Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121417\

Quantitation Report (Not Reviewed)

Data File : BM013421.D
Acq On : 15 Dec 2017 03:03
Operator : SJ/JU
Sample : I6775-18 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A63

Quant Time: Dec 15 05:53:06 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 05:52:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	236770	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1046954	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	620834	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1331879	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1147748	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	892222	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	1197	0.25	ng/uL	0.01
5) Phenol-d5	6.86	99	35981	1.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	22935	1.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	31105	1.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	31371	1.79	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	16981	2.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	16659	1.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	29255	1.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	22343	1.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	117658	2.13	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	135326	1.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	9950	1.04	ng/ul	0.02
57) Fluorene-d10	15.32	176	94742	1.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	8790	1.05	ng/ul	0.00
70) Anthracene-d10	17.16	188	152144	2.28	ng/ul	0.00
76) Pyrene-d10	19.46	212	146007	2.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	92836	2.04	ng/ul	0.00
Target Compounds						Qvalue
47) Acenaphthylene	14.04	152	104445	1.66	ng/ul#	97
68) Pentachlorophenol	16.72	266	50763	5.08	ng/ul	92
69) Phenanthrene	17.11	178	131692	1.74	ng/ul	99
71) Anthracene	17.20	178	176935	2.29	ng/ul	99
74) Fluoranthene	19.13	202	810886	8.74	ng/ul#	93
77) Pyrene	19.49	202	1011271	14.50	ng/ul#	93
80) Benzo(a)anthracene	21.24	228	591044	8.12	ng/ul	97
82) Chrysene	21.29	228	665493	9.85	ng/ul	96
85) Benzo(b)fluoranthene	22.81	252	1538770	25.58	ng/ul#	98
86) Benzo(k)fluoranthene	22.81	252	1538770	27.19	ng/ul#	97
88) Benzo(a)pyrene	23.38	252	668557	12.37	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.70	276	488089	9.10	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.69	278	61228	1.34	ng/ul#	91
91) Benzo(g,h,i)perylene	26.38	276	413438	9.78	ng/ul#	91

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

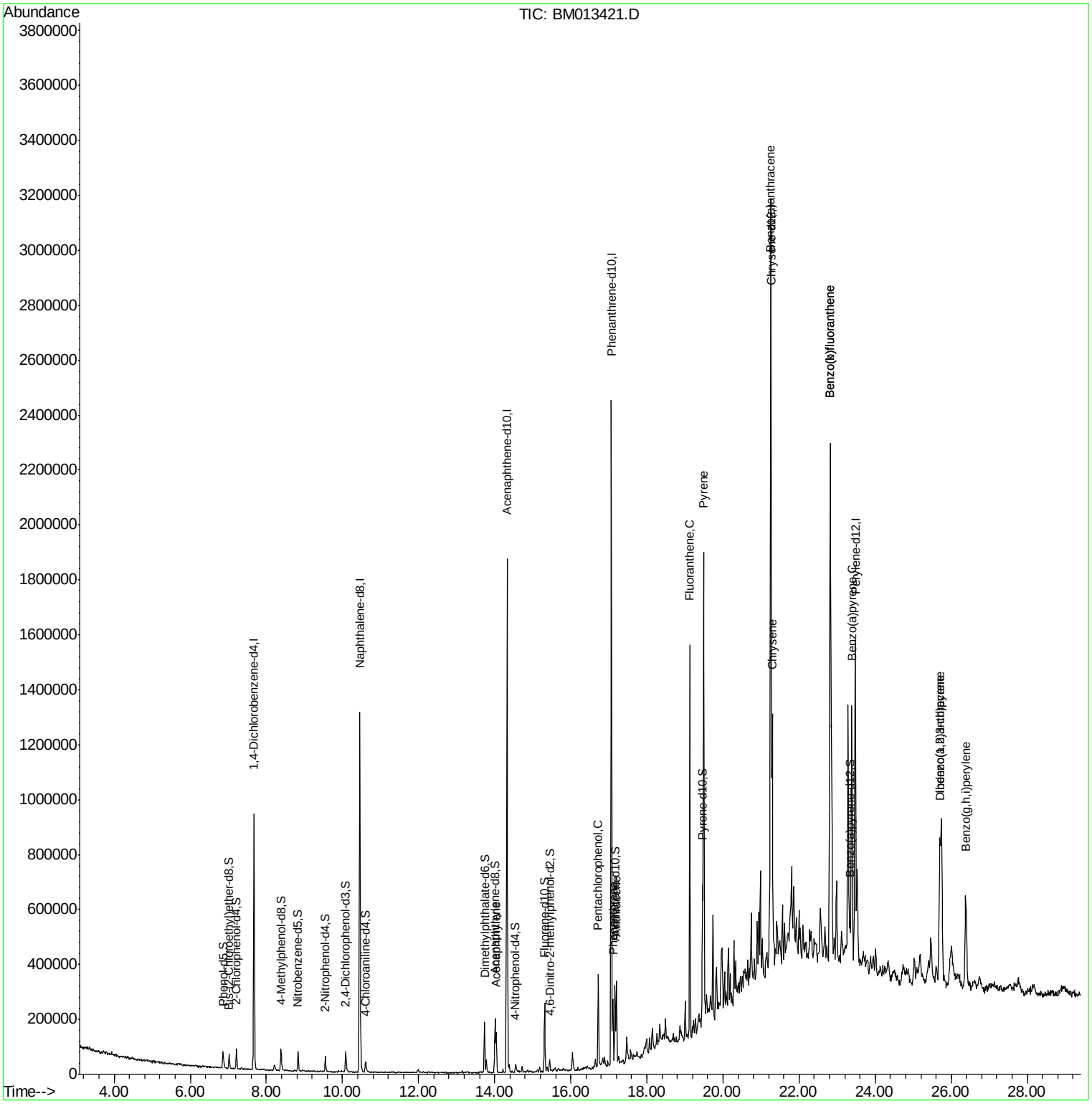
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121417\

