Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013319.D
Acq On : 12 Dec 2017 00:10
Operator : SJ/JU
Sample : I6758-05 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 12 02:14:40 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 12 02:07:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	243037	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1065779	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	635850	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1432302	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1473725	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1203312	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	2250	0.46	ng/uL	0.00
5) Phenol-d5	6.87	99	37968	1.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	27227	2.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	36152	2.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	34913	1.94	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	19939	2.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	18805	2.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	36605	1.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	14186	0.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	122812	2.17	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	168664	2.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	6262	0.64	ng/ul	0.02
57) Fluorene-d10	15.32	176	114976	2.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	8293	0.92	ng/ul	0.00
70) Anthracene-d10	17.17	188	181573	2.53	ng/ul	0.00
76) Pyrene-d10	19.47	212	191337	2.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	132903	2.17	ng/ul	0.00
Target Compounds						Qvalue
47) Acenaphthylene	14.05	152	493311	7.634	ng/ul	99
68) Pentachlorophenol	16.73	266	55150	5.135	ng/ul	93
69) Phenanthrene	17.12	178	281349	3.458	ng/ul	98
71) Anthracene	17.21	178	689845	8.294	ng/ul	98
72) Carbazole	17.49	167	208883	2.920	ng/ul	99
74) Fluoranthene	19.14	202	2514086	25.212	ng/ul#	93
77) Pyrene	19.50	202	2730394	30.496	ng/ul#	93
80) Benzo(a)anthracene	21.26	228	1621894	17.346	ng/ul	92
82) Chrysene	21.31	228	2692036	31.033	ng/ul	99
85) Benzo(b)fluoranthene	22.84	252	5218667	64.335	ng/ul#	98
86) Benzo(k)fluoranthene	22.84	252	5218667	68.364	ng/ul#	97
88) Benzo(a)pyrene	23.40	252	2097909	28.791	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.74	276	2199394	30.420	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.74	278	589145	9.570	ng/ul#	93
91) Benzo(g,h,i)perylene	26.42	276	1763686	30.926	ng/ul#	94

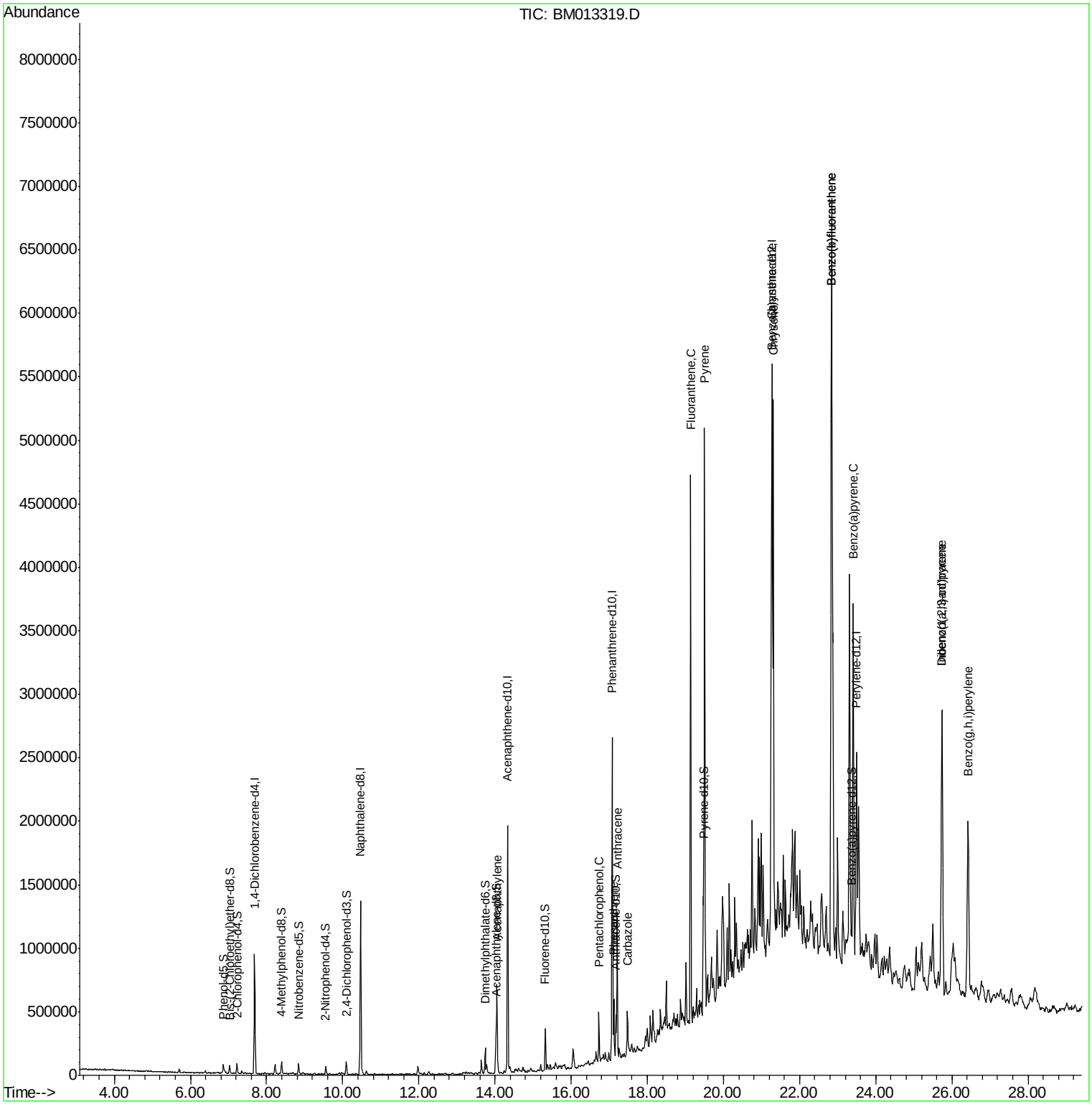
(#) = qualifier out of range (m) = manual integration (+) = signals summed

