Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012188.D
Acq On : 15 Oct 2017 01:54
Operator : SJ/JU
Sample : I5522-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC5

Quant Time: Oct 15 06:28:36 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 06:19:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	138476	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	625175	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	425225	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1060945	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1100667	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	898123	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	10222	3.51	ng/uL	0.00
5) Phenol-d5	6.98	99	249295	22.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	142547	21.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	227507	23.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	210467	21.76	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	113365	23.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	141434	25.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	273784	25.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	160814	16.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	967248	25.74	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1179333	25.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	103681	18.35	ng/ul	0.00
57) Fluorene-d10	15.46	176	866829	28.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	112971	15.52	ng/ul	0.00
70) Anthracene-d10	17.31	188	1400181	26.69	ng/ul	0.00
76) Pyrene-d10	19.60	212	1670669	29.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1185826	27.39	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.01	94	13086	1.13	ng/ul	93
44) Dimethylphthalate	13.92	163	377898	10.04	ng/ul	100
47) Acenaphthylene	14.19	152	54086	1.21	ng/ul	97
49) Acenaphthene	14.53	153	44036	1.46	ng/ul	98
53) Dibenzofuran	14.86	168	44007	1.02	ng/ul	98
58) Fluorene	15.51	166	53884	1.50	ng/ul	97
69) Phenanthrene	17.25	178	1192246	19.75	ng/ul	99
71) Anthracene	17.34	178	257375	4.12	ng/ul	98
72) Carbazole	17.62	167	98273	1.86	ng/ul	95
74) Fluoranthene	19.27	202	3287057	45.13	ng/ul#	96
77) Pyrene	19.63	202	2880613	39.63	ng/ul#	94
80) Benzo(a)anthracene	21.37	228	1662050	23.21	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.28	149	114331	2.35	ng/ul	98
82) Chrysene	21.43	228	1491903	22.19	ng/ul	97
85) Benzo(b)fluoranthene	23.01	252	1851641	31.59	ng/ul#	97
86) Benzo(k)fluoranthene	23.01	252	1851641	32.78	ng/ul#	96
88) Benzo(a)pyrene	23.60	252	1267152	22.94	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.06	276	798172	13.61	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.06	278	206821	4.19	ng/ul#	81
91) Benzo(g,h,i)perylene	26.80	276	635084	13.22	ng/ul#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012188.D
Acq On : 15 Oct 2017 01:54
Operator : SJ/JU
Sample : I5522-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION
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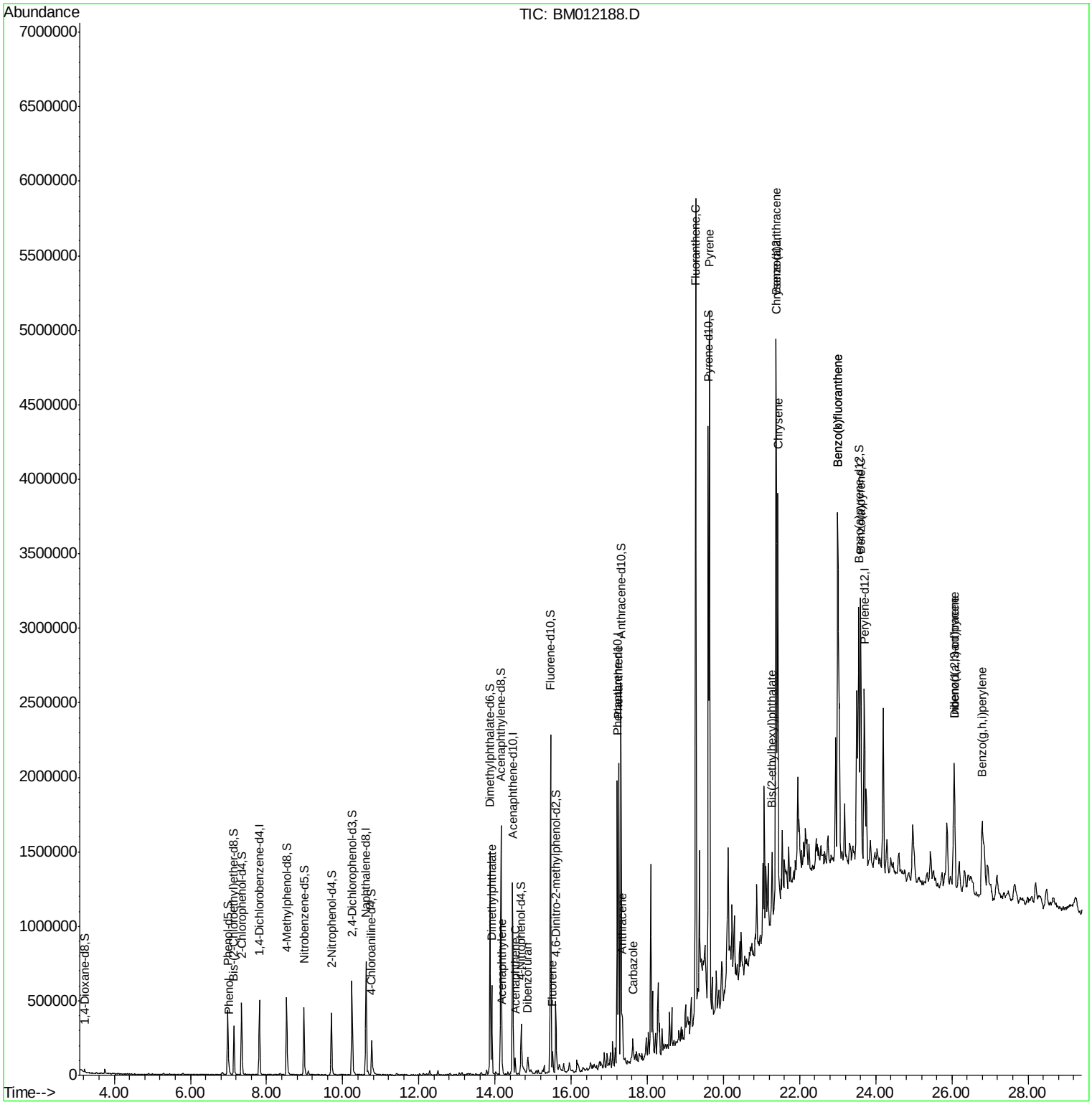
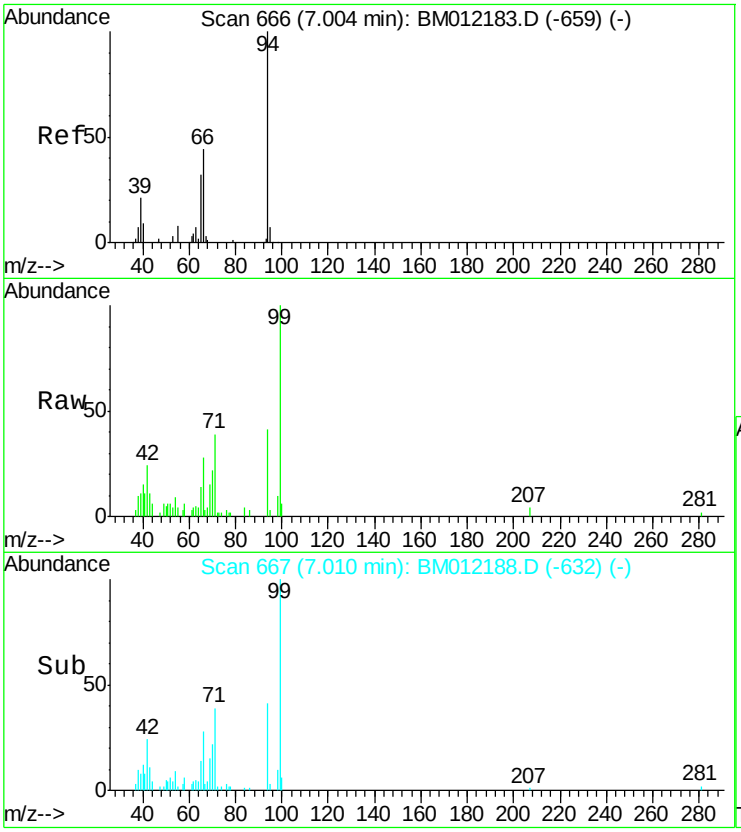
Response via : Initial Calibration