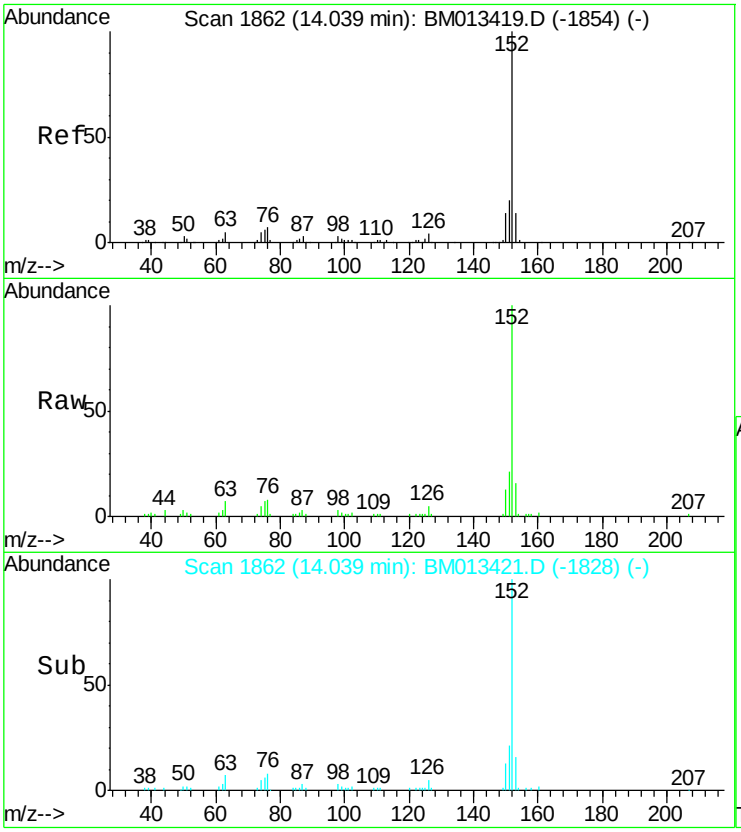
Quantitation Report (Not Reviewed)

Data File : BM013421.D
Acq On : 15 Dec 2017 03:03
Operator : SJ/JU
Sample : I6775-18 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A63

Quant Time: Dec 15 05:53:06 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 05:52:21 2017
Response via : Initial Calibration