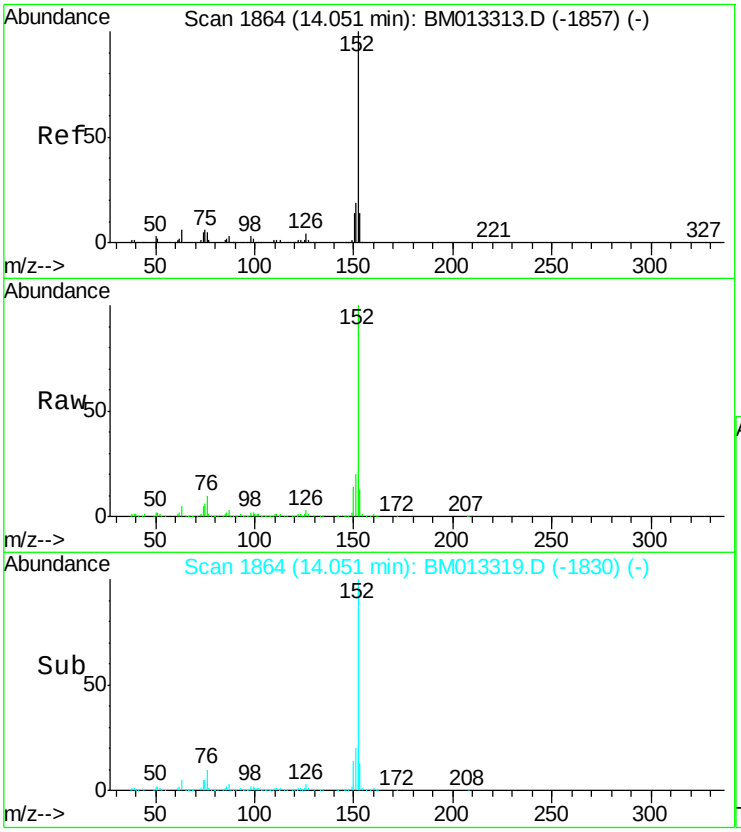
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013319.D
Acq On : 12 Dec 2017 00:10
Operator : SJ/JU
Sample : I6758-05 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 12 02:14:40 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 12 02:07:09 2017
Response via : Initial Calibration



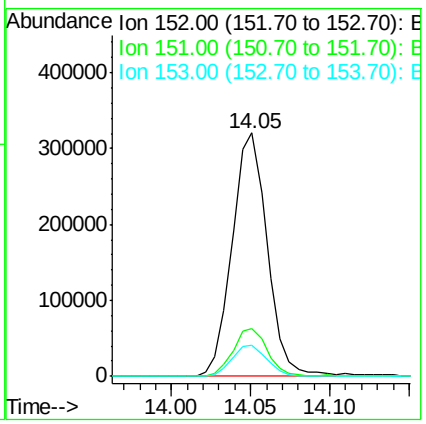


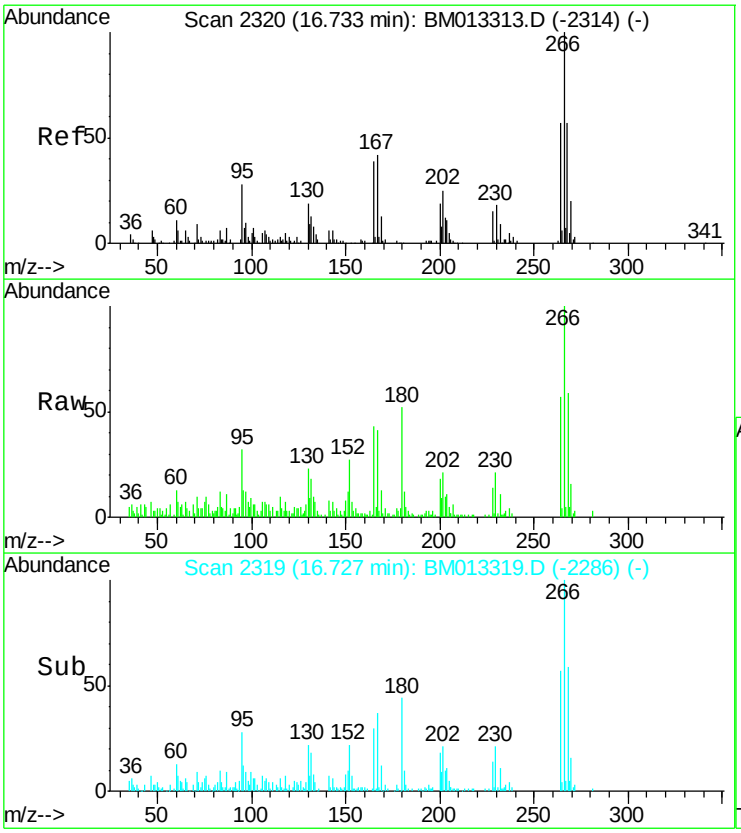
#47
Acenaphthylene
Concen: 7.634 ng/ul
RT: 14.05 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BM013319.D
Acq: 12 Dec 2017 00:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 493311