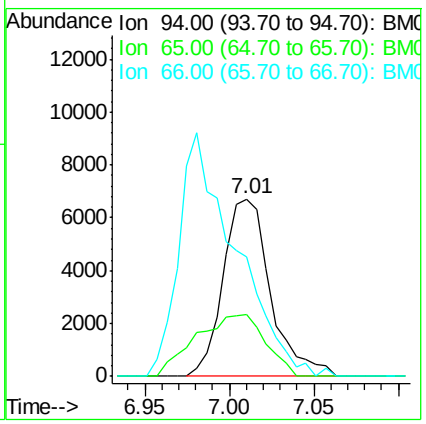


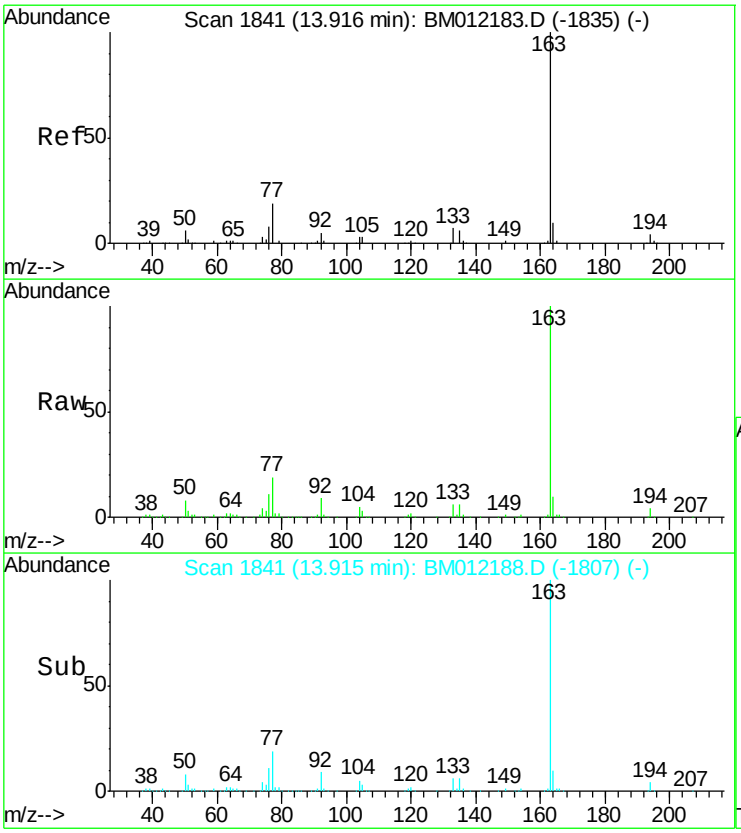
#6
Phenol
Concen: 1.13 ng/ul
RT: 7.01 min Scan# 667
Delta R.T. 0.01 min
Lab File: BM012188.D
Acq: 15 Oct 2017 01:54

Instrument :
BNA_M
ClientSampleId :
C0AC5

Tgt Ion: 94 Resp: 13086

Ion	Ratio	Lower	Upper
94	100		
65	35.2	28.2	42.4
66	67.0	47.2	70.8

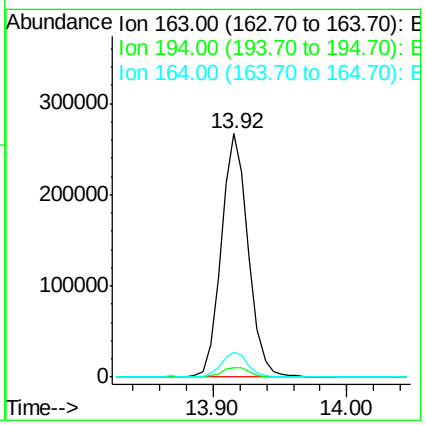


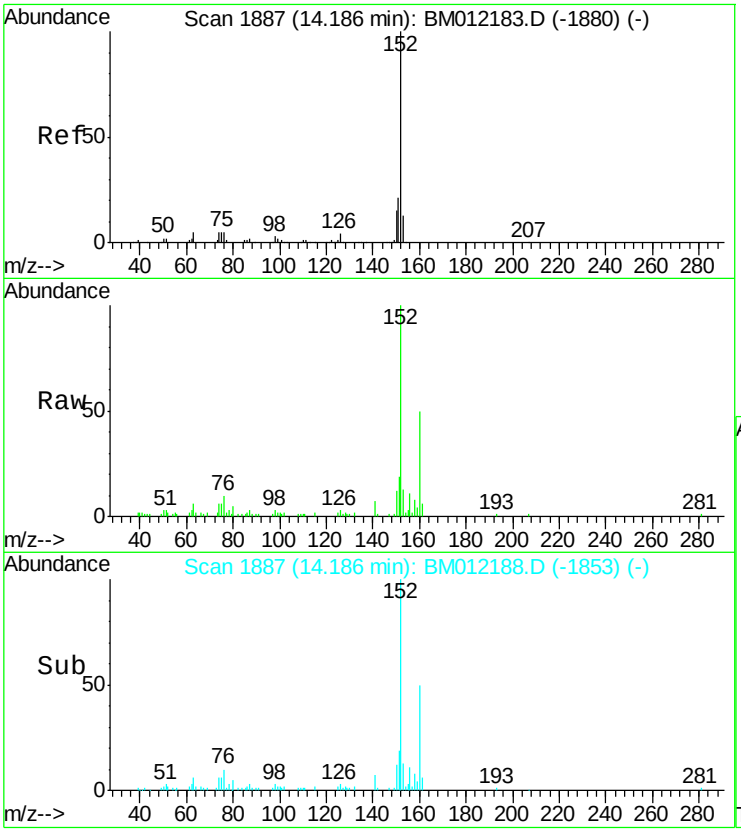


#44
Dimethylphthalate
Concen: 10.04 ng/ul
RT: 13.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BM012188.D
Acq: 15 Oct 2017 01:54

Tgt Ion:163 Resp: 377898

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.4	8.2	12.4



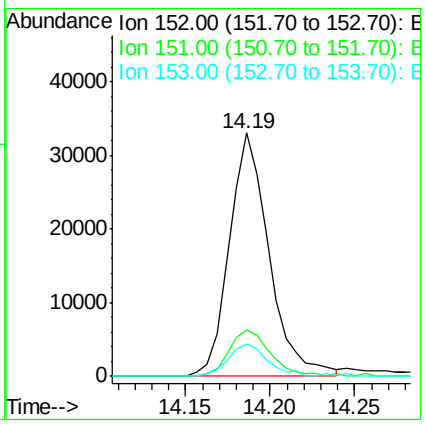


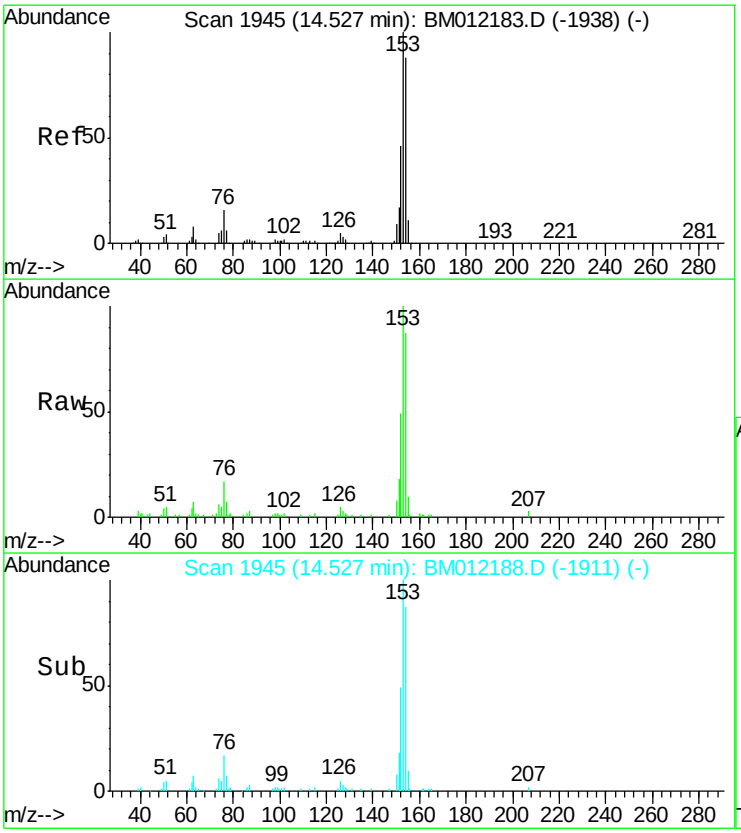
#47
Acenaphthylene
Concen: 1.21 ng/ul
RT: 14.19 min Scan# 1887
Delta R.T. -0.00 min
Lab File: BM012188.D
Acq: 15 Oct 2017 01:54

