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

Quantitation Report (Not Reviewed)

Data File : BM013475.D
Acq On : 16 Dec 2017 12:58
Operator : SJ/JU
Sample : I6799-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0298

Quant Time: Dec 18 00:31:11 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	319270	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1382541	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	786851	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1648626	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1156851	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1004213	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	28783	4.47	ng/uL	0.00
5) Phenol-d5	6.86	99	732664	26.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	436096	27.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	616467	28.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	605065	25.64	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	316150	28.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	346163	29.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	635139	26.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	632370	28.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1918883	27.40	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	2487584	28.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	234053	19.24	ng/ul	0.00
57) Fluorene-d10	15.32	176	1636718	27.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	74807	7.21	ng/ul	0.00
70) Anthracene-d10	17.17	188	2289258	27.73	ng/ul	0.00
76) Pyrene-d10	19.47	212	2179205	37.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1443329	28.22	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.88	94	84574	3.10	ng/ul#	85
44) Dimethylphthalate	13.78	163	500737	7.48	ng/ul	99
58) Fluorene	15.37	166	66957	1.01	ng/ul#	96
69) Phenanthrene	17.11	178	2634256	28.13	ng/ul	99
71) Anthracene	17.20	178	243706	2.55	ng/ul	98
72) Carbazole	17.47	167	328880	3.99	ng/ul	97
74) Fluoranthene	19.14	202	7304055	63.64	ng/ul#	91
77) Pyrene	19.50	202	5406440	76.93	ng/ul#	92
80) Benzo(a)anthracene	21.25	228	1869033	25.46	ng/ul	99
82) Chrysene	21.30	228	2378246	34.92	ng/ul	97
85) Benzo(b)fluoranthene	22.83	252	2801607	41.39	ng/ul#	98
86) Benzo(k)fluoranthene	22.83	252	2801607	43.98	ng/ul#	97
88) Benzo(a)pyrene	23.40	252	1710222	28.12	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.72	276	1325084	21.96	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.73	278	297025	5.78	ng/ul#	95
91) Benzo(g,h,i)perylene	26.41	276	1048613	22.03	ng/ul#	93

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

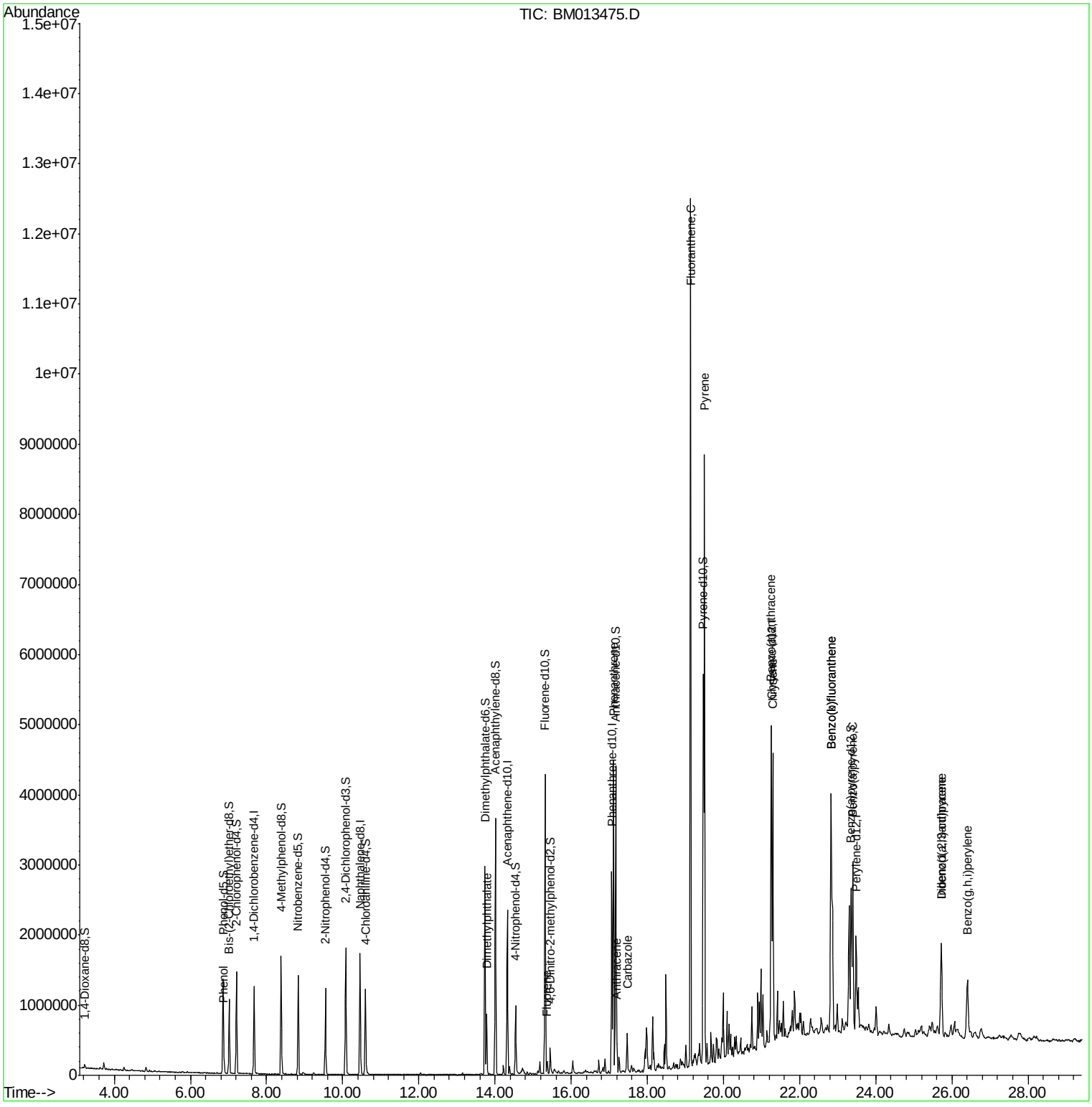
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