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.3	24.5
153	12.5	10.2	15.4

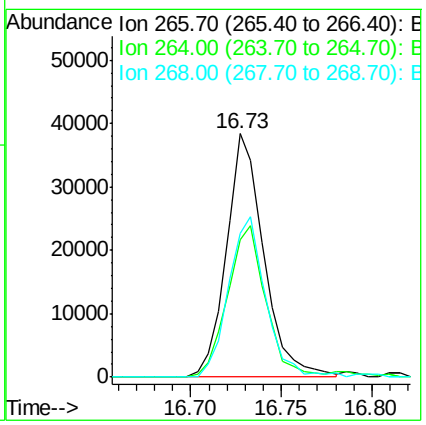


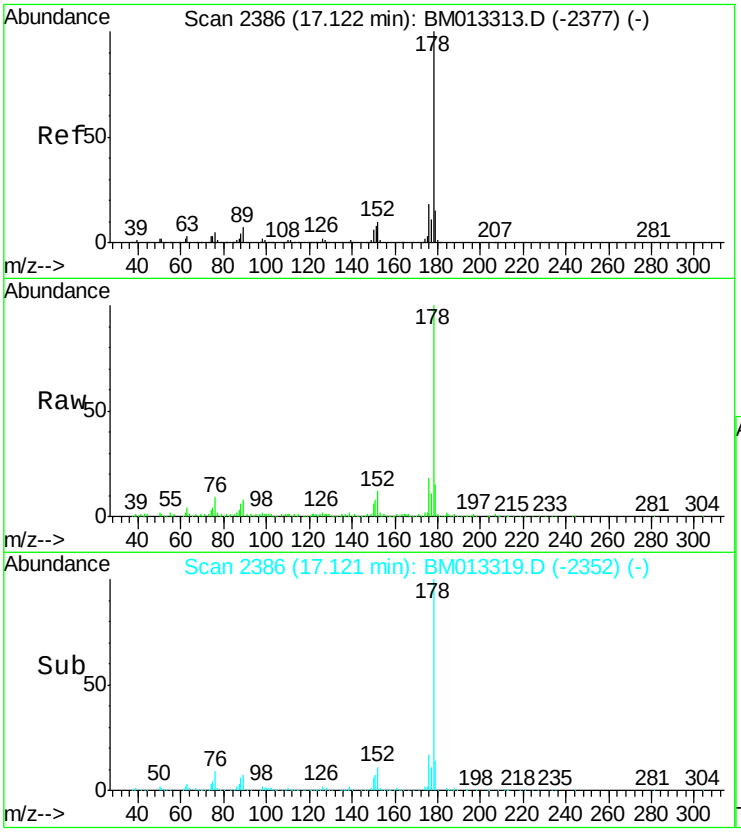


#68
Pentachlorophenol
Concen: 5.135 ng/ul
RT: 16.73 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BM013319.D
Acq: 12 Dec 2017 00:10

Tgt Ion:266 Resp: 55150

Ion	Ratio	Lower	Upper
266	100		
264	56.6	49.3	73.9
268	59.1	52.6	78.8



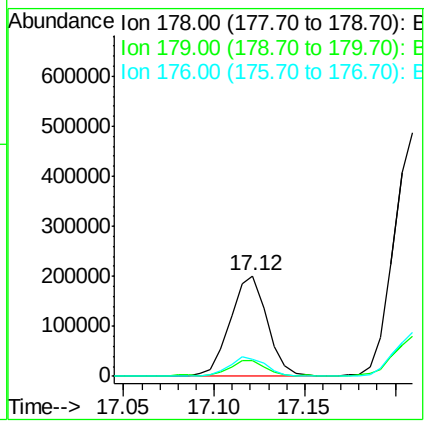


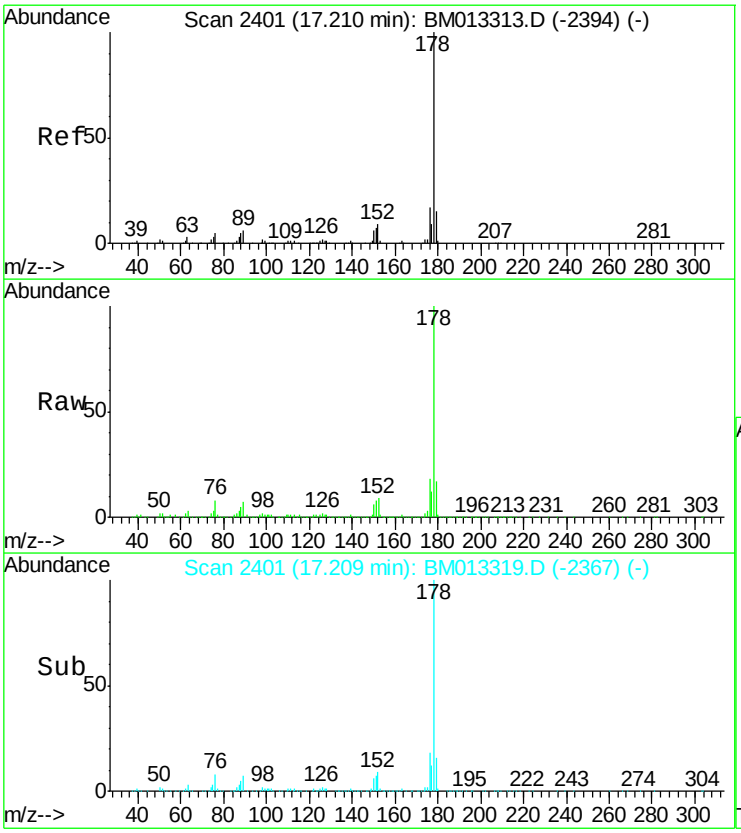
#69
Phenanthrene
Concen: 3.458 ng/ul
RT: 17.12 min Scan# 2386
Delta R.T. -0.00 min
Lab File: BM013319.D
Acq: 12 Dec 2017 00:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 281349