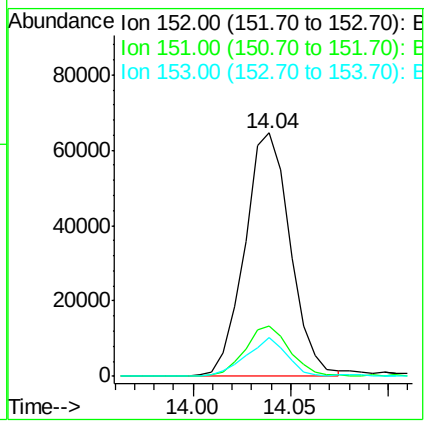


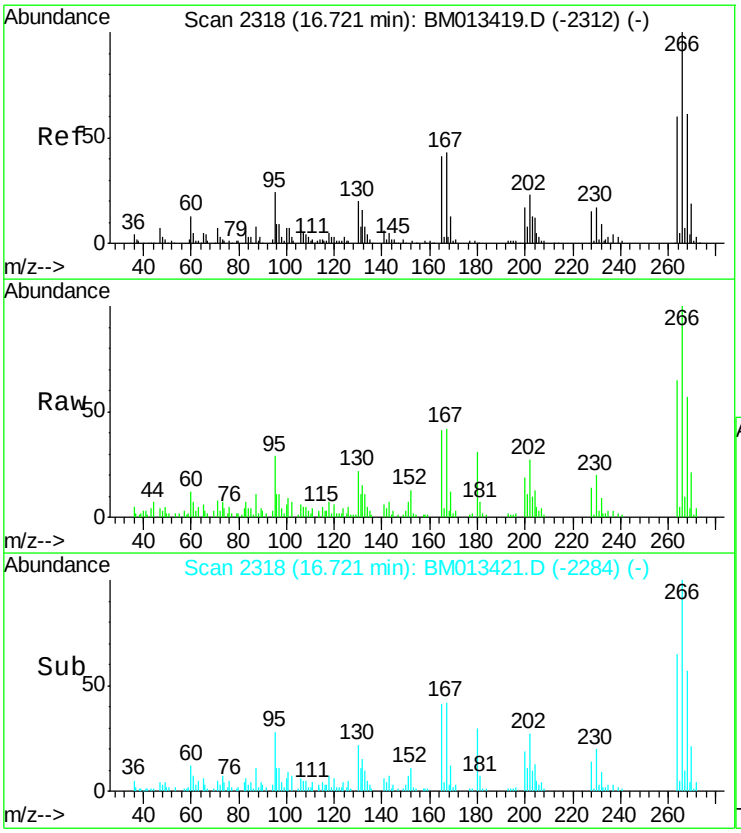
#47
Acenaphthylene
Concen: 1.66 ng/ul
RT: 14.04 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BM013421.D
Acq: 15 Dec 2017 03:03