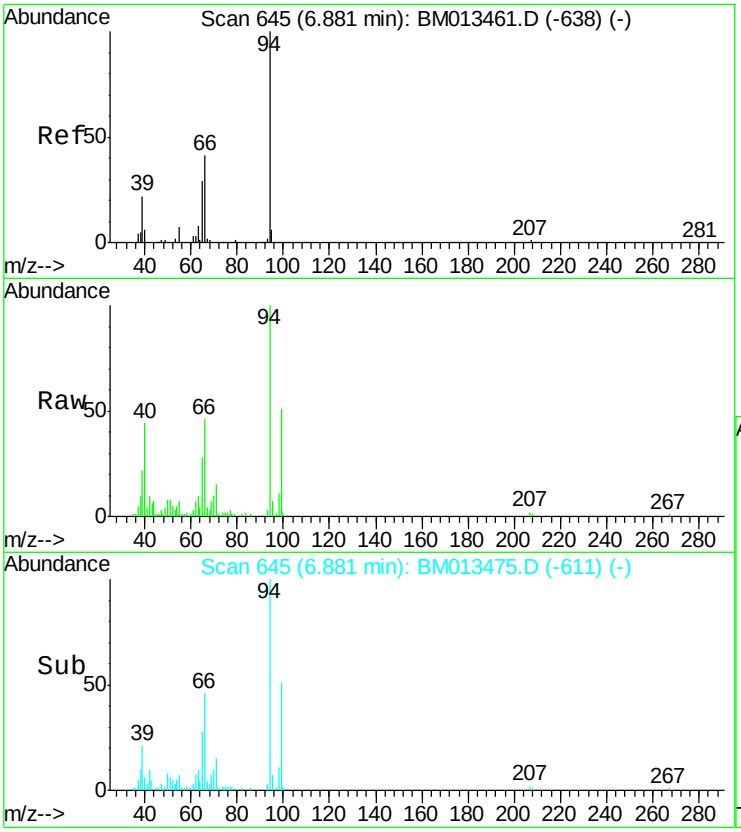
Quantitation Report (Not Reviewed)

Data File : BM013475.D
Acq On : 16 Dec 2017 12:58
Operator : SJ/JU
Sample : I6799-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0298

Quant Time: Dec 18 00:31:11 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



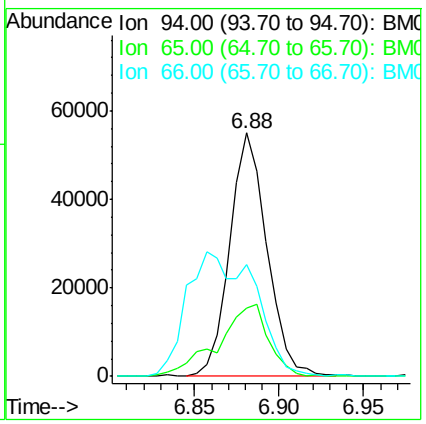


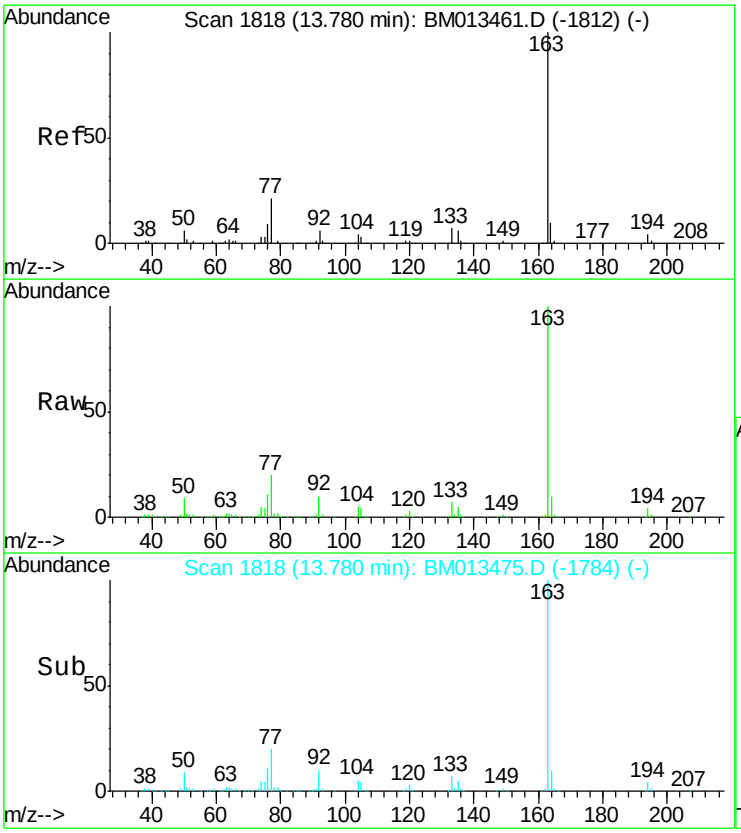
#6
Phenol
Concen: 3.10 ng/ul
RT: 6.88 min Scan# 645
Delta R.T. -0.00 min
Lab File: BM013475.D
Acq: 16 Dec 2017 12:58

Instrument :
BNA_M
ClientSampleId :
C0298

Tgt Ion: 94 Resp: 84574

Ion	Ratio	Lower	Upper
94	100		
65	28.3	28.2	42.4
66	46.0	47.2	70.8#

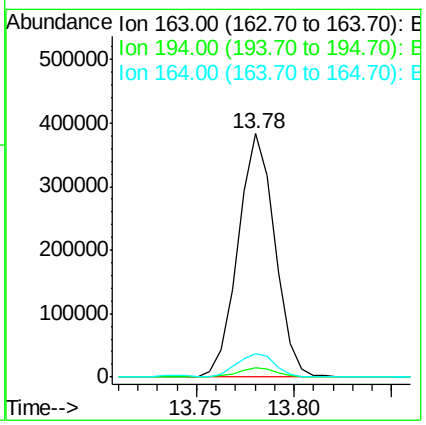


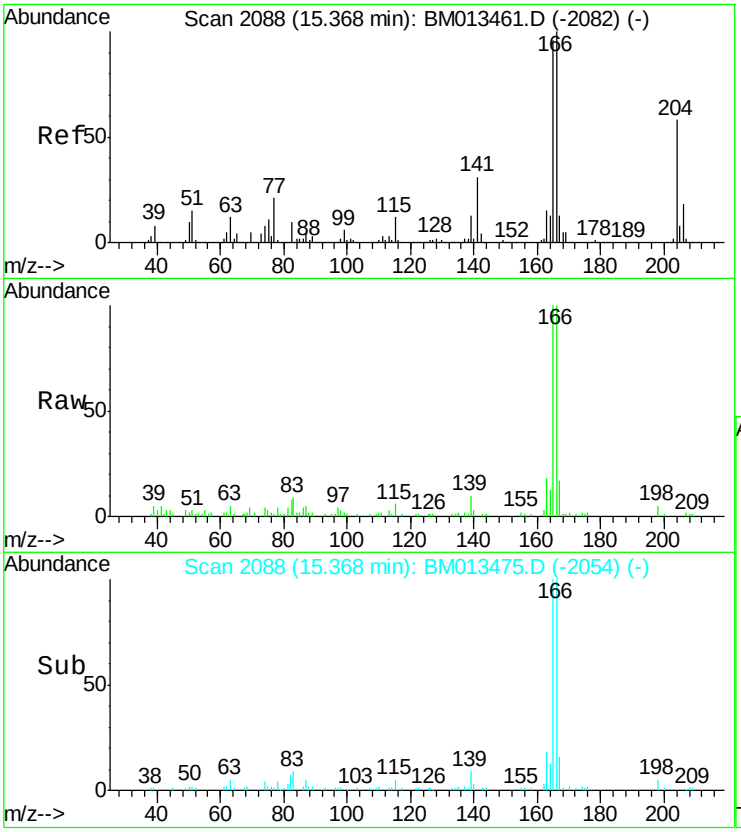


#44
Dimethylphthalate
Concen: 7.48 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BM013475.D
Acq: 16 Dec 2017 12:58