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	17.6	14.9	22.3

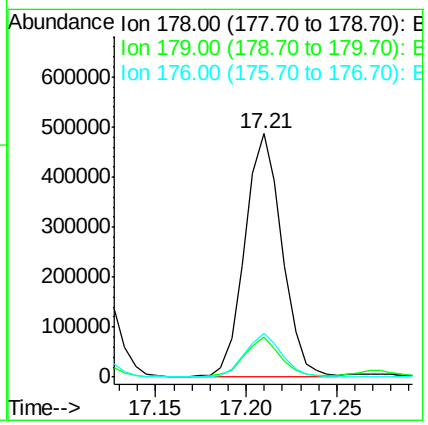


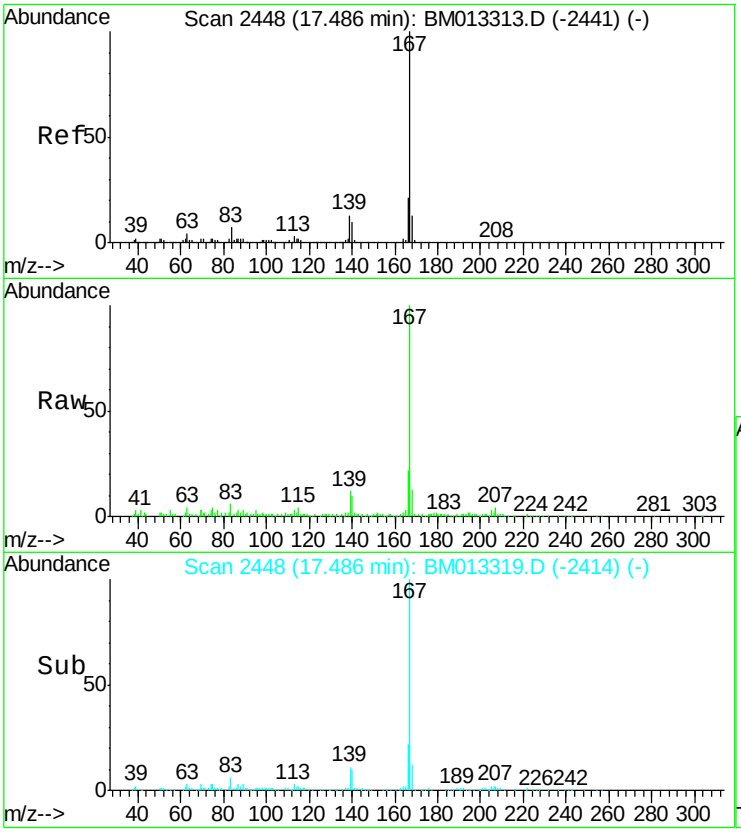


#71
Anthracene
Concen: 8.294 ng/ul
RT: 17.21 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BM013319.D
Acq: 12 Dec 2017 00:10

Tgt Ion:178 Resp: 689845

Ion	Ratio	Lower	Upper
178	100		
179	16.6	11.7	17.5
176	18.1	14.6	21.8



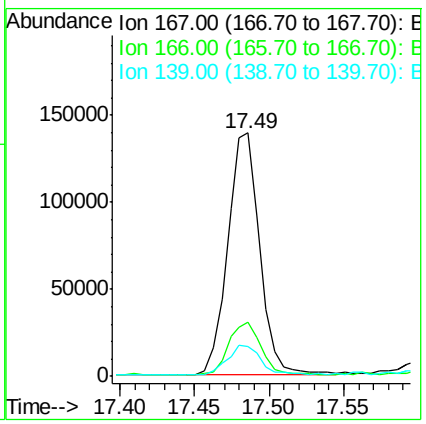


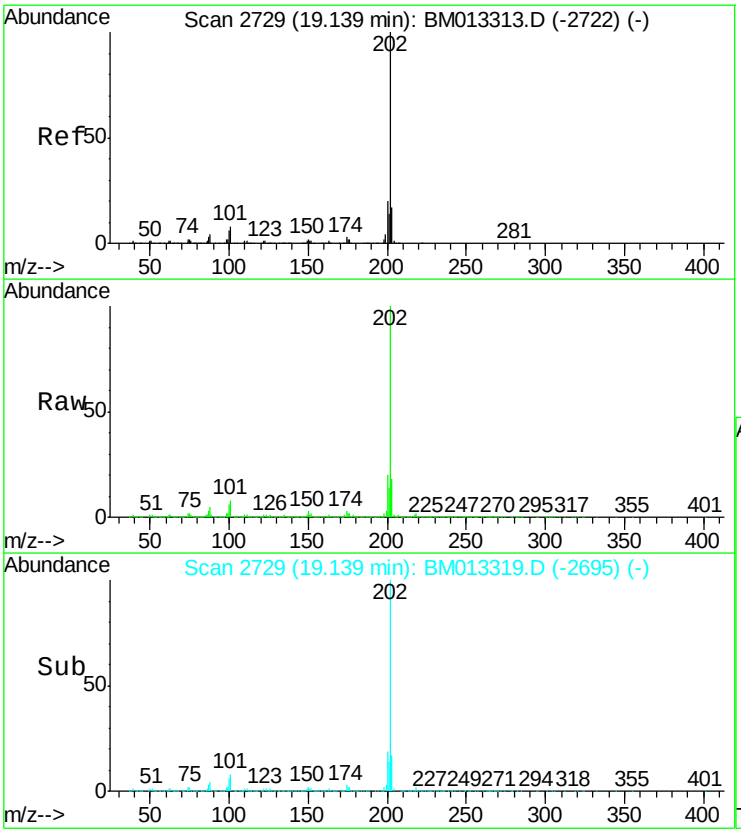
#72
Carbazole
Concen: 2.920 ng/ul
RT: 17.49 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BM013319.D
Acq: 12 Dec 2017 00:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 208883

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.1	25.7
139	12.4	10.0	15.0

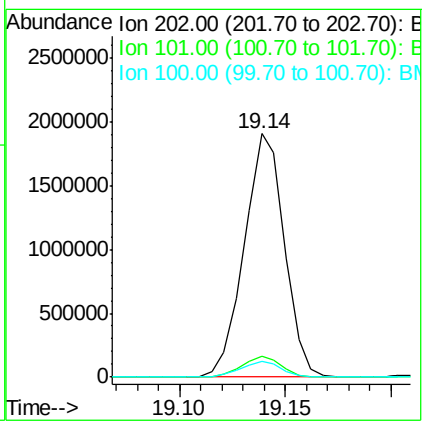


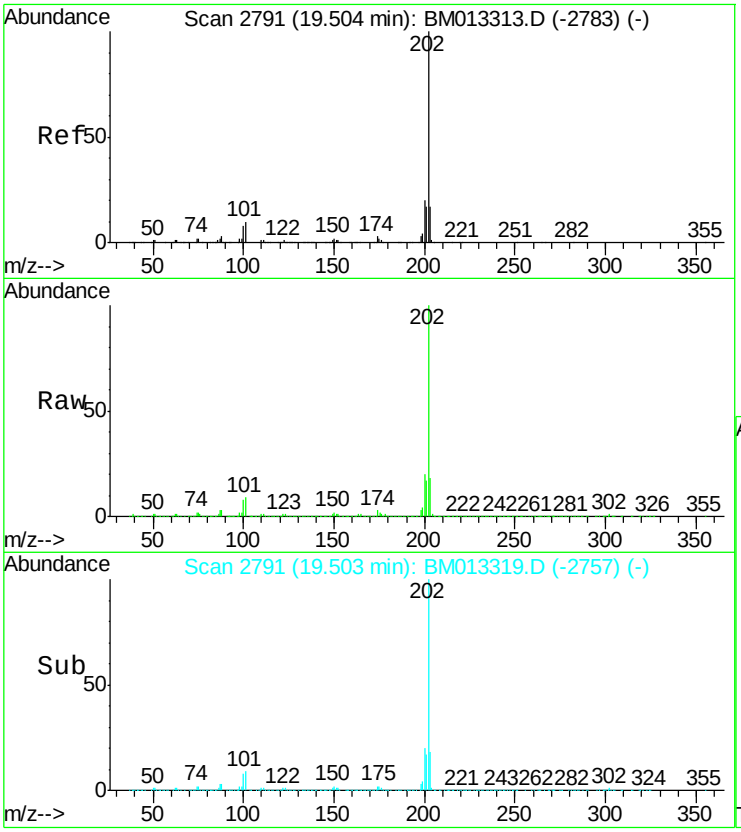


#74
Fluoranthene
Concen: 25.212 ng/ul
RT: 19.14 min Scan# 2729
Delta R.T. -0.00 min
Lab File: BM013319.D
Acq: 12 Dec 2017 00:10