Instrument :
BNA_M
ClientSampleId :
C0AC5

Tgt Ion:152 Resp: 54086

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.3	24.5
153	13.4	10.2	15.4

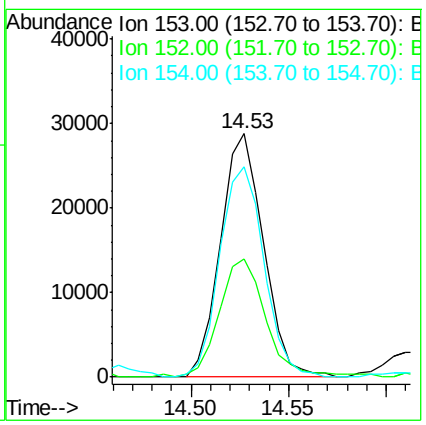


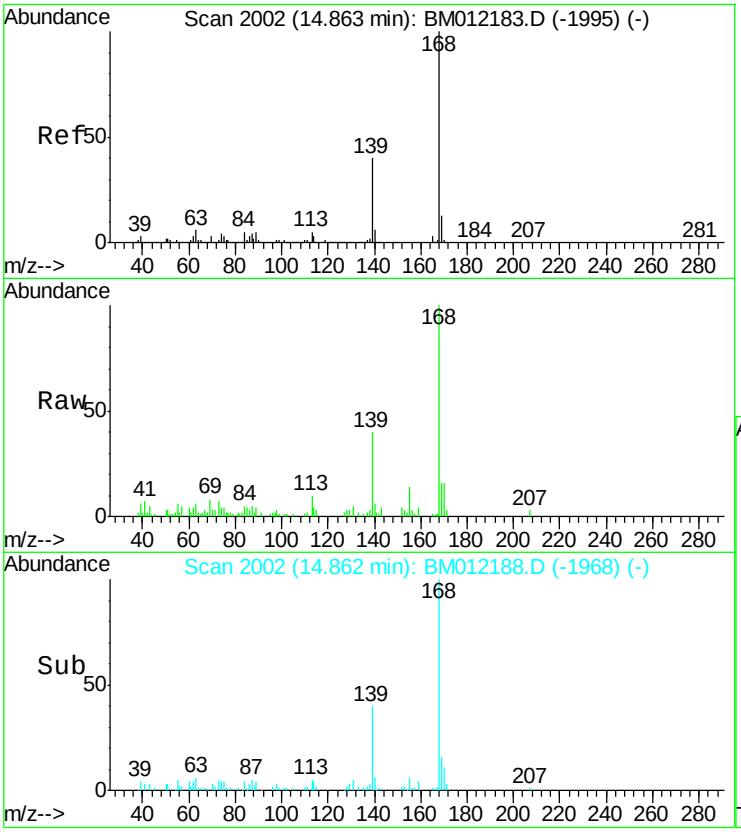


#49
Acenaphthene
Concen: 1.46 ng/ul
RT: 14.53 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BM012188.D
Acq: 15 Oct 2017 01:54

Tgt Ion:153 Resp: 44036

Ion	Ratio	Lower	Upper
153	100		
152	48.7	37.6	56.4
154	86.5	70.4	105.6



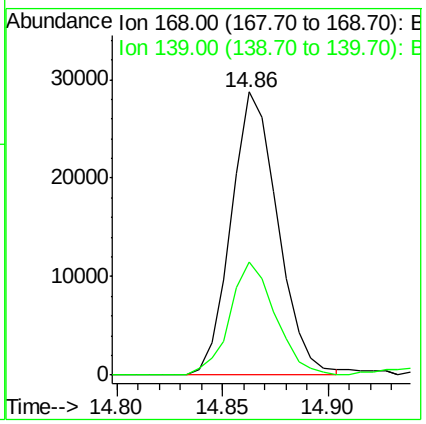


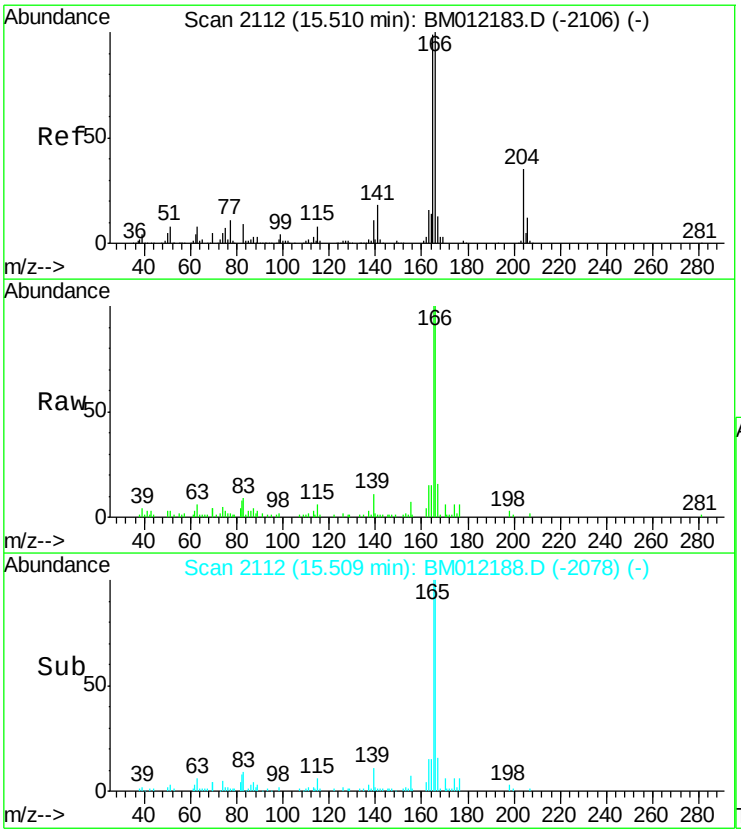
#53
Dibenzofuran
Concen: 1.02 ng/ul
RT: 14.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BM012188.D
Acq: 15 Oct 2017 01:54