Tgt Ion:163 Resp: 500737

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	9.9	8.2	12.4



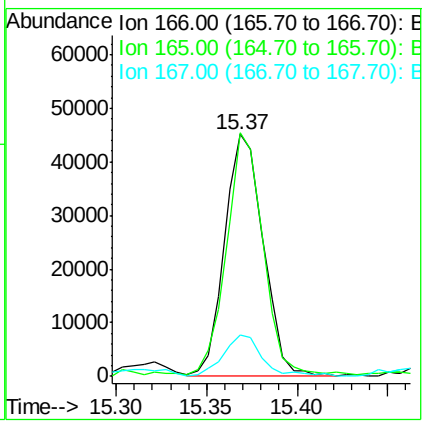


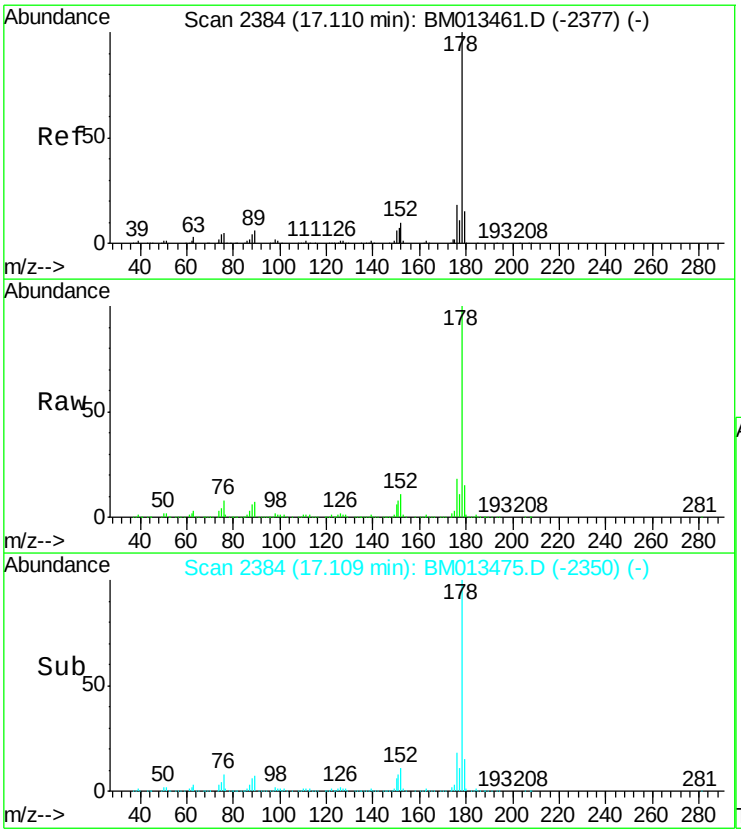
#58
Fluorene
Concen: 1.01 ng/ul
RT: 15.37 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BM013475.D
Acq: 16 Dec 2017 12:58

Instrument :
BNA_M
ClientSampleId :
C0298

Tgt Ion:166 Resp: 66957

Ion	Ratio	Lower	Upper
166	100		
165	100.5	77.9	116.9
167	17.2	10.6	16.0#

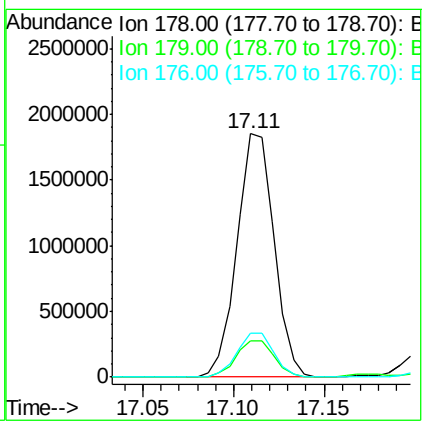


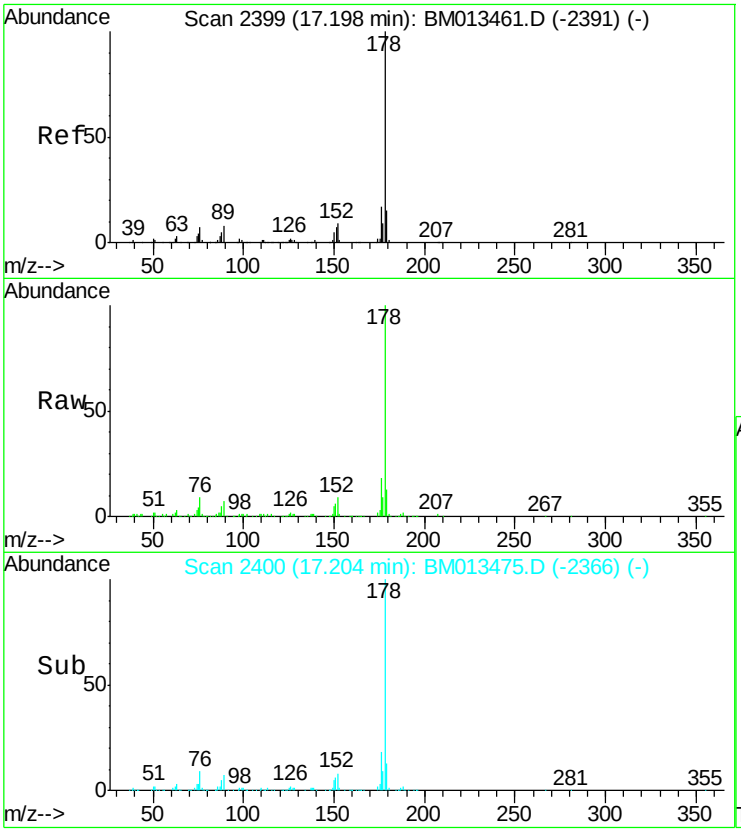


#69
Phenanthrene
Concen: 28.13 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BM013475.D
Acq: 16 Dec 2017 12:58

