LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093228.D
Acq On : 28 Feb 2017 2:09
Operator : SJ/MA
Sample : I1997-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B-1E-NSW-1

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-BF013017.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	2.475	31	34	35	rBV2	110065	114250	2.74%	0.157%
2	2.498	35	36	38	rVV2	57368	87532	2.10%	0.120%
3	2.544	38	40	41	rVV2	72180	130395	3.12%	0.179%
4	2.578	41	43	46	rVV2	456758	607943	14.57%	0.836%
5	2.692	48	53	55	rVV6	296853	741656	17.77%	1.020%
6	2.750	57	58	60	rVV2	175725	286444	6.86%	0.394%
7	2.795	60	62	63	rVV2	218769	309720	7.42%	0.426%
8	2.841	63	66	71	rVV7	295907	998628	23.93%	1.374%
9	2.910	71	72	75	rVB3	78925	120776	2.89%	0.166%
10	3.161	91	94	104	rBV	16843	86554	2.07%	0.119%
11	4.990	251	254	261	rVB	984226	1599502	38.33%	2.201%
12	5.424	290	292	295	rBV	3709628	3713259	88.98%	5.109%
13	6.476	381	384	386	rBV	3013030	4141337	99.24%	5.698%
14	6.590	391	394	396	rVV	3964084	3737336	89.55%	5.142%
15	6.819	411	414	416	rBV	897477	982295	23.54%	1.352%
16	6.967	425	427	430	rBV	2440134	2878276	68.97%	3.960%
17	7.390	461	464	466	rBV	2181485	2584019	61.92%	3.555%
18	7.493	472	473	478	rVB2	27324	46007	1.10%	0.063%
19	8.099	524	526	531	rVB2	1289406	1641372	39.33%	2.258%
20	8.819	587	589	591	rBV	105020	113848	2.73%	0.157%
21	8.910	595	597	599	rVB	75927	71605	1.72%	0.099%
22	9.185	618	621	623	rBV	3623302	4173262	100.00%	5.742%
23	9.276	625	629	632	rVB2	54546	98196	2.35%	0.135%
24	9.447	641	644	646	rBV	41577	60084	1.44%	0.083%
25	9.516	646	650	651	rBV	75144	79636	1.91%	0.110%
26	9.573	653	655	658	rVB	748340	968368	23.20%	1.332%
27	9.722	665	668	670	rBV	107709	111671	2.68%	0.154%
28	9.790	670	674	676	rVV	68553	72406	1.73%	0.100%
29	9.859	677	680	681	rVV	1409716	1321274	31.66%	1.818%
30	9.893	681	683	685	rVB	348246	411480	9.86%	0.566%
31	10.019	691	694	695	rBV2	35999	56473	1.35%	0.078%
32	10.065	695	698	700	rVV	212948	248978	5.97%	0.343%
33	10.282	713	717	719	rBV2	114859	172891	4.14%	0.238%
34	10.408	726	728	730	rBV	271016	302959	7.26%	0.417%

LSC Area Percent Report

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Operator : SJ/MA
Sample : I1997-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B-1E-NSW-1

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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.465	730	733	734	rBV2	33394	60671	1.45%	0.083%
36	10.488	734	735	740	rVB2	47769	106235	2.55%	0.146%
37	10.556	740	741	743	rVB	69050	83313	2.00%	0.115%
38	10.648	746	749	752	rBV	1851200	1884267	45.15%	2.593%
39	10.762	757	759	763	rVB2	163669	277654	6.65%	0.382%
40	10.956	772	776	777	rBV2	72773	124439	2.98%	0.171%
41	11.082	784	787	791	rBV2	52578	131488	3.15%	0.181%
42	11.150	791	793	795	rVB	113784	100689	2.41%	0.139%
43	11.208	795	798	799	rBV2	156791	203932	4.89%	0.281%
44	11.242	799	801	803	rVB	172482	209686	5.02%	0.289%
45	11.345	807	810	811	rBV	1211500	1369096	32.81%	1.884%
46	11.368	811	812	814	rVV	2660685	2022608	48.47%	2.783%
47	11.413	814	816	818	rVB	526630	706052	16.92%	0.971%
48	11.459	818	820	823	rBV2	70624	121341	2.91%	0.167%
49	11.573	827	830	834	rBV2	226149	417622	10.01%	0.575%
50	11.631	834	835	838	rVV3	111687	144915	3.47%	0.199%
51	11.676	838	839	841	rVB2	45445	52903	1.27%	0.073%
52	11.848	851	854	855	rBV	234632	274858	6.59%	0.378%
53	11.871	855	856	858	rVV	364106	334719	8.02%	0.461%
54	11.916	858	860	862	rVV2	115598	161568	3.87%	0.222%
55	11.962	862	864	868	rVB	392184	677749	16.24%	0.933%
56	12.042	868	871	873	rBV2	91069	167506	4.01%	0.230%
57	12.145	877	880	881	rVV	134010	195850	4.69%	0.269%
58	12.168	881	882	885	rVB	117338	122369	2.93%	0.168%
59	12.293	890	893	894	rBV	59546	100658	2.41%	0.138%
60	12.396	899	902	903	rBV	160154	206313	4.94%	0.284%
61	12.431	903	905	908	rVB2	145819	202370	4.85%	0.278%
62	12.488	908	910	914	rBV	152619	215088	5.15%	0.296%
63	12.556	914	916	919	rBV	2226127	2855248	68.42%	3.929%
64	12.625	919	922	923	rBV2	53244	78528	1.88%	0.108%
65	12.705	927	929	931	rVV	141473	167625	4.02%	0.231%
66	12.785	933	936	939	rVV	2038380	3084071	73.90%	4.243%
67	12.831	939	940	943	rVB2	120536	171422	4.11%	0.236%
68	12.934	944	949	951	rBV	2657796	3282426	78.65%	4.516%
69	13.002	952	955	957	rBV2	180354	321297	7.70%	0.442%
70	13.116	961	965	967	rBV	488631	686653	16.45%	0.945%
71	13.185	967	971	972	rVV	323179	387445	9.28%	0.533%

LSC Area Percent Report

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Acq On : 28 Feb 2017 2:09
Operator : SJ/MA
Sample : I1997-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B-1E-NSW-1

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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.219	972	974	978	rVV2	290650	396111	9.49%	0.545%
73	13.311	980	982	983	rVV	176029	151860	3.64%	0.209%
74	13.345	983	985	989	rVB2	138179	188551	4.52%	0.259%
75	13.516	996	1000	1001	rBV4	84744	230120	5.51%	0.317%
76	13.631	1005	1010	1013	rVV2	209873	535914	12.84%	0.737%
77	13.734	1017	1019	1020	rVV	244330	258731	6.20%	0.356%
78	13.791	1022	1024	1026	rVV2	190074	444644	10.65%	0.612%
79	13.825	1026	1027	1030	rVB2	274167	392607	9.41%	0.540%
80	13.985	1037	1041	1043	rBV2	1853369	3692043	88.47%	5.080%
81	14.019	1043	1044	1046	rVV	1248842	925811	22.18%	1.274%
82	14.088	1046	1050	1053	rVV2	301090	514698	12.33%	0.708%
83	14.214	1059	1061	1062	rBV2	134869	201570	4.83%	0.277%
84	14.374	1073	1075	1076	rVB	282107	240214	5.76%	0.331%
85	14.408	1076	1078	1080	rVB2	117502	107889	2.59%	0.148%
86	14.465	1080	1083	1084	rBV3	254963	530007	12.70%	0.729%
87	14.854	1115	1117	1121	rBV2	117875	218158	5.23%	0.300%
88	15.014	1128	1131	1138	rBV	1330582	2918924	69.94%	4.016%
89	15.117	1138	1140	1142	rVB	289069	332557	7.97%	0.458%
90	15.299	1154	1156	1159	rVB	803264	1073420	25.72%	1.477%
91	15.368	1159	1162	1164	rVB	1062446	1506838	36.11%	2.073%
92	15.414	1164	1166	1168	rBV	490561	815612	19.54%	1.122%
93	15.825	1200	1202	1205	rBV2	129658	244955	5.87%	0.337%
94	16.820	1285	1289	1293	rBV	524761	1089485	26.11%	1.499%
95	16.980	1301	1303	1305	rBV	88688	143929	3.45%	0.198%
96	17.243	1323	1326	1330	rBV	356375	742951	17.80%	1.022%

Sum of corrected areas: 72678705

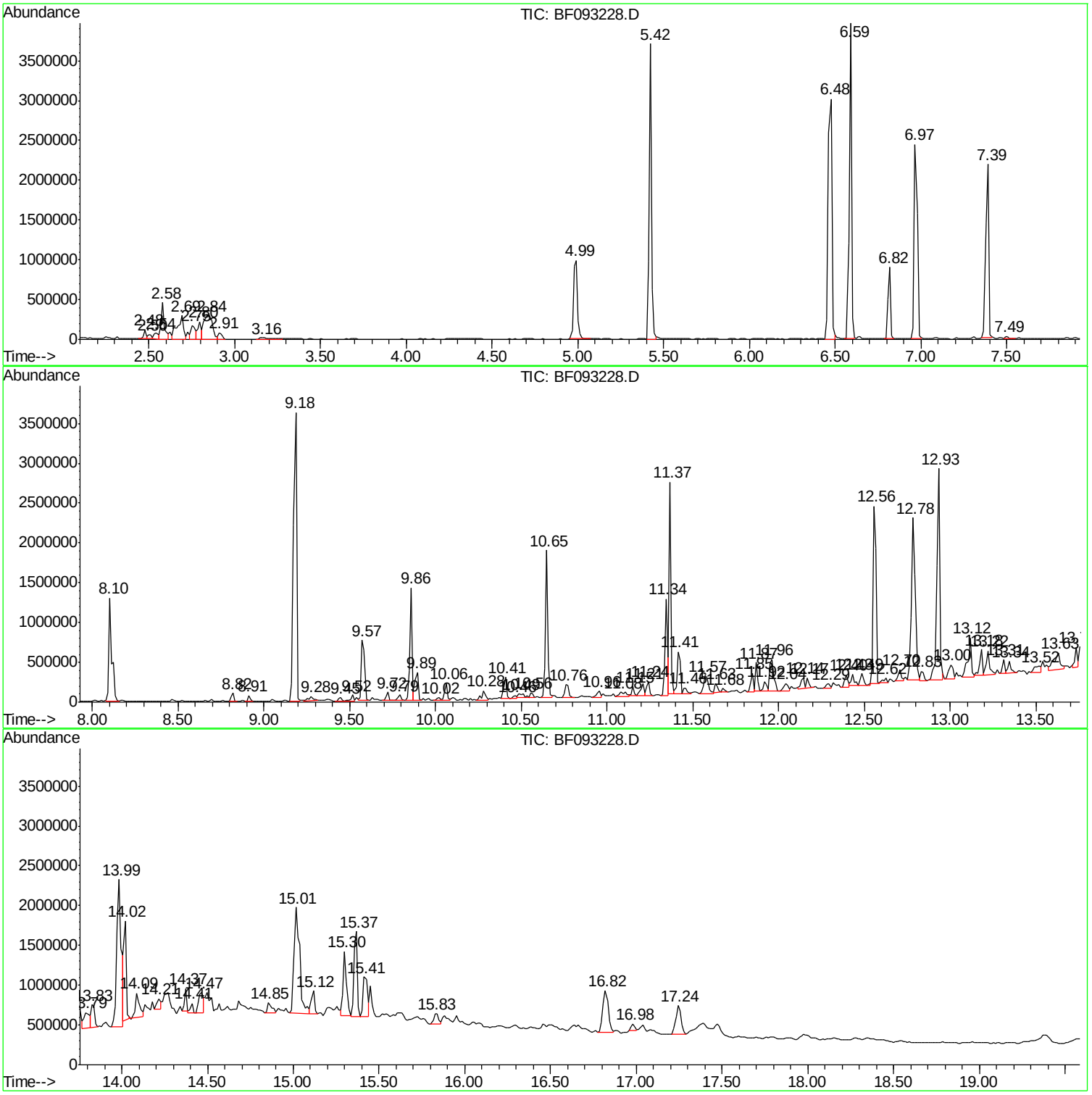
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093228.D
Acq On : 28 Feb 2017 2:09
Operator : SJ/MA
Sample : I1997-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B-1E-NSW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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\BF022717\
Data File : BF093228.D
Acq On : 28 Feb 2017 2:09
Operator : SJ/MA
Sample : I1997-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B-1E-NSW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