Instrument :
BNA_M
ClientSampleId :
C0AC5

Tgt Ion:168 Resp: 44007

Ion	Ratio	Lower	Upper
168	100		
139	39.9	30.8	46.2

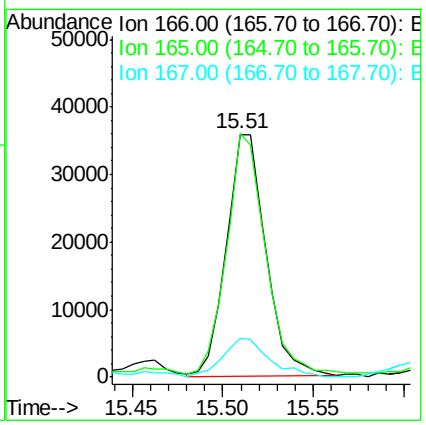


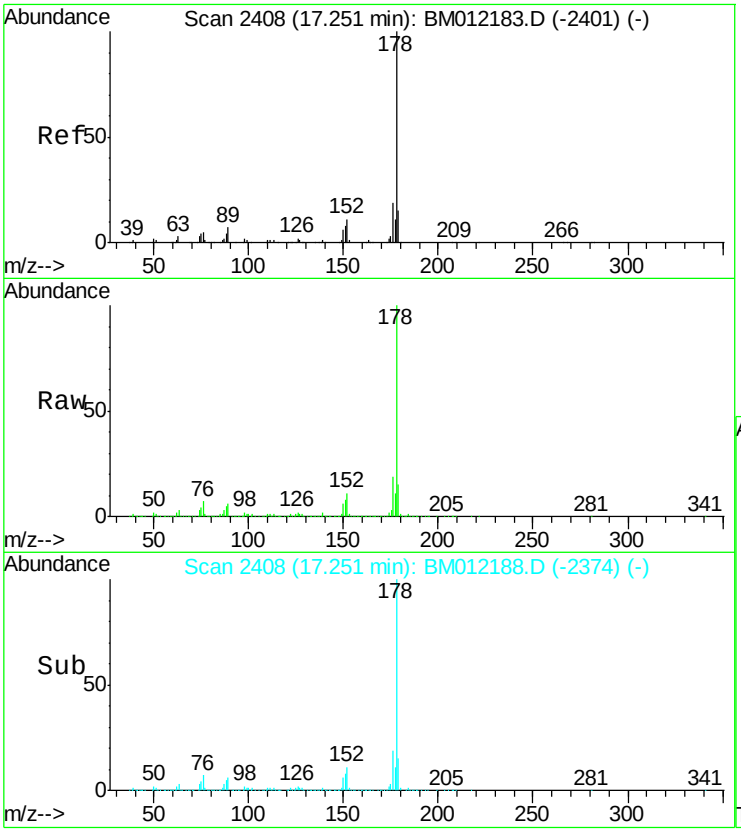


#58
Fluorene
Concen: 1.50 ng/ul
RT: 15.51 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BM012188.D
Acq: 15 Oct 2017 01:54

Tgt Ion:166 Resp: 53884

Ion	Ratio	Lower	Upper
166	100		
165	100.3	77.9	116.9
167	15.8	10.6	16.0



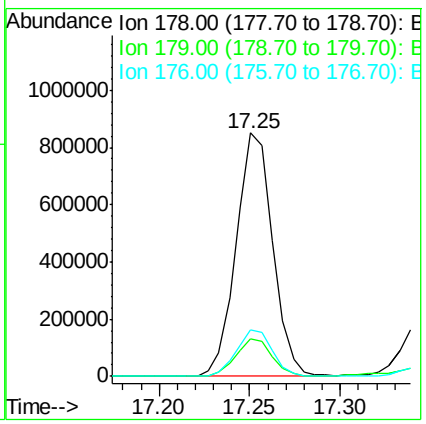


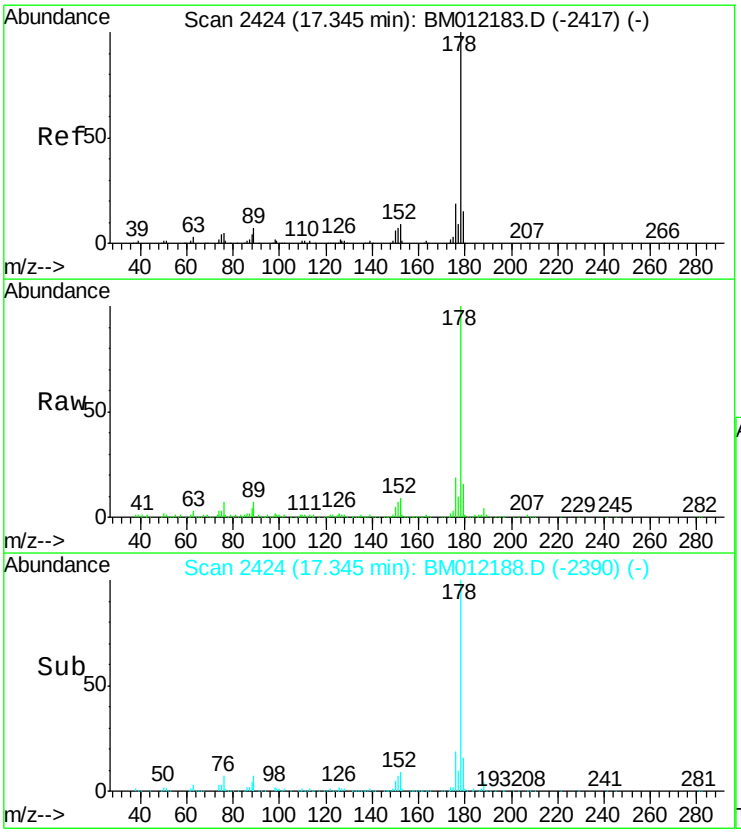
#69
Phenanthrene
Concen: 19.75 ng/ul
RT: 17.25 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BM012188.D
Acq: 15 Oct 2017 01:54

Instrument :
BNA_M
ClientSampleId :
C0AC5

Tgt Ion:178 Resp: 1192246

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.2	14.9	22.3

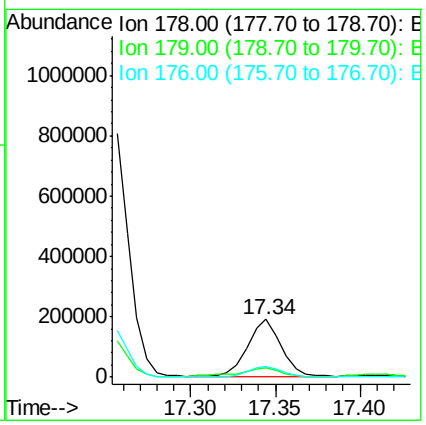


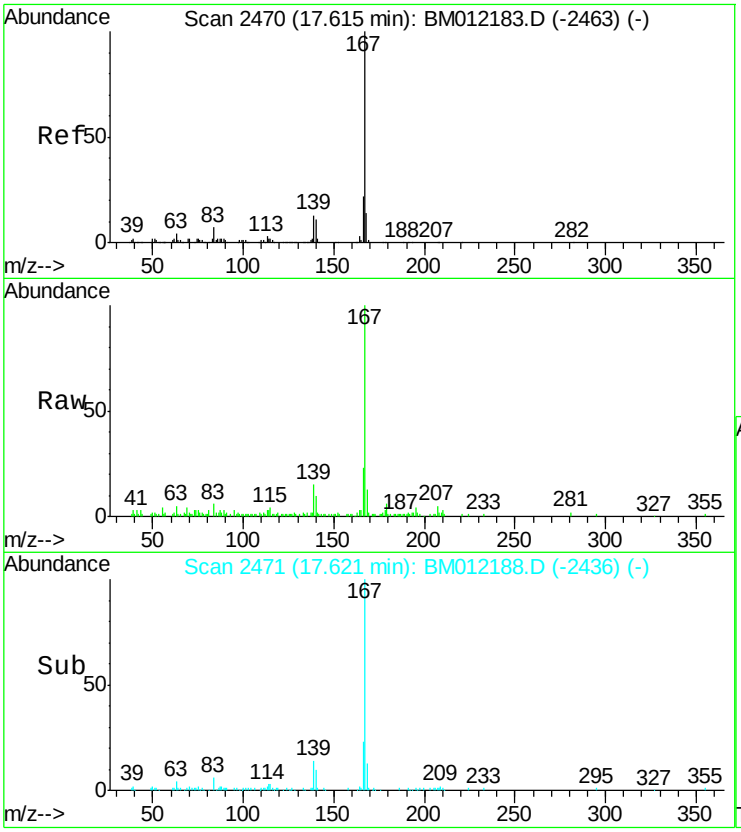


#71
Anthracene
Concen: 4.12 ng/ul
RT: 17.34 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BM012188.D
Acq: 15 Oct 2017 01:54

