Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100617\
Data File : BM011956.D
Acq On : 07 Oct 2017 00:54
Operator : SJ/JU
Sample : I5462-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 07 06:37:07 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 05:58:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	301914	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1193612	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	635834	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	1256417	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	1349526	20.00	ng/ul	0.00
83) Perylene-d12	23.74	264	1491761	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	17950	2.81	ng/uL	0.00
5) Phenol-d5	7.02	99	362309	13.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	231578	15.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	325144	15.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	316171	14.08	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	150943	17.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	167621	17.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.28	165	323365	16.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	238482	11.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	992364	18.01	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1190164	18.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	85213	8.85	ng/ul	0.00
57) Fluorene-d10	15.49	176	805152	16.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	104215	12.33	ng/ul	0.00
70) Anthracene-d10	17.34	188	1162759	18.78	ng/ul	0.00
76) Pyrene-d10	19.63	212	1272577	20.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	1349619	18.81	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.05	94	25827	1.005	ng/ul#	86
44) Dimethylphthalate	13.95	163	254845	4.807	ng/ul	99
47) Acenaphthylene	14.22	152	139993	2.230	ng/ul	97
49) Acenaphthene	14.56	153	85354	1.964	ng/ul	95
53) Dibenzofuran	14.90	168	70339	1.115	ng/ul	98
58) Fluorene	15.54	166	56729	1.077	ng/ul	99
69) Phenanthrene	17.29	178	1902264	27.525	ng/ul	99
71) Anthracene	17.38	178	162700	2.314	ng/ul	98
72) Carbazole	17.64	167	296460	4.867	ng/ul	99
74) Fluoranthene	19.30	202	5288788	62.720	ng/ul#	91
77) Pyrene	19.66	202	4517853	60.377	ng/ul#	89
80) Benzo(a)anthracene	21.40	228	2013576	26.045	ng/ul	96
82) Chrysene	21.46	228	3192768	43.465	ng/ul	97
85) Benzo(b)fluoranthene	23.04	252	5083551	56.064	ng/ul#	98
86) Benzo(k)fluoranthene	23.04	252	5083551	56.156	ng/ul#	96
88) Benzo(a)pyrene	23.64	252	3100835	35.590	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.12	276	2784448	29.864	ng/ul#	95
90) Dibenzo(a,h)anthracene	26.12	278	668809	8.730	ng/ul#	90
91) Benzo(g,h,i)perylene	26.85	276	2518233	32.651	ng/ul#	92

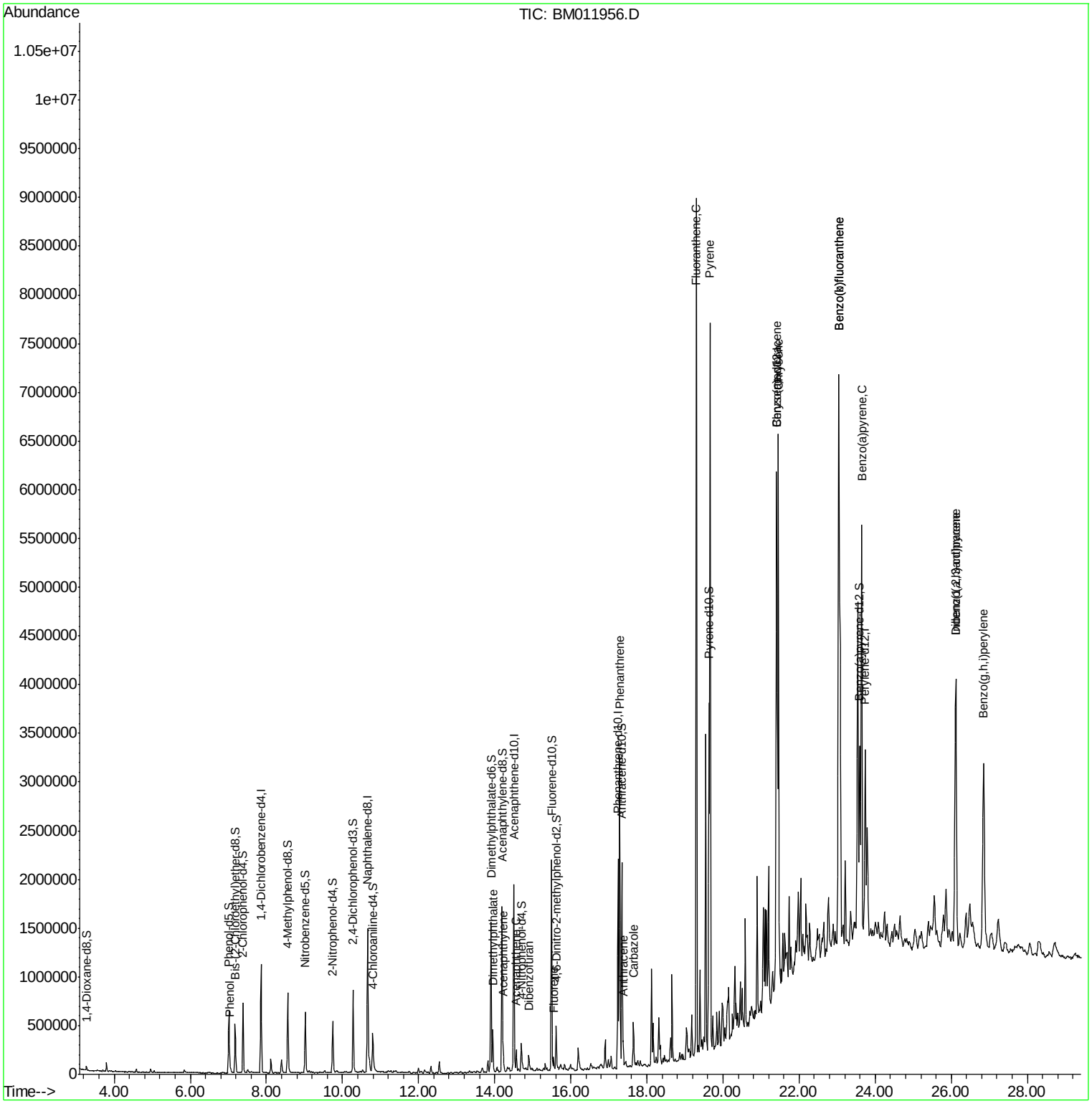
(#) = qualifier out of range (m) = manual integration (+) = signals summed

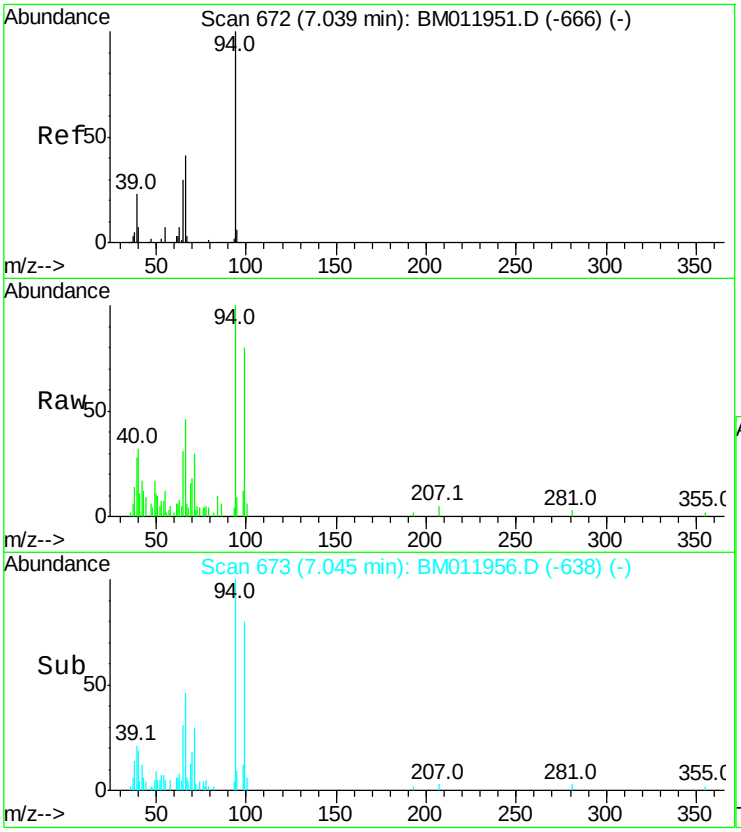
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100617\
Data File : BM011956.D
Acq On : 07 Oct 2017 00:54
Operator : SJ/JU
Sample : I5462-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 07 06:37:07 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 05:58:48 2017
Response via : Initial Calibration