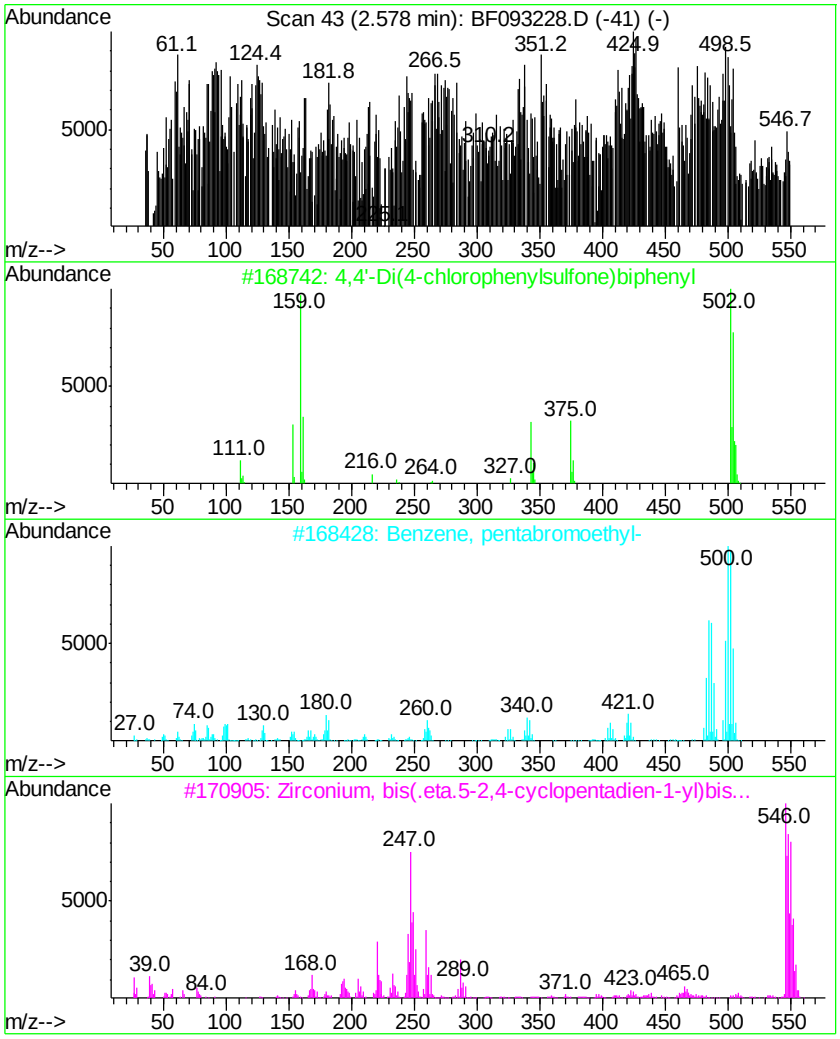
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

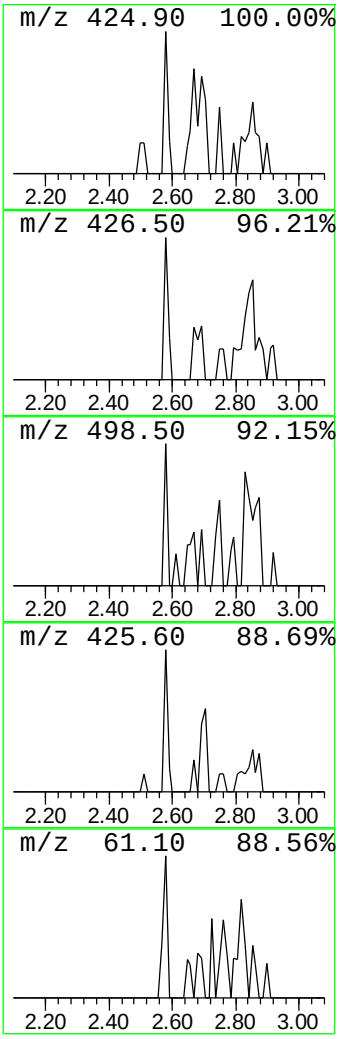
****

Peak Number 1 unknown2.58 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.58	12.38 ng	607943	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Di(4-chlorophenylsulfone)bi...	502	C24H16Cl2O4S2	022287-56-5	25
2	Benzene, pentabromoethyl-	496	C8H5Br5	000085-22-3	11
3	Zirconium, bis(.eta.5-2,4-cyclop...	546	C28H30Zr2	119144-91-1	11
4	Tri(trimethylsilyl) derivative o...	504	C27H48O3Si3	018888-17-0	11
5	1,2,4-Oxadiazol-5(4H)-one, 3-(2,...	307	C13H7Cl2N3O2	288246-51-5	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093228.D
Acq On : 28 Feb 2017 2:09
Operator : SJ/MA
Sample : I1997-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B-1E-NSW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

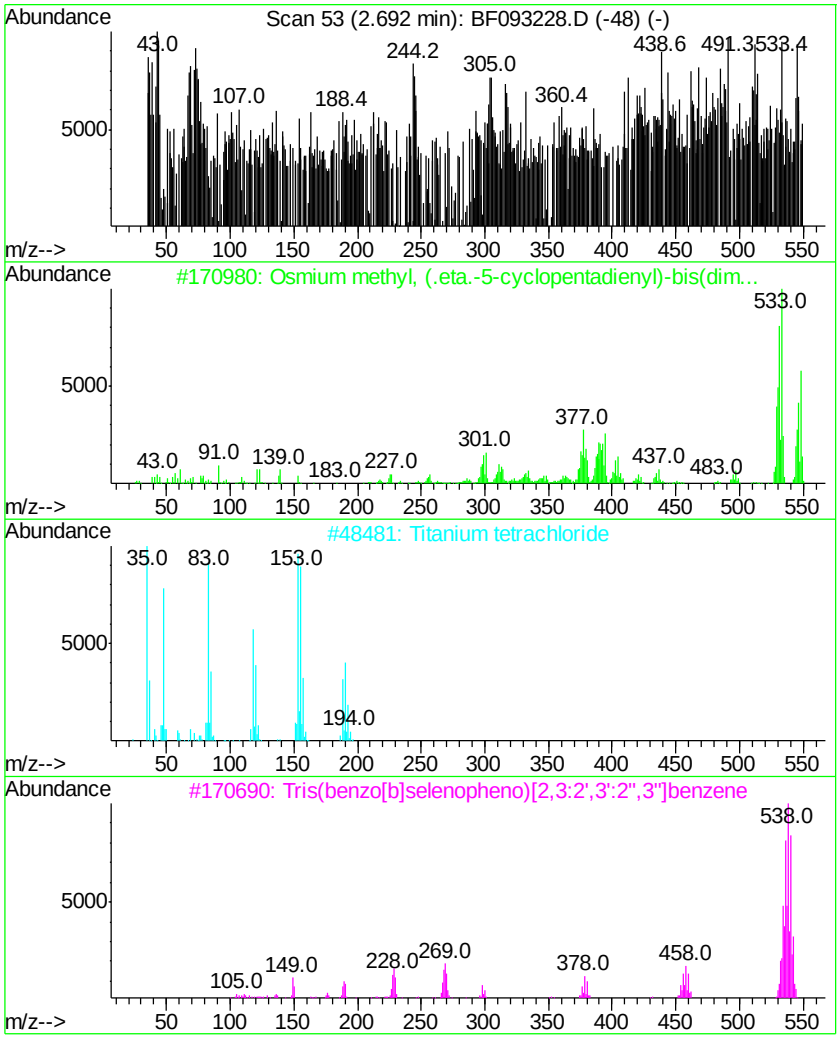
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

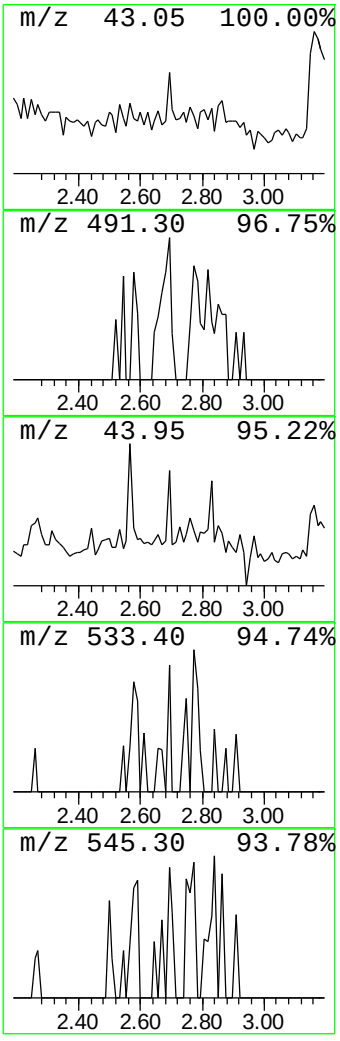
****

Peak Number 2 Osmium methyl, (.eta.-5-cyc... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.69	15.10 ng	741656	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Osmium methyl, (.eta.-5-cyclopen...	548	C22H30OsP2	1000158-92-4	56
2	Titanium tetrachloride	188	Cl4Ti	007550-45-0	18
3	Tris(benzo[b]selenopheno)[2,3:2'...	540	C24H12Se3	107210-82-2	18
4	2-(4-Dimethylamino-naphthyl-1)-1...	295	C18H21N3O	1000144-19-0	14
5	Bis(ethylthiothiocarbonyl)disulfide	274	C6H10S6	010219-97-3	10