Tgt Ion:178 Resp: 257375

Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.7	17.5
176	18.9	14.6	21.8



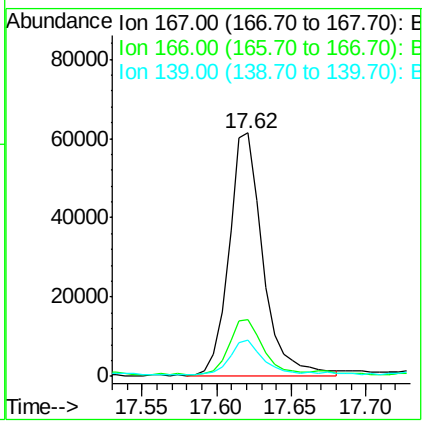


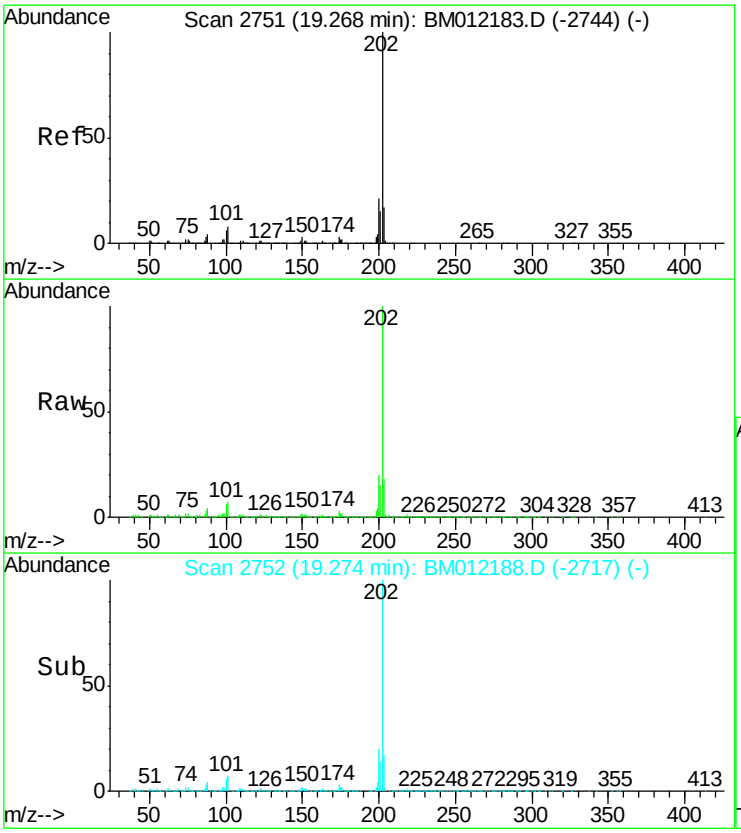
#72
Carbazole
Concen: 1.86 ng/ul
RT: 17.62 min Scan# 2471
Delta R.T. 0.01 min
Lab File: BM012188.D
Acq: 15 Oct 2017 01:54

Instrument :
BNA_M
ClientSampleId :
C0AC5

Tgt Ion:167 Resp: 98273

Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.1	25.7
139	14.7	10.0	15.0

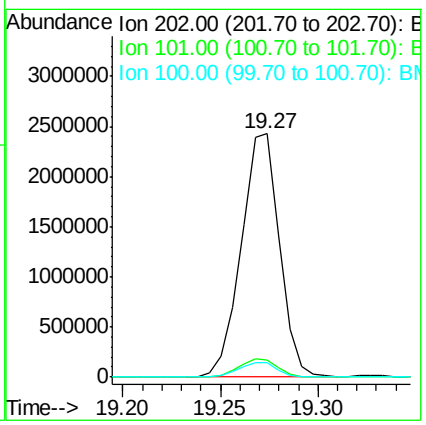


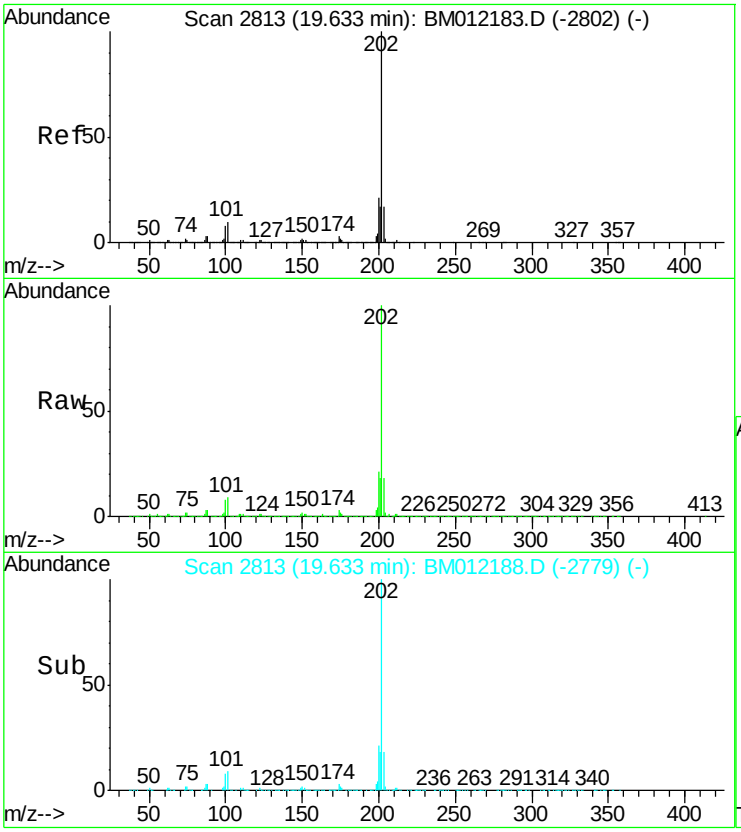


#74
Fluoranthene
Concen: 45.13 ng/ul
RT: 19.27 min Scan# 2752
Delta R.T. 0.01 min
Lab File: BM012188.D
Acq: 15 Oct 2017 01:54

Tgt Ion:202 Resp: 3287057

Ion	Ratio	Lower	Upper
202	100		
101	7.0	4.6	7.0#
100	5.7	3.4	5.2#



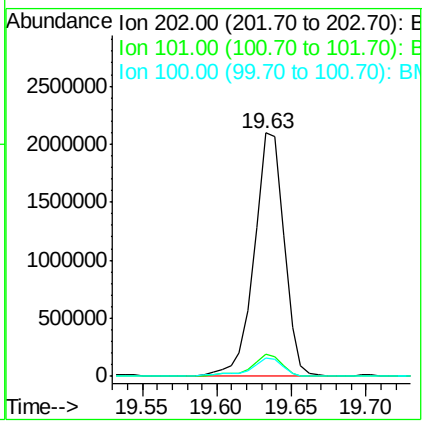


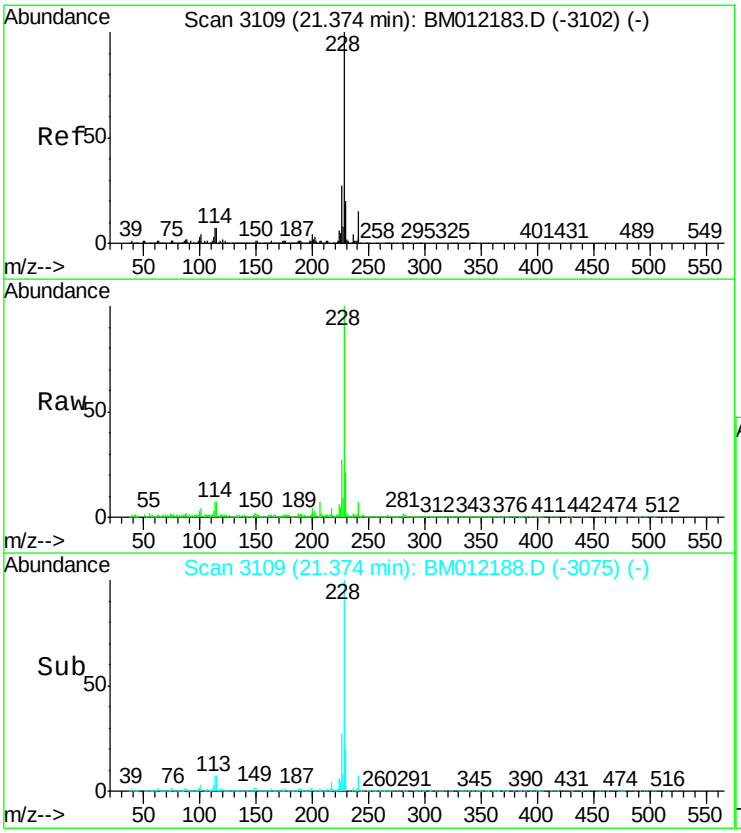
#77
Pyrene
Concen: 39.63 ng/ul
RT: 19.63 min Scan# 2813
Delta R.T. -0.00 min
Lab File: BM012188.D
Acq: 15 Oct 2017 01:54

