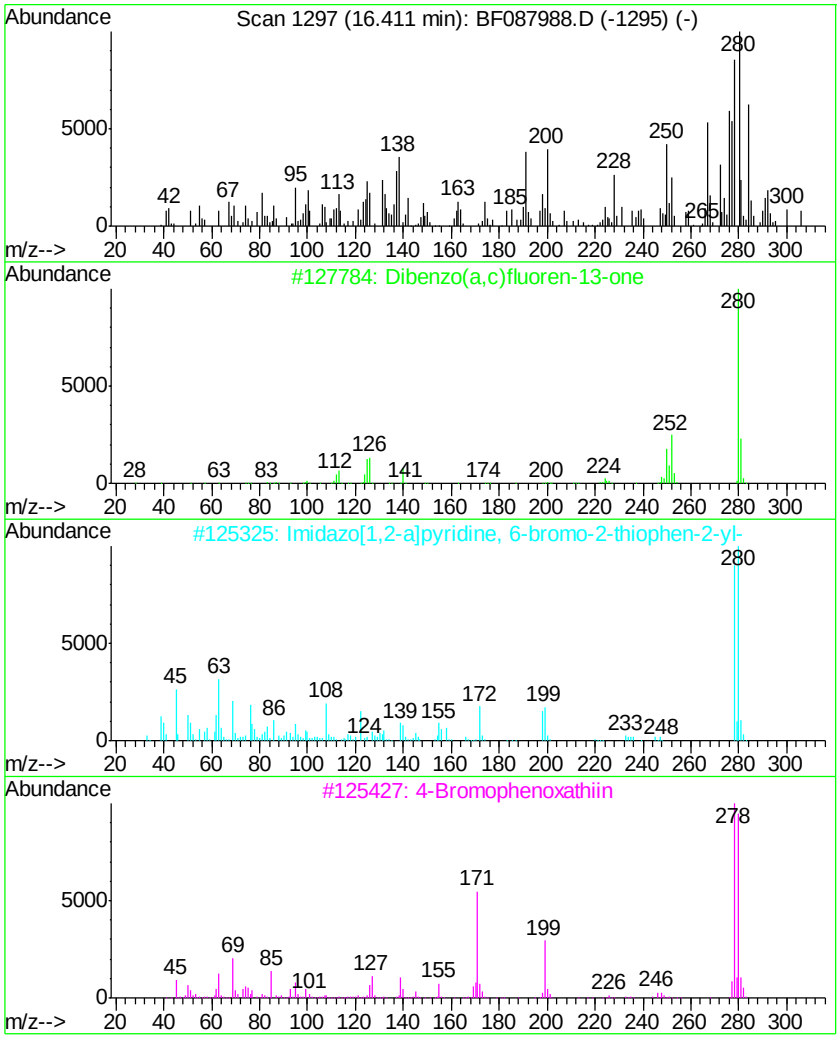
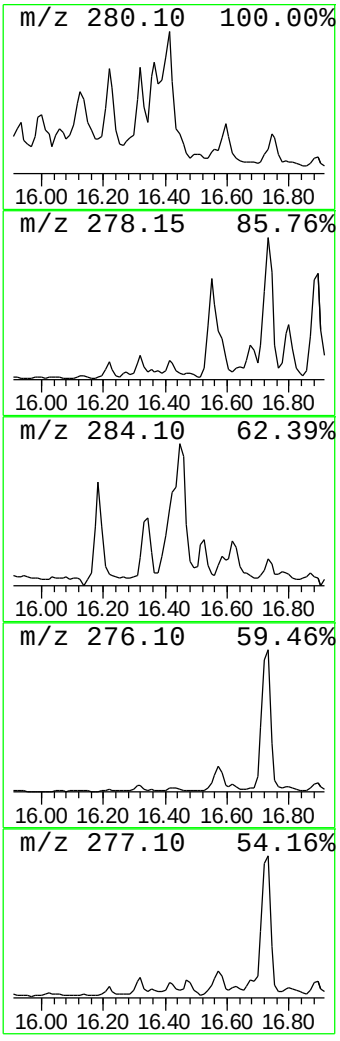
Peak Number 14 unknown16.41 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	7.42 ng	240611	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo(a,c)fluoren-13-one	280	C21H12O	063041-47-4	35
2	Imidazo[1,2-a]pyridine, 6-bromo-...	278	C11H7BrN2S	1000310-77-6	27
3	4-Bromophenoxathiin	278	C12H7BrOS	105906-37-4	27
4	1,2,3,4-Phenazinetetrol, 7-chloro-	278	C12H7ClN2O4	023774-10-9	25
5	6-Benzo(a)pyrenecarboxaldehyde	280	C21H12O	013312-42-0	18





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Sample : H3395-28
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-990-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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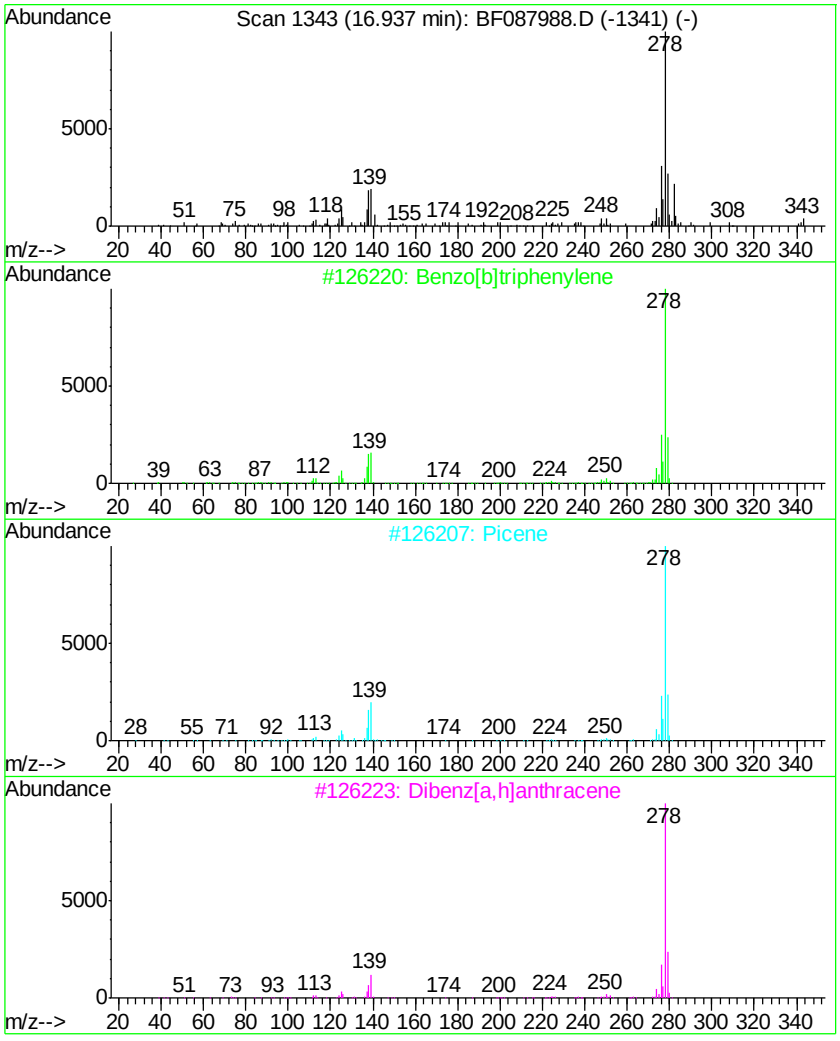