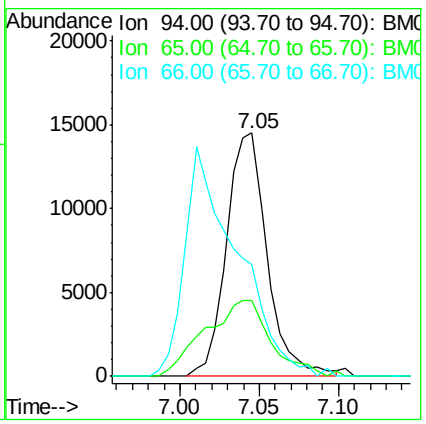


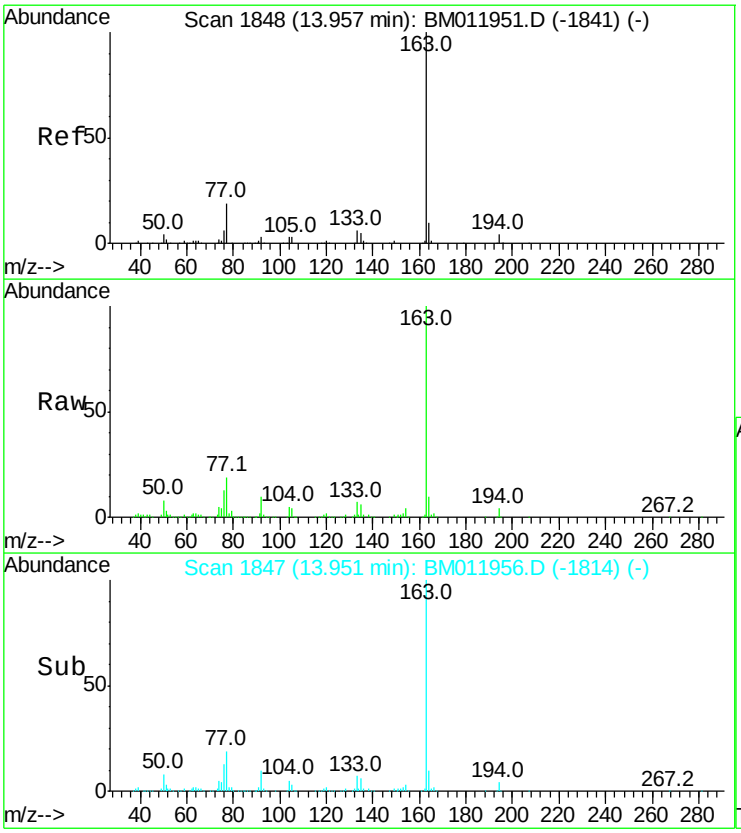
#6
Phenol
Concen: 1.005 ng/ul
RT: 7.05 min Scan# 673
Delta R.T. 0.01 min
Lab File: BM011956.D
Acq: 07 Oct 2017 00:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 25827

Ion	Ratio	Lower	Upper
94	100		
65	31.2	28.2	42.4
66	45.8	47.2	70.8#

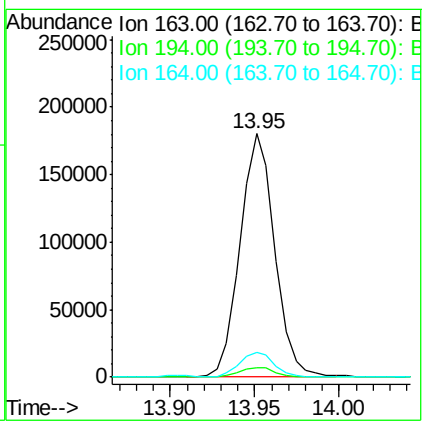


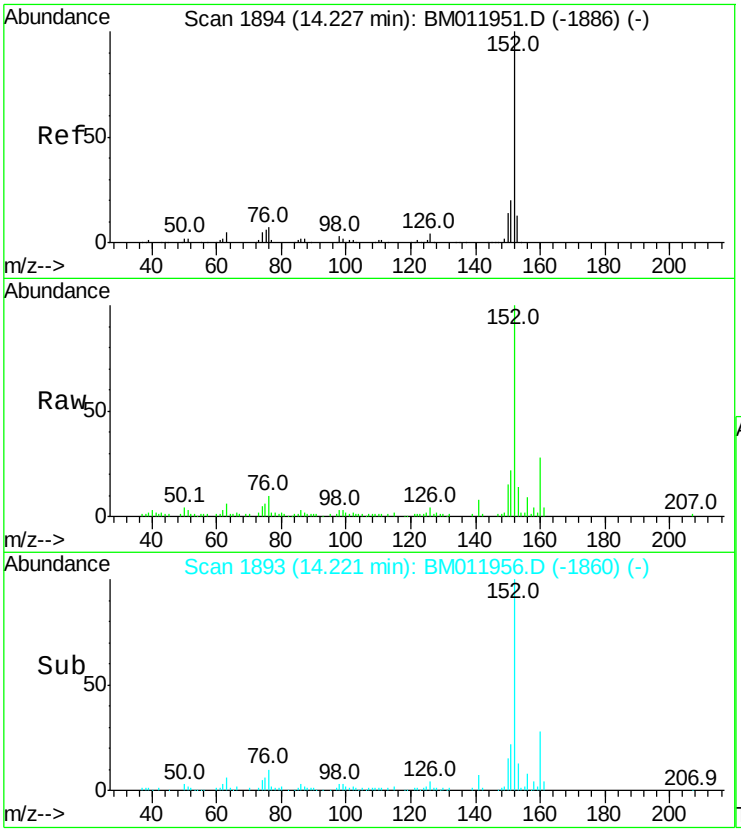


#44
Dimethylphthalate
Concen: 4.807 ng/ul
RT: 13.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM011956.D
Acq: 07 Oct 2017 00:54