Tgt Ion:202 Resp: 2514086

Ion	Ratio	Lower	Upper
202	100		
101	8.5	4.6	7.0#
100	6.3	3.4	5.2#



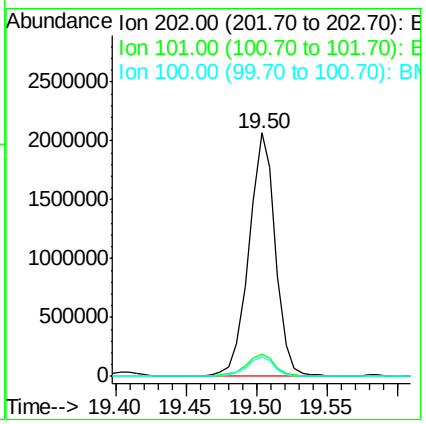


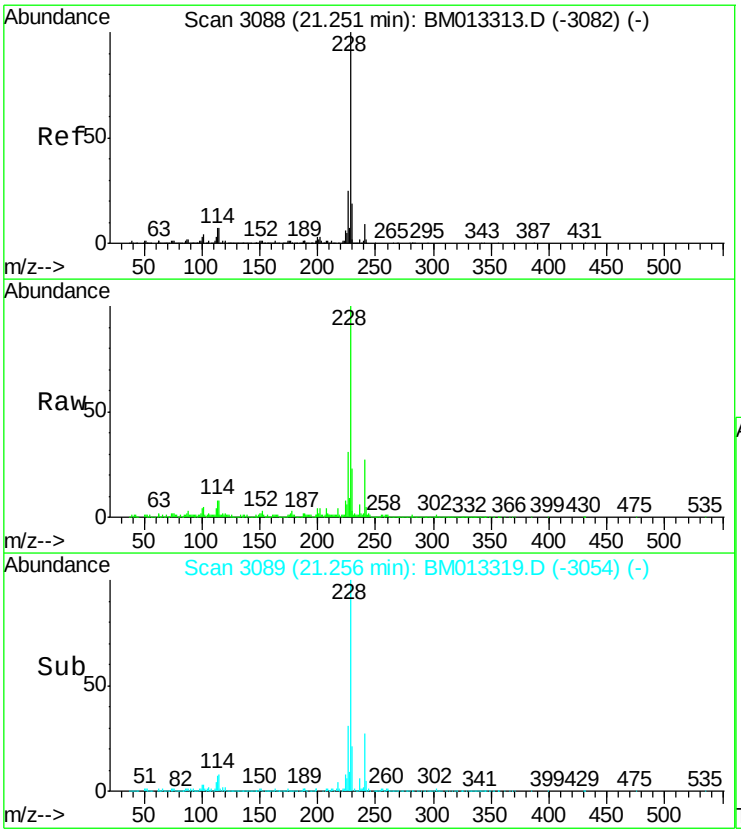
#77
Pyrene
Concen: 30.496 ng/ul
RT: 19.50 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BM013319.D
Acq: 12 Dec 2017 00:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 2730394

Ion	Ratio	Lower	Upper
202	100		
101	9.4	5.1	7.7#
100	7.9	4.9	7.3#

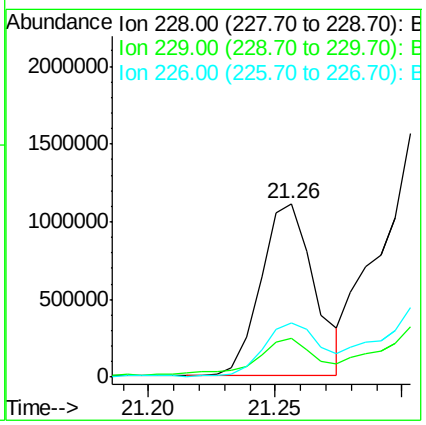


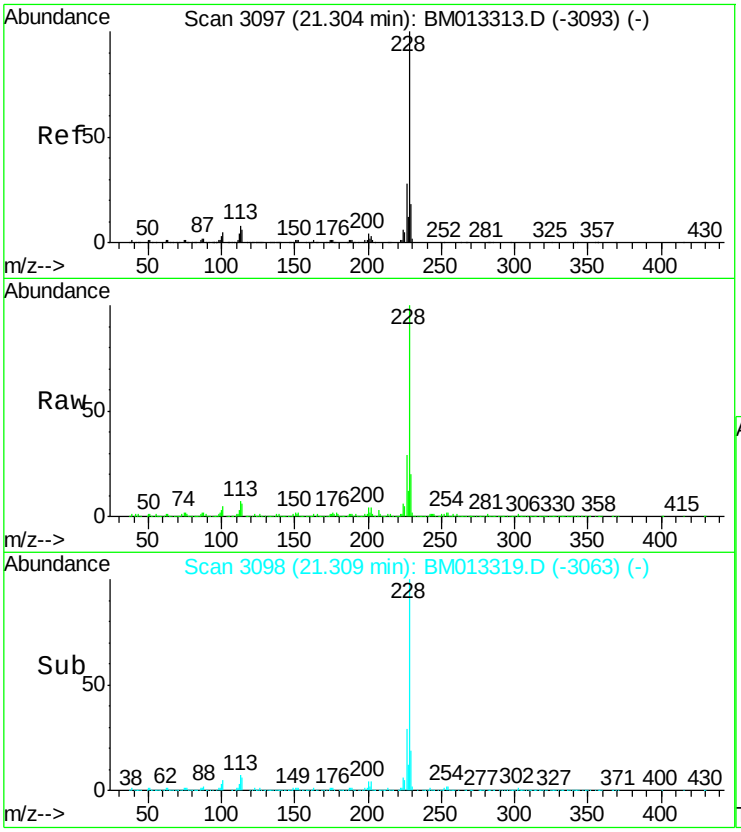


#80
Benzo(a)anthracene
Concen: 17.346 ng/ul
RT: 21.26 min Scan# 3089
Delta R.T. 0.01 min
Lab File: BM013319.D
Acq: 12 Dec 2017 00:10