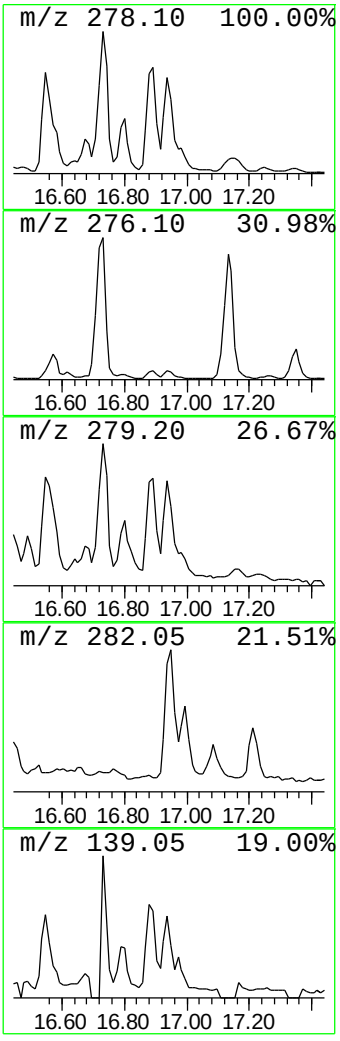
Peak Number 17 Benzo[b]triphenylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.94	4.20 ng	136129	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	99
2	Picene	278	C22H14	000213-46-7	96
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	86
4	Pentacene	278	C22H14	000135-48-8	86
5	Benzo[b]chrysene	278	C22H14	000214-17-5	83





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Operator : UM/SJ
Sample : H3395-28
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-990-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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TIC Library : C:\Database\NIST11.L
