Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

Quantitation Report (Not Reviewed)

Data File : BM013463.D
Acq On : 16 Dec 2017 05:51
Operator : SJ/JU
Sample : I6801-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A36

Quant Time: Dec 18 00:27:19 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	285193	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1273167	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	733445	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1554276	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1128909	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	992958	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	16805	2.92	ng/uL	0.00
5) Phenol-d5	6.85	99	397256	16.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	244915	17.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	325495	16.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	335198	15.90	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	171944	17.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	192594	17.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	348022	15.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	321769	15.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1150869	17.63	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1393414	17.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	123073	10.85	ng/ul	0.00
57) Fluorene-d10	15.32	176	965388	17.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	113486	11.61	ng/ul	0.00
70) Anthracene-d10	17.16	188	1321807	16.98	ng/ul	0.00
76) Pyrene-d10	19.46	212	1223281	21.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	797762	15.77	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.88	94	46589	1.91	ng/ul#	78
44) Dimethylphthalate	13.78	163	207798	3.33	ng/ul#	95
47) Acenaphthylene	14.04	152	246831	3.31	ng/ul	99
68) Pentachlorophenol	16.72	266	263824	22.64	ng/ul	95
69) Phenanthrene	17.11	178	198174	2.24	ng/ul	98
71) Anthracene	17.20	178	455749	5.05	ng/ul	97
72) Carbazole	17.47	167	119068	1.53	ng/ul	96
74) Fluoranthene	19.13	202	1497997	13.84	ng/ul#	92
77) Pyrene	19.49	202	1529220	22.30	ng/ul#	92
80) Benzo(a)anthracene	21.24	228	1097604	15.32	ng/ul	98
82) Chrysene	21.30	228	2852935	42.93	ng/ul	99
85) Benzo(b)fluoranthene	22.82	252	2675168	39.97	ng/ul#	98
86) Benzo(k)fluoranthene	22.82	252	2675168	42.47	ng/ul#	96
88) Benzo(a)pyrene	23.39	252	886544	14.74	ng/ul#	99
89) Indeno(1,2,3-cd)pyrene	25.71	276	714735	11.98	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.71	278	205533	4.05	ng/ul#	87
91) Benzo(g,h,i)perylene	26.40	276	547261	11.63	ng/ul#	96

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

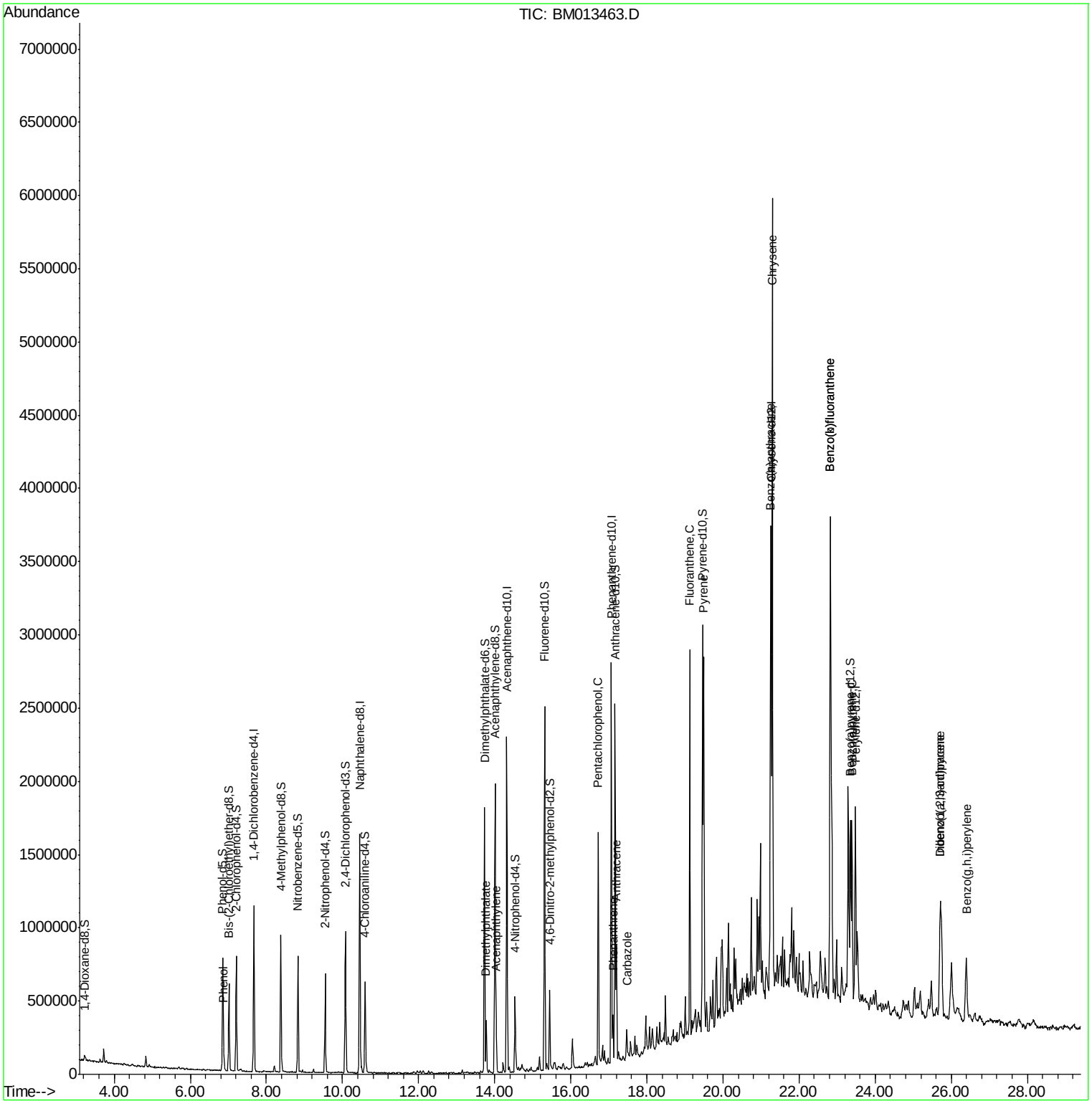
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