Tgt Ion:228 Resp: 1621894

Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.4	23.0
226	31.4	21.4	32.0



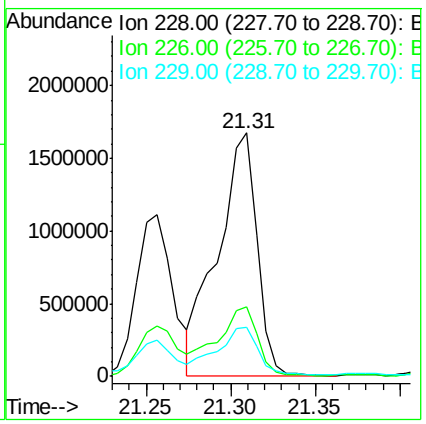


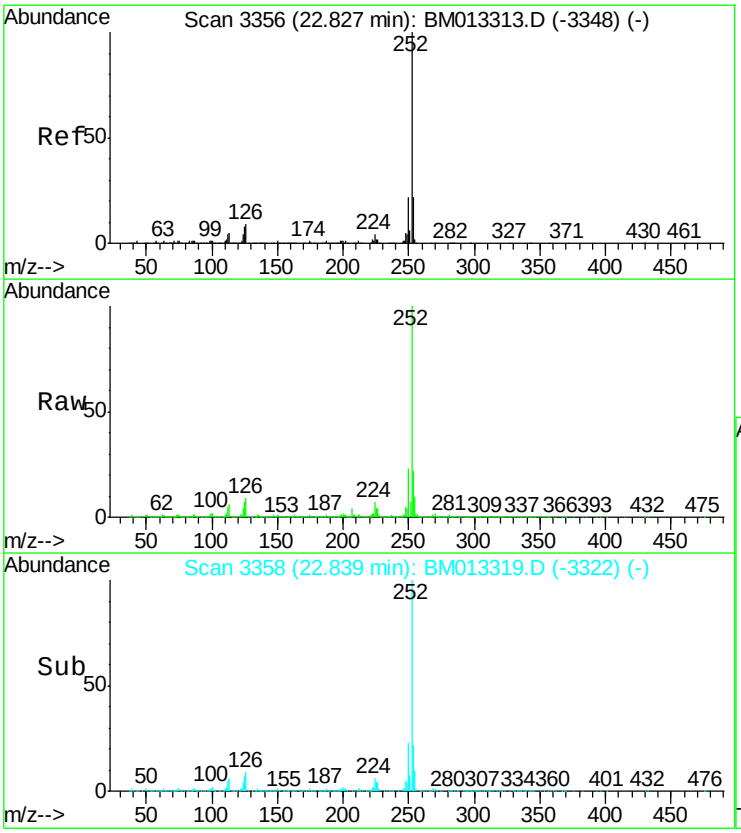
#82
Chrysene
Concen: 31.033 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. 0.01 min
Lab File: BM013319.D
Acq: 12 Dec 2017 00:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 2692036

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.2
229	19.9	15.5	23.3

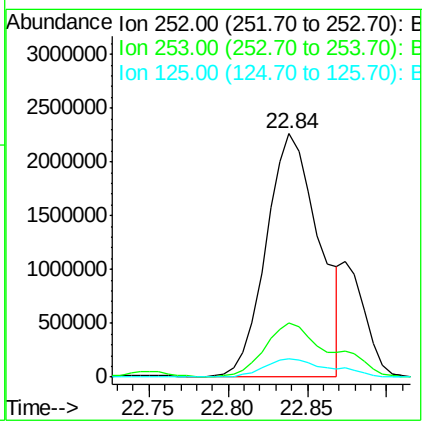


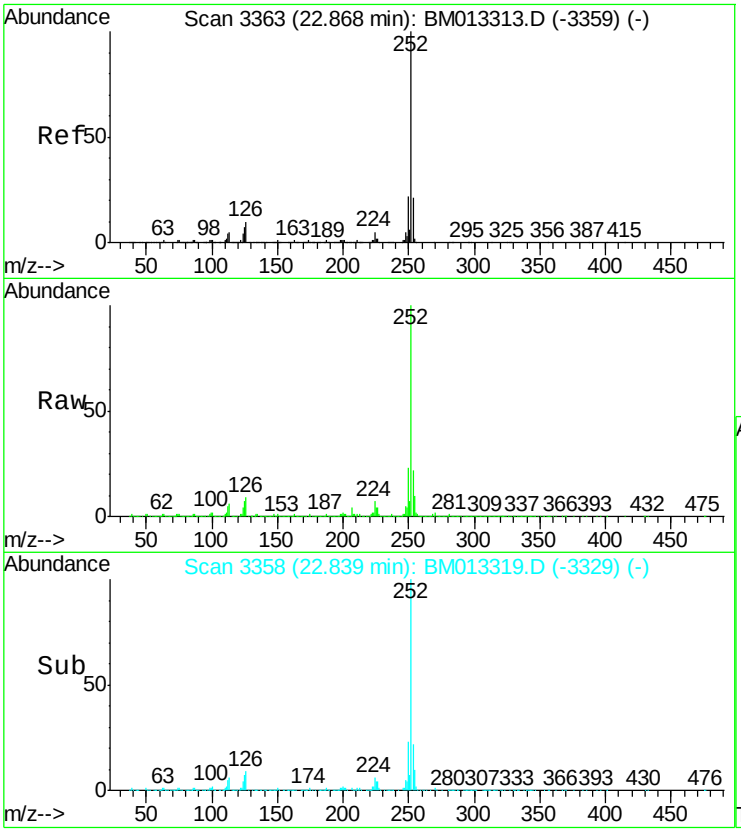


#85
Benzo(b)fluoranthene
Concen: 64.335 ng/ul
RT: 22.84 min Scan# 3358
Delta R.T. 0.01 min
Lab File: BM013319.D
Acq: 12 Dec 2017 00:10