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Data File : BF093228.D
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Operator : SJ/MA
Sample : I1997-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B-1E-NSW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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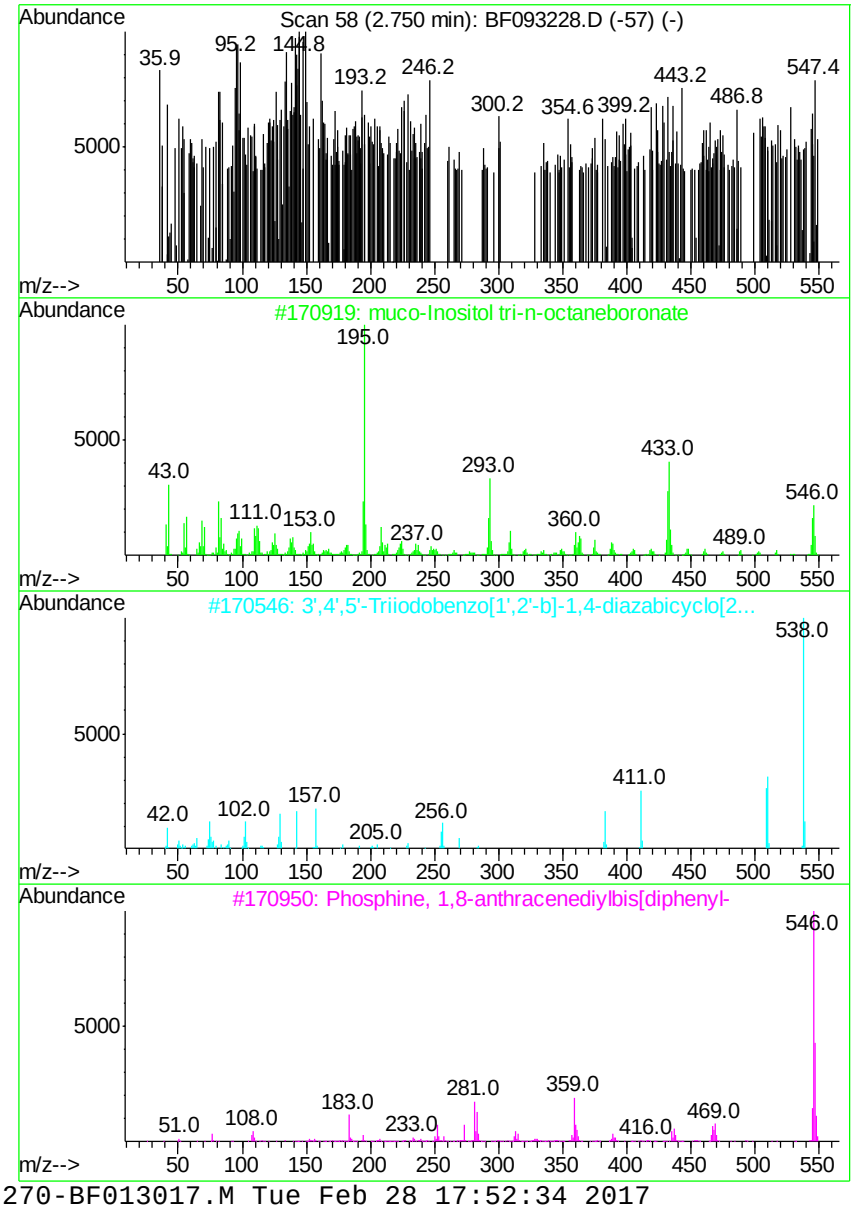
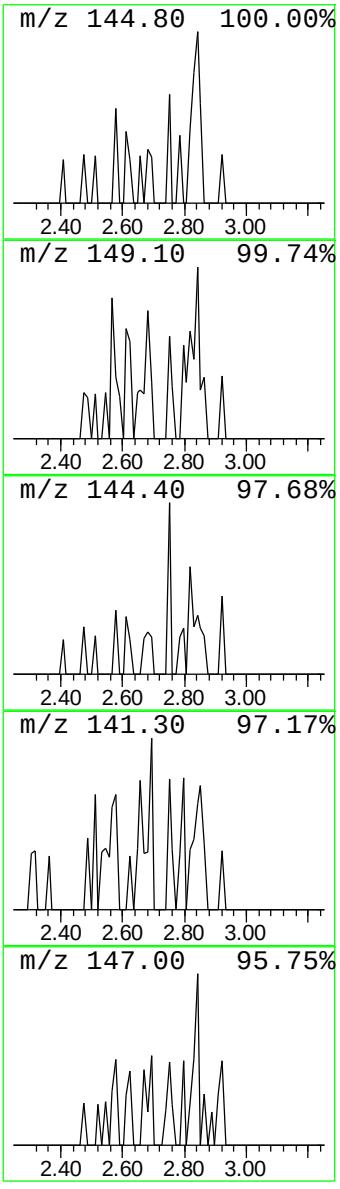
Peak Number 3 unknown2.75 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.75	5.83 ng	286444	1,4-Dichlorobenzene-d4	6.82

Hit# of 3	Tentative ID	MW	MolForm	CAS#	Qual
1	muco-Inositol tri-n-octaneboronate	546	C30H57B3O6	069822-60-2	9
2	3',4',5'-Triiodobenzo[1',2'-b]-1...	538	C10H9I3N2	108959-03-1	7
3	Phosphine, 1,8-anthracenediylbis...	546	C38H28P2	131276-25-0	1





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093228.D
Acq On : 28 Feb 2017 2:09
Operator : SJ/MA
Sample : I1997-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B-1E-NSW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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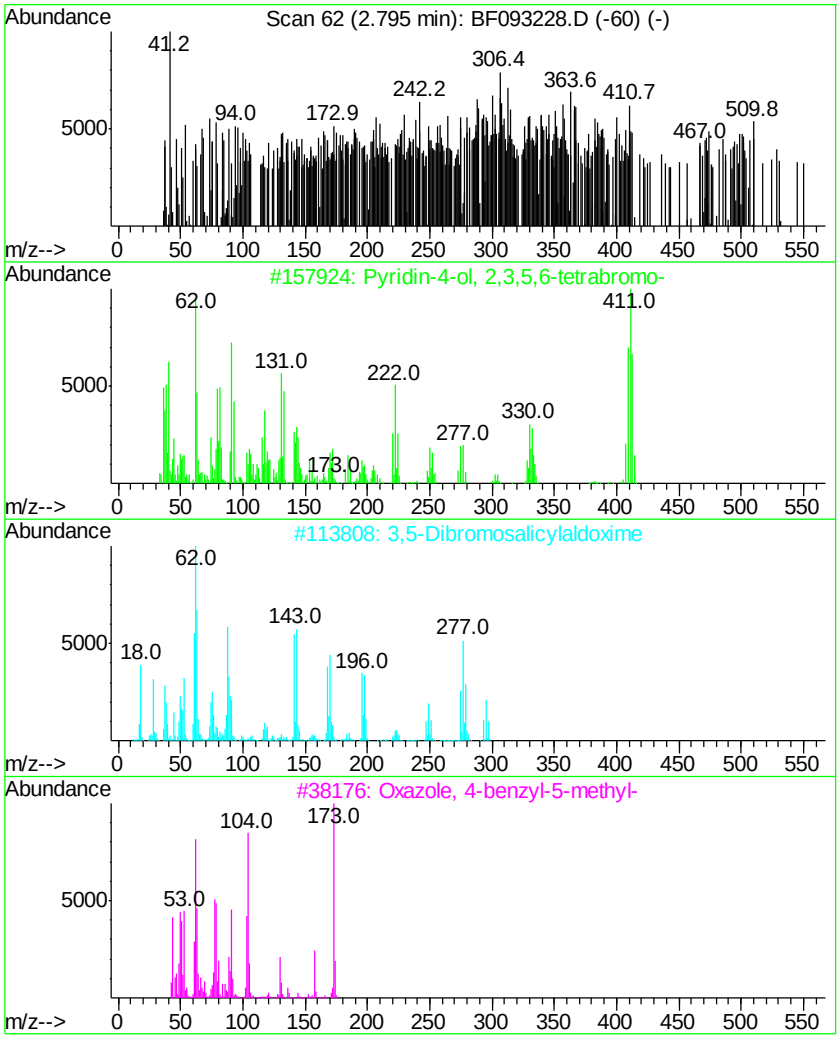
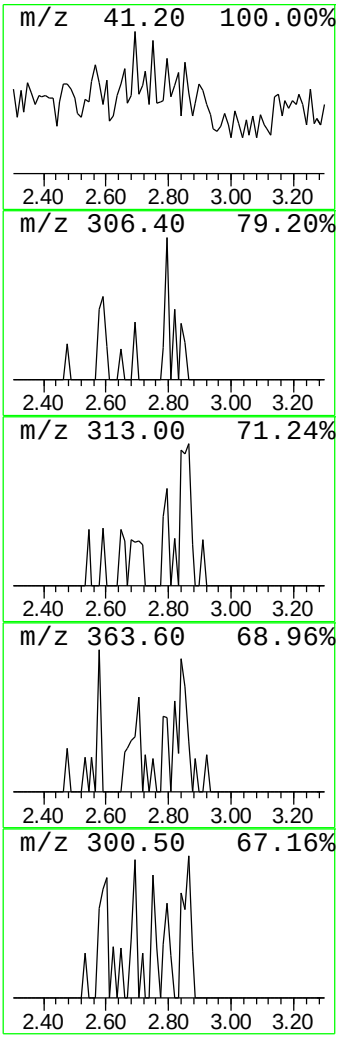
Peak Number 4 unknown2.80 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.80	6.31 ng	309720	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridin-4-ol, 2,3,5,6-tetrabromo-	407	C5HBr4NO	010163-34-5	38
2	3,5-Dibromosalicylaldoxime	293	C7H5Br2NO2	021386-43-6	30
3	Oxazole, 4-benzyl-5-methyl-	173	C11H11NO	103987-33-3	30
4	Phenol, 2,4,6-tribromo-	328	C6H3Br3O	000118-79-6	25
5	6-Iodo-2-[trichloromethyl]-4(3H)...	388	C9H4Cl3IN2O	1000254-65-3	12