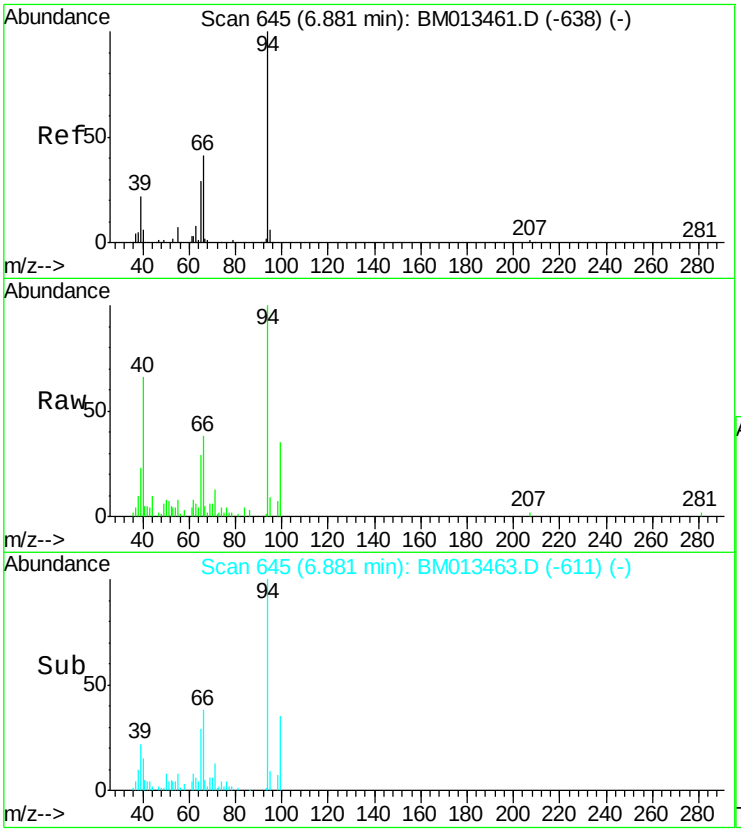
Quantitation Report (Not Reviewed)

Data File : BM013463.D
Acq On : 16 Dec 2017 05:51
Operator : SJ/JU
Sample : I6801-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A36

Quant Time: Dec 18 00:27:19 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



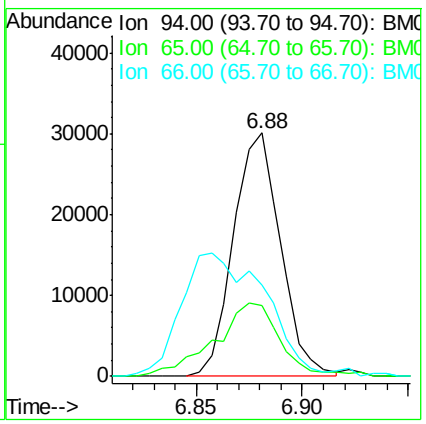


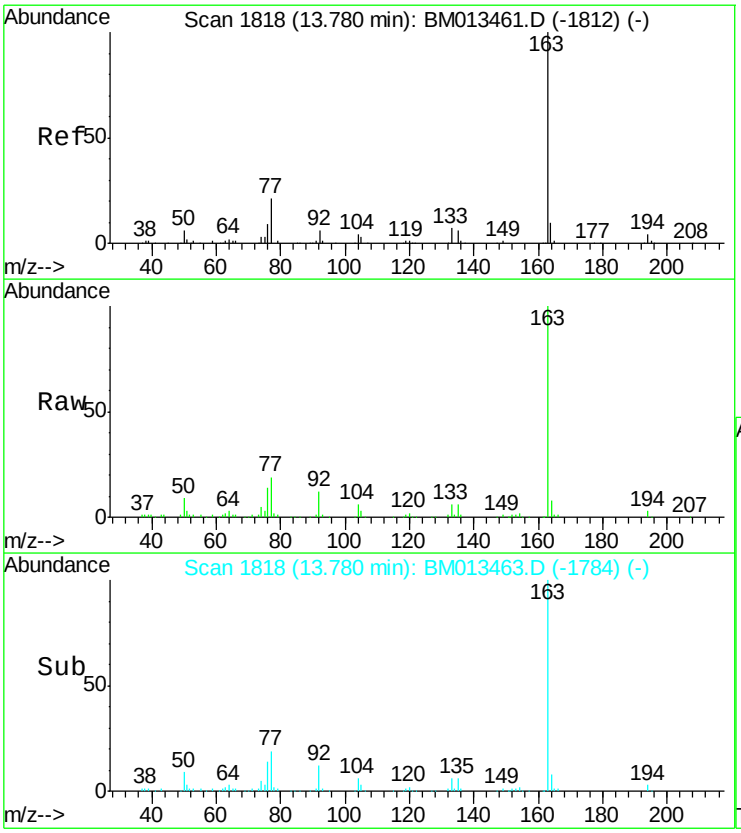
#6
Phenol
Concen: 1.91 ng/ul
RT: 6.88 min Scan# 645
Delta R.T. -0.00 min
Lab File: BM013463.D
Acq: 16 Dec 2017 05:51

Instrument :
BNA_M
ClientSampleId :
F9A36

Tgt Ion: 94 Resp: 46589

Ion	Ratio	Lower	Upper
94	100		
65	29.1	28.2	42.4
66	37.7	47.2	70.8#

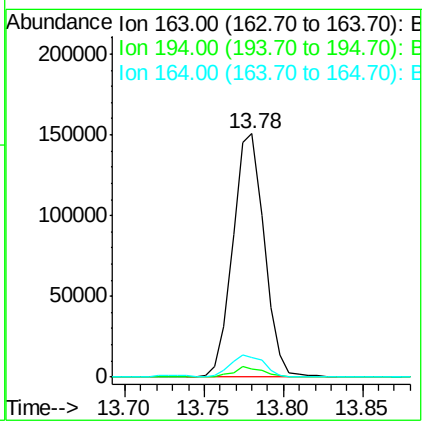


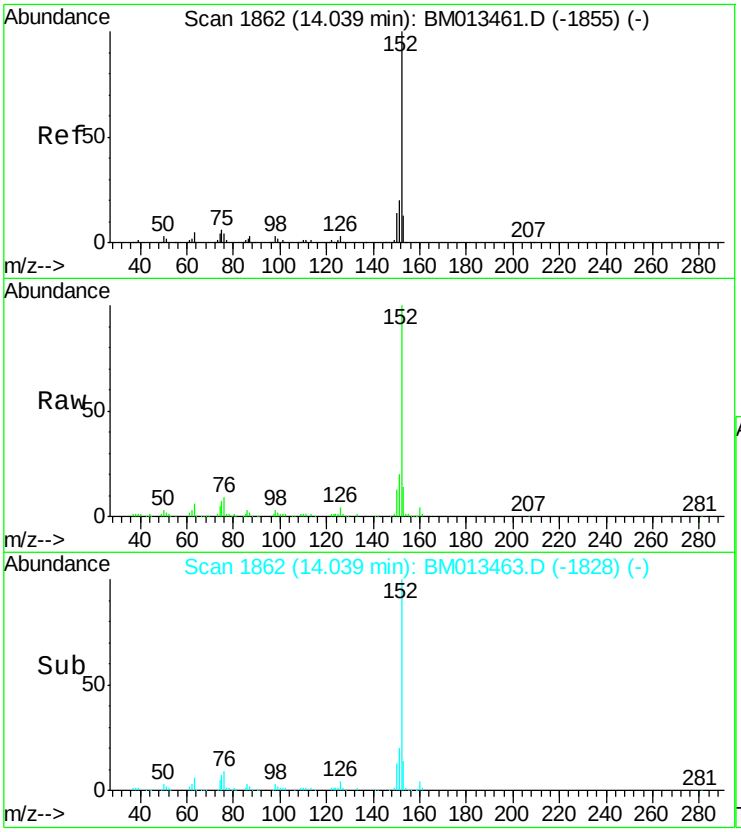


#44
Dimethylphthalate
Concen: 3.33 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BM013463.D
Acq: 16 Dec 2017 05:51