Tgt Ion:163 Resp: 254845

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	10.1	8.2	12.4



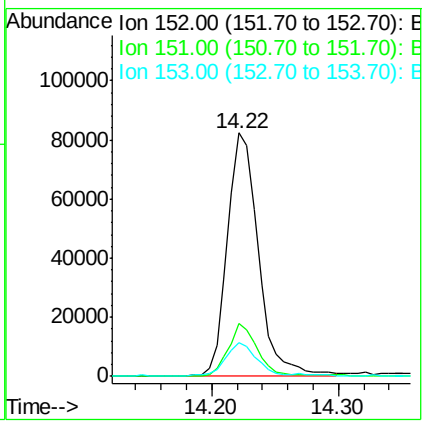


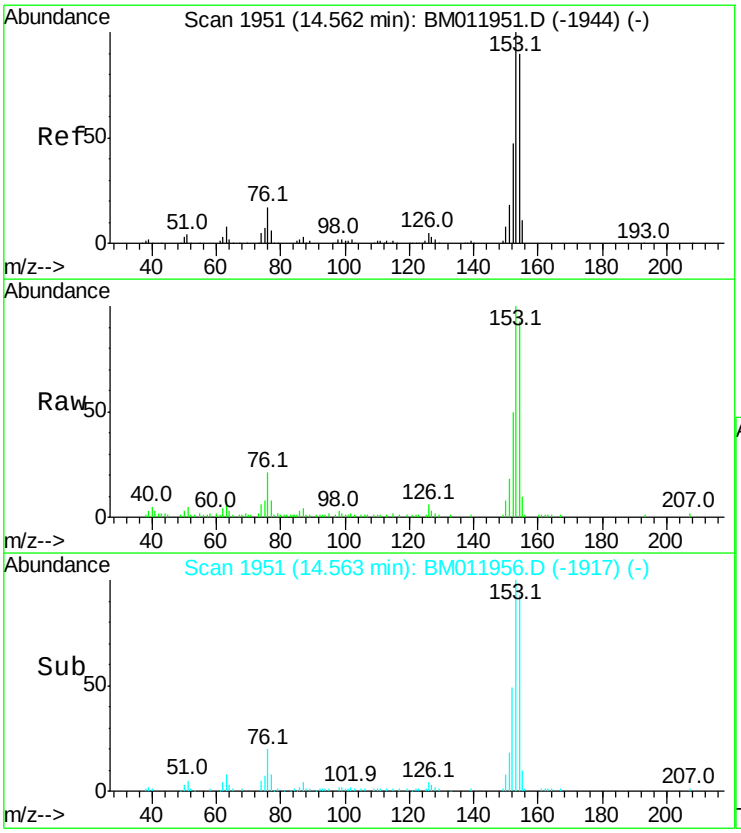
#47
Acenaphthylene
Concen: 2.230 ng/ul
RT: 14.22 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BM011956.D
Acq: 07 Oct 2017 00:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 139993

Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.3	24.5
153	13.9	10.2	15.4

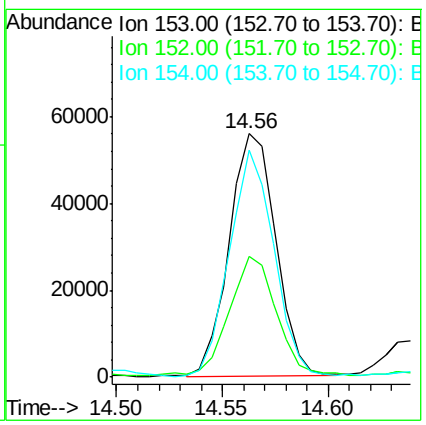


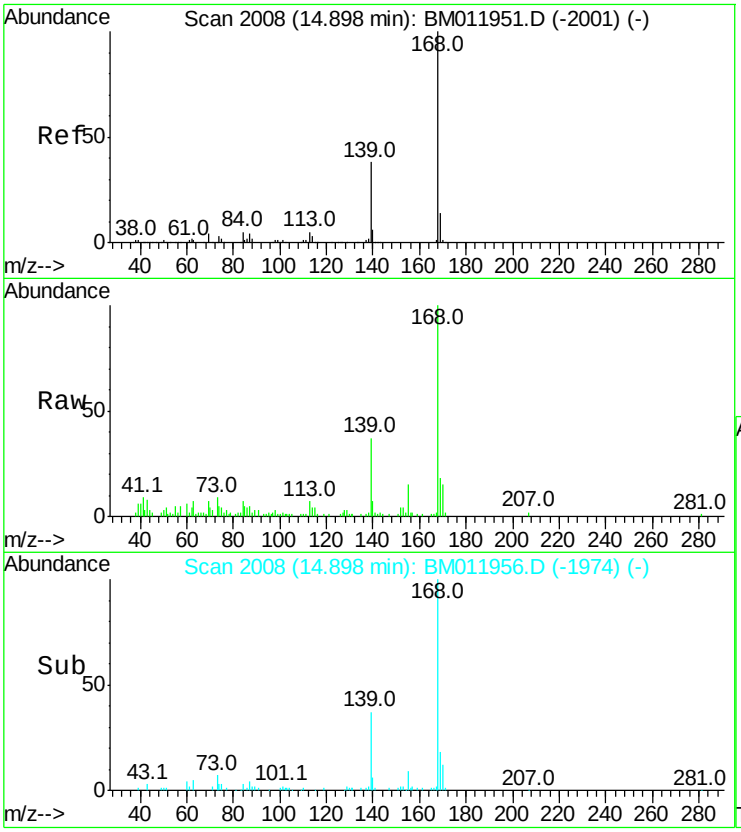


#49
Acenaphthene
Concen: 1.964 ng/ul
RT: 14.56 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BM011956.D
Acq: 07 Oct 2017 00:54

Tgt Ion:153 Resp: 85354

Ion	Ratio	Lower	Upper
153	100		
152	49.5	37.6	56.4
154	93.0	70.4	105.6



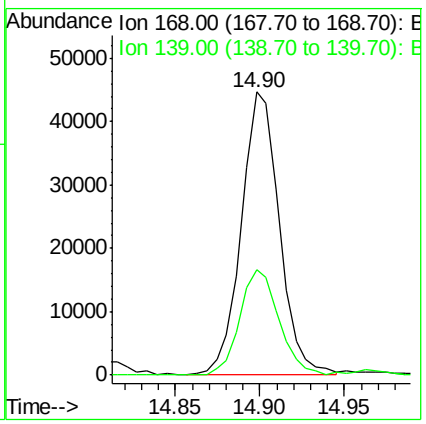


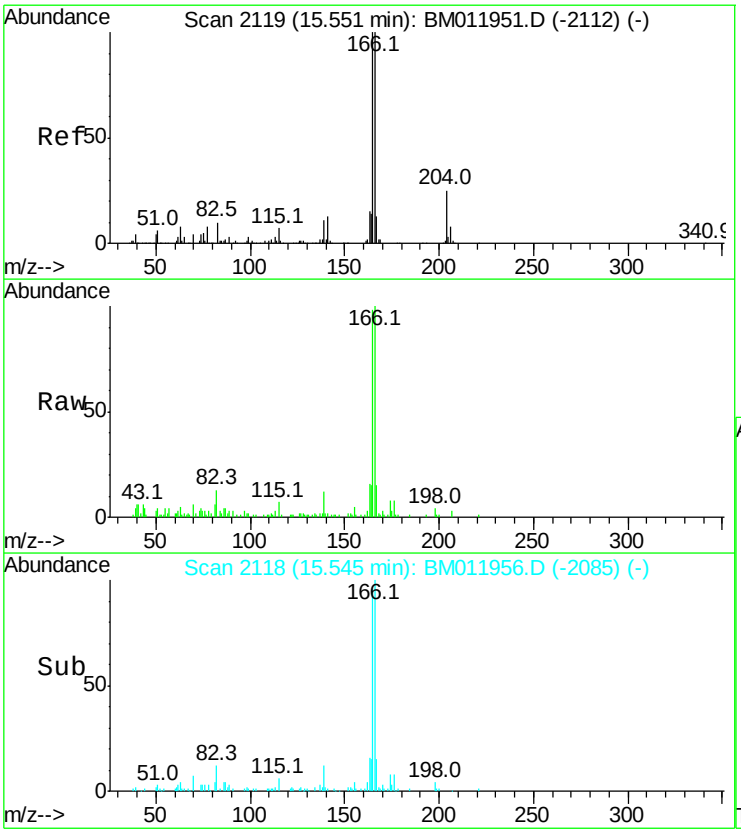
#53
Dibenzofuran
Concen: 1.115 ng/ul
RT: 14.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BM011956.D
Acq: 07 Oct 2017 00:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 70339

Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.8	46.2

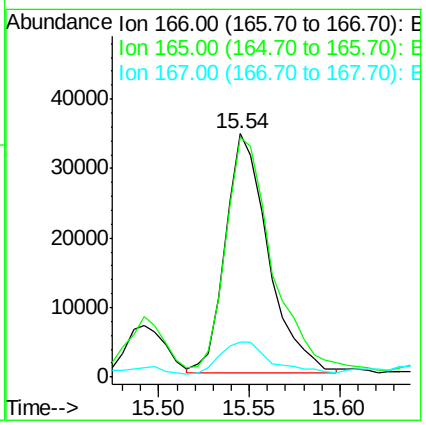


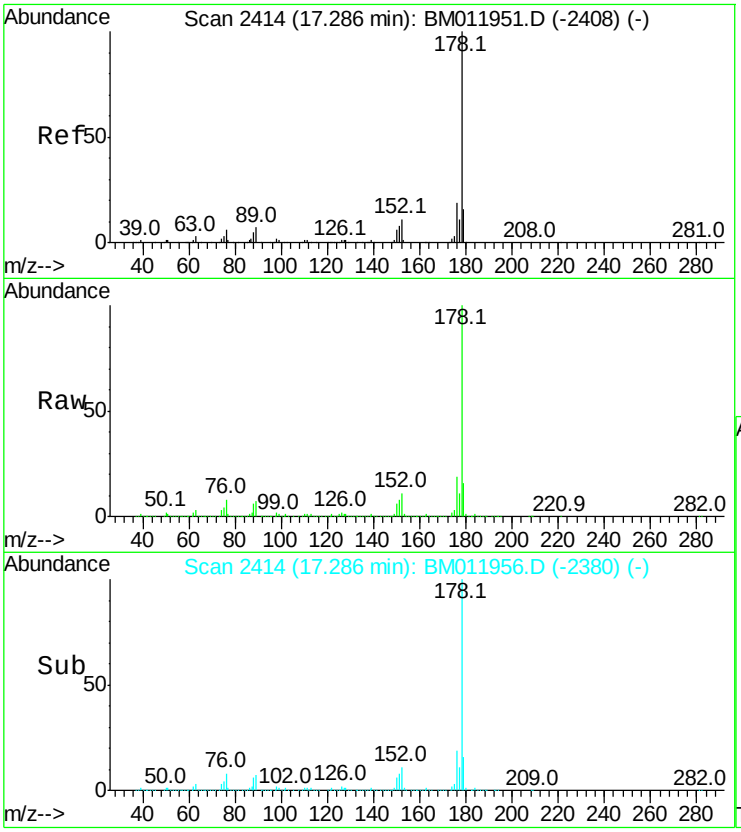


#58
Fluorene
Concen: 1.077 ng/ul
RT: 15.54 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BM011956.D
Acq: 07 Oct 2017 00:54

Tgt Ion:166 Resp: 56729

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.9	116.9
167	14.6	10.6	16.0



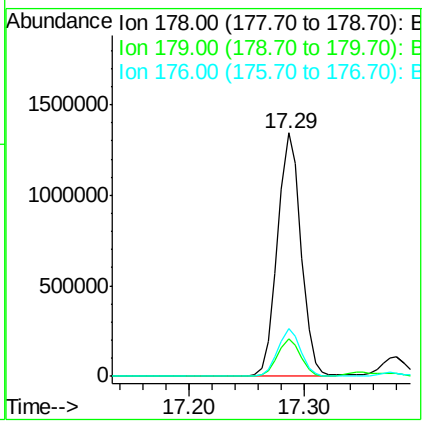


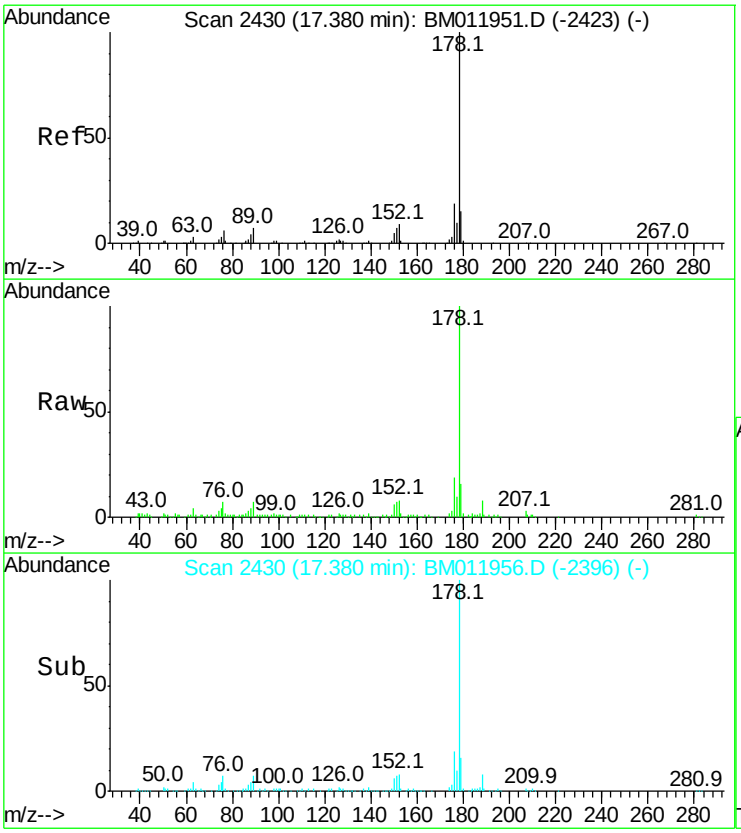
#69
Phenanthrene
Concen: 27.525 ng/ul
RT: 17.29 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BM011956.D
Acq: 07 Oct 2017 00:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1902264

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	19.4	14.9	22.3

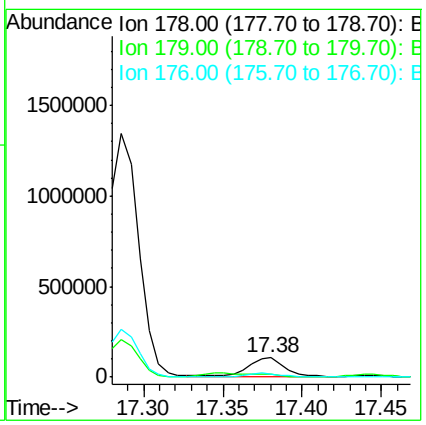


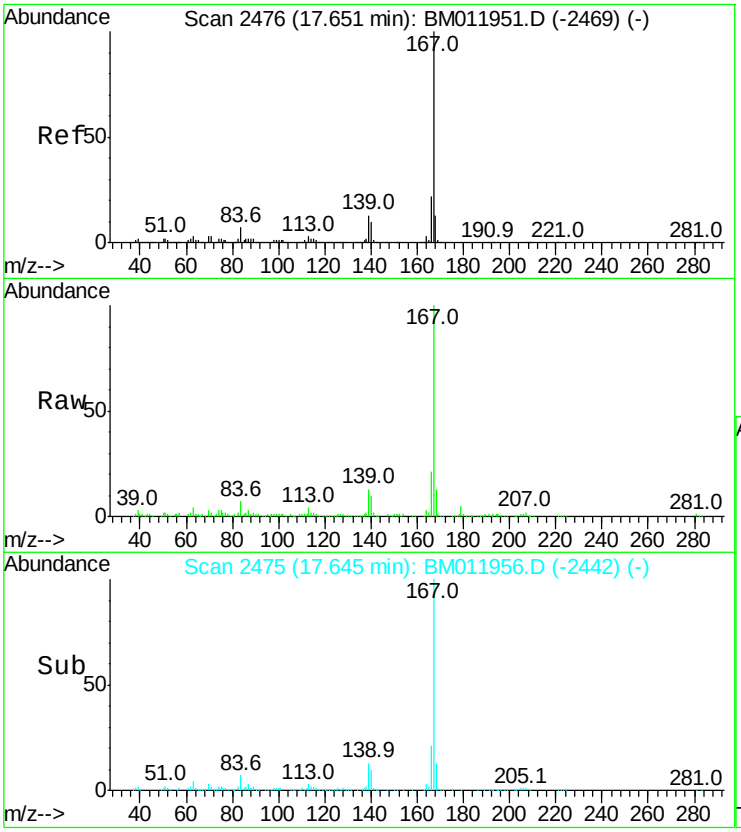


#71
Anthracene
Concen: 2.314 ng/ul
RT: 17.38 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BM011956.D
Acq: 07 Oct 2017 00:54