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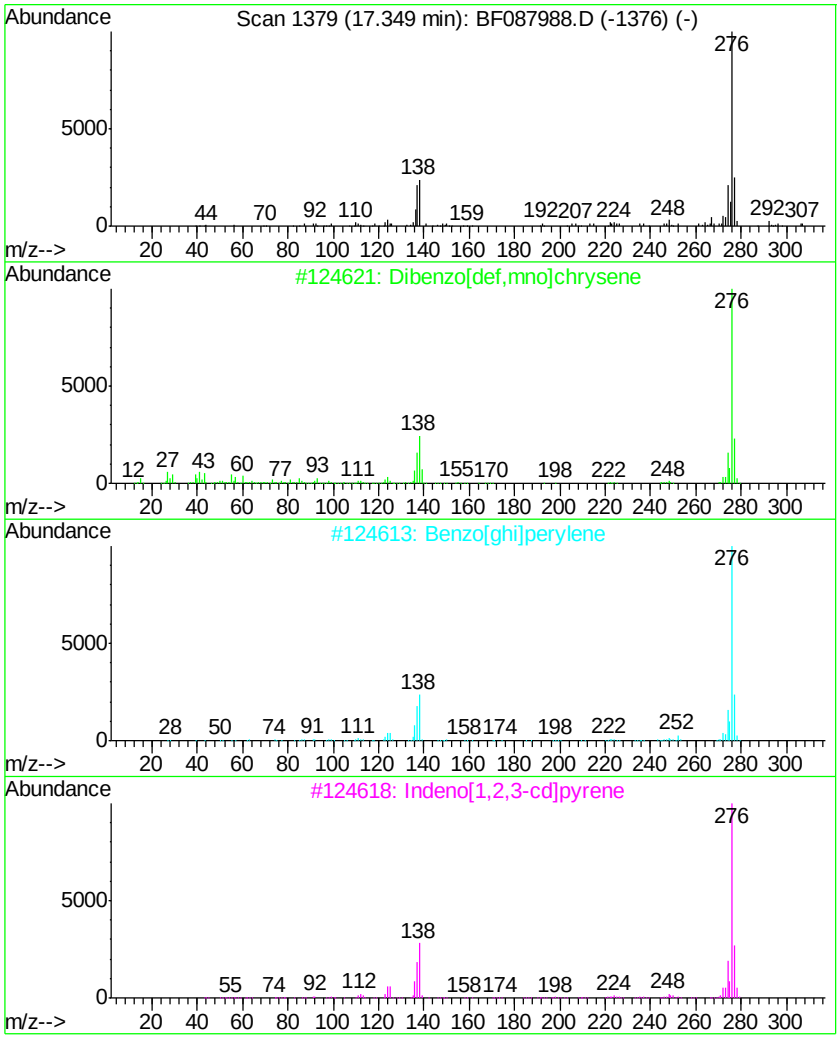
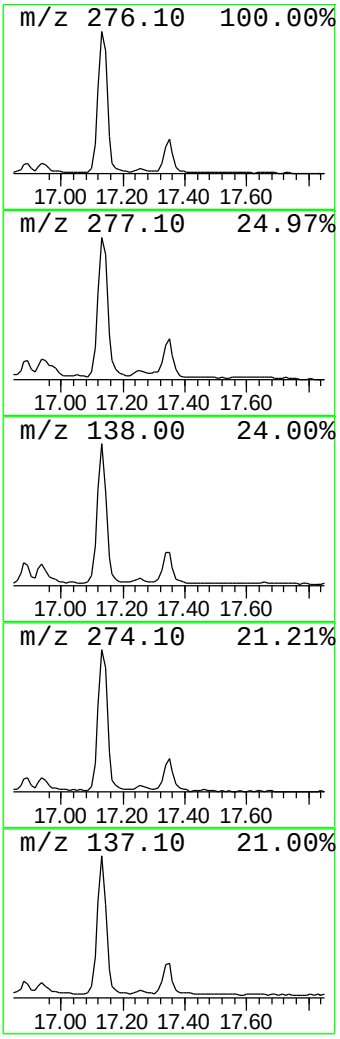
Peak Number 18 Dibenzo[def,mno]chrysene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	6.46 ng	209491	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	95
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	Naphthalen-1-yl-(3-nitro-benzyli...	276	C17H12N2O2	200421-53-0	47





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-990-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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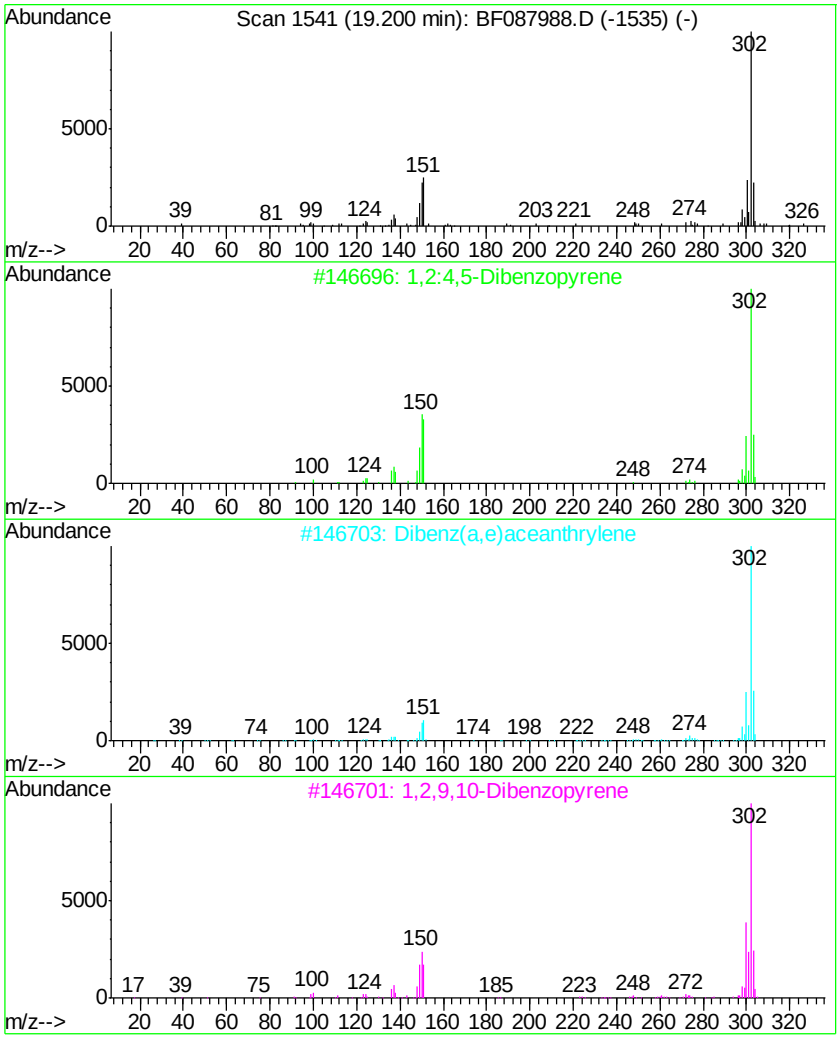
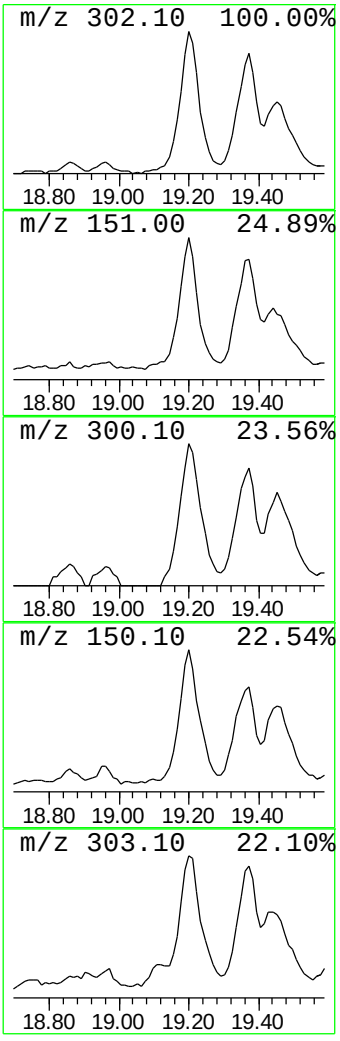