Tgt Ion:178 Resp: 2634256

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	18.3	14.9	22.3



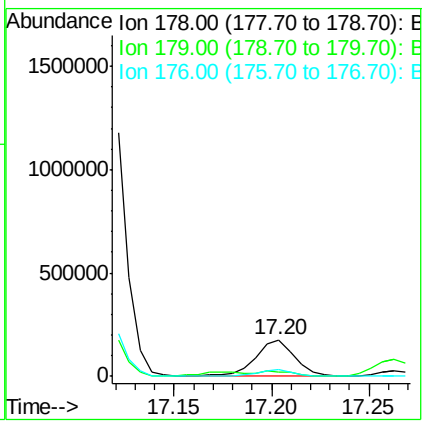


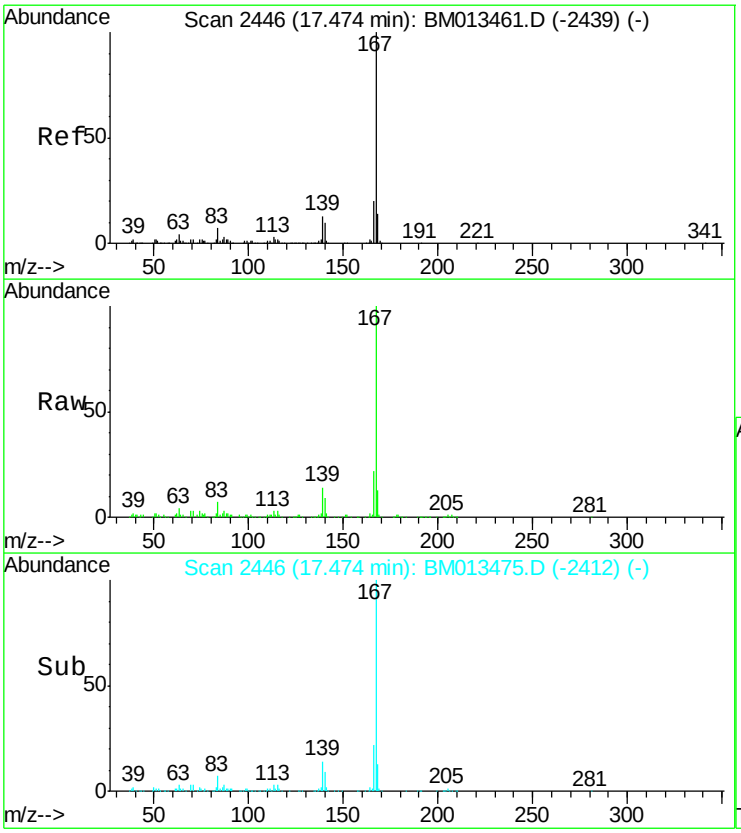
#71
Anthracene
Concen: 2.55 ng/ul
RT: 17.20 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BM013475.D
Acq: 16 Dec 2017 12:58

Instrument :
BNA_M
ClientSampleId :
C0298

Tgt Ion:178 Resp: 243706

Ion	Ratio	Lower	Upper
178	100		
179	13.3	11.7	17.5
176	17.8	14.6	21.8

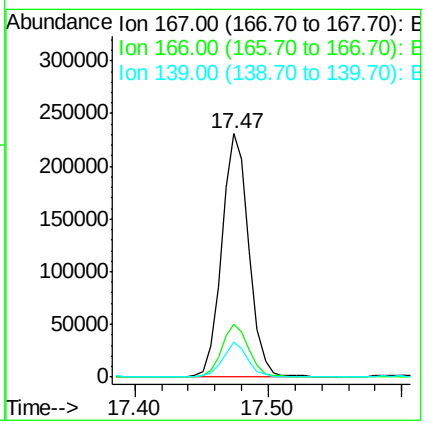


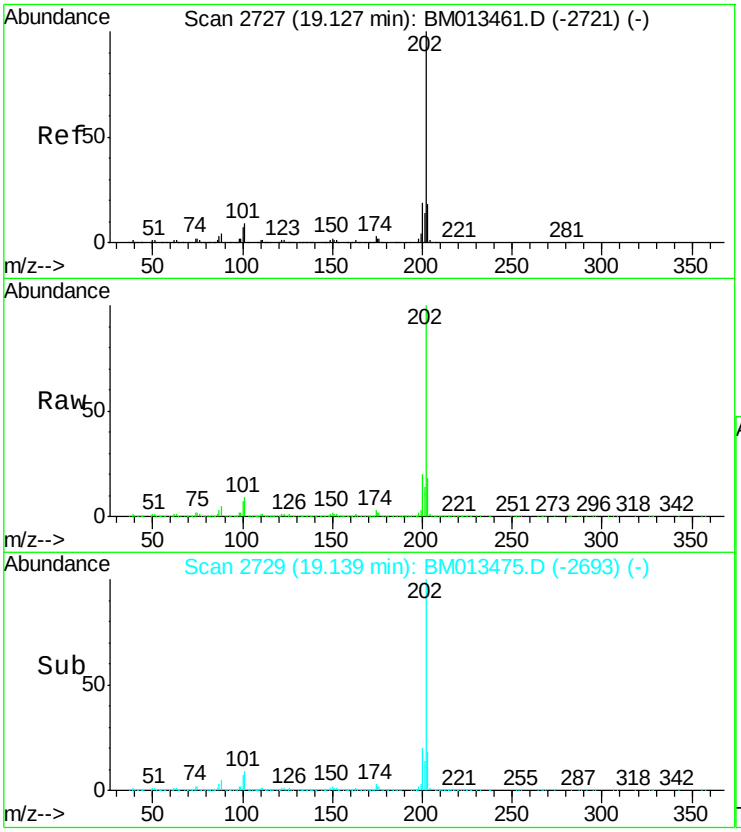


#72
Carbazole
Concen: 3.99 ng/ul
RT: 17.47 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BM013475.D
Acq: 16 Dec 2017 12:58