Tgt Ion:178 Resp: 162700

Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.7	17.5
176	18.7	14.6	21.8



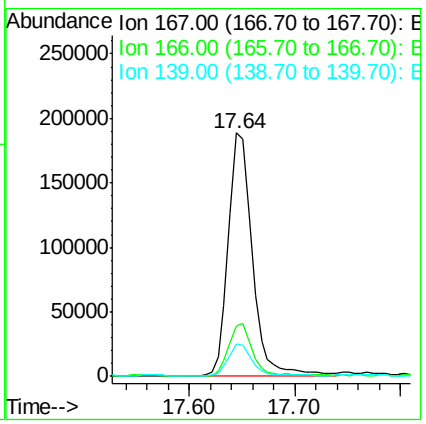


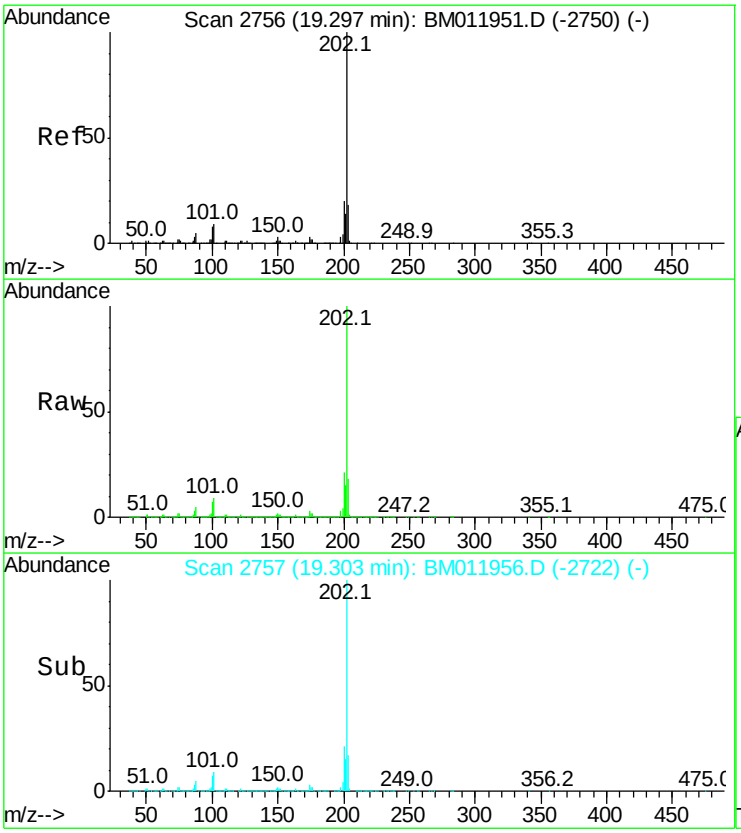
#72
Carbazole
Concen: 4.867 ng/ul
RT: 17.64 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BM011956.D
Acq: 07 Oct 2017 00:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 296460

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.1	25.7
139	13.2	10.0	15.0

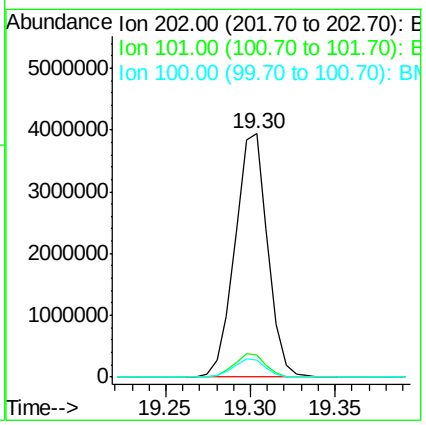


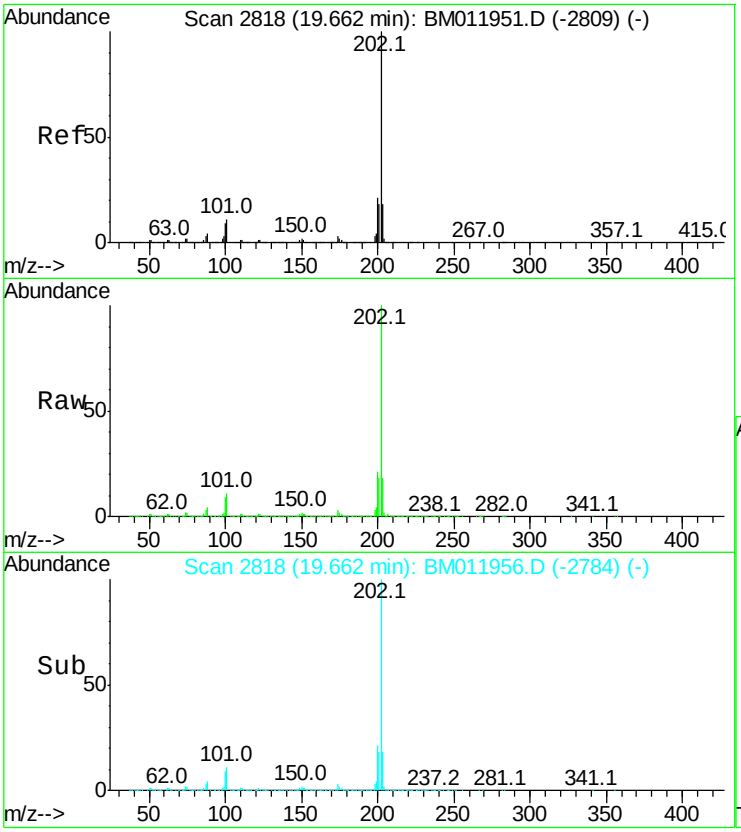


#74
Fluoranthene
Concen: 62.720 ng/ul
RT: 19.30 min Scan# 2757
Delta R.T. 0.01 min
Lab File: BM011956.D
Acq: 07 Oct 2017 00:54