Instrument :
BNA_M
ClientSampleId :
F9A63

Tgt Ion:152 Resp: 104445

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	15.7	10.2	15.4#

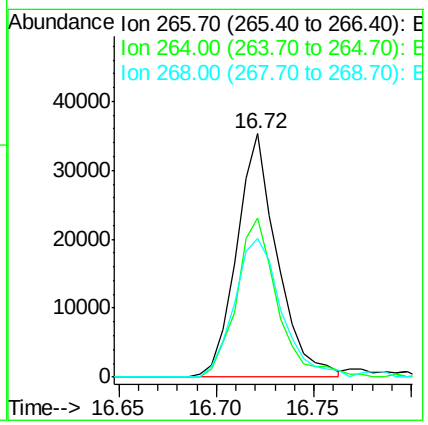


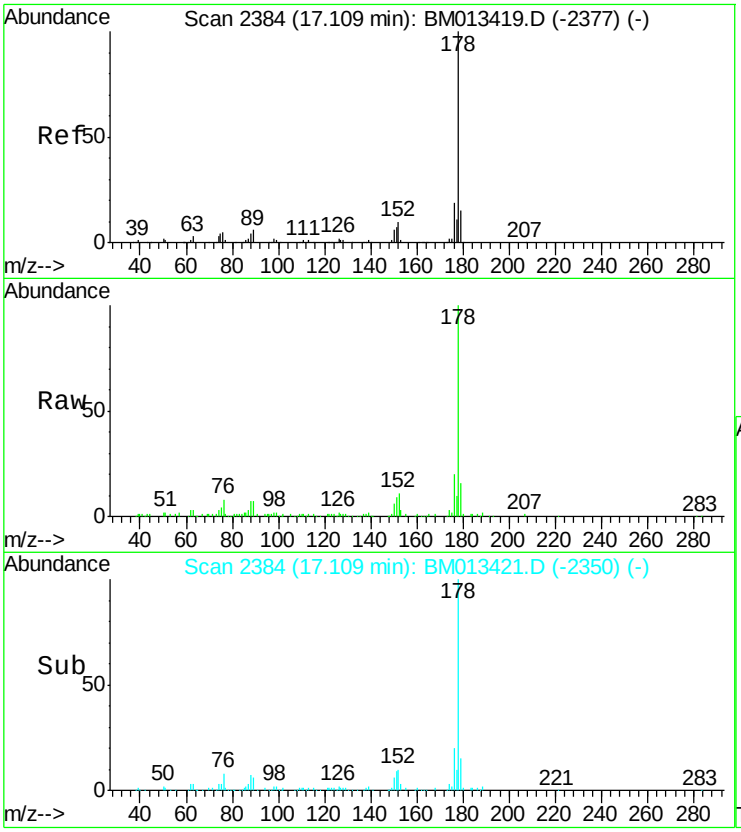


#68
Pentachlorophenol
Concen: 5.08 ng/ul
RT: 16.72 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BM013421.D
Acq: 15 Dec 2017 03:03

Tgt Ion:266 Resp: 50763

Ion	Ratio	Lower	Upper
266	100		
264	65.1	49.3	73.9
268	56.8	52.6	78.8



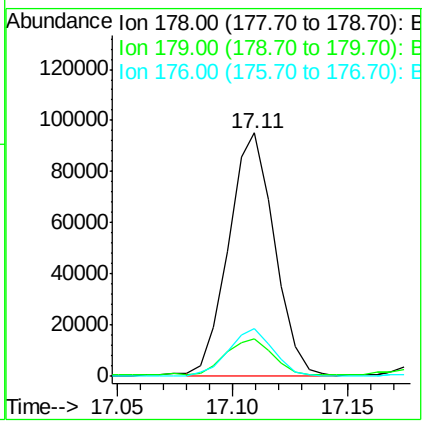


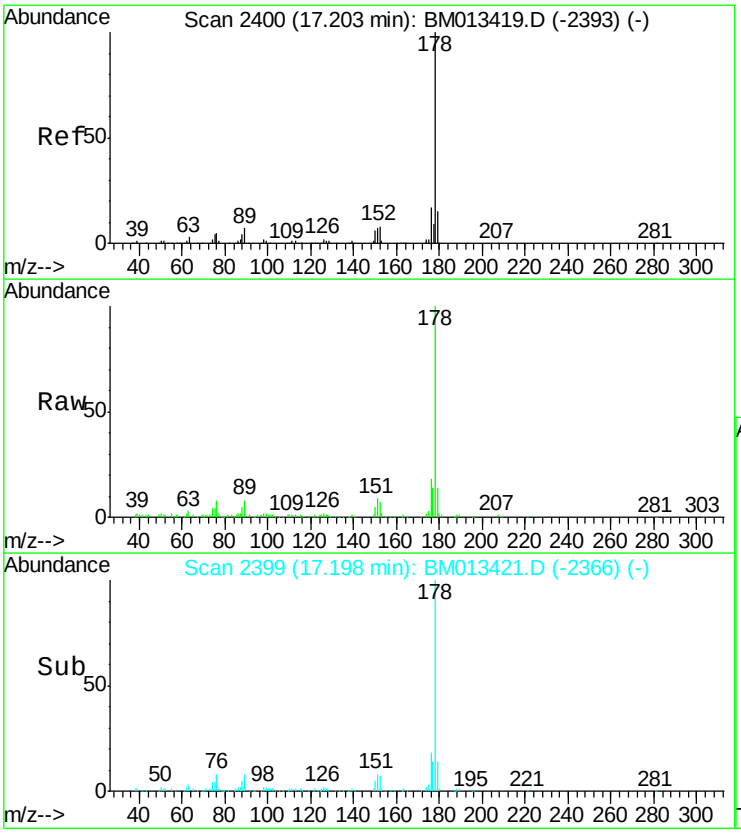
#69
Phenanthrene
Concen: 1.74 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BM013421.D
Acq: 15 Dec 2017 03:03