Instrument :
BNA_M
ClientSampleId :
C0AC5

Tgt Ion:202 Resp: 2880613

Ion	Ratio	Lower	Upper
202	100		
101	8.9	5.1	7.7#
100	7.7	4.9	7.3#

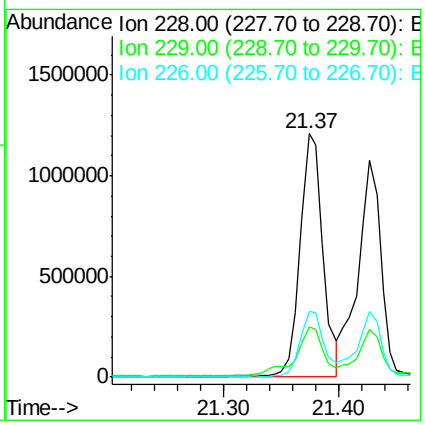


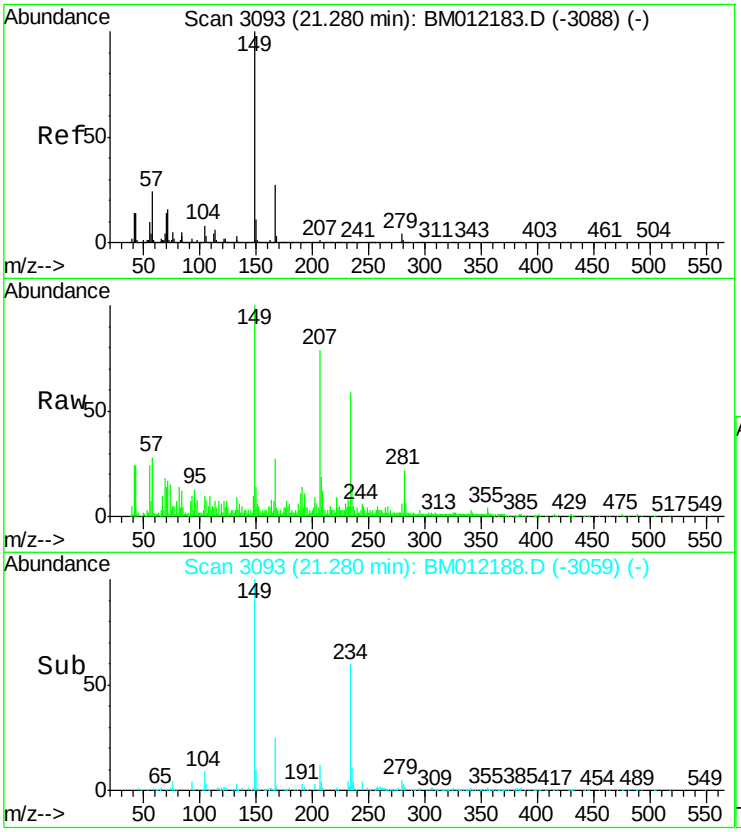


#80
Benzo(a)anthracene
Concen: 23.21 ng/ul
RT: 21.37 min Scan# 3109
Delta R.T. -0.00 min
Lab File: BM012188.D
Acq: 15 Oct 2017 01:54

Tgt Ion:228 Resp: 1662050

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.4	23.0
226	27.2	21.4	32.0



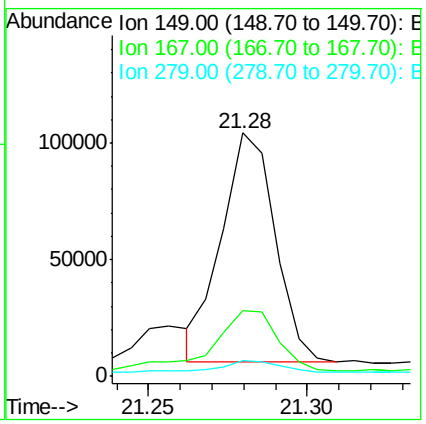


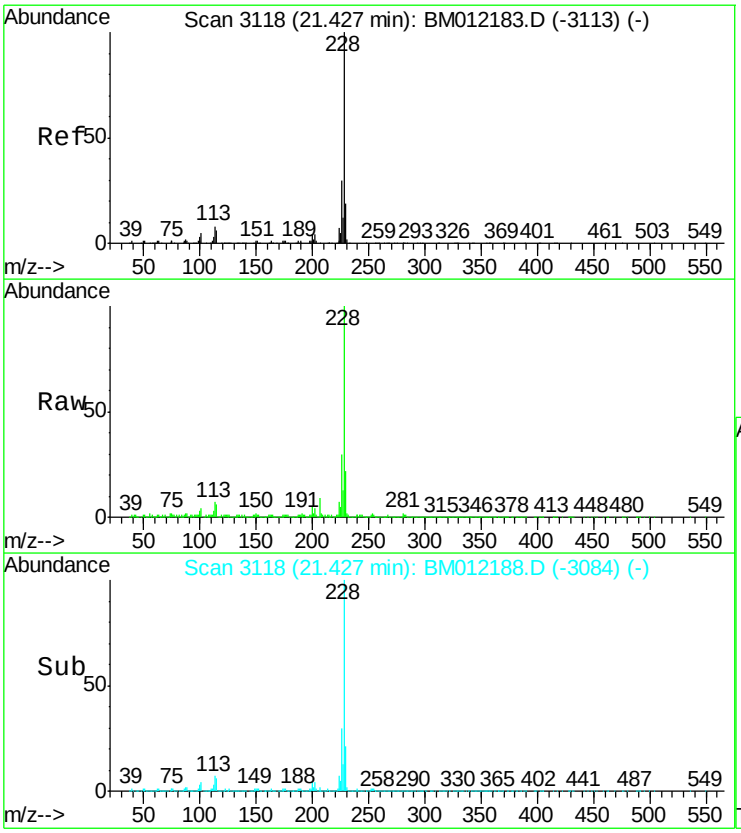
#81
Bis(2-ethylhexyl)phthalate
Concen: 2.35 ng/ul
RT: 21.28 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BM012188.D
Acq: 15 Oct 2017 01:54

Instrument :
BNA_M
ClientSampleId :
C0AC5

Tgt Ion:149 Resp: 114331

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.8	34.2
279	6.2	4.9	7.3

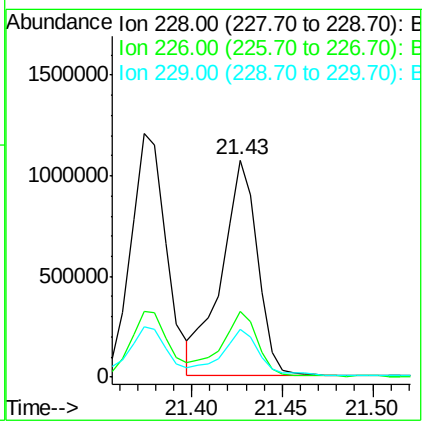


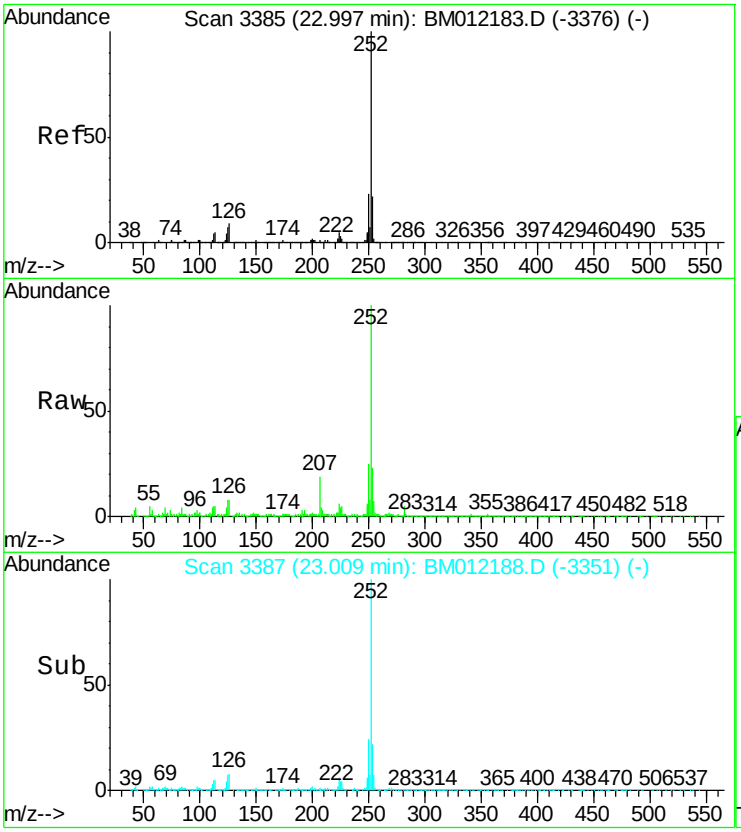


#82
Chrysene
Concen: 22.19 ng/ul
RT: 21.43 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BM012188.D
Acq: 15 Oct 2017 01:54