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093228.D
Acq On : 28 Feb 2017 2:09
Operator : SJ/MA
Sample : I1997-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B-1E-NSW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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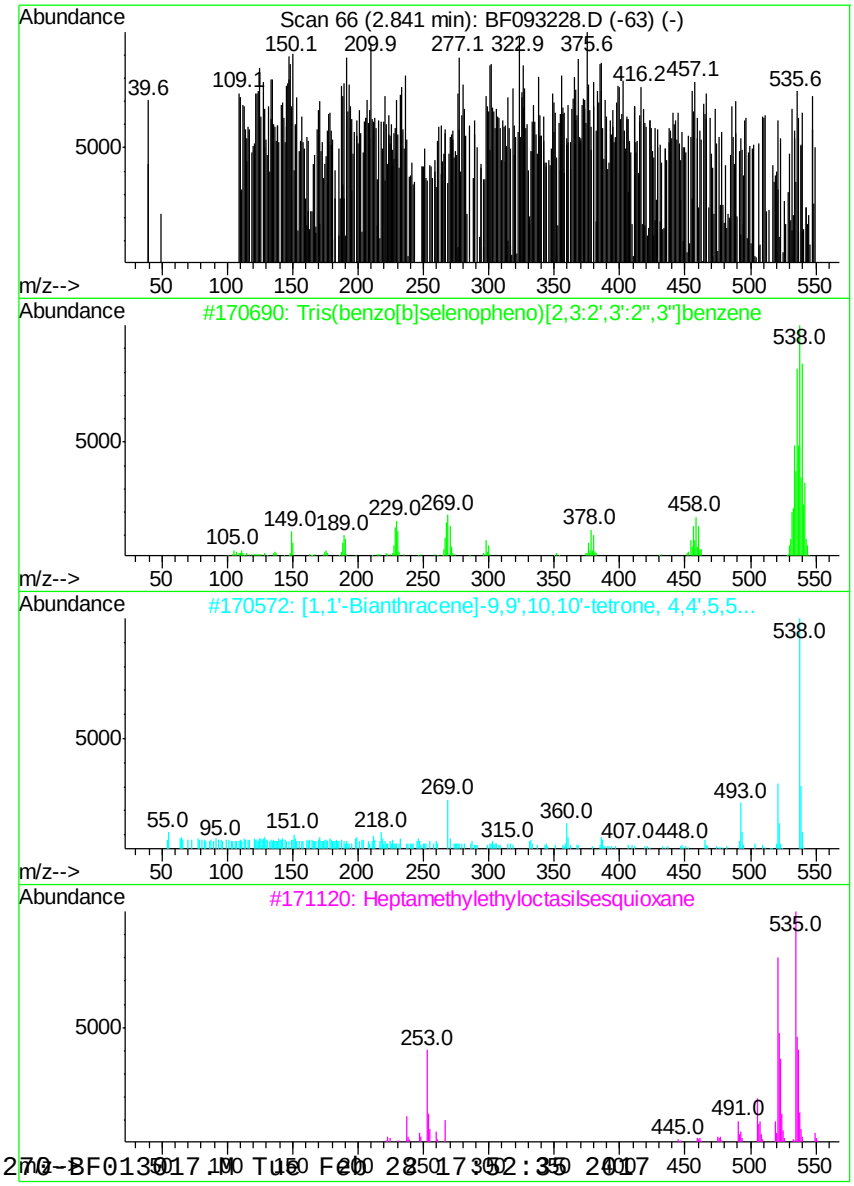
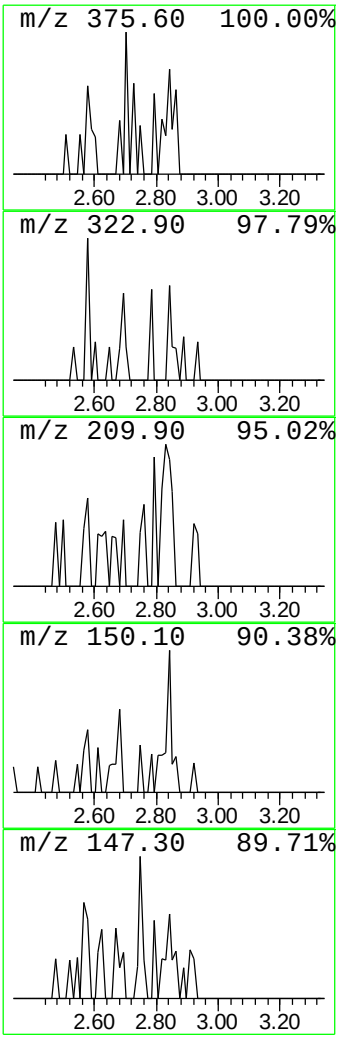
Peak Number 5 unknown2.84 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.84	20.33 ng	998628	1,4-Dichlorobenzene-d4	6.82

Hit# of 4	Tentative ID	MW	MolForm	CAS#	Qual
1	Tris(benzo[b]selenopheno)[2,3:2'...	540	C24H12Se3	107210-82-2	15
2	[1,1'-Bianthracene]-9,9',10,10'-...	538	C30H18O10	000568-42-3	7
3	Heptamethylethyloctasilsesquioxane	550	C9H26O12Si8	077626-17-6	7
4	Osmium hydride, (.eta.-5-cyclope...	534	C21H28OsP2	1000158-66-2	1





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093228.D
Acq On : 28 Feb 2017 2:09
Operator : SJ/MA
Sample : I1997-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B-1E-NSW-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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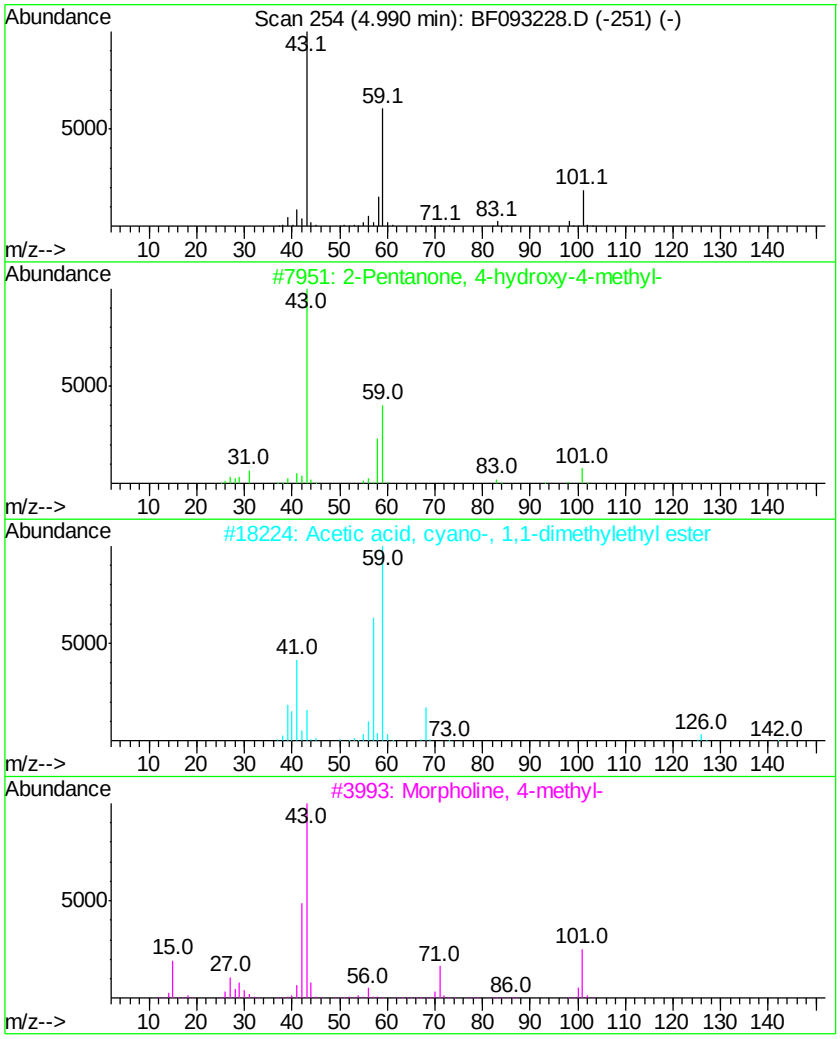
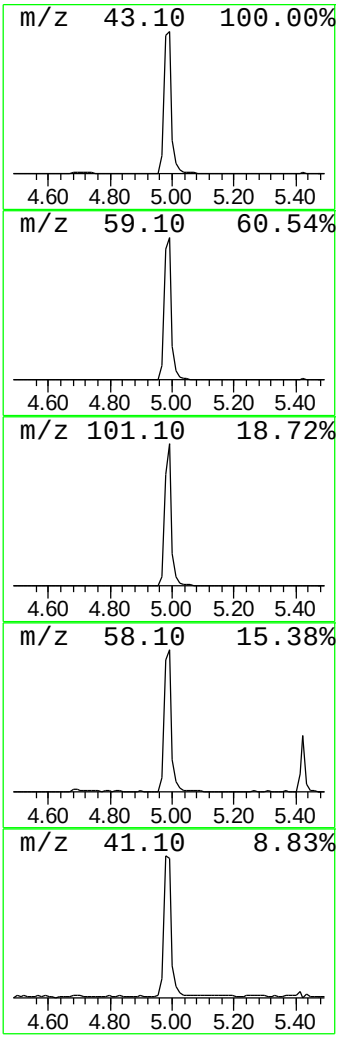
Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	32.57 ng	1599500	1,4-Dichlorobenzene-d4	6.82

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	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9





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Acq On : 28 Feb 2017 2:09
Operator : SJ/MA
Sample : I1997-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B-1E-NSW-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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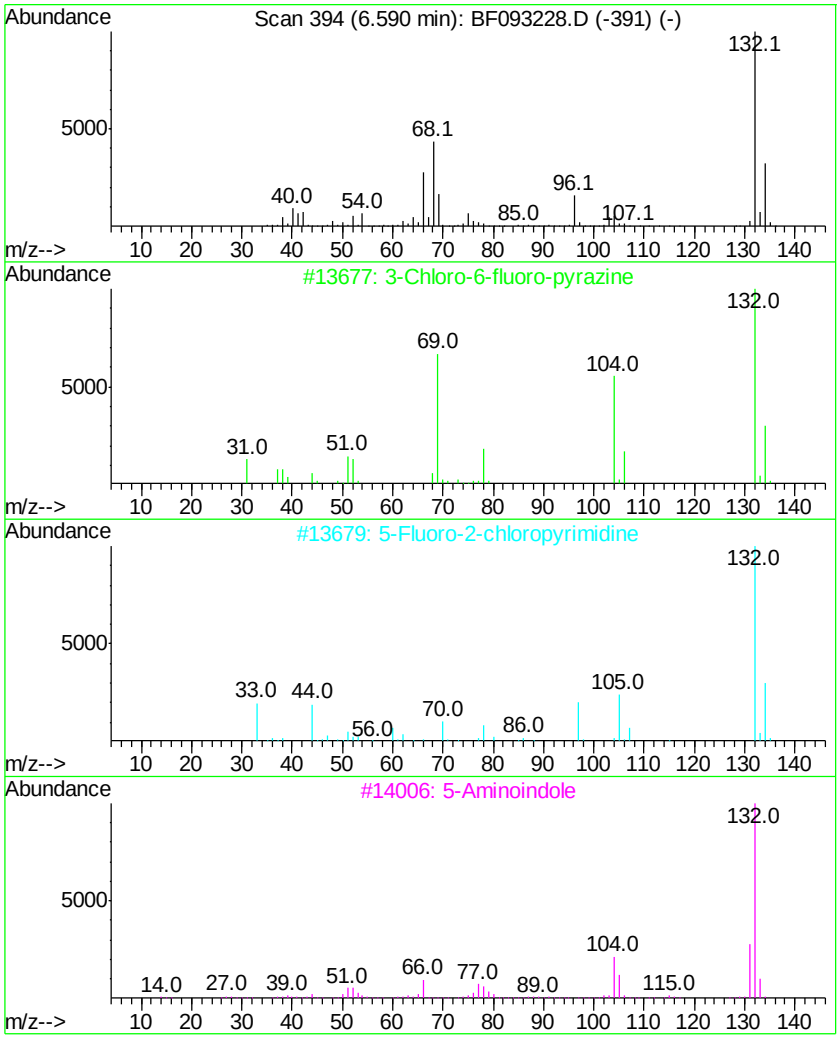
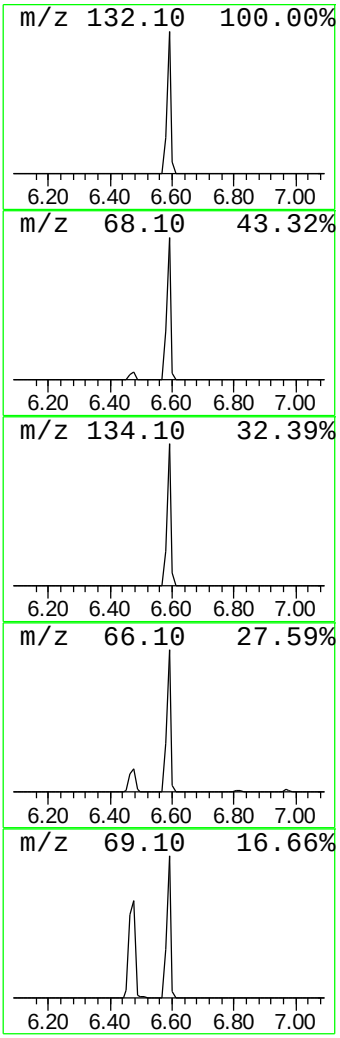
Peak Number 7 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	76.09 ng	3737340	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