Tgt Ion:163 Resp: 207798

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.5	5.3#
164	8.3	8.2	12.4



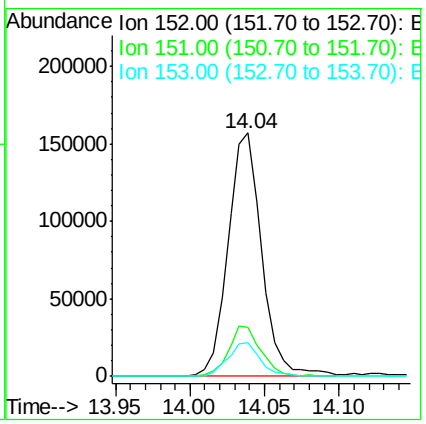


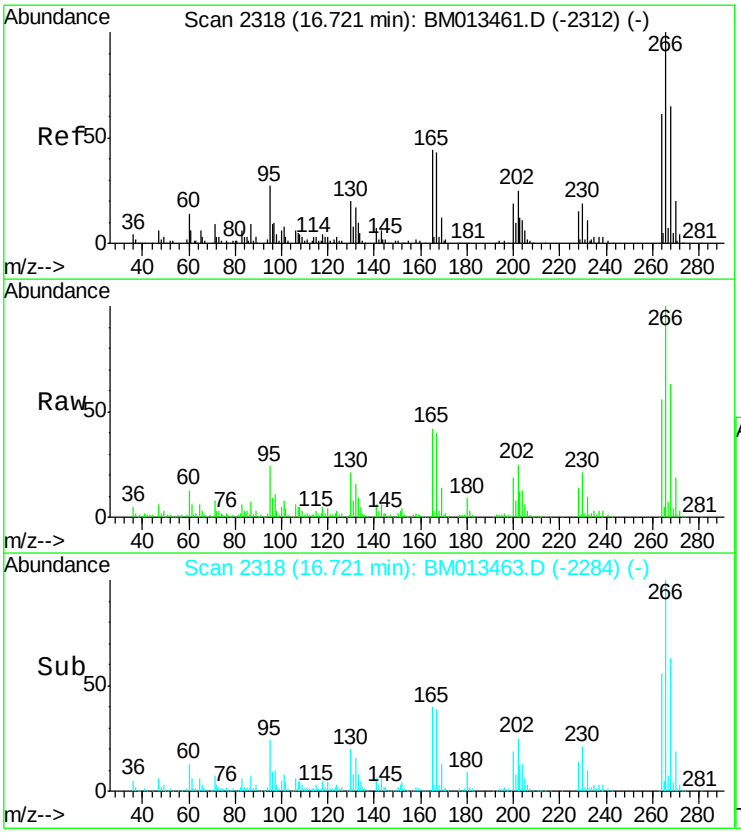
#47
Acenaphthylene
Concen: 3.31 ng/ul
RT: 14.04 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BM013463.D
Acq: 16 Dec 2017 05:51

Instrument :
BNA_M
ClientSampleId :
F9A36

Tgt Ion:152 Resp: 246831

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.8	10.2	15.4

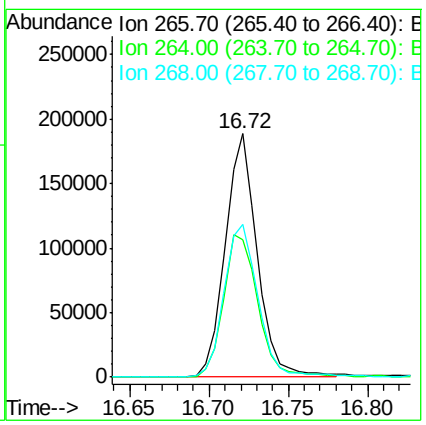


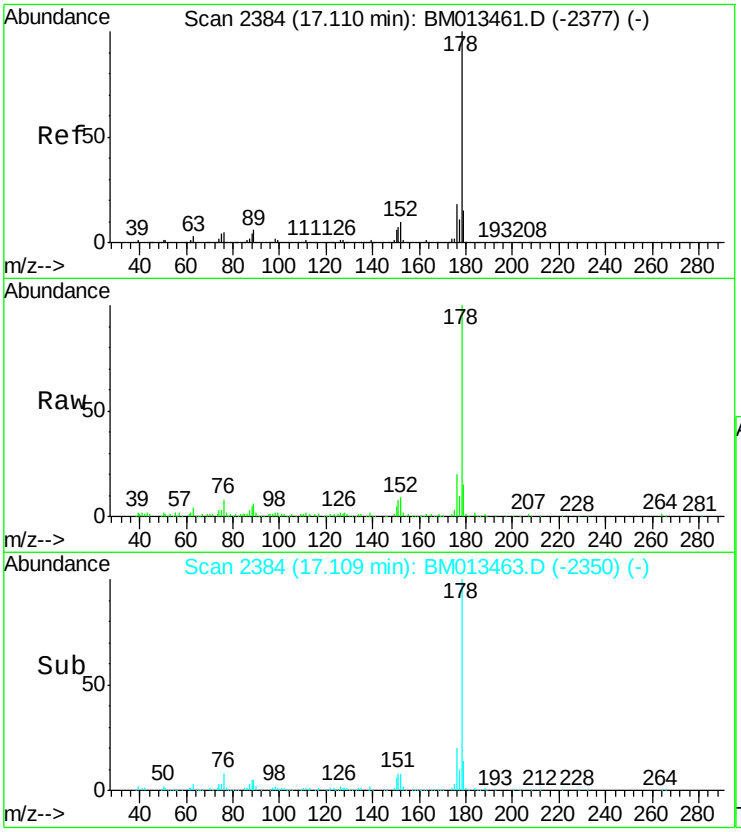


#68
Pentachlorophenol
Concen: 22.64 ng/ul
RT: 16.72 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BM013463.D
Acq: 16 Dec 2017 05:51