Tgt Ion:228 Resp: 1491903

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	21.9	15.5	23.3



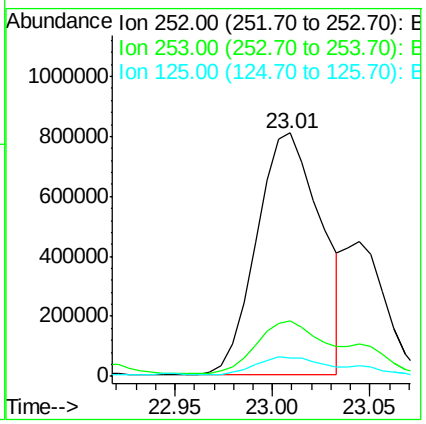


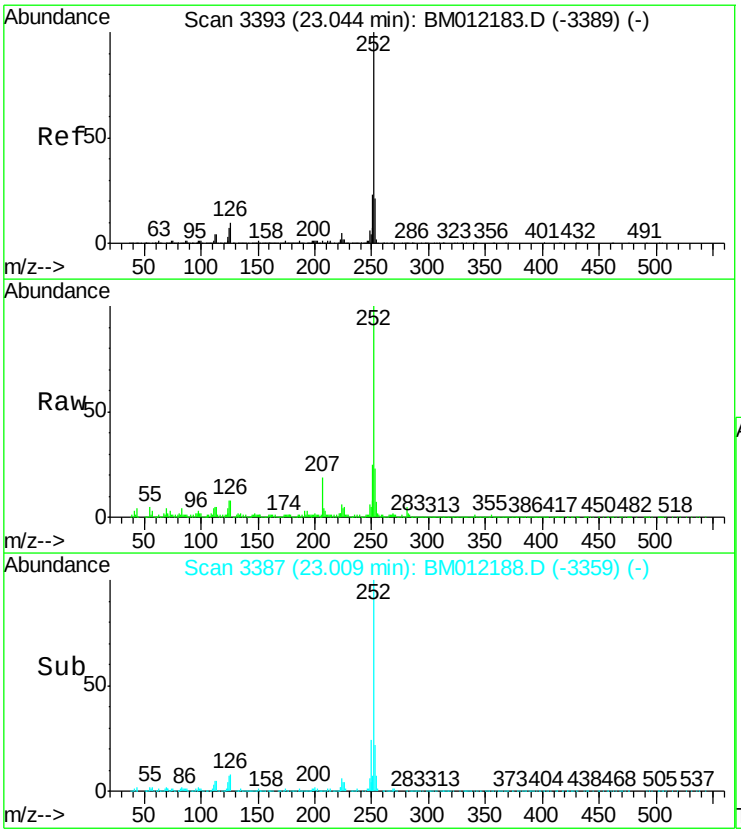
#85
Benzo(b)fluoranthene
Concen: 31.59 ng/ul
RT: 23.01 min Scan# 3387
Delta R.T. 0.01 min
Lab File: BM012188.D
Acq: 15 Oct 2017 01:54

Instrument :
BNA_M
ClientSampleId :
C0AC5

Tgt Ion:252 Resp: 1851641

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	7.8	3.6	5.4#

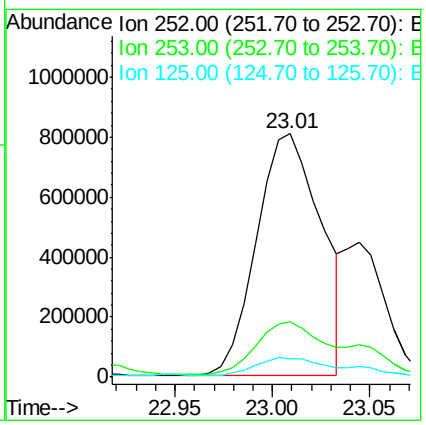


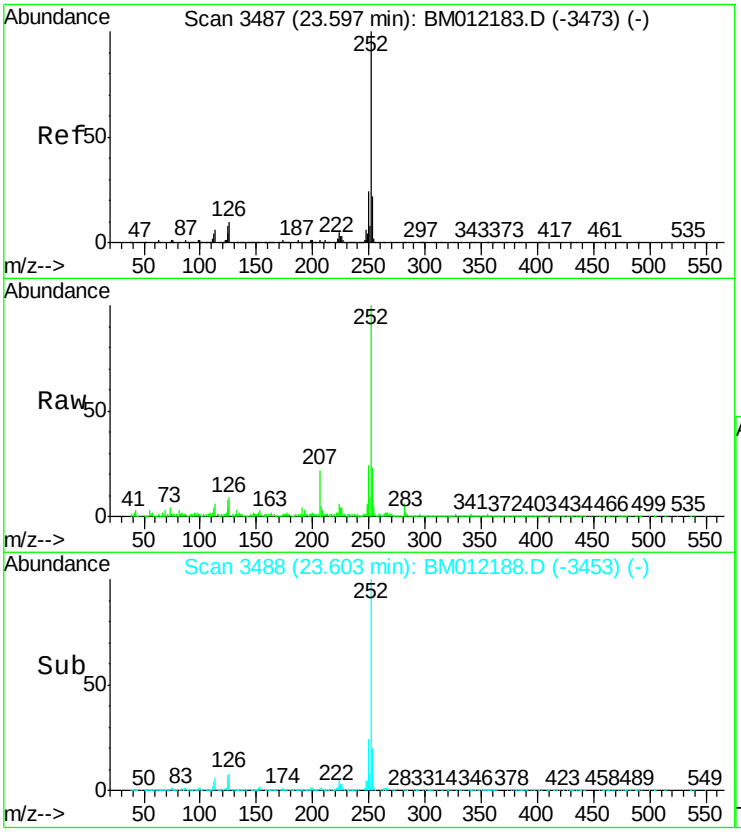


#86
Benzo(k)fluoranthene
Concen: 32.78 ng/ul
RT: 23.01 min Scan# 3387
Delta R.T. -0.04 min
Lab File: BM012188.D
Acq: 15 Oct 2017 01:54