Tgt Ion:167 Resp: 328880

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.1	25.7
139	14.4	10.0	15.0



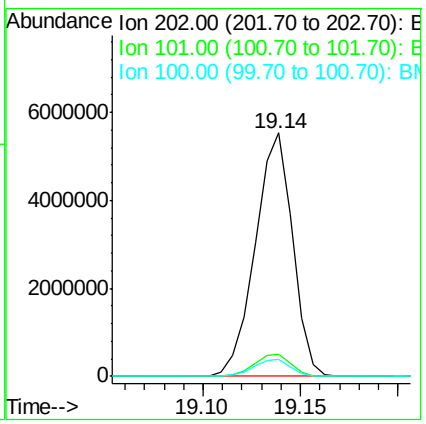


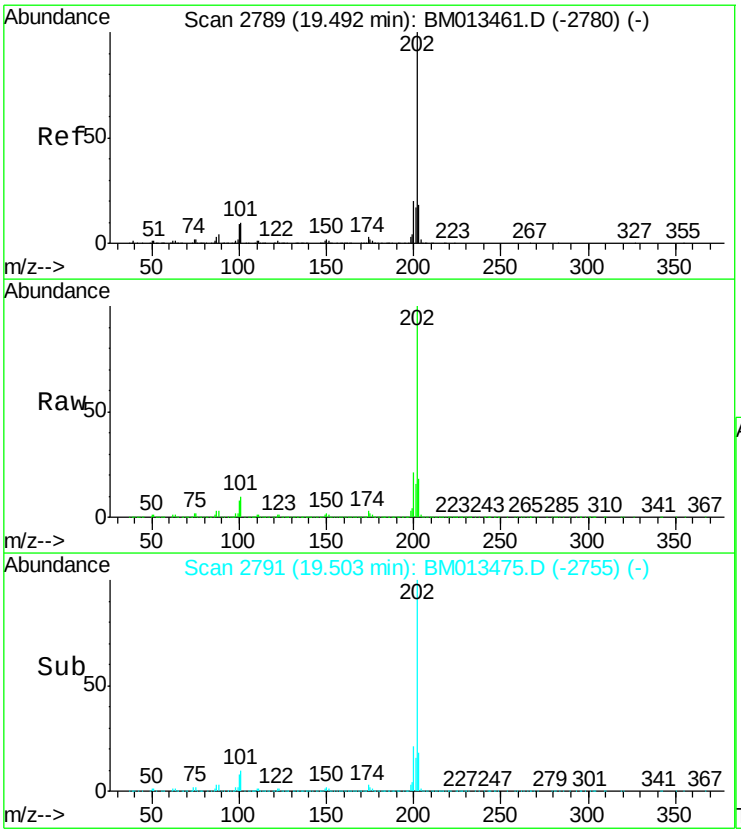
#74
Fluoranthene
Concen: 63.64 ng/ul
RT: 19.14 min Scan# 2729
Delta R.T. 0.01 min
Lab File: BM013475.D
Acq: 16 Dec 2017 12:58

Instrument :
BNA_M
ClientSampleId :
C0298

Tgt Ion:202 Resp: 7304055

Ion	Ratio	Lower	Upper
202	100		
101	9.1	4.6	7.0#
100	7.1	3.4	5.2#

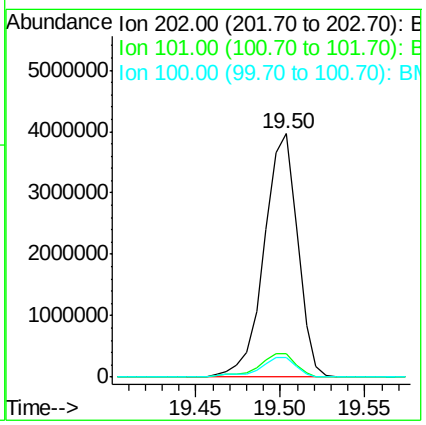


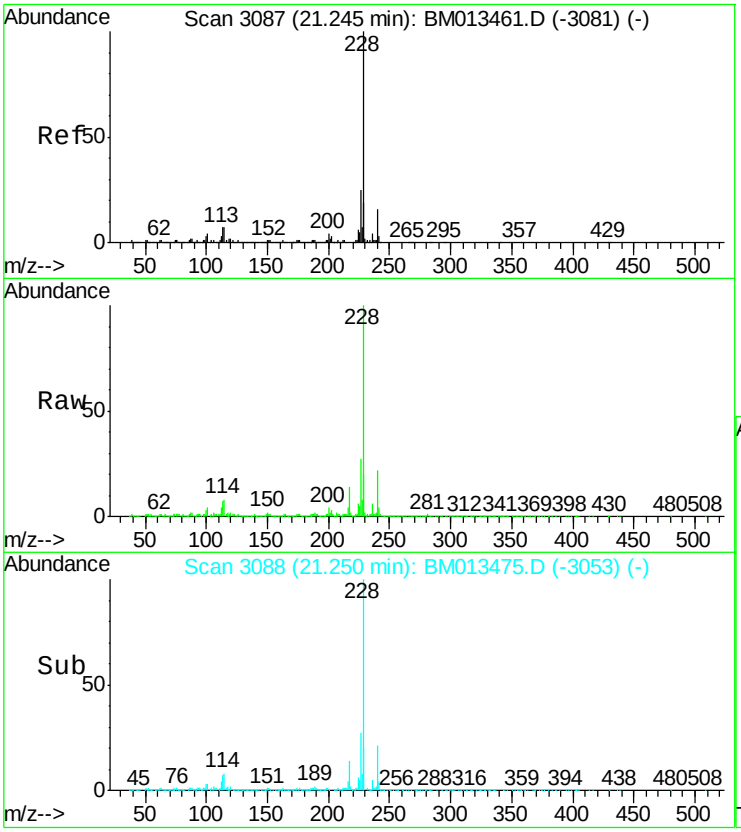


#77
Pyrene
Concen: 76.93 ng/ul
RT: 19.50 min Scan# 2791
Delta R.T. 0.01 min
Lab File: BM013475.D
Acq: 16 Dec 2017 12:58