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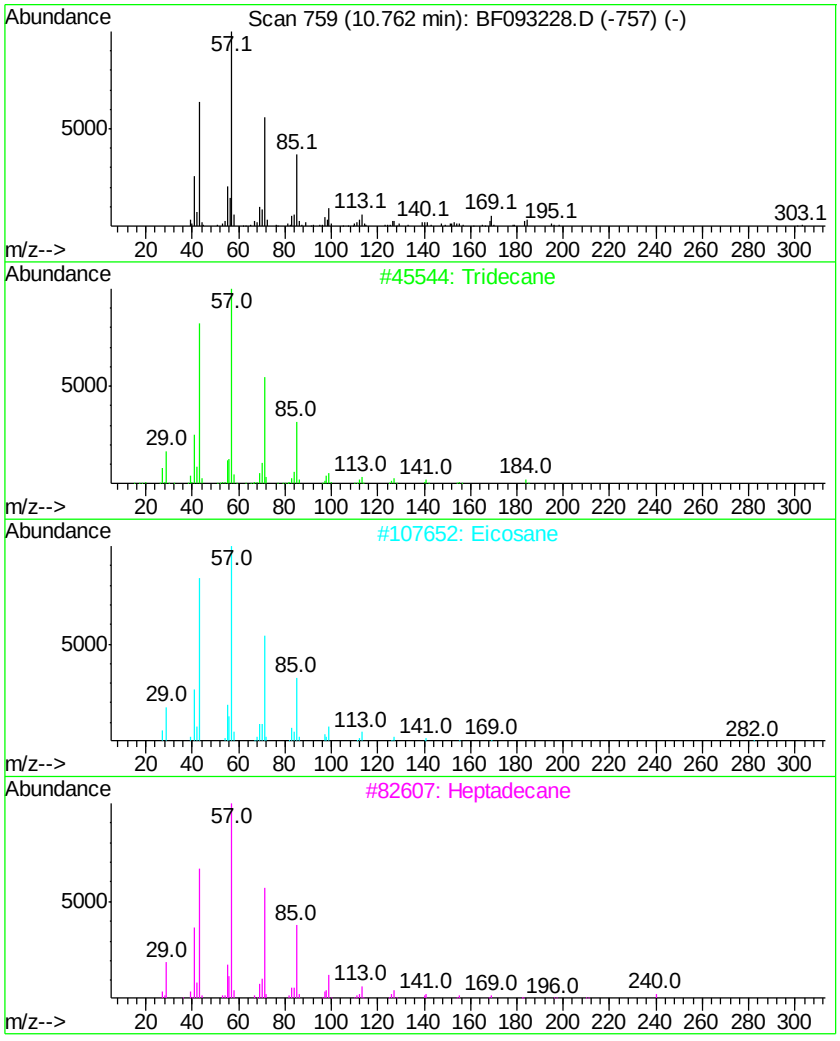
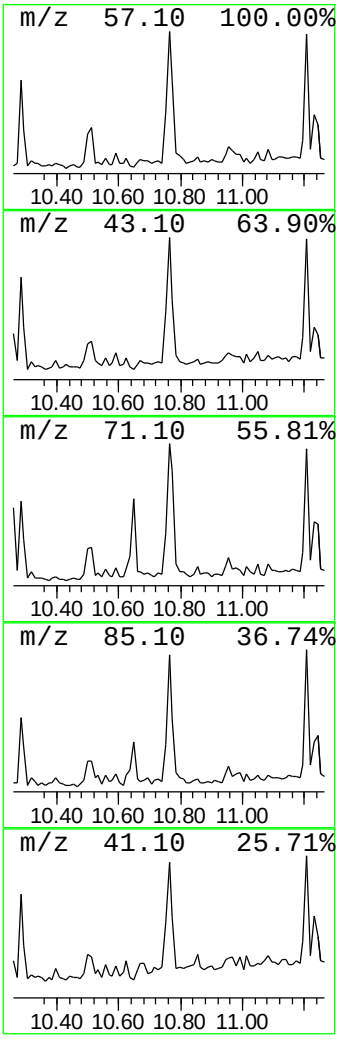
Peak Number 9 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	4.06 ng	277654	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Eicosane	282	C20H42	000112-95-8	90
3	Heptadecane	240	C17H36	000629-78-7	86
4	Dodecane	170	C12H26	000112-40-3	83
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	81