Tgt Ion:252 Resp: 1851641

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	7.8	3.4	5.2#



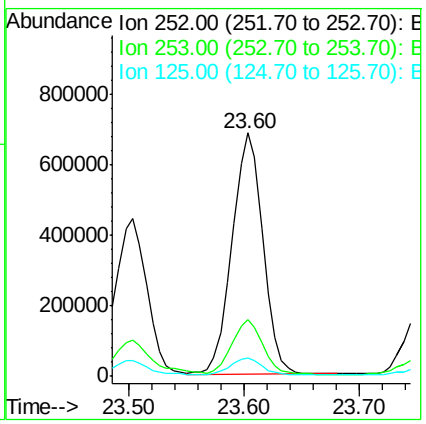


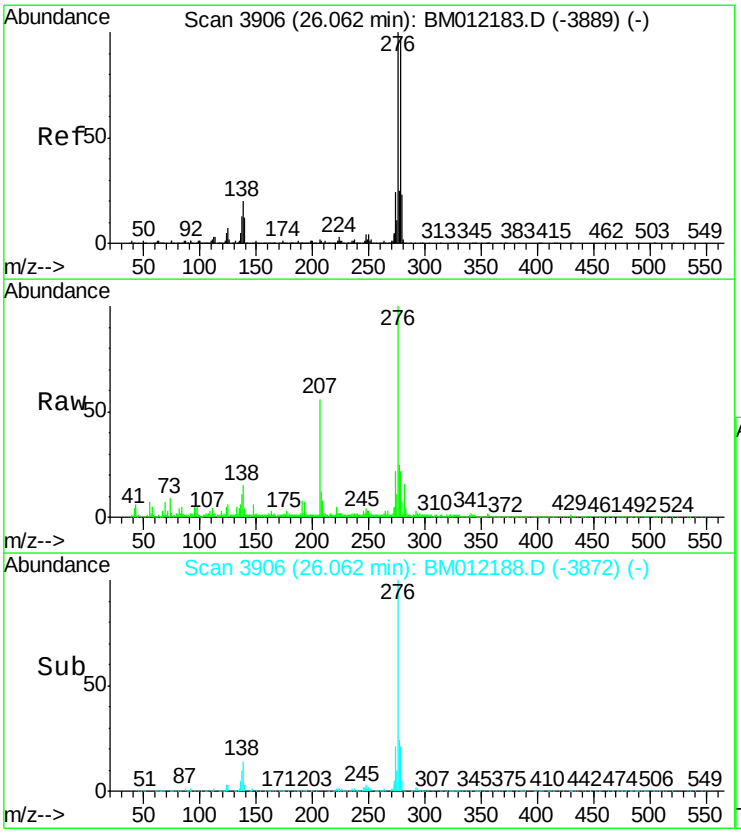
#88
Benzo(a)pyrene
Concen: 22.94 ng/ul
RT: 23.60 min Scan# 3488
Delta R.T. 0.01 min
Lab File: BM012188.D
Acq: 15 Oct 2017 01:54

Instrument :
BNA_M
ClientSampleId :
C0AC5

Tgt Ion:252 Resp: 1267152

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	7.6	4.0	6.0#

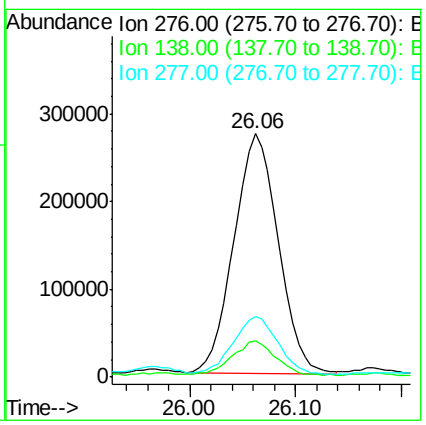


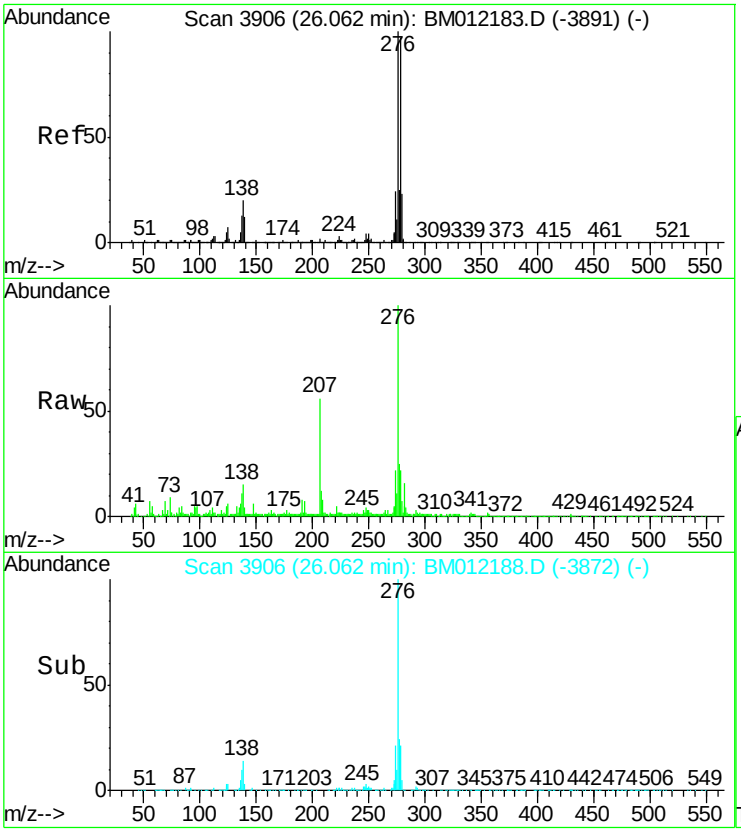


#89
Indeno(1,2,3-cd)pyrene
Concen: 13.61 ng/ul
RT: 26.06 min Scan# 3906
Delta R.T. -0.00 min
Lab File: BM012188.D
Acq: 15 Oct 2017 01:54

Tgt Ion:276 Resp: 798172

Ion	Ratio	Lower	Upper
276	100		
138	14.8	9.3	13.9#
277	24.8	19.9	29.9



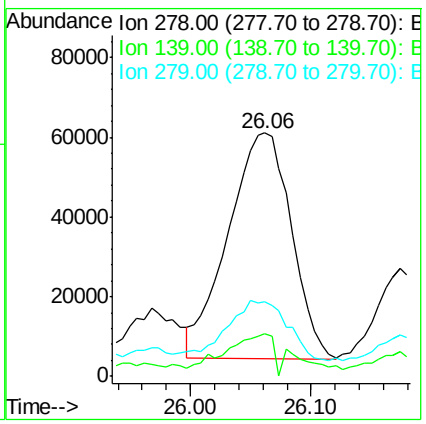


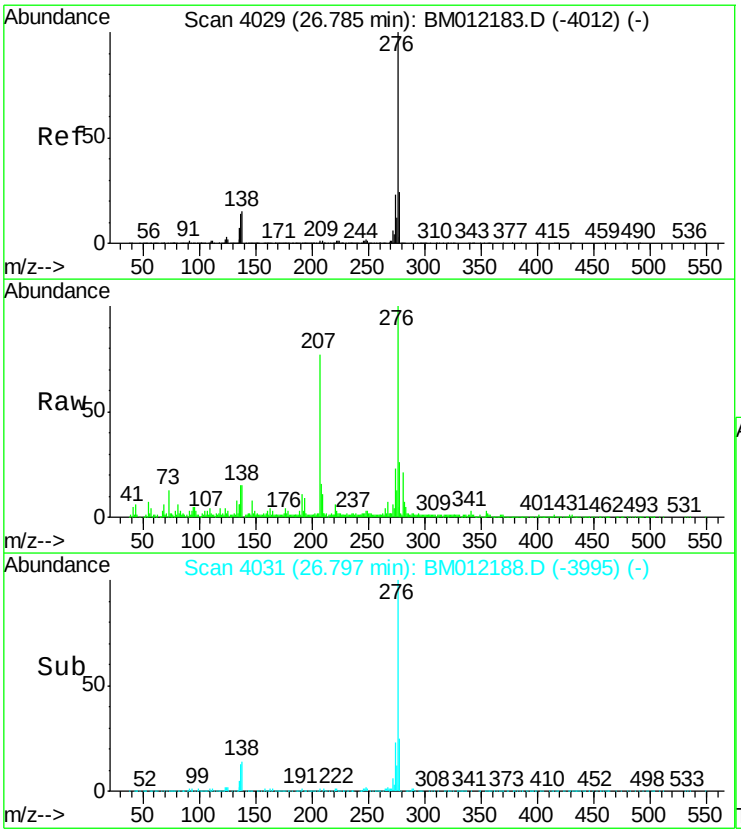
#90
Dibenzo(a,h)anthracene
Concen: 4.19 ng/ul
RT: 26.06 min Scan# 3906
Delta R.T. -0.00 min
Lab File: BM012188.D
Acq: 15 Oct 2017 01:54

Instrument :
BNA_M
ClientSampleId :
C0AC5

Tgt Ion:278 Resp: 206821

Ion	Ratio	Lower	Upper
278	100		
139	17.5	5.8	8.8#
279	30.6	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 13.22 ng/ul
RT: 26.80 min Scan# 4031
Delta R.T. 0.01 min
Lab File: BM012188.D
Acq: 15 Oct 2017 01:54

Tgt Ion:276 Resp: 635084

Ion	Ratio	Lower	Upper
276	100		
138	14.9	8.5	12.7#
277	26.0	18.6	28.0