Tgt Ion:266 Resp: 263824

Ion	Ratio	Lower	Upper
266	100		
264	56.3	49.3	73.9
268	62.5	52.6	78.8



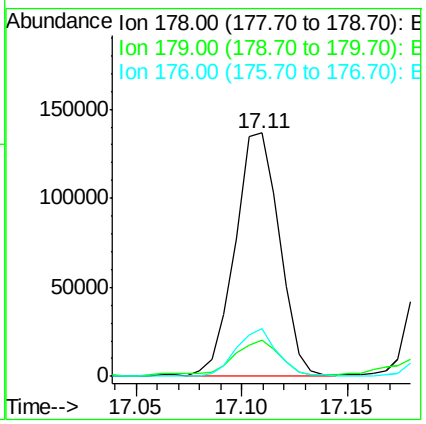


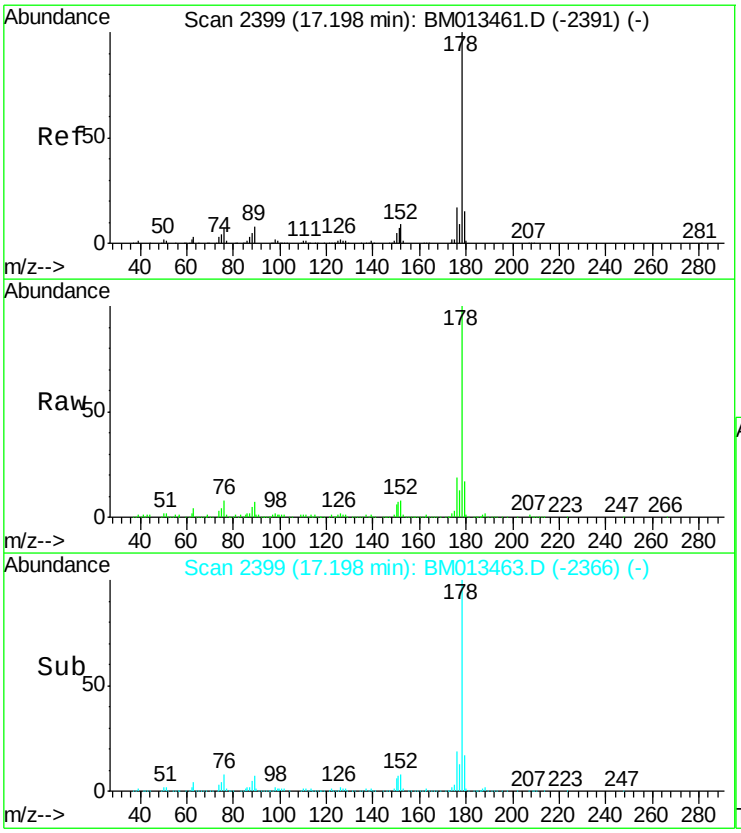
#69
Phenanthrene
Concen: 2.24 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BM013463.D
Acq: 16 Dec 2017 05:51

Instrument :
BNA_M
ClientSampleId :
F9A36

Tgt Ion:178 Resp: 198174

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.6	19.0
176	19.8	14.9	22.3

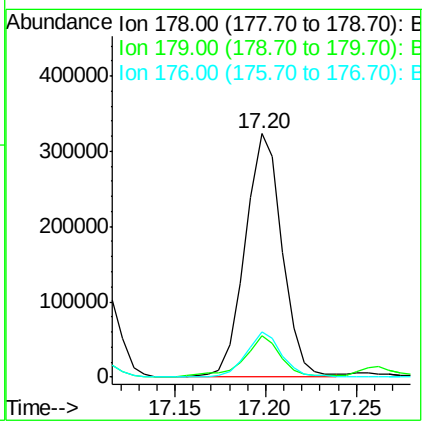


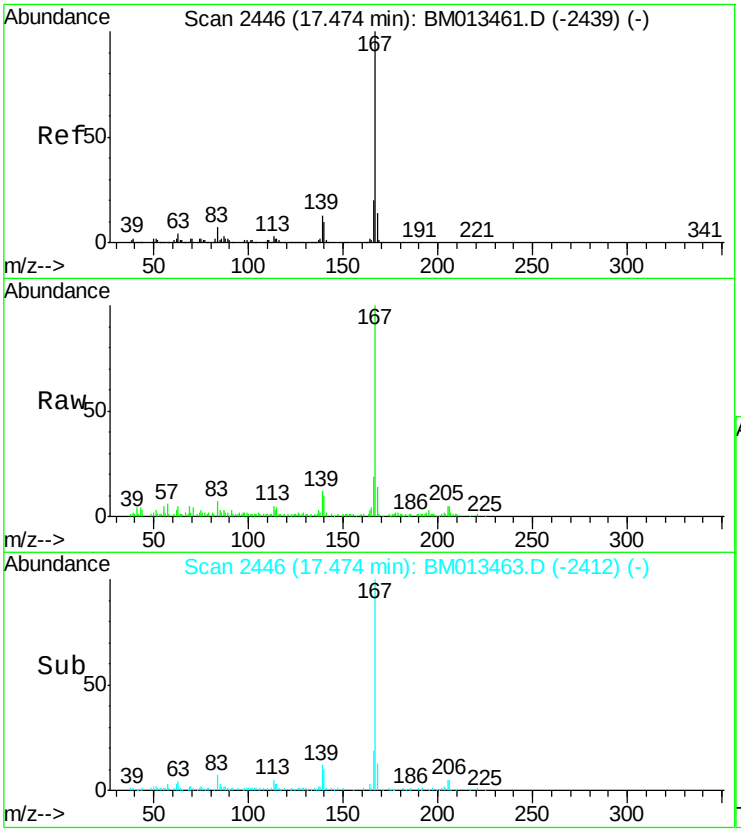


#71
Anthracene
Concen: 5.05 ng/ul
RT: 17.20 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM013463.D
Acq: 16 Dec 2017 05:51

Tgt Ion:178 Resp: 455749

Ion	Ratio	Lower	Upper
178	100		
179	17.1	11.7	17.5
176	18.7	14.6	21.8



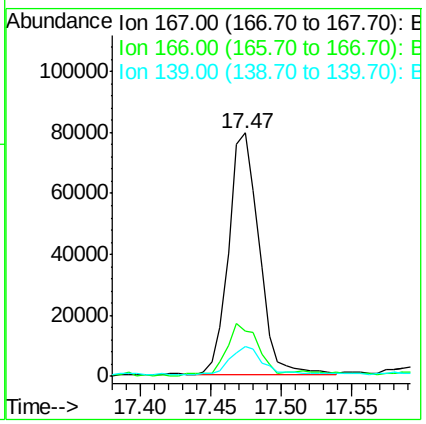


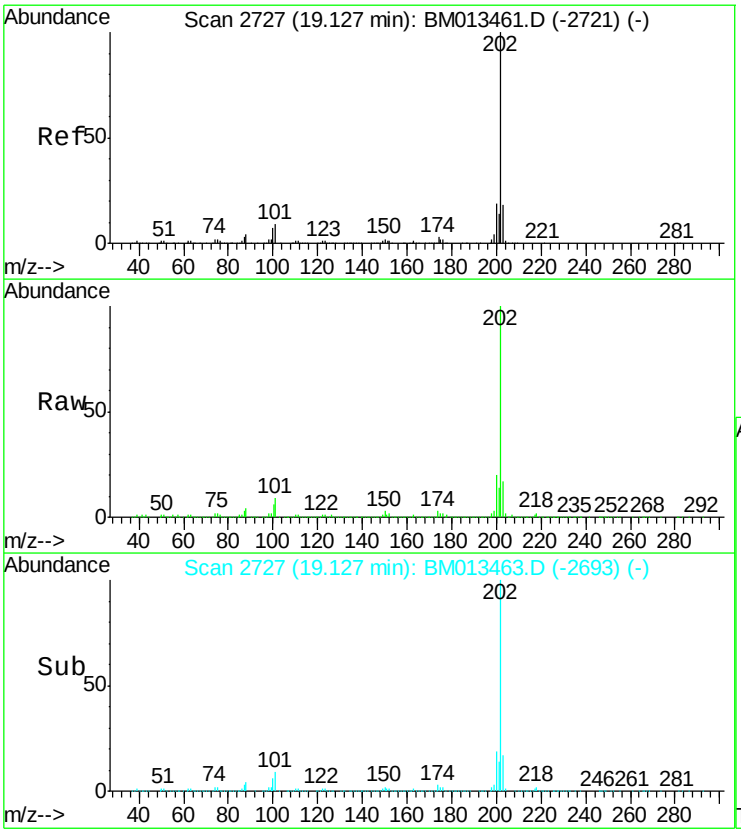
#72
Carbazole
Concen: 1.53 ng/ul
RT: 17.47 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BM013463.D
Acq: 16 Dec 2017 05:51