Peak Number 19 1,2:4,5-Dibenzopyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	9.18 ng	297520	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	98
2	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	93
3	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	86
4	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	83
5	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	81





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Operator : UM/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : STA-990-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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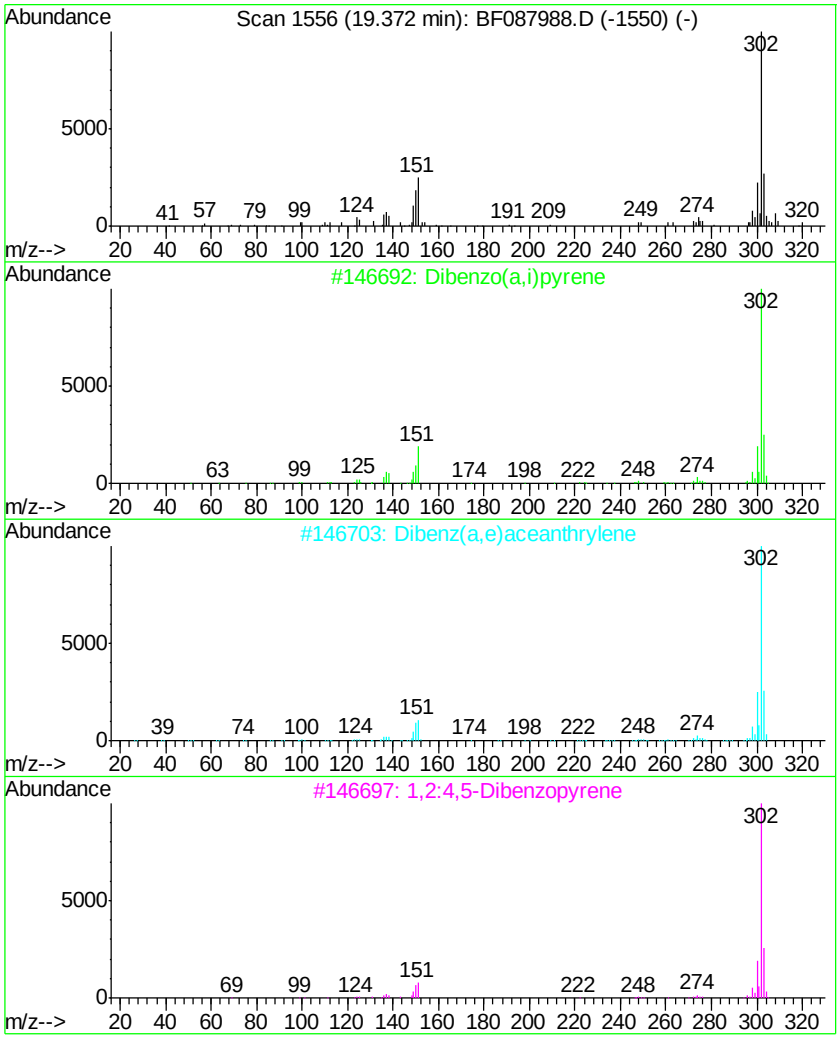