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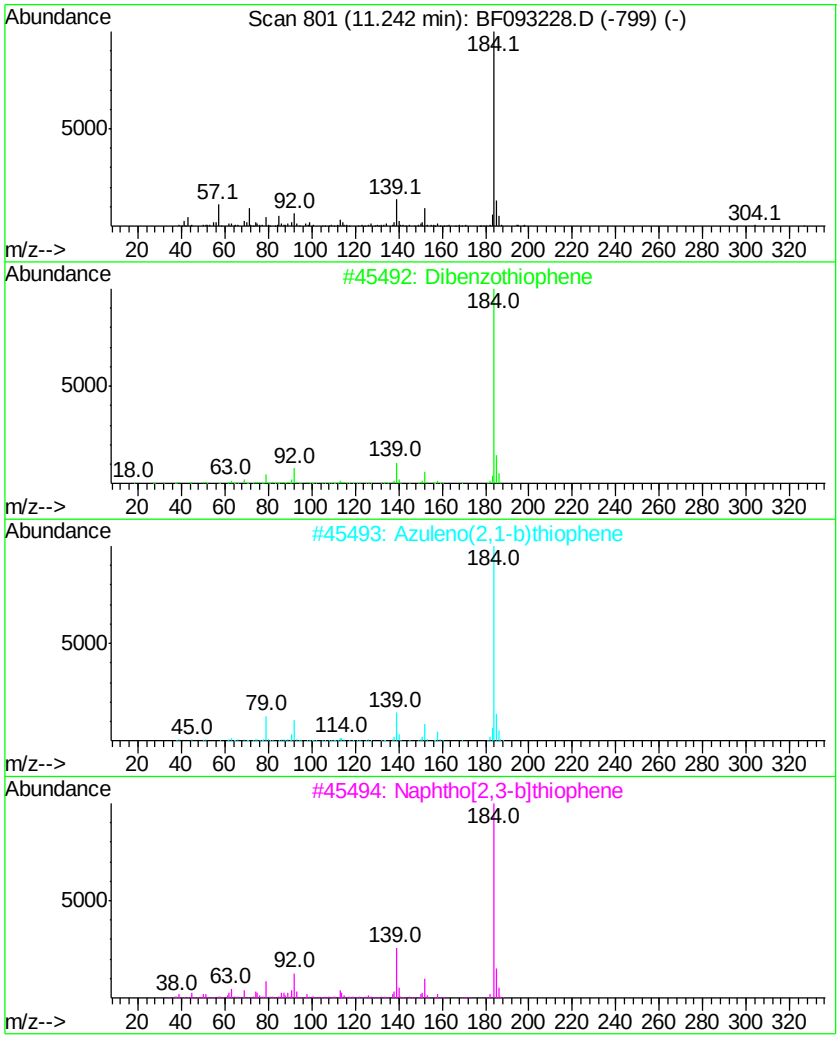
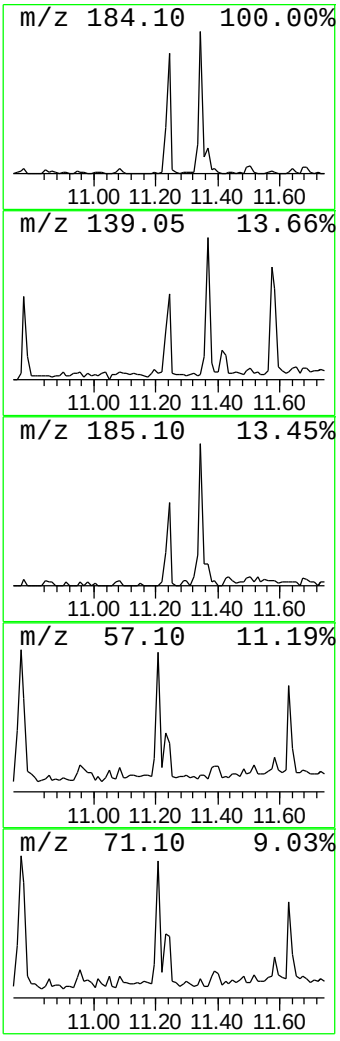
Peak Number 10 Dibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	3.06 ng	209686	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87
4	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	64
5	Thianthrene, 5-oxide	232	C12H8OS2	002362-50-7	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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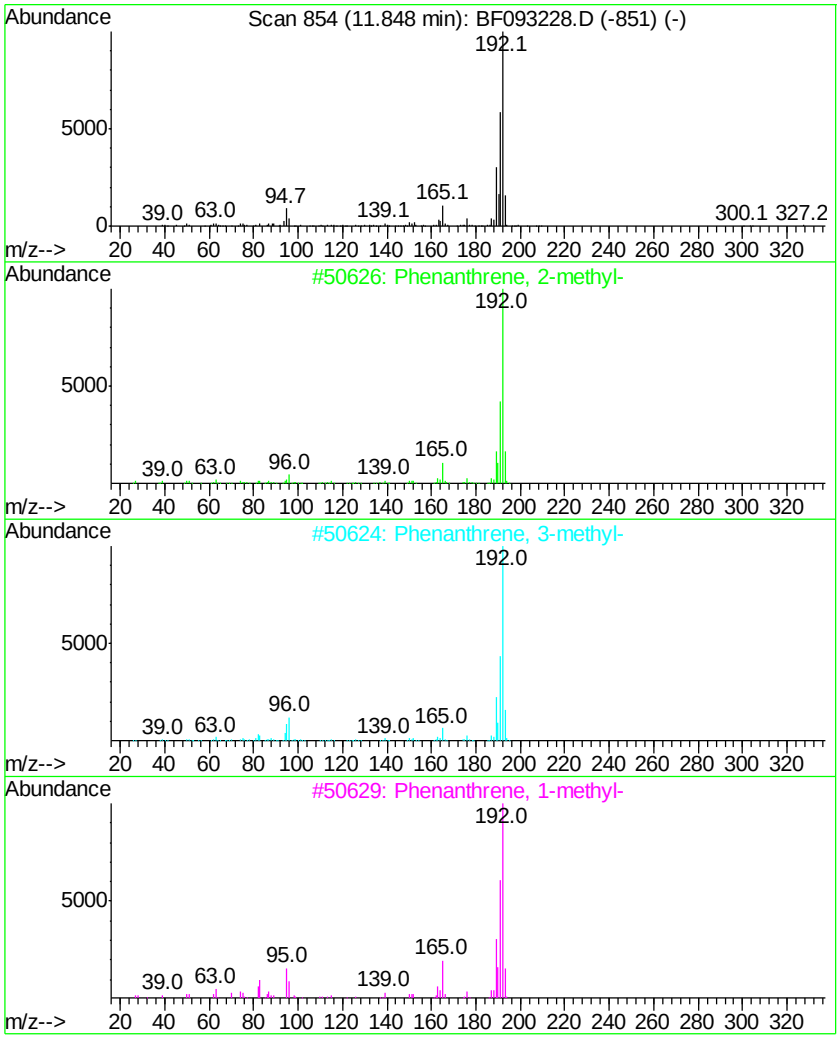
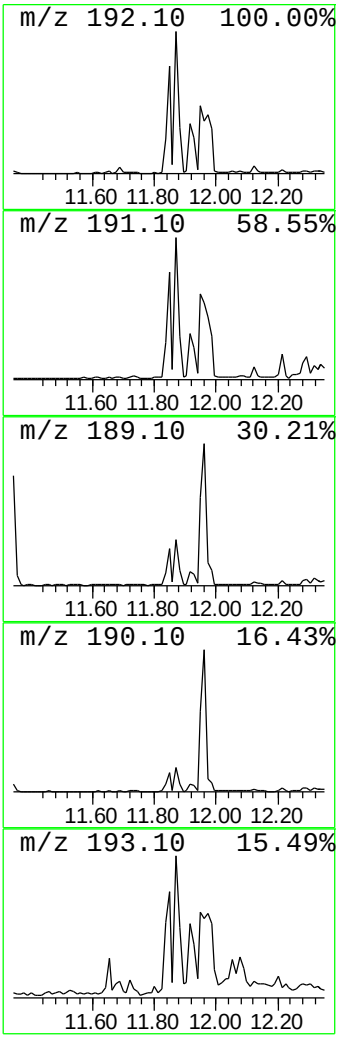
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	4.02 ng	274858	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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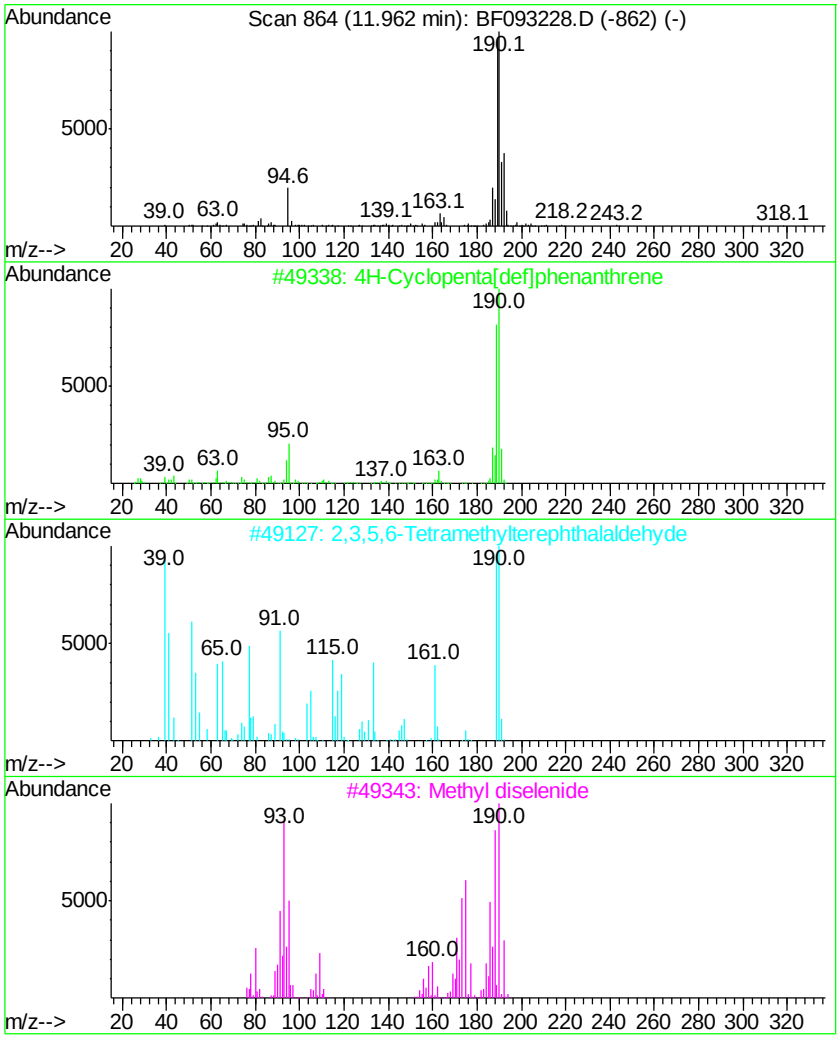
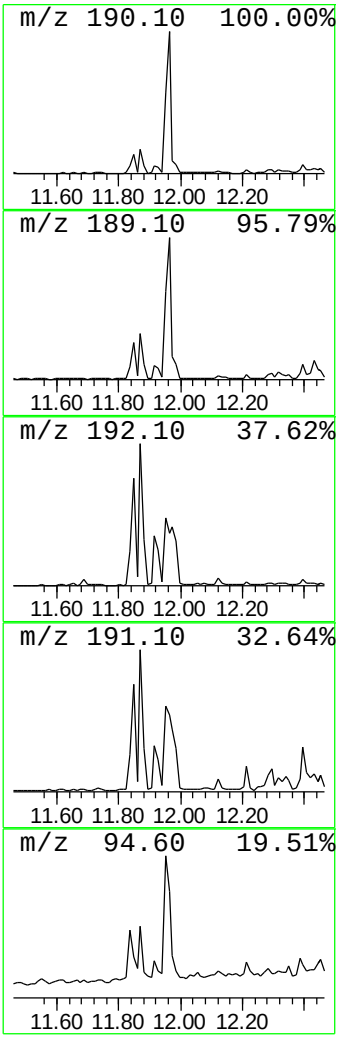
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	9.90 ng	677749	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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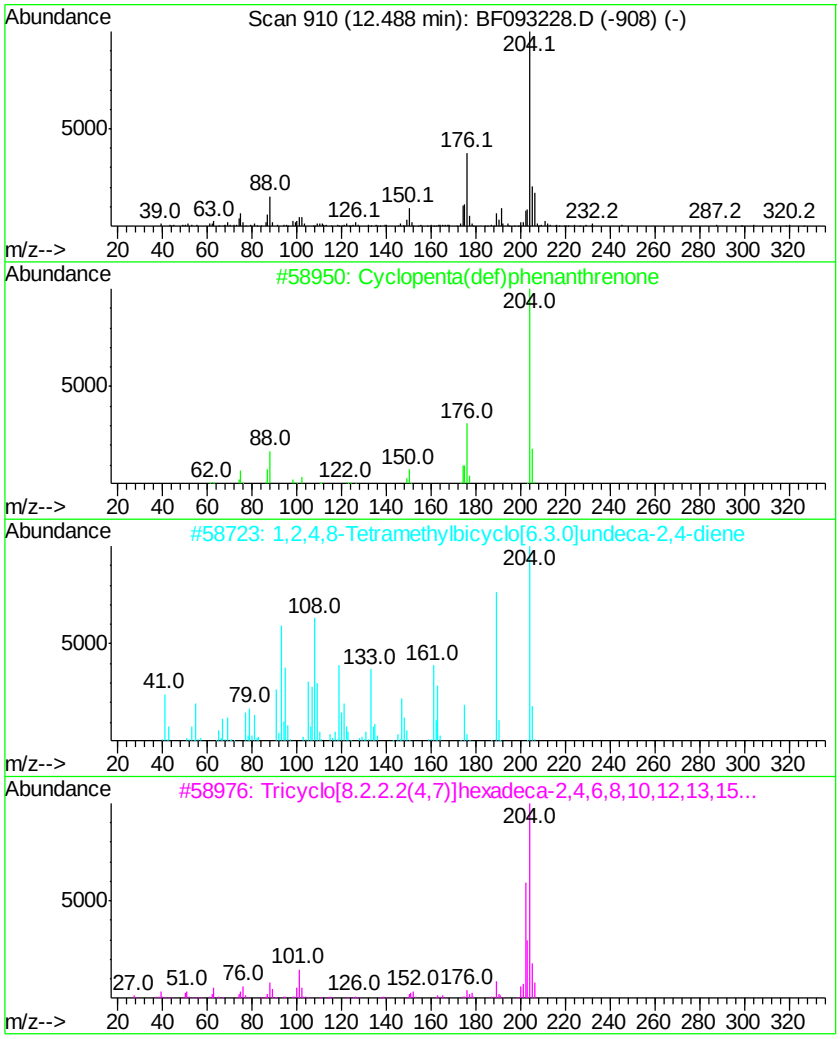
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	3.14 ng	215088	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	53
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50