Instrument :
BNA_M
ClientSampleId :
F9A36

Tgt Ion:167 Resp: 119068

Ion	Ratio	Lower	Upper
167	100		
166	18.7	17.1	25.7
139	12.4	10.0	15.0

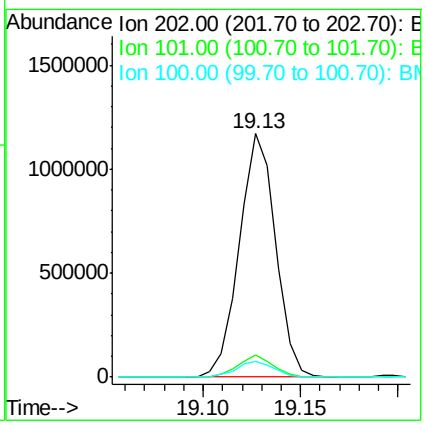


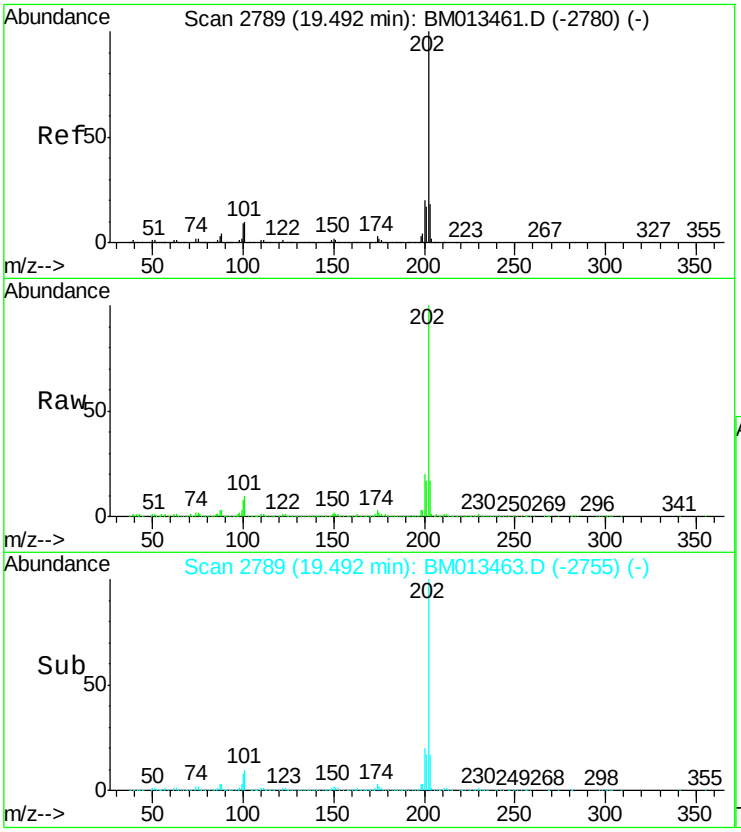


#74
Fluoranthene
Concen: 13.84 ng/ul
RT: 19.13 min Scan# 2727
Delta R.T. -0.00 min
Lab File: BM013463.D
Acq: 16 Dec 2017 05:51

Tgt Ion:202 Resp: 1497997

Ion	Ratio	Lower	Upper
202	100		
101	9.0	4.6	7.0#
100	6.3	3.4	5.2#



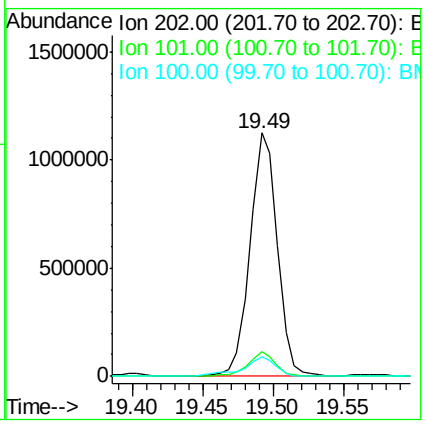


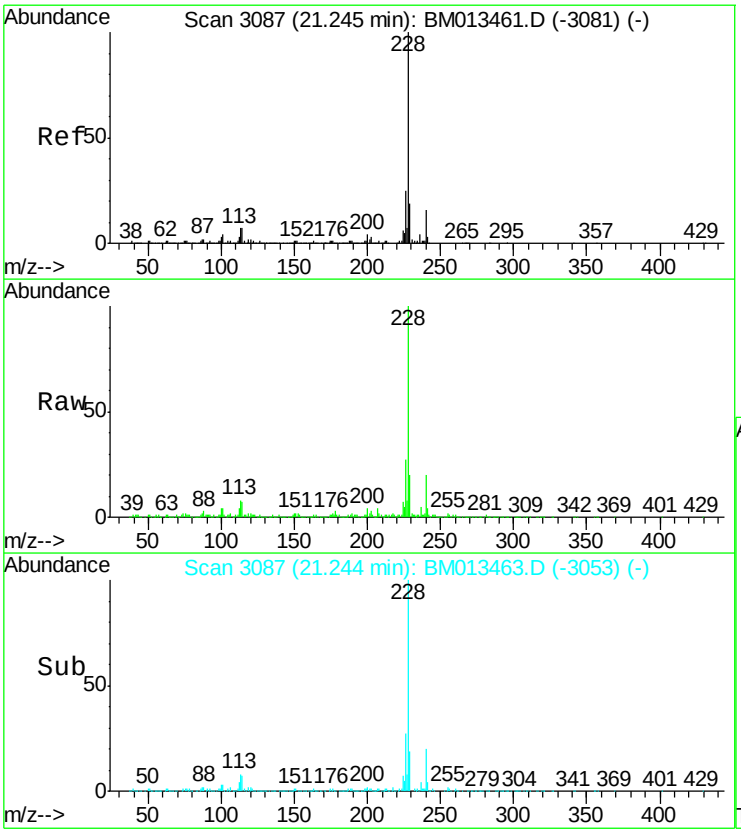
#77
Pyrene
Concen: 22.30 ng/ul
RT: 19.49 min Scan# 2789
Delta R.T. -0.00 min
Lab File: BM013463.D
Acq: 16 Dec 2017 05:51