Tgt Ion:252 Resp: 5218667

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	7.3	3.6	5.4#



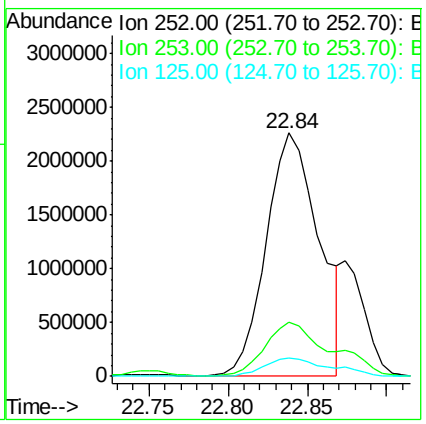


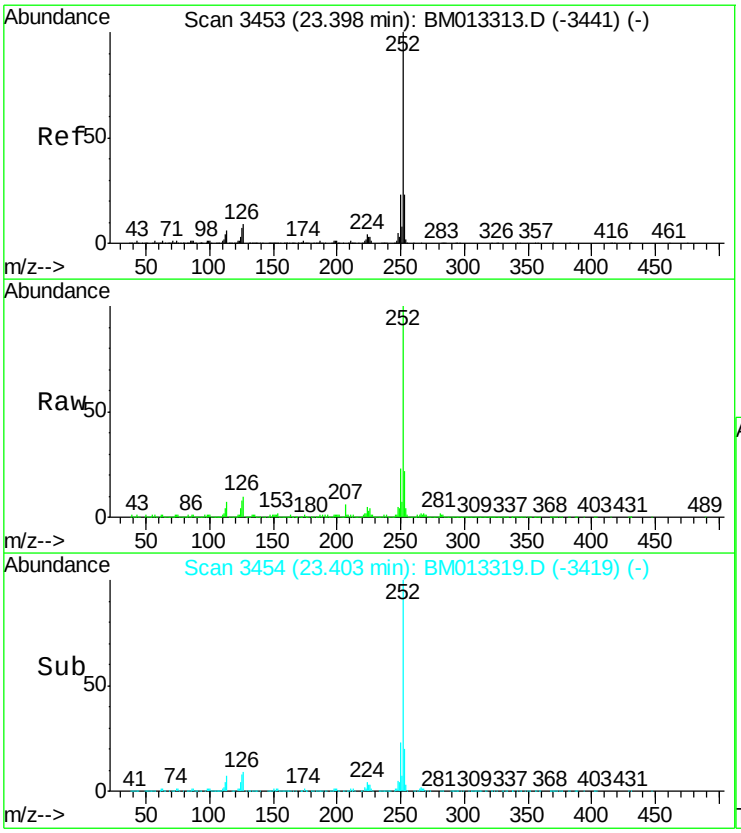
#86
Benzo(k)fluoranthene
Concen: 68.364 ng/ul
RT: 22.84 min Scan# 3358
Delta R.T. -0.03 min
Lab File: BM013319.D
Acq: 12 Dec 2017 00:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 5218667

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	7.3	3.4	5.2#

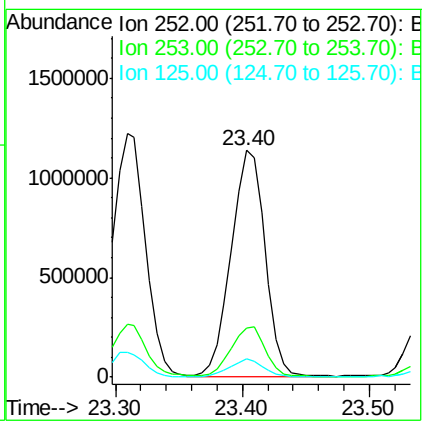


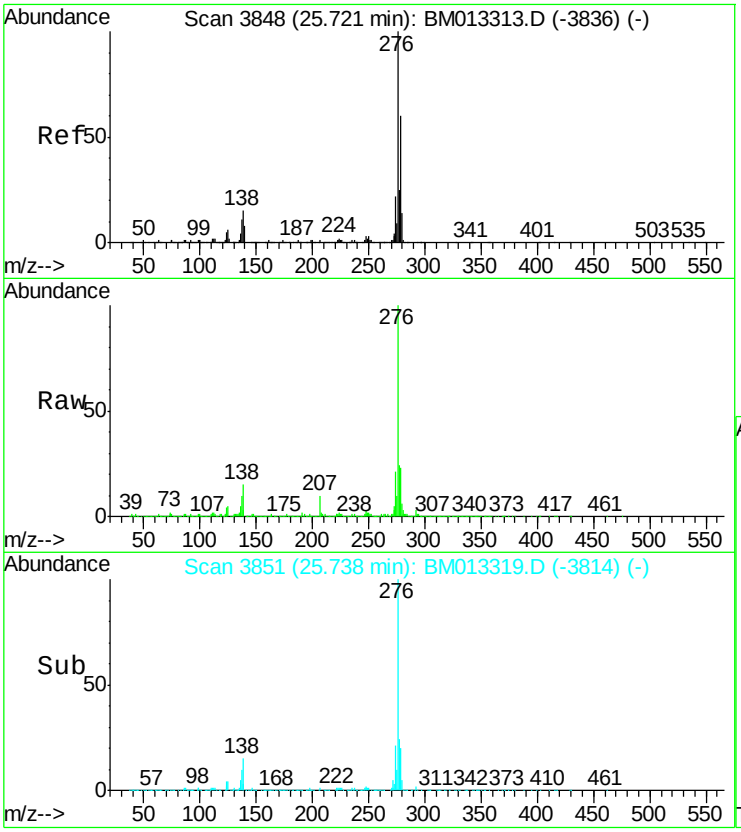


#88
Benzo(a)pyrene
Concen: 28.791 ng/ul
RT: 23.40 min Scan# 3454
Delta R.T. 0.01 min
Lab File: BM013319.D
Acq: 12 Dec 2017 00:10