Tgt Ion:202 Resp: 5288788

Ion	Ratio	Lower	Upper
202	100		
101	8.9	4.6	7.0#
100	6.9	3.4	5.2#



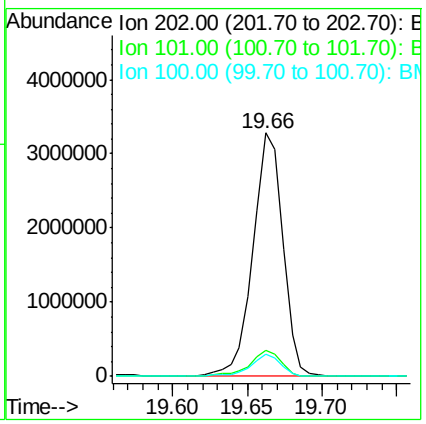


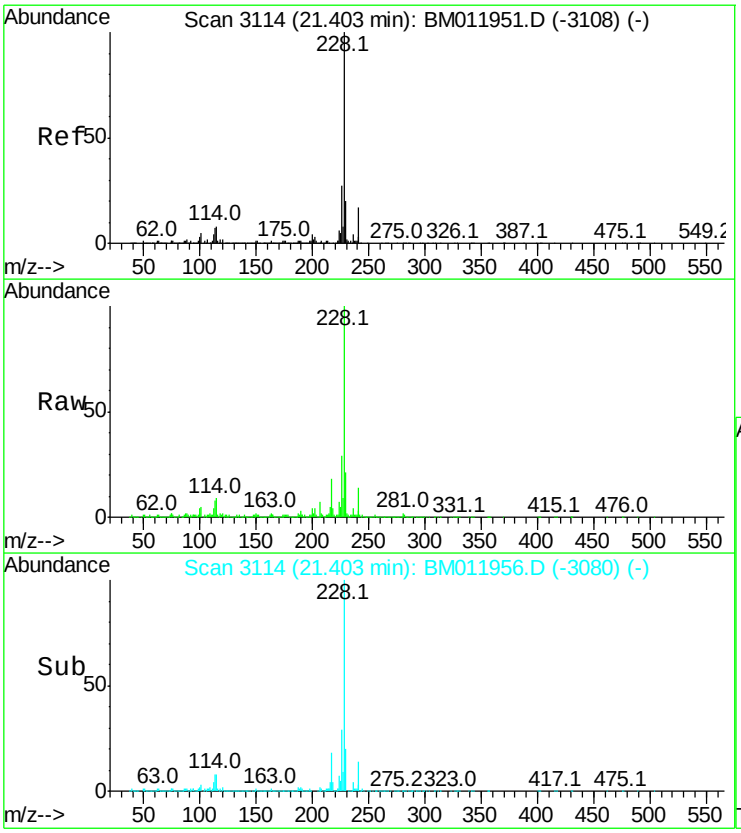
#77
Pyrene
Concen: 60.377 ng/ul
RT: 19.66 min Scan# 2818
Delta R.T. 0.00 min
Lab File: BM011956.D
Acq: 07 Oct 2017 00:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 4517853

Ion	Ratio	Lower	Upper
202	100		
101	10.9	5.1	7.7#
100	9.2	4.9	7.3#

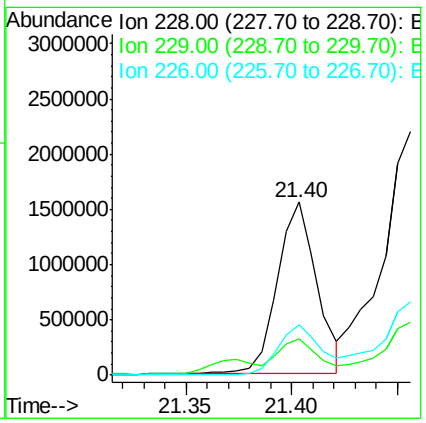


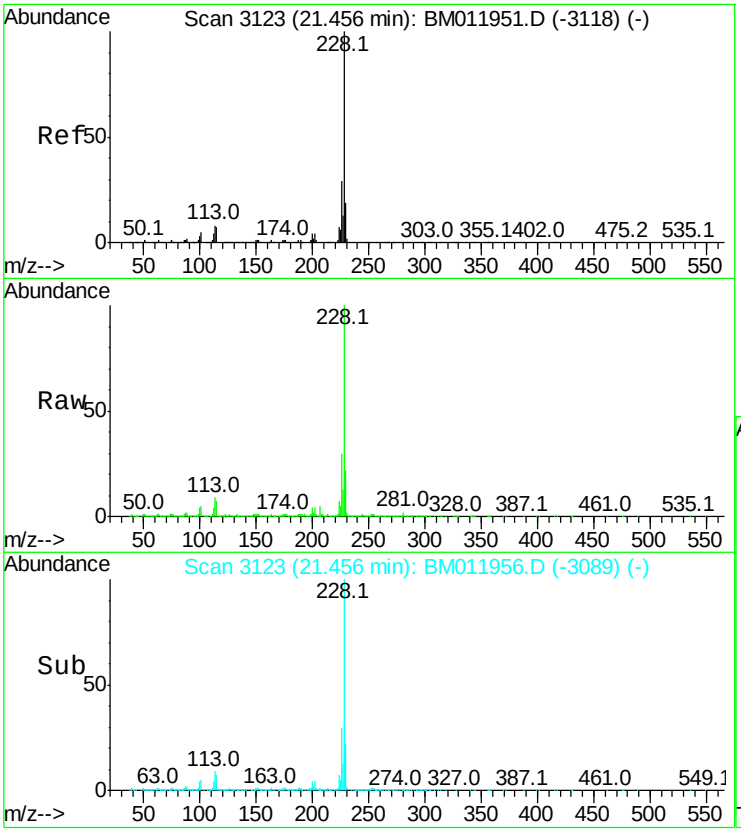


#80
Benzo(a)anthracene
Concen: 26.045 ng/ul
RT: 21.40 min Scan# 3114
Delta R.T. 0.00 min
Lab File: BM011956.D
Acq: 07 Oct 2017 00:54

Tgt Ion:228 Resp: 2013576

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.4	23.0
226	28.9	21.4	32.0



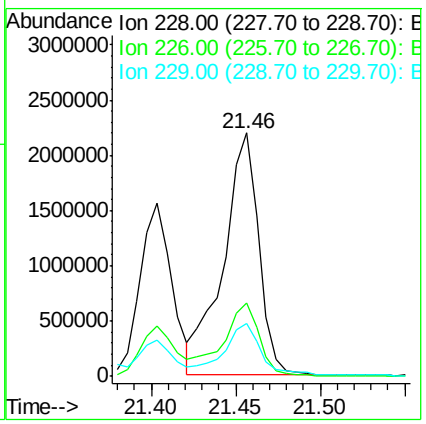


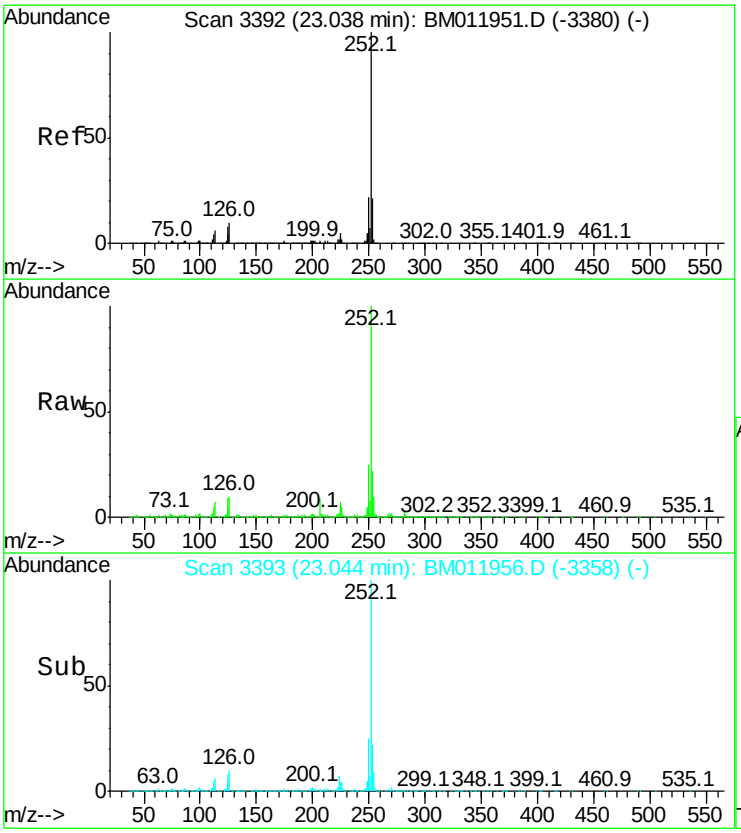
#82
Chrysene
Concen: 43.465 ng/ul
RT: 21.46 min Scan# 3123
Delta R.T. 0.00 min
Lab File: BM011956.D
Acq: 07 Oct 2017 00:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 3192768