Tgt Ion:202 Resp: 5406440

Ion	Ratio	Lower	Upper
202	100		
101	9.9	5.1	7.7#
100	8.0	4.9	7.3#



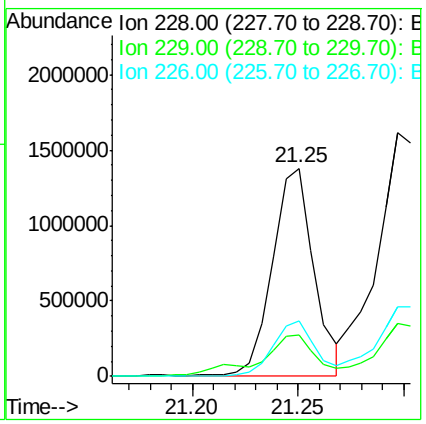


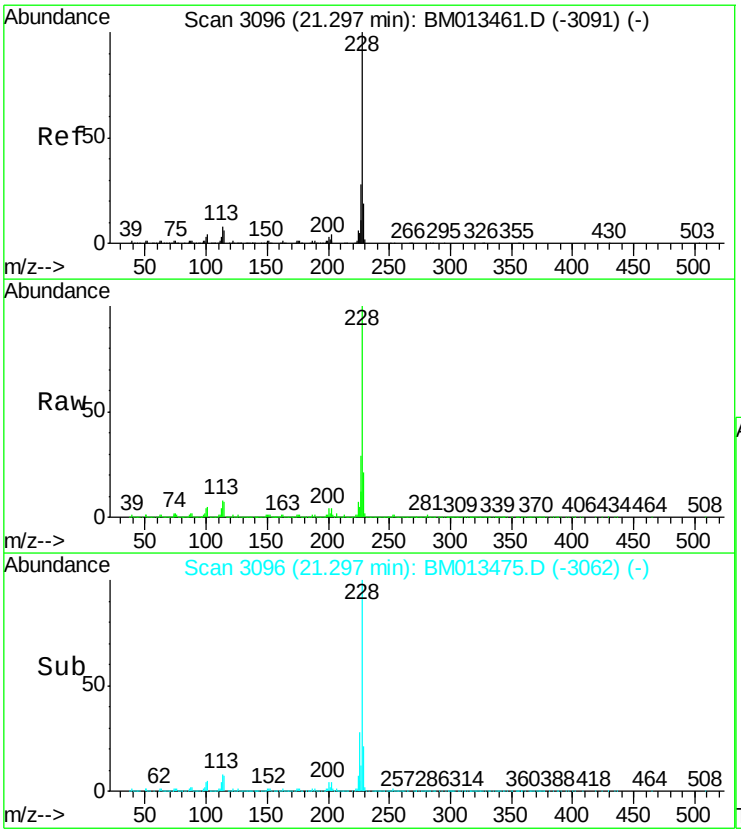
#80
Benzo(a)anthracene
Concen: 25.46 ng/ul
RT: 21.25 min Scan# 3088
Delta R.T. 0.01 min
Lab File: BM013475.D
Acq: 16 Dec 2017 12:58

Instrument :
BNA_M
ClientSampleId :
C0298

Tgt Ion:228 Resp: 1869033

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.4	23.0
226	26.8	21.4	32.0

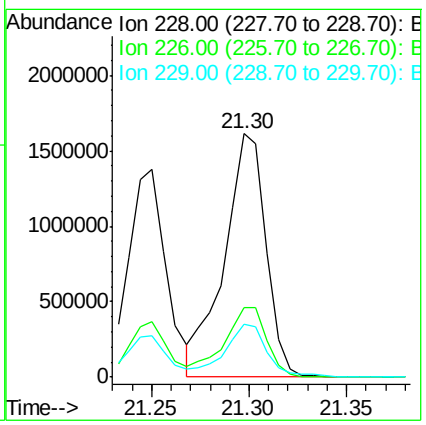


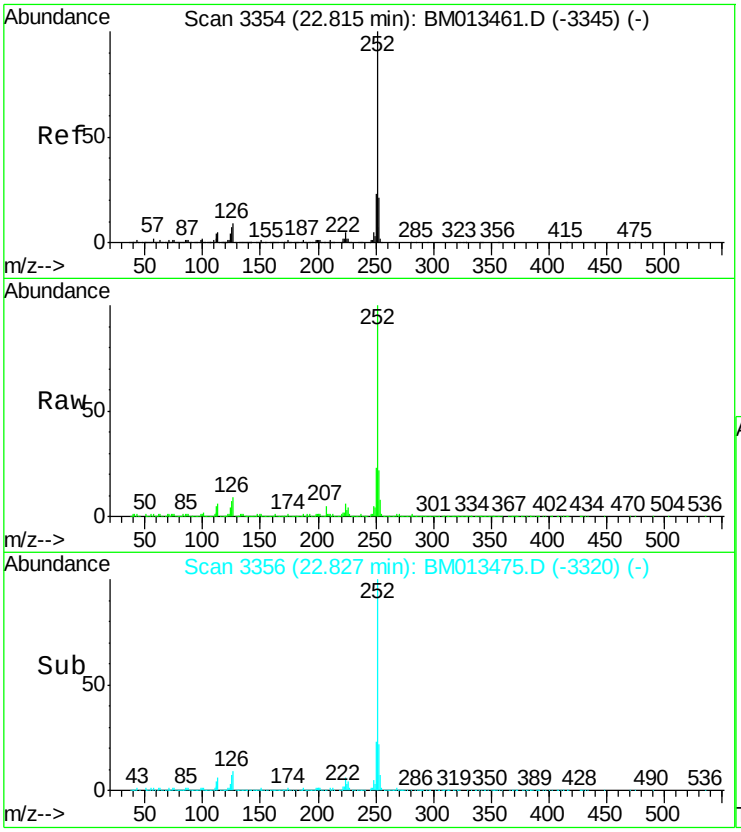


#82
Chrysene
Concen: 34.92 ng/ul
RT: 21.30 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BM013475.D
Acq: 16 Dec 2017 12:58

Tgt Ion:228 Resp: 2378246

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.4	35.2
229	21.5	15.5	23.3



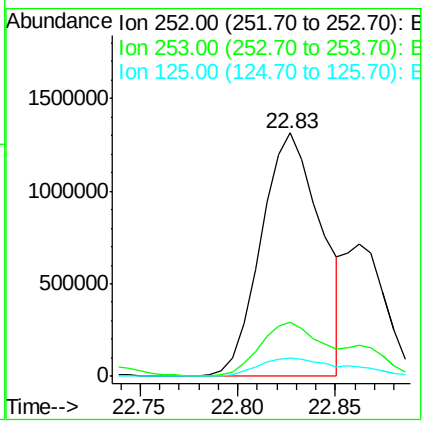


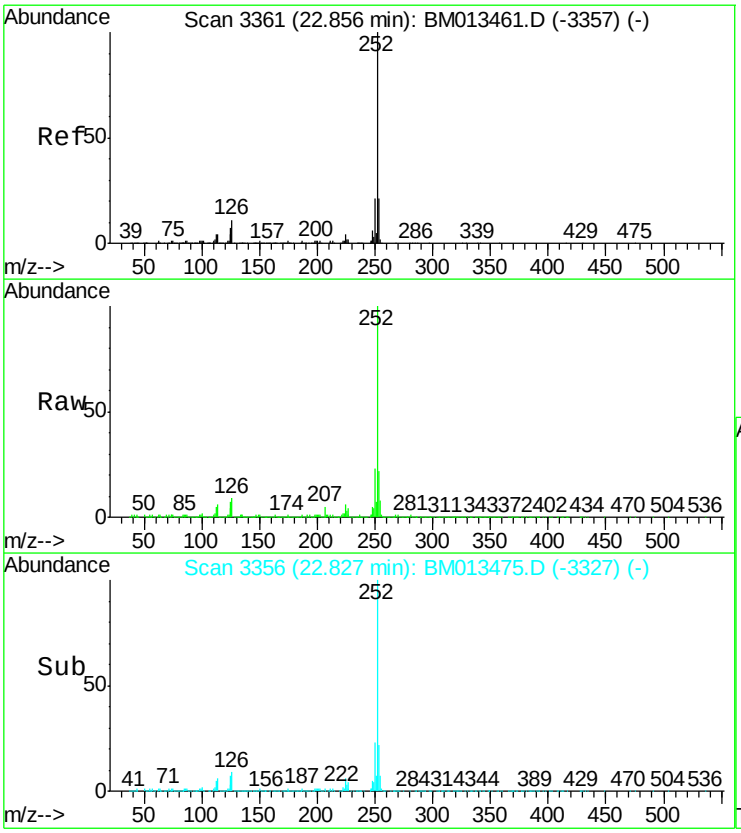
#85
Benzo(b)fluoranthene
Concen: 41.39 ng/ul
RT: 22.83 min Scan# 3356
Delta R.T. 0.01 min
Lab File: BM013475.D
Acq: 16 Dec 2017 12:58