Tgt Ion:252 Resp: 2097909

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	8.1	4.0	6.0#



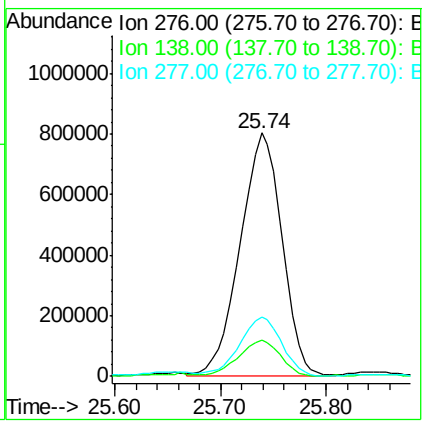


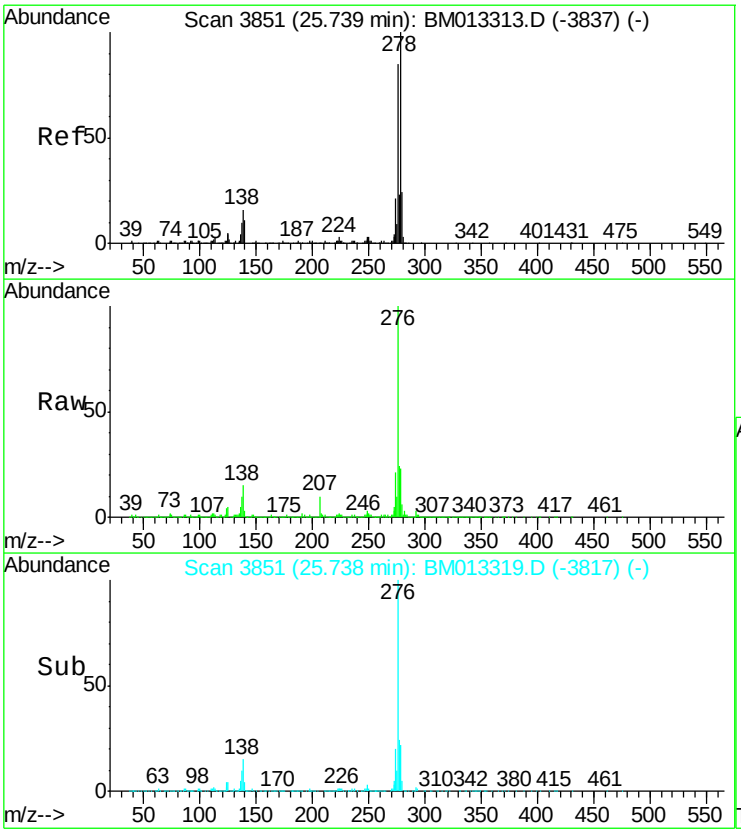
#89
Indeno(1,2,3-cd)pyrene
Concen: 30.420 ng/ul
RT: 25.74 min Scan# 3851
Delta R.T. 0.02 min
Lab File: BM013319.D
Acq: 12 Dec 2017 00:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 2199394

Ion	Ratio	Lower	Upper
276	100		
138	14.9	9.3	13.9#
277	24.2	19.9	29.9

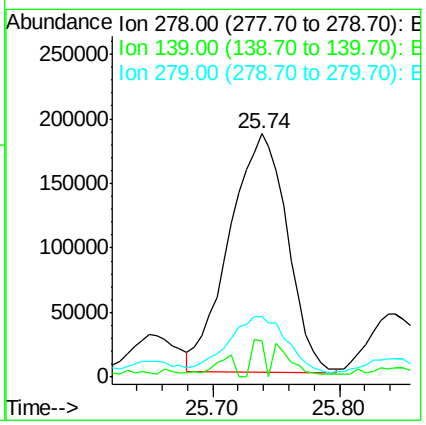


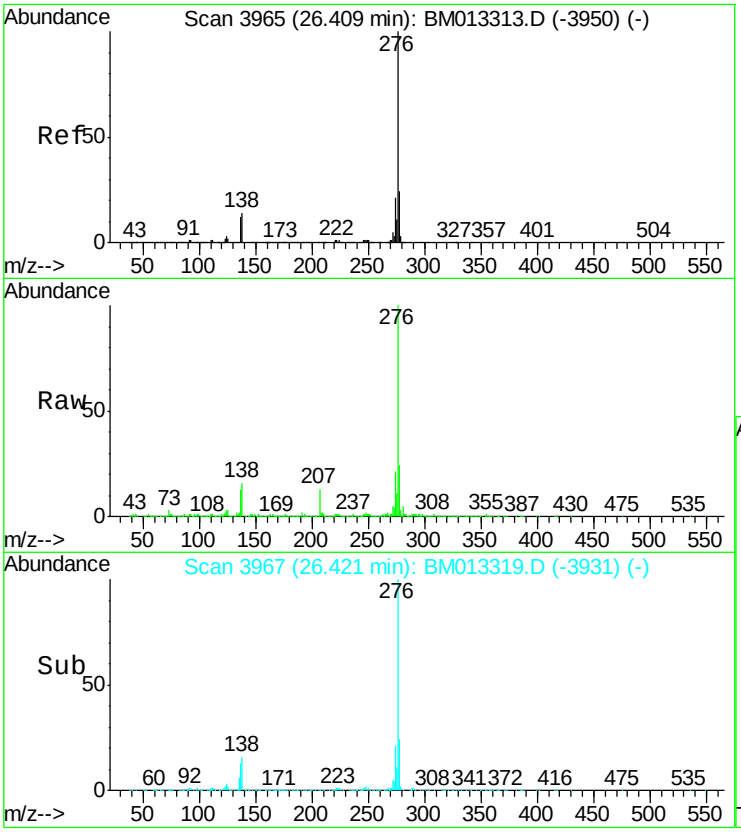


#90
Dibenzo(a,h)anthracene
Concen: 9.570 ng/ul
RT: 25.74 min Scan# 3851
Delta R.T. -0.00 min
Lab File: BM013319.D
Acq: 12 Dec 2017 00:10

Tgt Ion:278 Resp: 589145

Ion	Ratio	Lower	Upper
278	100		
139	14.8	5.8	8.8#
279	24.7	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 30.926 ng/ul
RT: 26.42 min Scan# 3967
Delta R.T. 0.01 min
Lab File: BM013319.D
Acq: 12 Dec 2017 00:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 1763686

Ion	Ratio	Lower	Upper
276	100		
138	16.1	8.5	12.7#
277	24.3	18.6	28.0