Instrument :
BNA_M
ClientSampleId :
F9A63

Tgt Ion:178 Resp: 131692

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	19.5	14.9	22.3

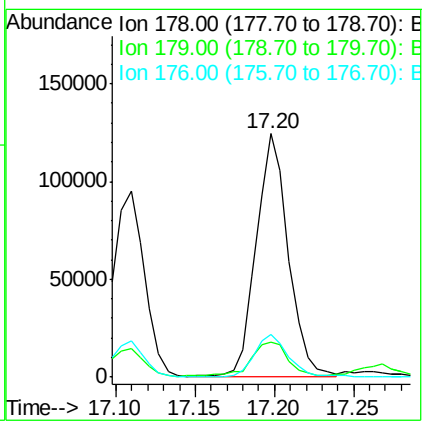


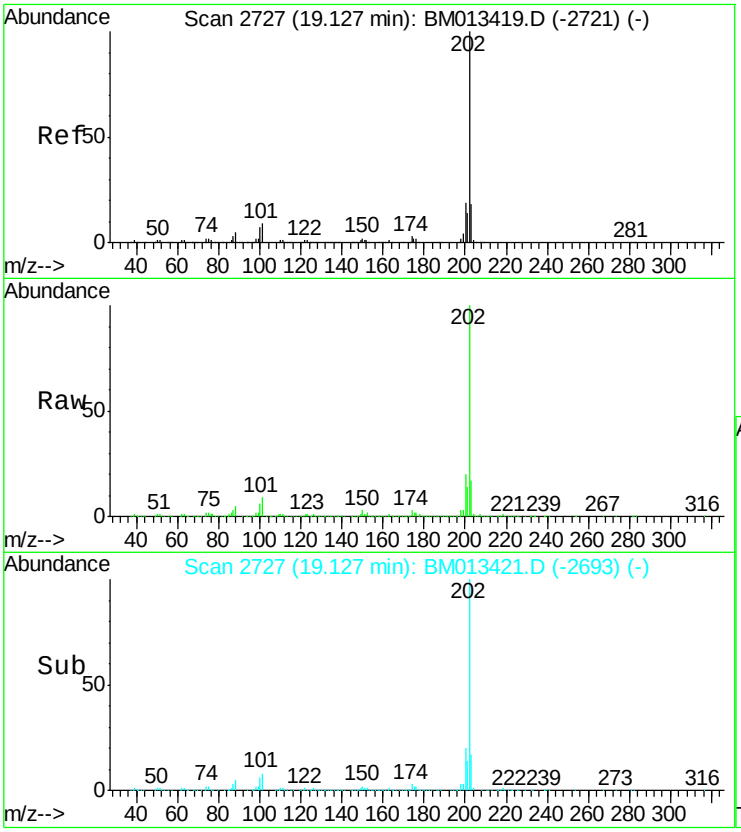


#71
Anthracene
Concen: 2.29 ng/ul
RT: 17.20 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM013421.D
Acq: 15 Dec 2017 03:03

Tgt Ion:178 Resp: 176935

Ion	Ratio	Lower	Upper
178	100		
179	14.3	11.7	17.5
176	17.8	14.6	21.8



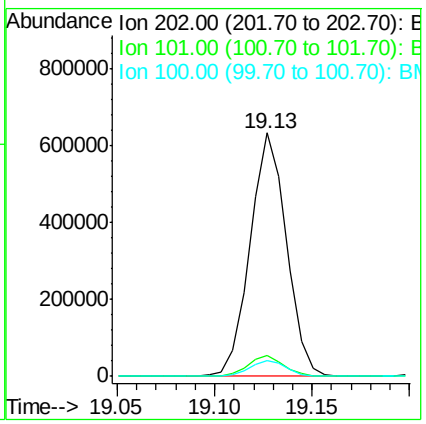


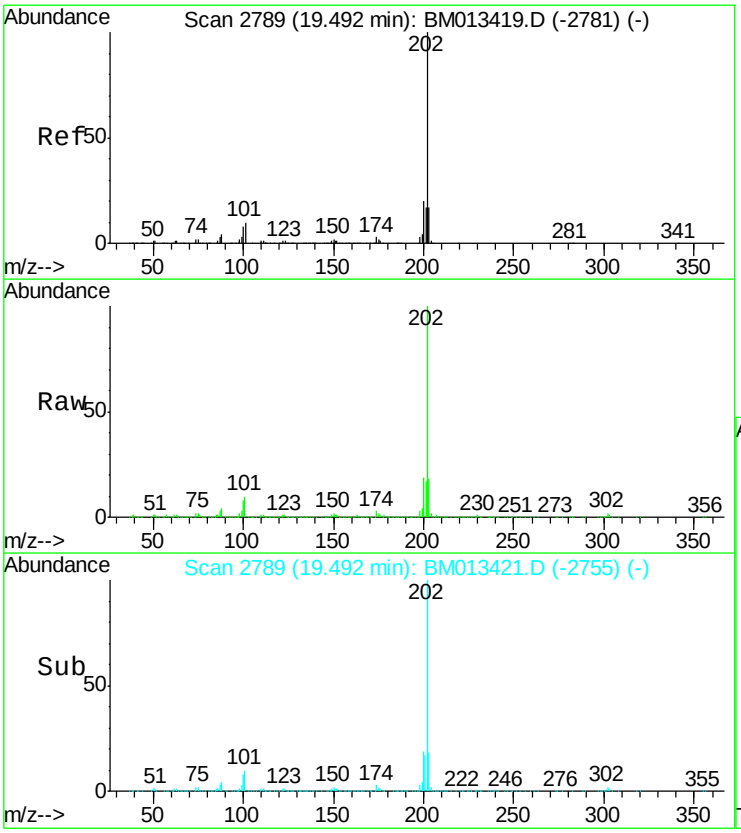
#74
Fluoranthene
Concen: 8.74 ng/ul
RT: 19.13 min Scan# 2727
Delta R.T. 0.00 min
Lab File: BM013421.D
Acq: 15 Dec 2017 03:03