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.2
229	22.0	15.5	23.3

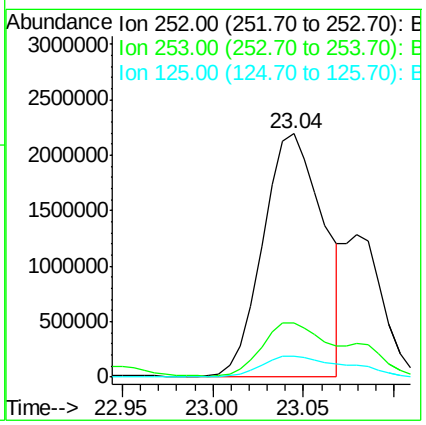


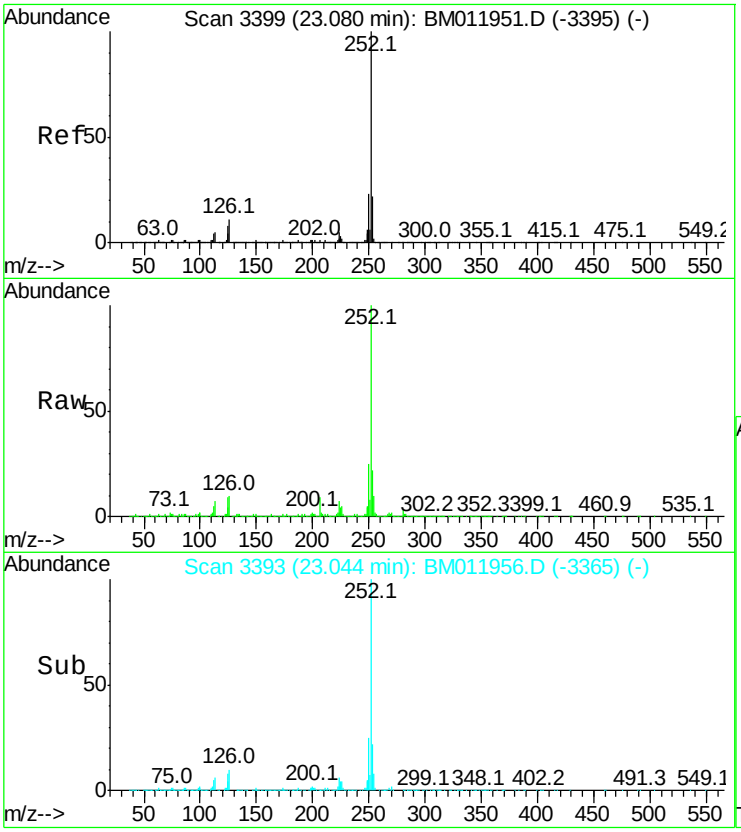


#85
Benzo(b)fluoranthene
Concen: 56.064 ng/ul
RT: 23.04 min Scan# 3393
Delta R.T. 0.01 min
Lab File: BM011956.D
Acq: 07 Oct 2017 00:54

Tgt Ion:252 Resp: 5083551

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	8.6	3.6	5.4#



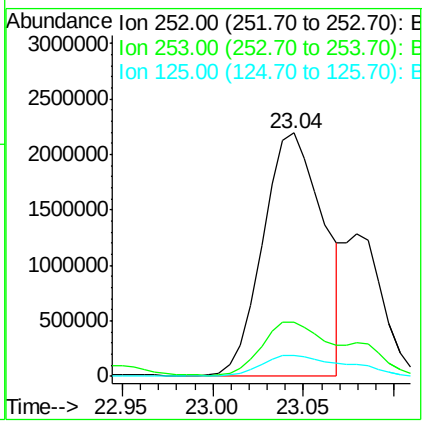


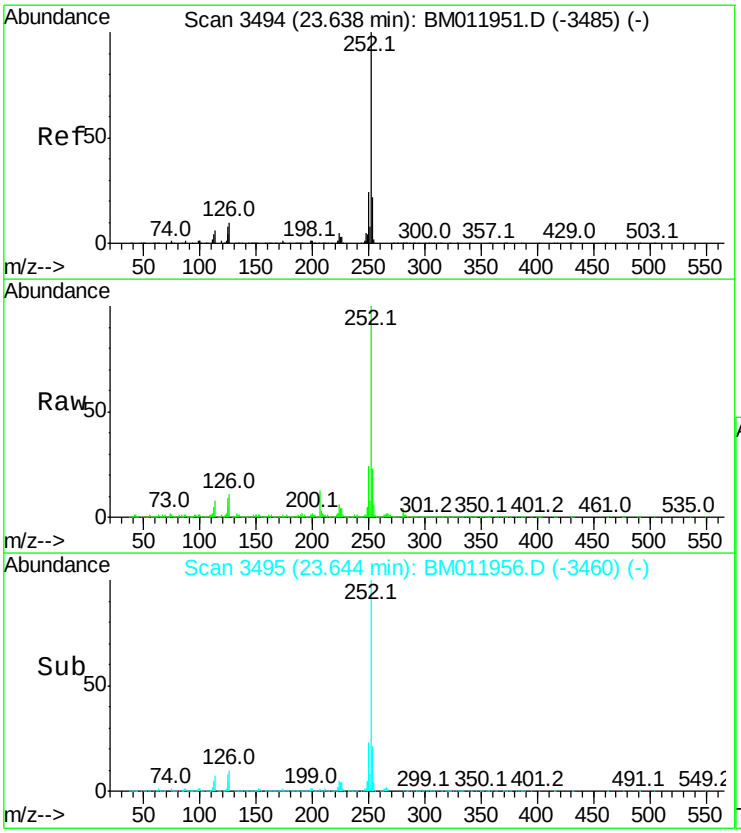
#86
Benzo(k)fluoranthene
Concen: 56.156 ng/ul
RT: 23.04 min Scan# 3393
Delta R.T. -0.04 min
Lab File: BM011956.D
Acq: 07 Oct 2017 00:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 5083551