Instrument :
BNA_M
ClientSampleId :
F9A36

Tgt Ion:202 Resp: 1529220

Ion	Ratio	Lower	Upper
202	100		
101	9.9	5.1	7.7#
100	8.2	4.9	7.3#

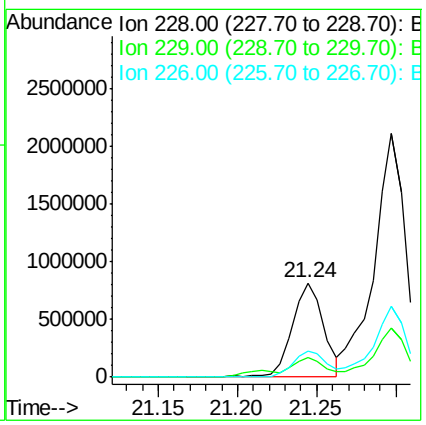


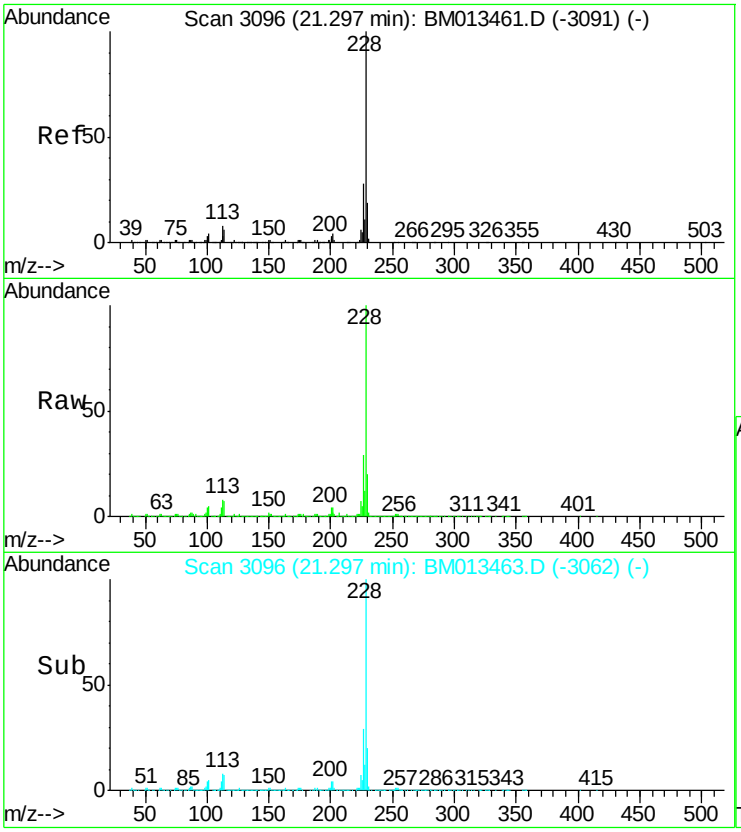


#80
Benzo(a)anthracene
Concen: 15.32 ng/ul
RT: 21.24 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BM013463.D
Acq: 16 Dec 2017 05:51

Tgt Ion:228 Resp: 1097604

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.4	23.0
226	27.4	21.4	32.0



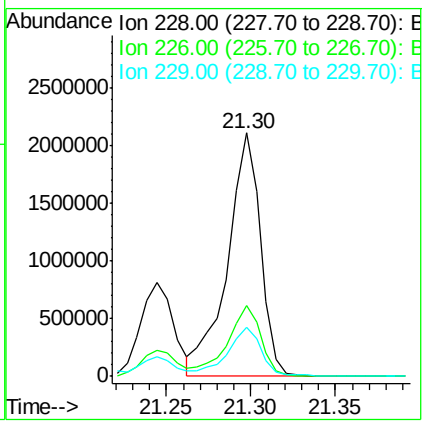


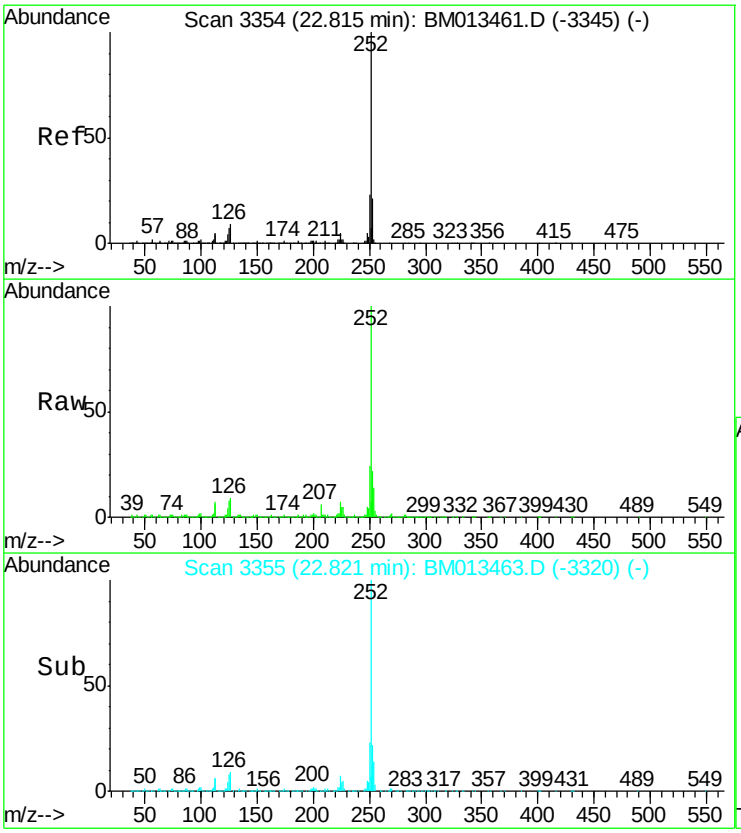
#82
Chrysene
Concen: 42.93 ng/ul
RT: 21.30 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BM013463.D
Acq: 16 Dec 2017 05:51