Instrument :
BNA_M
ClientSampleId :
F9A63

Tgt Ion:202 Resp: 810886

Ion	Ratio	Lower	Upper
202	100		
101	8.5	4.6	7.0#
100	6.4	3.4	5.2#

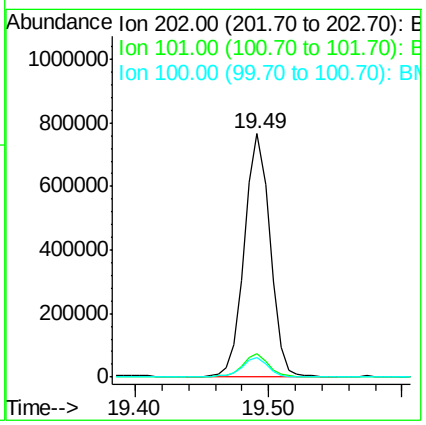


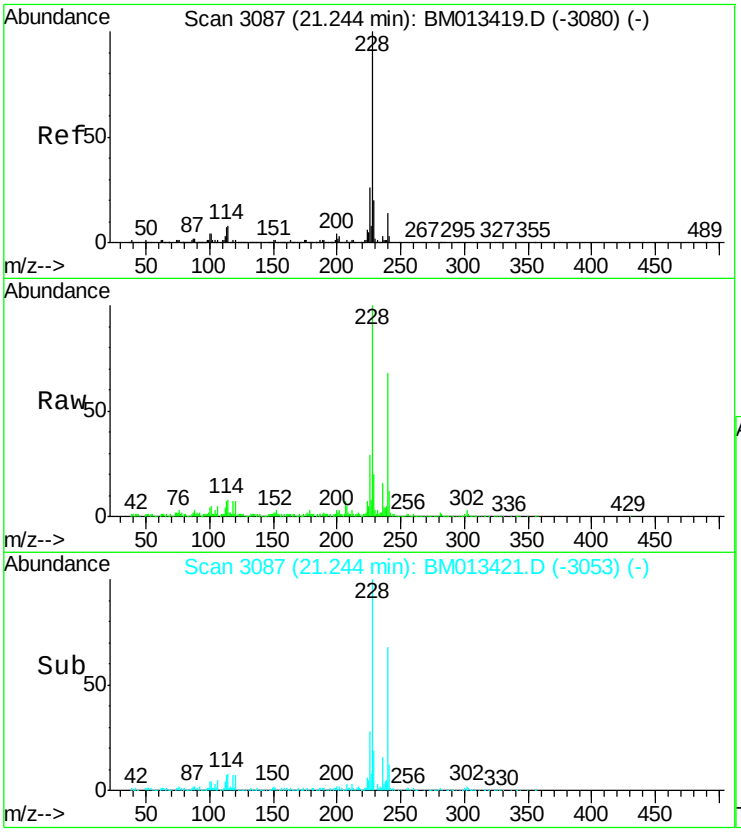


#77
Pyrene
Concen: 14.50 ng/ul
RT: 19.49 min Scan# 2789
Delta R.T. 0.00 min
Lab File: BM013421.D
Acq: 15 Dec 2017 03:03