m/z 204.10 100.00%

m/z 176.10 37.73%

m/z 205.10 20.49%

m/z 206.20 17.38%

m/z 88.05 15.34%

Library Search Compound Report

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

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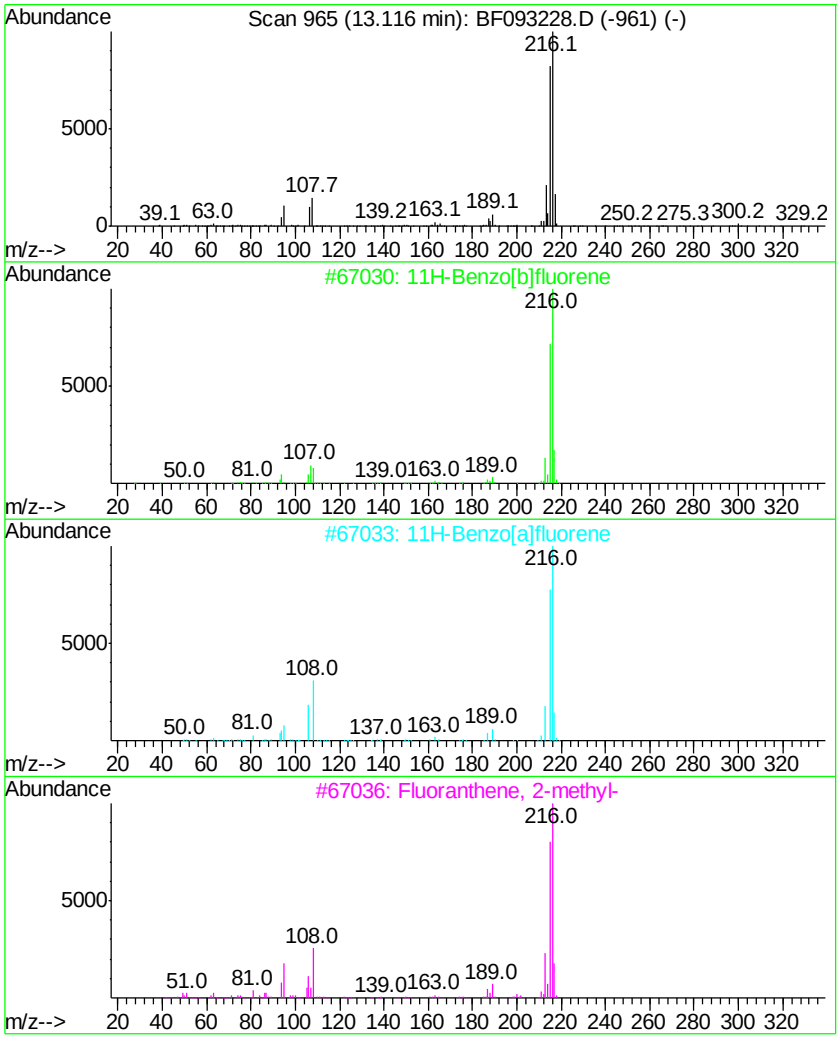
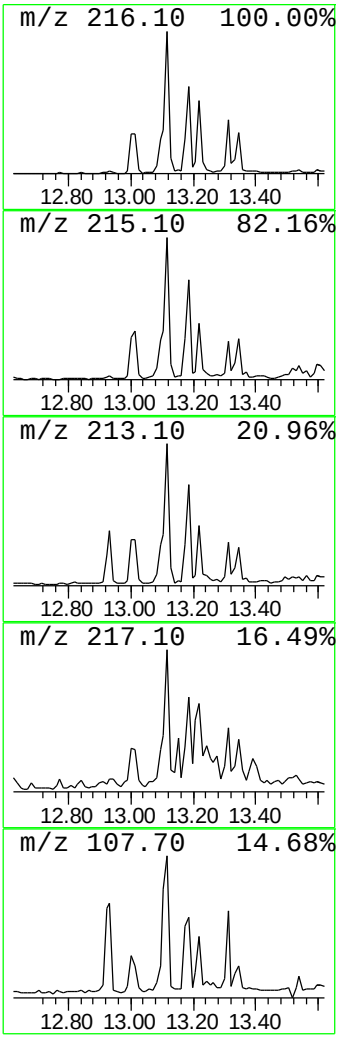
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	3.72 ng	686653	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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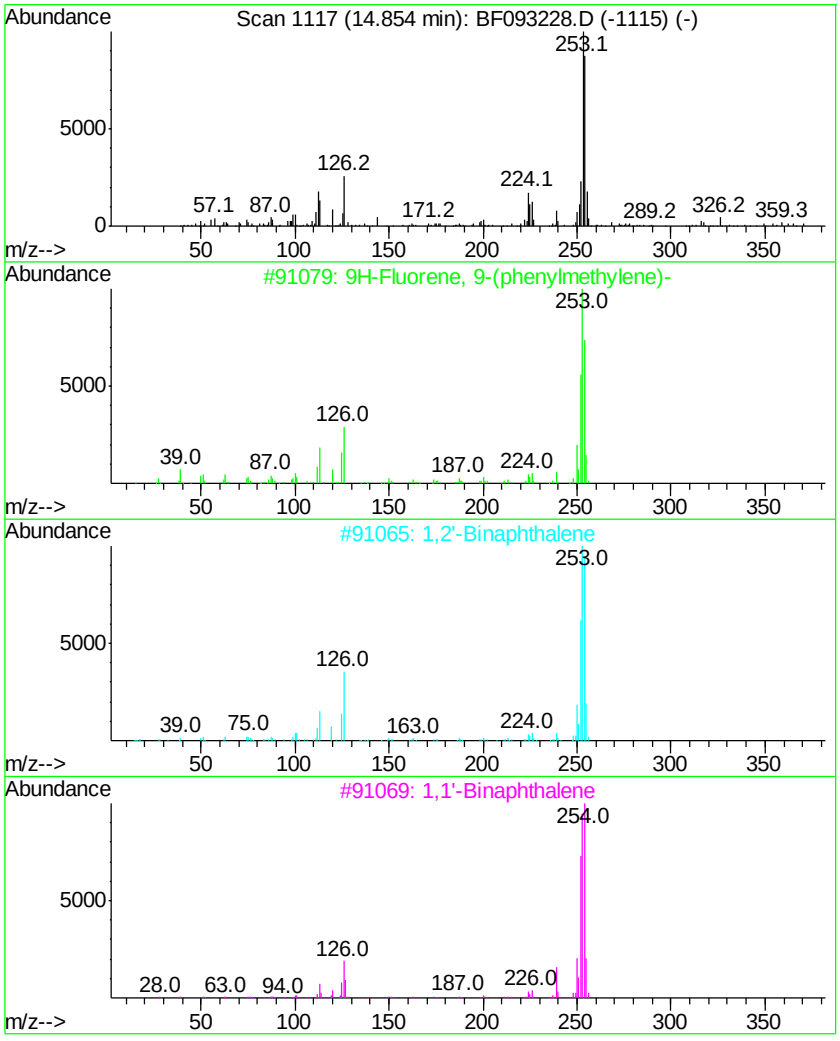
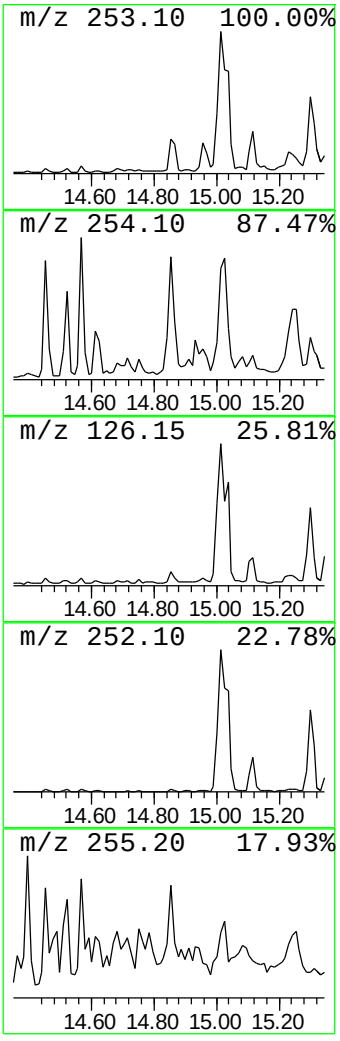
Peak Number 16 9H-Fluorene, 9-(phenylmethy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	5.35 ng	218158	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	91
2	1,2'-Binaphthalene	254	C20H14	004325-74-0	87
3	1,1'-Binaphthalene	254	C20H14	000604-53-5	83
4	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	83
5	Pyrido[2,3-g]indole, 5-methoxy-2...	254	C16H18N2O	201991-45-9	72