Instrument :
BNA_M
ClientSampleId :
F9A36

Tgt Ion:228 Resp: 2852935

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.2
229	20.2	15.5	23.3

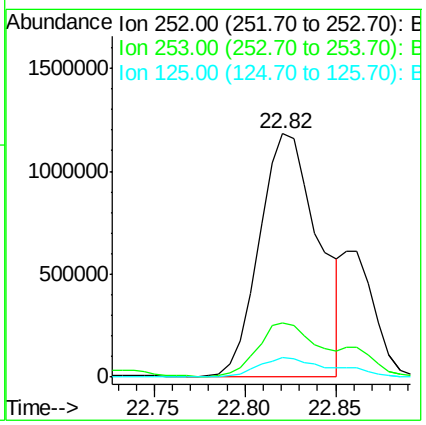


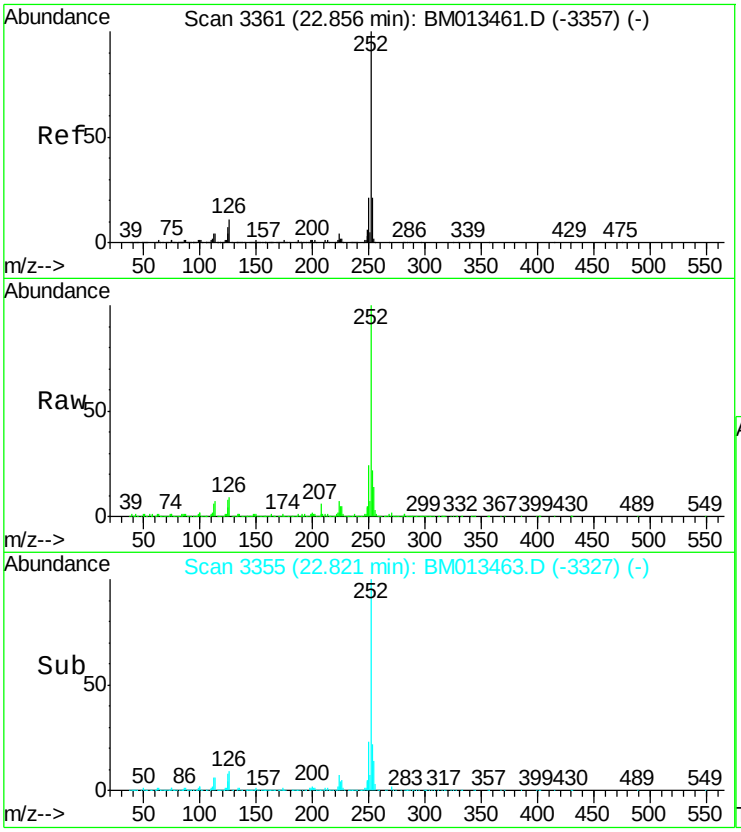


#85
Benzo(b)fluoranthene
Concen: 39.97 ng/ul
RT: 22.82 min Scan# 3355
Delta R.T. 0.01 min
Lab File: BM013463.D
Acq: 16 Dec 2017 05:51

Tgt Ion:252 Resp: 2675168

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	8.1	3.6	5.4#



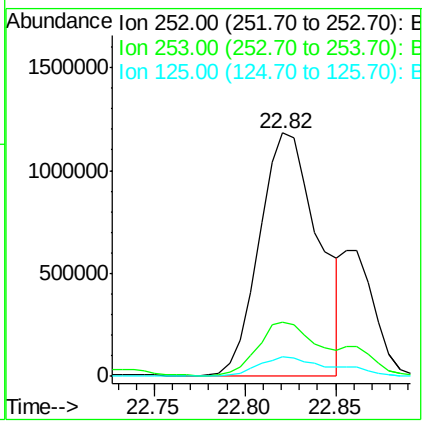


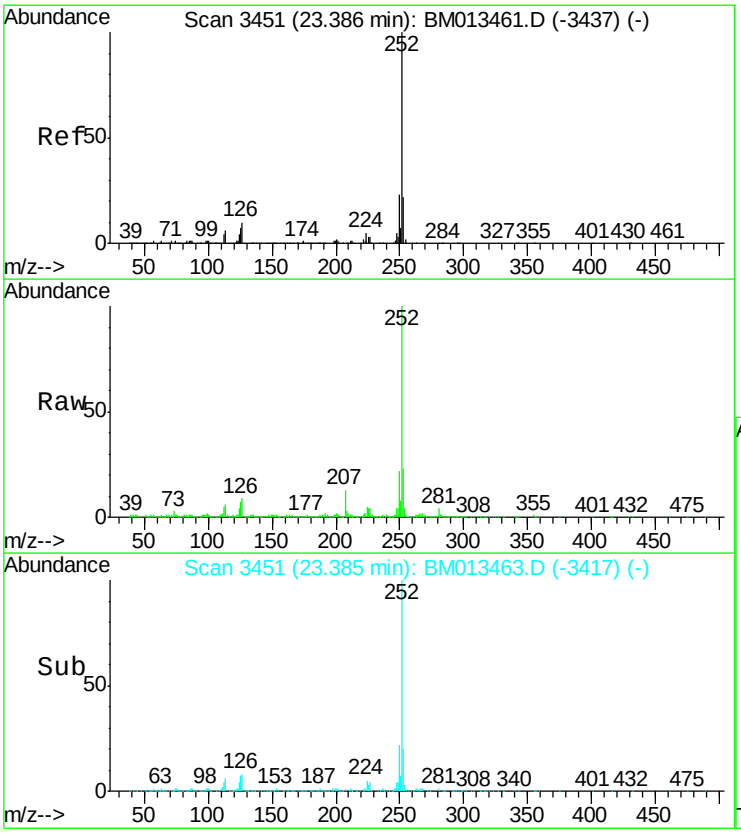
#86
Benzo(k)fluoranthene
Concen: 42.47 ng/ul
RT: 22.82 min Scan# 3355
Delta R.T. -0.04 min
Lab File: BM013463.D
Acq: 16 Dec 2017 05:51

Instrument :
BNA_M
ClientSampleId :
F9A36

Tgt Ion:252 Resp: 2675168

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	8.1	3.4	5.2#

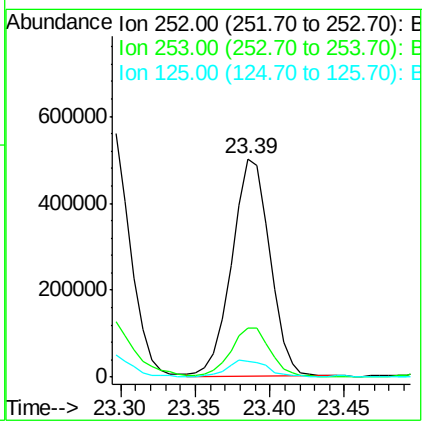


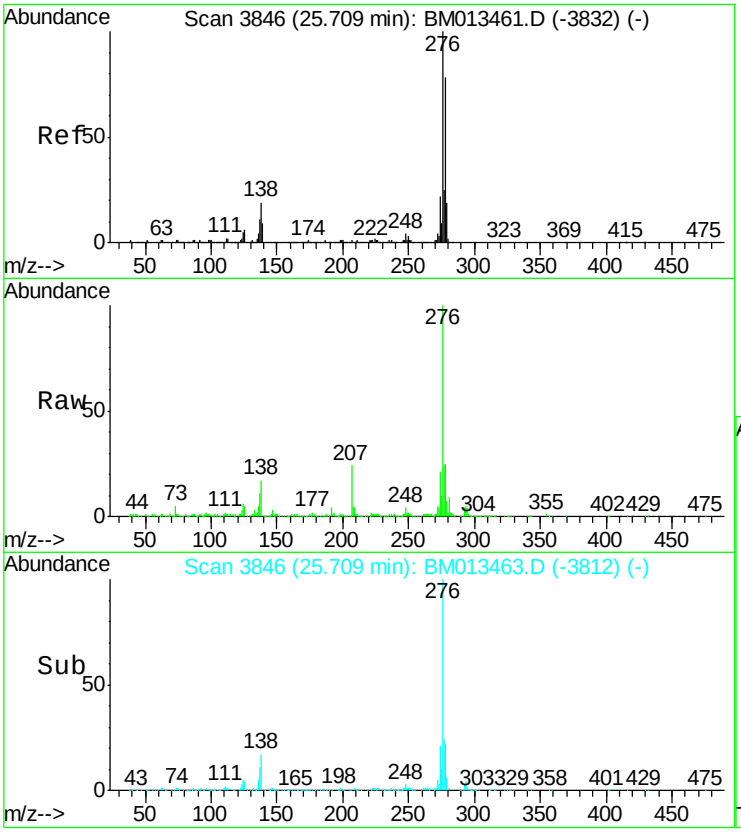


#88
Benzo(a)pyrene
Concen: 14.74 ng/ul
RT: 23.39 min Scan# 3451
Delta R.T. -0.00 min
Lab File: BM013463.D
Acq: 16 Dec 2017 05:51