Instrument :
BNA_M
ClientSampleId :
C0298

Tgt Ion:252 Resp: 2801607

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	7.3	3.6	5.4#

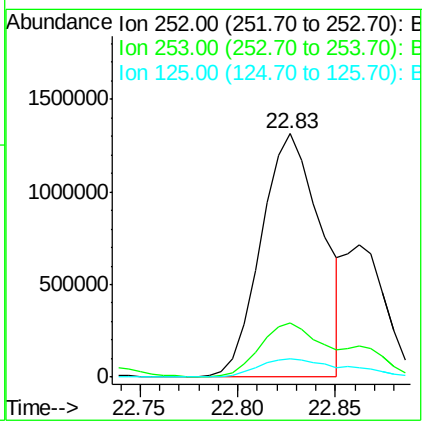


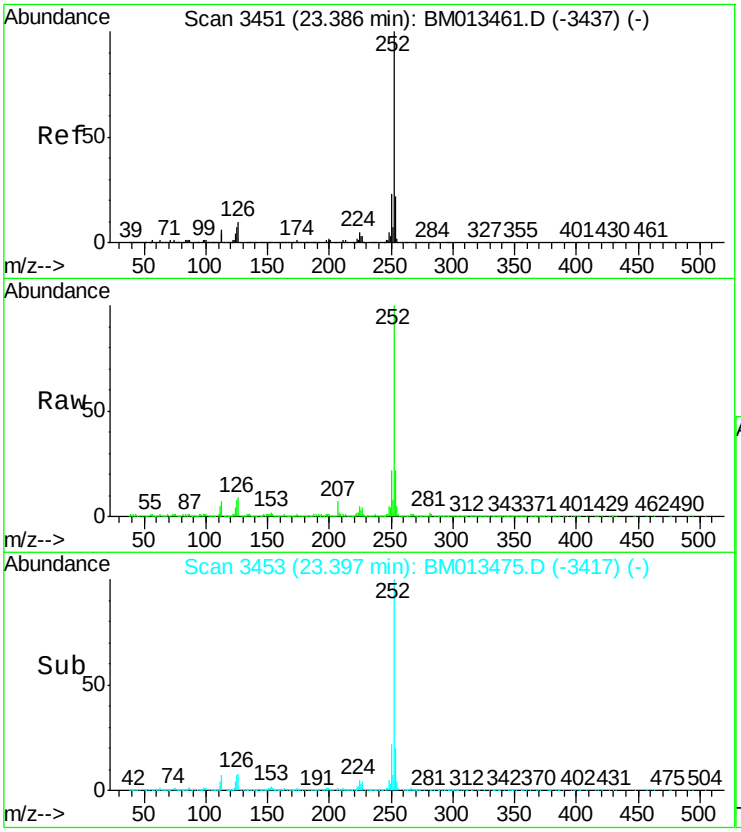


#86
Benzo(k)fluoranthene
Concen: 43.98 ng/ul
RT: 22.83 min Scan# 3356
Delta R.T. -0.03 min
Lab File: BM013475.D
Acq: 16 Dec 2017 12:58

Tgt Ion:252 Resp: 2801607

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	7.3	3.4	5.2#



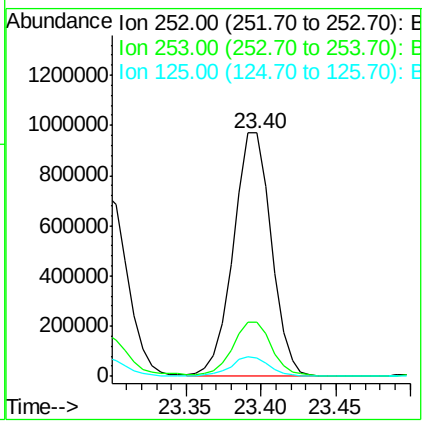


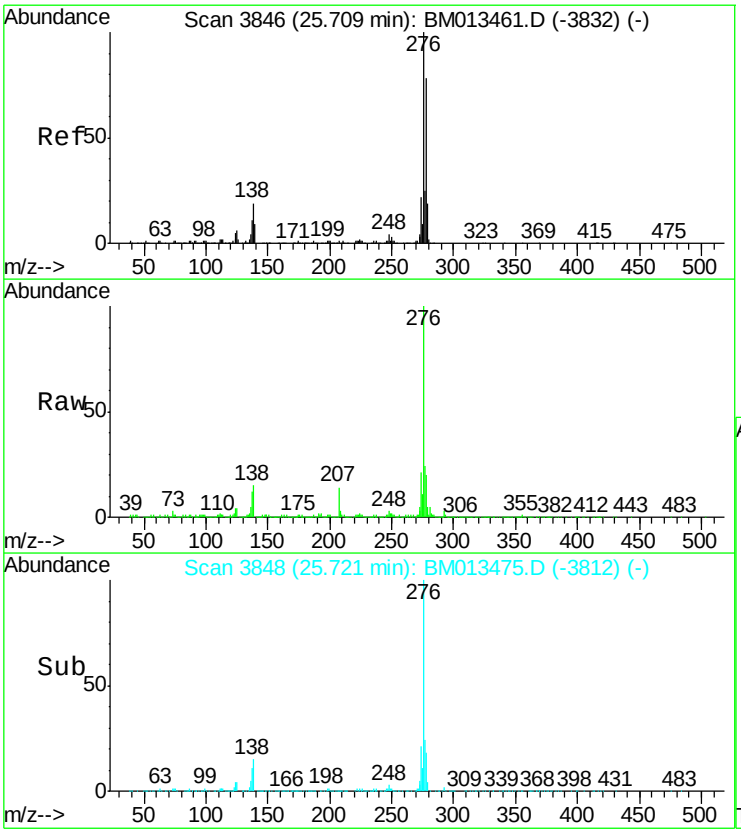
#88
Benzo(a)pyrene
Concen: 28.12 ng/ul
RT: 23.40 min Scan# 3453
Delta R.T. 0.01 min
Lab File: BM013475.D
Acq: 16 Dec 2017 12:58