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	8.6	3.4	5.2#

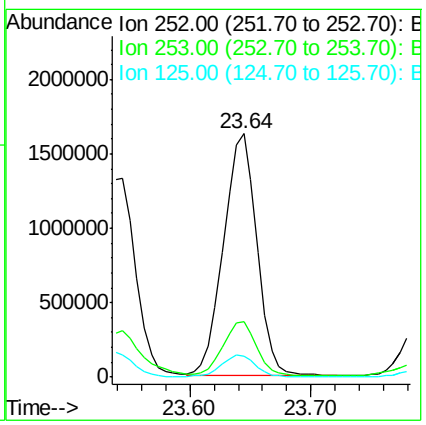


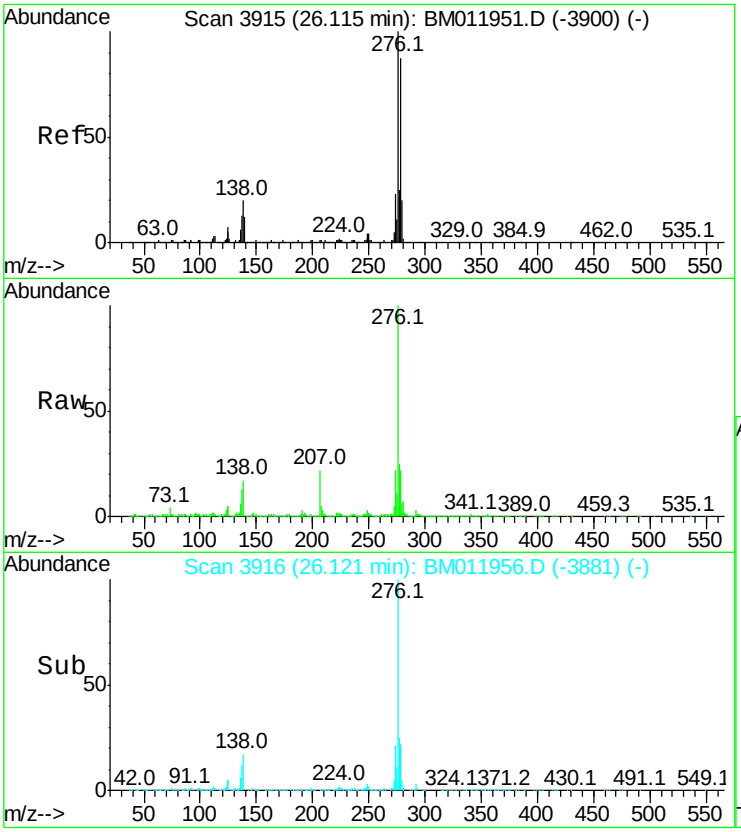


#88
Benzo(a)pyrene
Concen: 35.590 ng/ul
RT: 23.64 min Scan# 3495
Delta R.T. 0.01 min
Lab File: BM011956.D
Acq: 07 Oct 2017 00:54

Tgt Ion:252 Resp: 3100835

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	8.7	4.0	6.0#



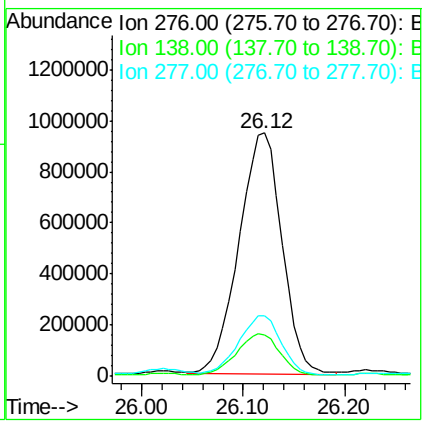


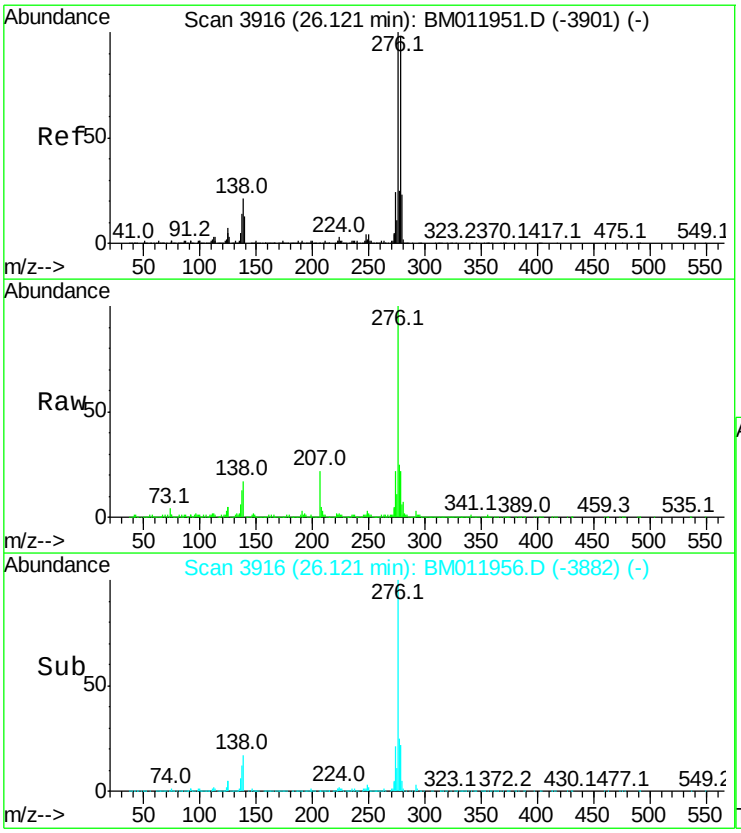
#89
Indeno(1,2,3-cd)pyrene
Concen: 29.864 ng/ul
RT: 26.12 min Scan# 3916
Delta R.T. 0.01 min
Lab File: BM011956.D
Acq: 07 Oct 2017 00:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 2784448

Ion	Ratio	Lower	Upper
276	100		
138	17.2	9.3	13.9#
277	25.1	19.9	29.9

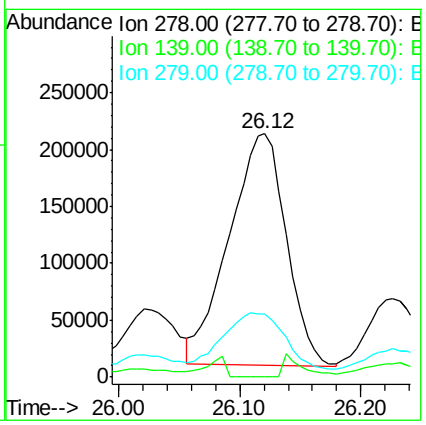


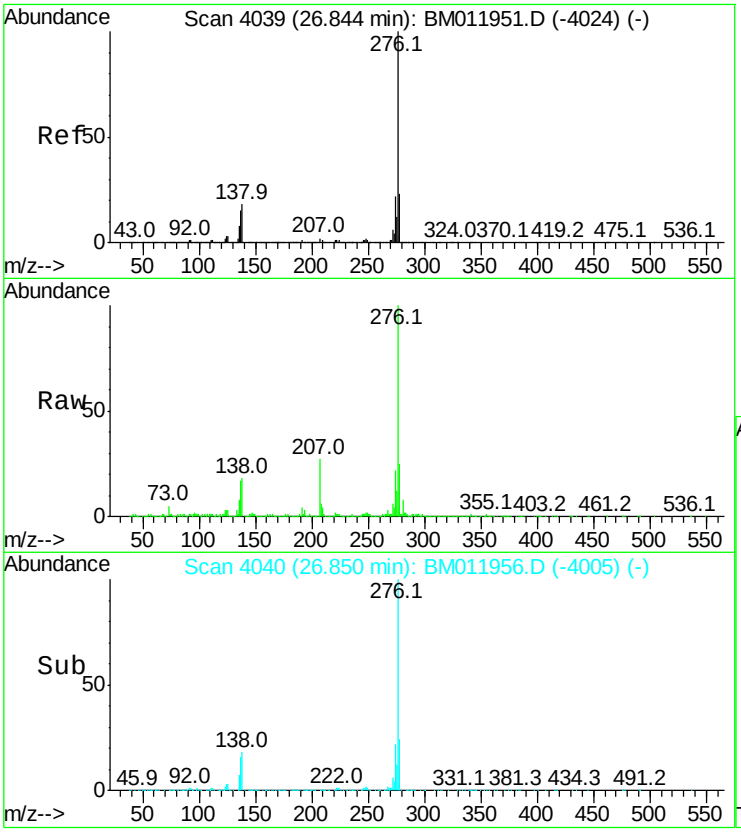


#90
Dibenzo(a,h)anthracene
Concen: 8.730 ng/ul
RT: 26.12 min Scan# 3916
Delta R.T. 0.00 min
Lab File: BM011956.D
Acq: 07 Oct 2017 00:54

Tgt Ion:278 Resp: 668809

Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	26.2	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 32.651 ng/ul
RT: 26.85 min Scan# 4040
Delta R.T. 0.01 min
Lab File: BM011956.D
Acq: 07 Oct 2017 00:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 2518233

Ion	Ratio	Lower	Upper
276	100		
138	18.0	8.5	12.7#
277	24.5	18.6	28.0