Tgt Ion:252 Resp: 886544

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	7.4	4.0	6.0#



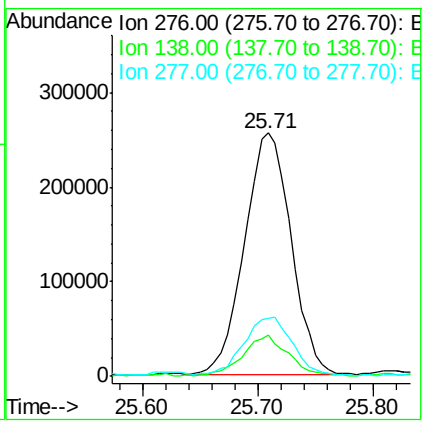


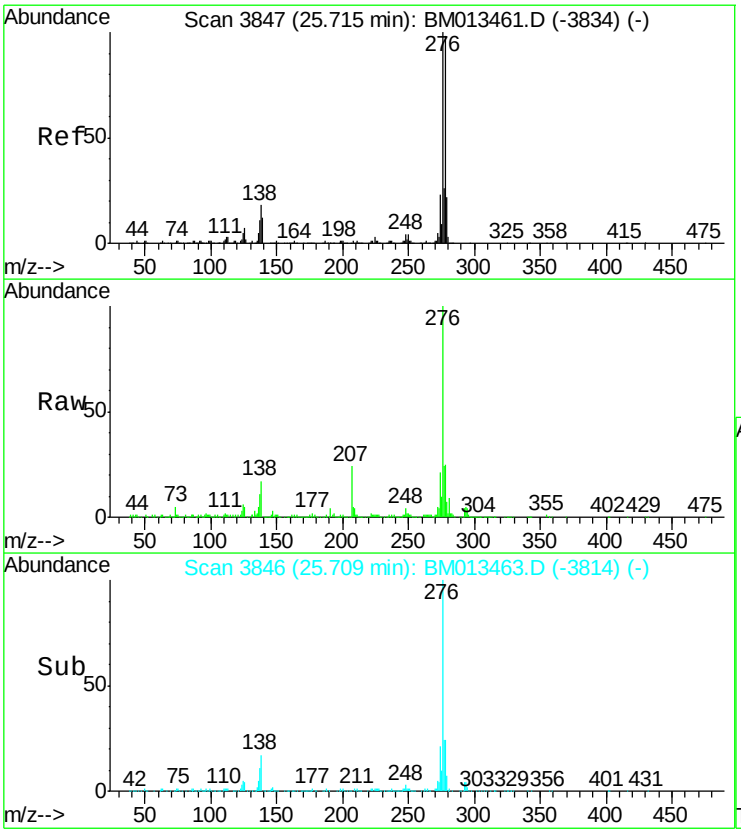
#89
Indeno(1,2,3-cd)pyrene
Concen: 11.98 ng/ul
RT: 25.71 min Scan# 3846
Delta R.T. -0.00 min
Lab File: BM013463.D
Acq: 16 Dec 2017 05:51

Instrument :
BNA_M
ClientSampleId :
F9A36

Tgt Ion:276 Resp: 714735

Ion	Ratio	Lower	Upper
276	100		
138	16.8	9.3	13.9#
277	23.9	19.9	29.9

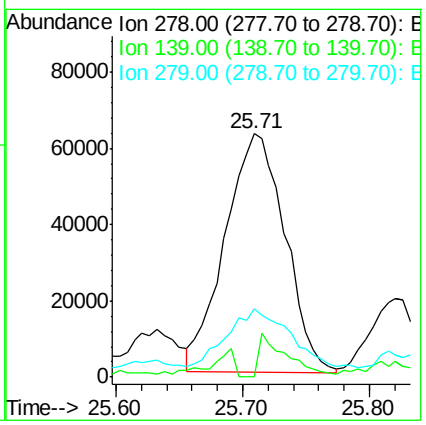


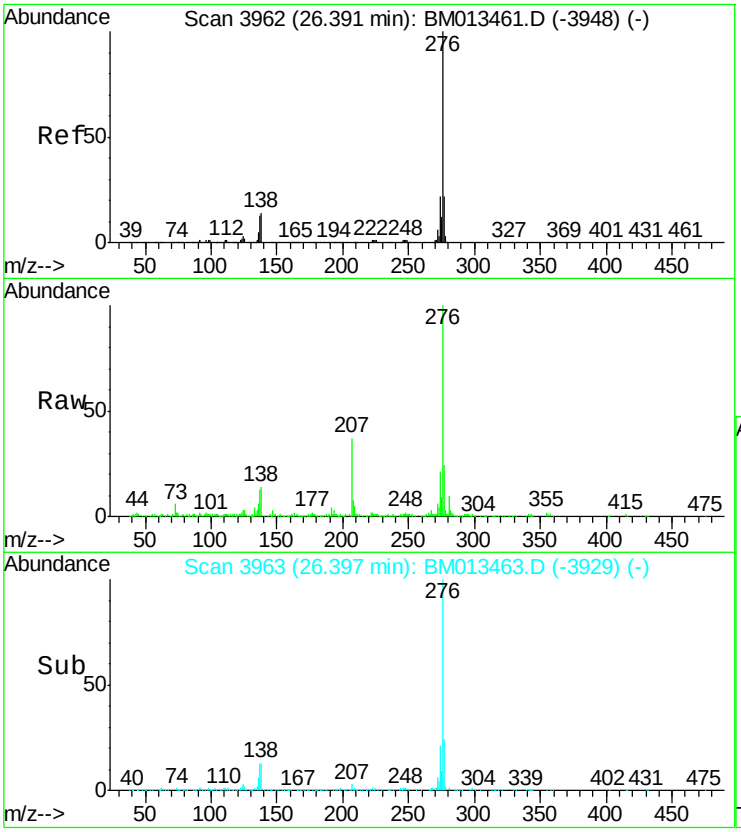


#90
Dibenzo(a,h)anthracene
Concen: 4.05 ng/ul
RT: 25.71 min Scan# 3846
Delta R.T. -0.01 min
Lab File: BM013463.D
Acq: 16 Dec 2017 05:51

Tgt Ion:278 Resp: 205533

Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	28.1	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 11.63 ng/ul
RT: 26.40 min Scan# 3963
Delta R.T. -0.00 min
Lab File: BM013463.D
Acq: 16 Dec 2017 05:51

Instrument :
BNA_M
ClientSampleId :
F9A36

Tgt Ion:276 Resp: 547261

Ion	Ratio	Lower	Upper
276	100		
138	13.6	8.5	12.7#
277	24.3	18.6	28.0