Tgt Ion:202 Resp: 1011271

Ion	Ratio	Lower	Upper
202	100		
101	9.6	5.1	7.7#
100	7.9	4.9	7.3#



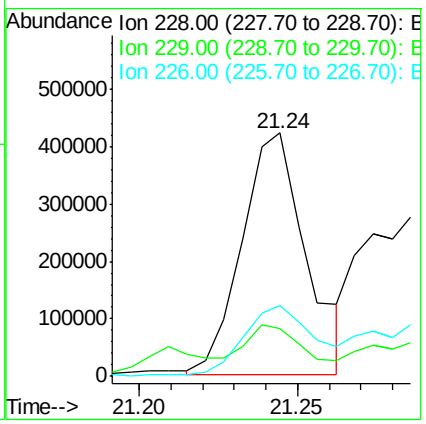


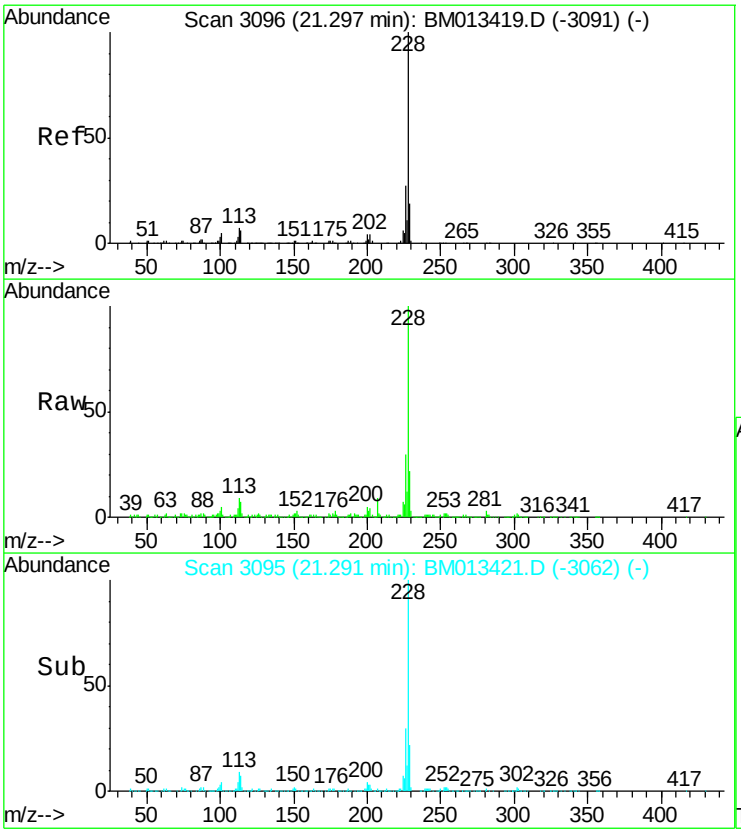
#80
Benzo(a)anthracene
Concen: 8.12 ng/ul
RT: 21.24 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BM013421.D
Acq: 15 Dec 2017 03:03