Instrument :
BNA_M
ClientSampleId :
C0298

Tgt Ion:252 Resp: 1710222

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	7.6	4.0	6.0#

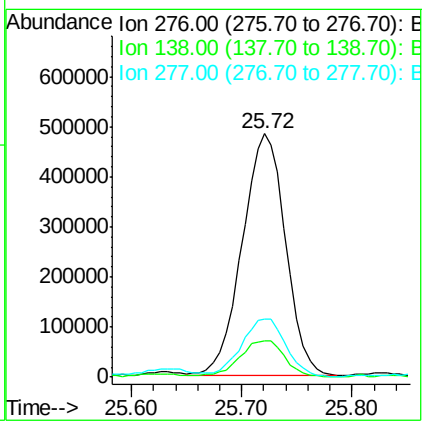


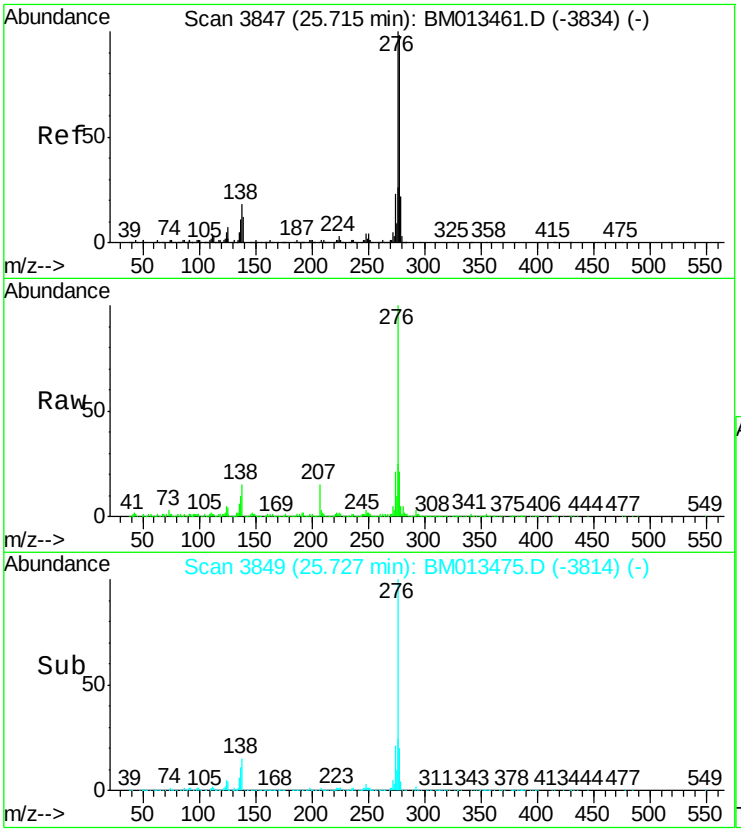


#89
Indeno(1,2,3-cd)pyrene
Concen: 21.96 ng/ul
RT: 25.72 min Scan# 3848
Delta R.T. 0.01 min
Lab File: BM013475.D
Acq: 16 Dec 2017 12:58

Tgt Ion:276 Resp: 1325084

Ion	Ratio	Lower	Upper
276	100		
138	15.1	9.3	13.9#
277	23.8	19.9	29.9



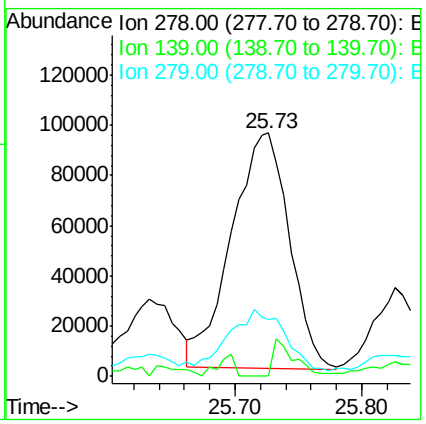


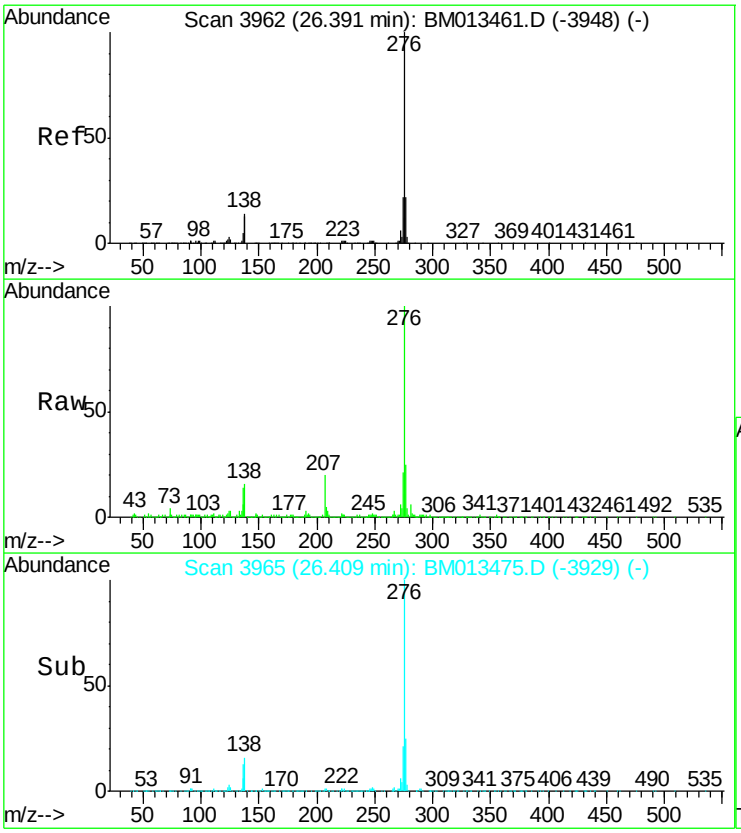
#90
Dibenzo(a,h)anthracene
Concen: 5.78 ng/ul
RT: 25.73 min Scan# 3849
Delta R.T. 0.01 min
Lab File: BM013475.D
Acq: 16 Dec 2017 12:58

Instrument :
BNA_M
ClientSampleId :
C0298

Tgt Ion:278 Resp: 297025

Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	23.3	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 22.03 ng/ul
RT: 26.41 min Scan# 3965
Delta R.T. 0.01 min
Lab File: BM013475.D
Acq: 16 Dec 2017 12:58

Tgt Ion:276 Resp: 1048613

Ion	Ratio	Lower	Upper
276	100		
138	16.1	8.5	12.7#
277	25.3	18.6	28.0