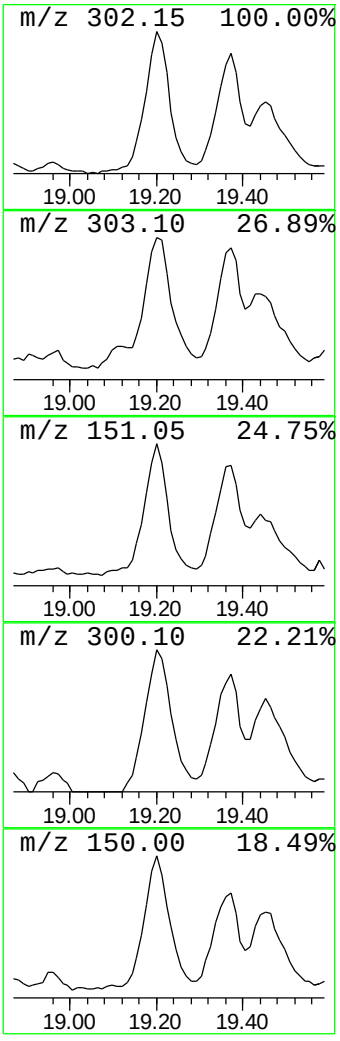
Peak Number 20 Dibenzo(a,i)pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	6.48 ng	209946	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	98
2	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	98
3	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	95
4	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	94
5	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061316\
Data File : BF087988.D
Acq On : 13 Jun 2016 17:39
Operator : UM/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : STA-990-PLATFORM(0-4)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.96	6.4	ng	206024	1	6.79	639921	20.0
unknown6.56	6.56	68.9	ng	2203970	1	6.79	639921	20.0
4H-Cyclopenta[def...	11.93	5.7	ng	974645	4	11.31	3440250	20.0
Pyrene, 1-methyl-	12.97	3.6	ng	520569	5	13.95	2887830	20.0
11H-Benzo[b]fluorene	13.09	4.6	ng	669729	5	13.95	2887830	20.0
7,12-Dihydrobenzo...	14.81	8.4	ng	272105	6	15.37	648467	20.0
Dinaphtho[1,2-b:1...	15.17	3.5	ng	115013	6	15.37	648467	20.0
Benzo[e]pyrene	15.25	30.4	ng	984604	6	15.37	648467	20.0
3,4-Dibromobenzal...	15.89	3.5	ng	114535	6	15.37	648467	20.0
unknown16.41	16.41	7.4	ng	240611	6	15.37	648467	20.0
Benzo[b]triphenylene	16.94	4.2	ng	136129	6	15.37	648467	20.0
Dibenzo[def,mno]c...	17.35	6.5	ng	209491	6	15.37	648467	20.0
1,2:4,5-Dibenzopy...	19.20	9.2	ng	297520	6	15.37	648467	20.0
Dibenzo(a,i)pyrene	19.37	6.5	ng	209946	6	15.37	648467	20.0