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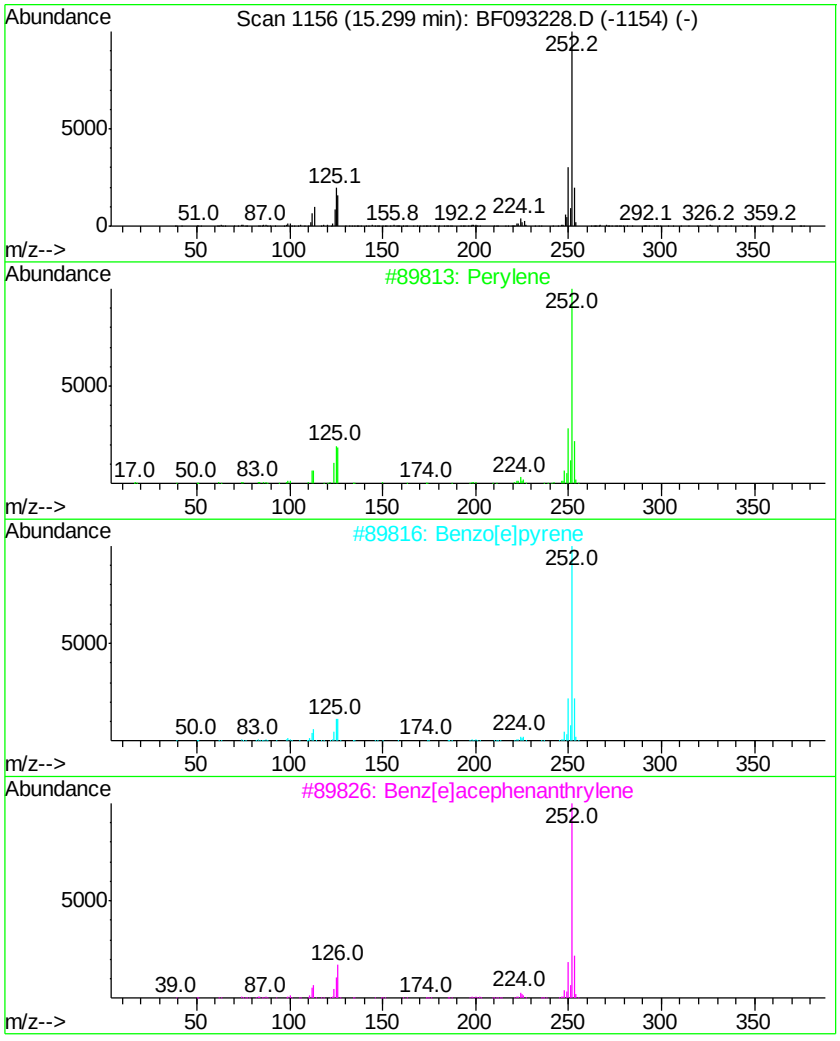
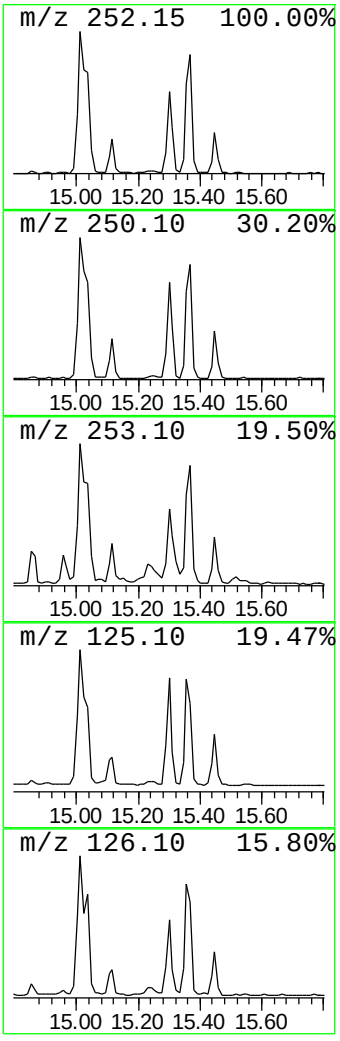
Peak Number 18 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	26.32 ng	1073420	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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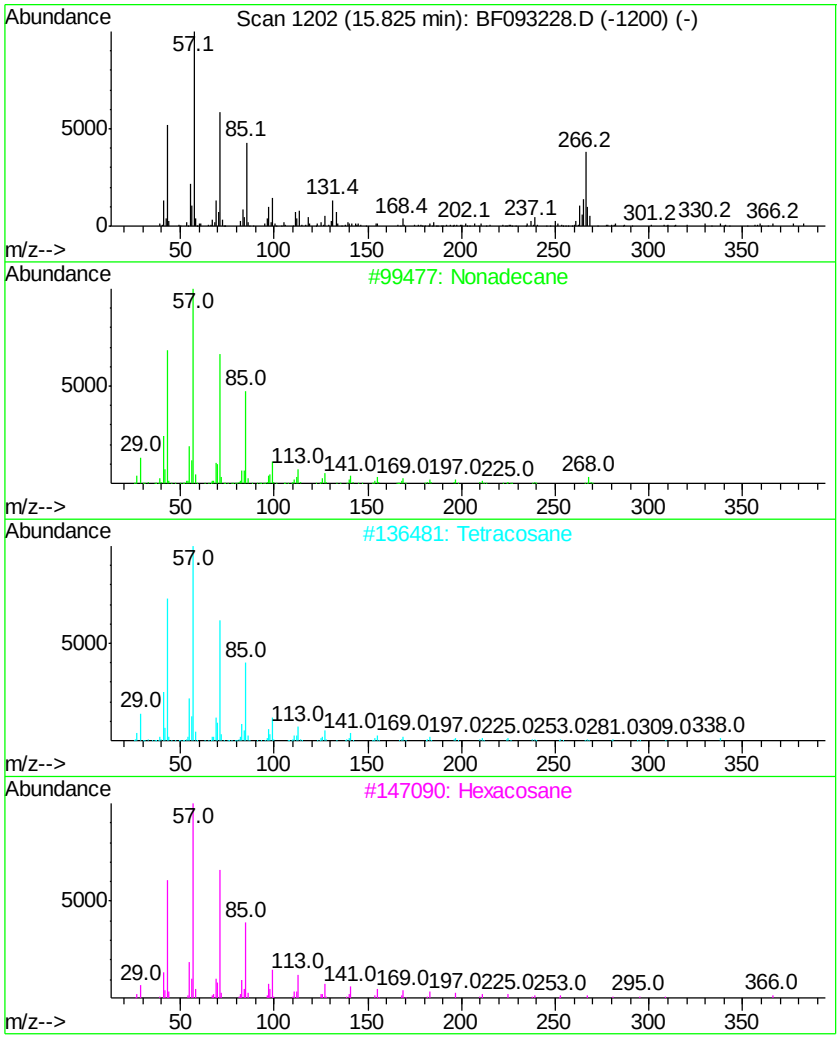
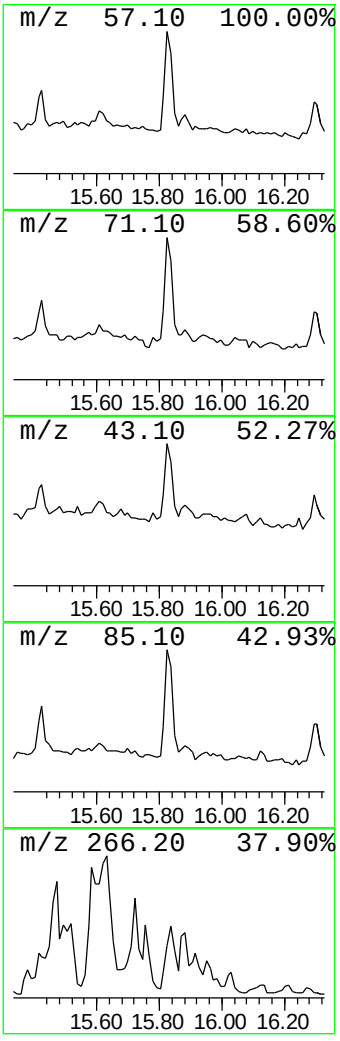
Peak Number 19 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	6.01 ng	244955	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	70
2	Tetracosane	338	C24H50	000646-31-1	64
3	Hexacosane	366	C26H54	000630-01-3	55
4	Docosane	310	C22H46	000629-97-0	50
5	Octadecane	254	C18H38	000593-45-3	50





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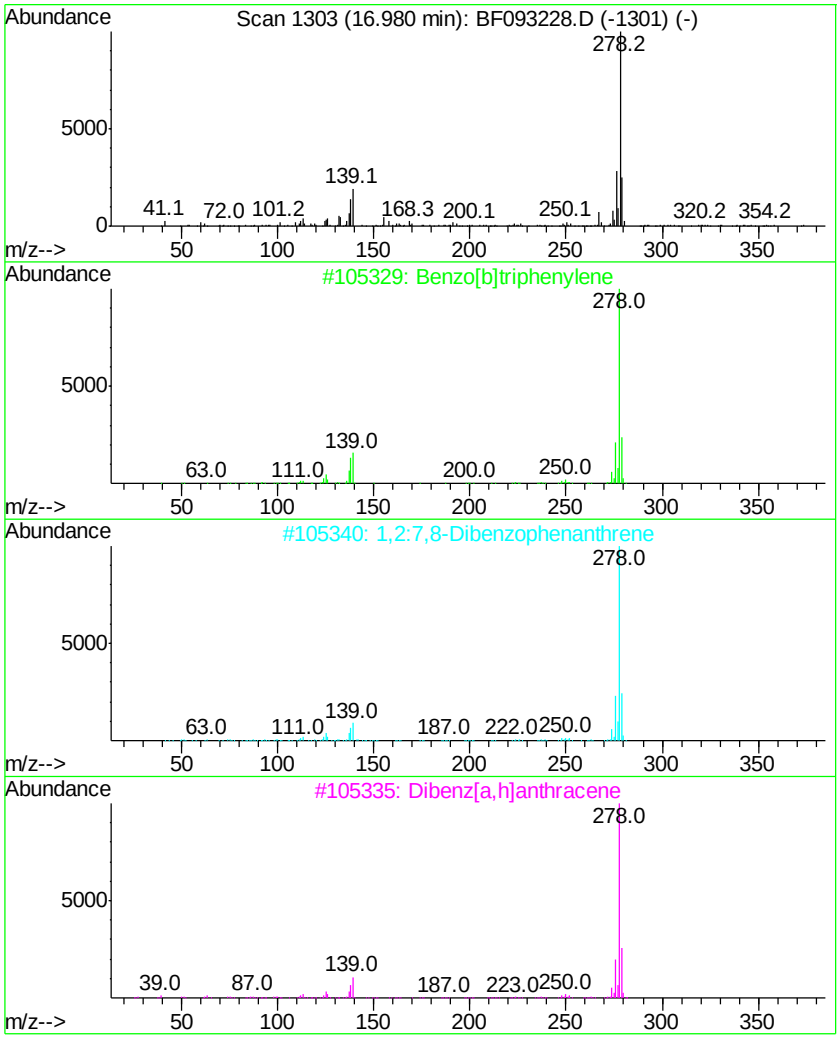
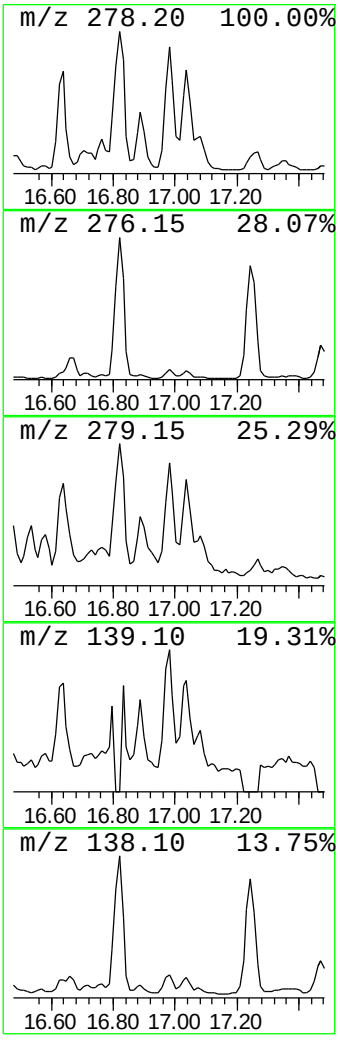
Peak Number 20 Benzo[b]triphenylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	3.53 ng	143929	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
2	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	96
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	96
4	Pentacene	278	C22H14	000135-48-8	93
5	Benzo[b]chrysene	278	C22H14	000214-17-5	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
Data File : BF093228.D
Acq On : 28 Feb 2017 2:09
Operator : SJ/MA
Sample : I1997-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B-1E-NSW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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
unknown2.58	2.58	12.4	ng	607943	1	6.82	982295	20.0
Osmium methyl, (....	2.69	15.1	ng	741656	1	6.82	982295	20.0
unknown2.75	2.75	5.8	ng	286444	1	6.82	982295	20.0
unknown2.80	2.80	6.3	ng	309720	1	6.82	982295	20.0
unknown2.84	2.84	20.3	ng	998628	1	6.82	982295	20.0
2-Pentanone, 4-hy...	4.99	32.6	ng	1599500	1	6.82	982295	20.0
unknown6.59	6.59	76.1	ng	3737340	1	6.82	982295	20.0
Tridecane	10.76	4.1	ng	277654	4	11.34	1369100	20.0
Dibenzothiophene	11.24	3.1	ng	209686	4	11.34	1369100	20.0
Phenanthrene, 2-m...	11.85	4.0	ng	274858	4	11.34	1369100	20.0
4H-Cyclopenta[def...	11.96	9.9	ng	677749	4	11.34	1369100	20.0
Cyclopenta(def)ph...	12.49	3.1	ng	215088	4	11.34	1369100	20.0
11H-Benzo[b]fluorene	13.12	3.7	ng	686653	5	13.98	3692040	20.0
9H-Fluorene, 9-(p...	14.85	5.3	ng	218158	6	15.43	815612	20.0
Perylene	15.30	26.3	ng	1073420	6	15.43	815612	20.0
Nonadecane	15.83	6.0	ng	244955	6	15.43	815612	20.0
Benzo[b]triphenylene	16.98	3.5	ng	143929	6	15.43	815612	20.0