Instrument :
BNA_M
ClientSampleId :
F9A63

Tgt Ion:228 Resp: 591044

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.4	23.0
226	28.9	21.4	32.0

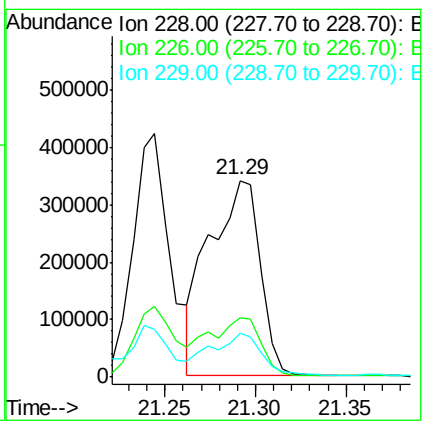


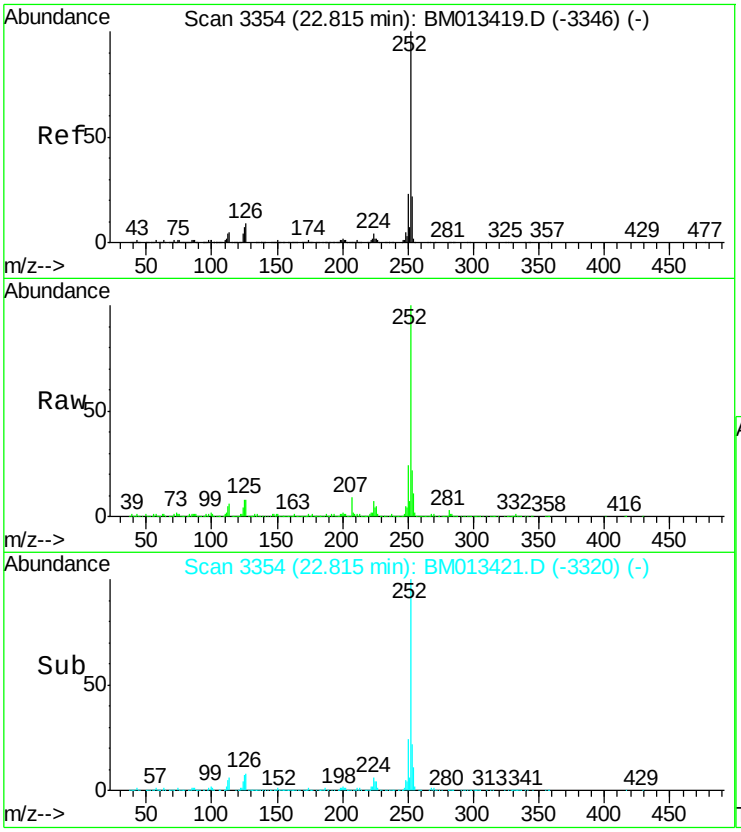


#82
Chrysene
Concen: 9.85 ng/ul
RT: 21.29 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM013421.D
Acq: 15 Dec 2017 03:03

Tgt Ion:228 Resp: 665493

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	22.3	15.5	23.3



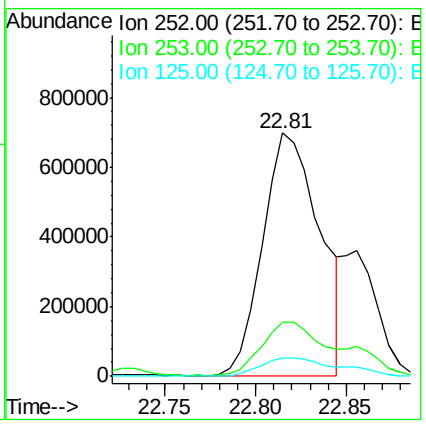


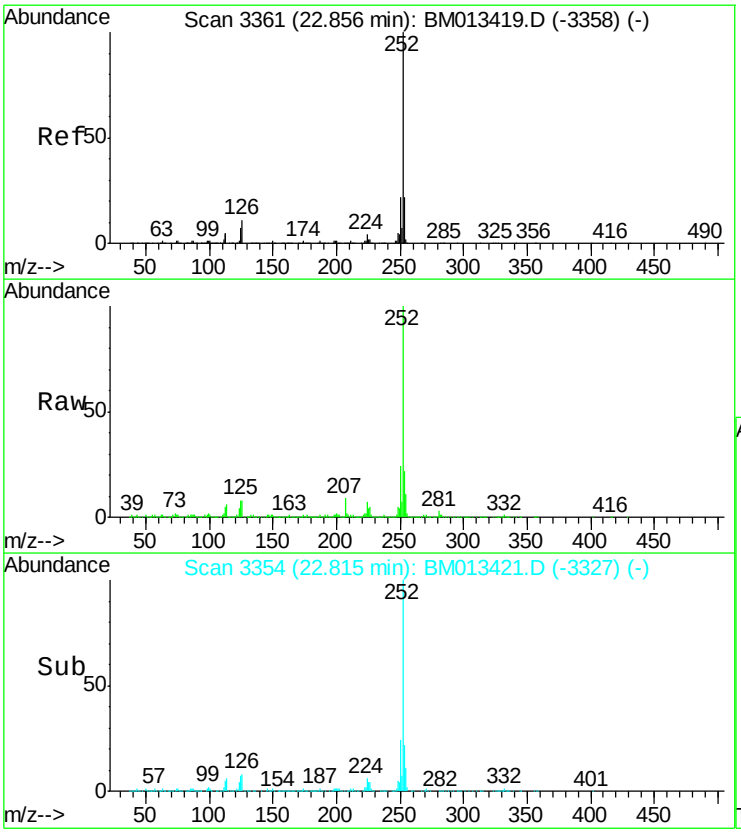
#85
Benzo(b)fluoranthene
Concen: 25.58 ng/ul
RT: 22.81 min Scan# 3354
Delta R.T. 0.00 min
Lab File: BM013421.D
Acq: 15 Dec 2017 03:03

Instrument :
BNA_M
ClientSampleId :
F9A63

Tgt Ion:252 Resp: 1538770

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	7.5	3.6	5.4#

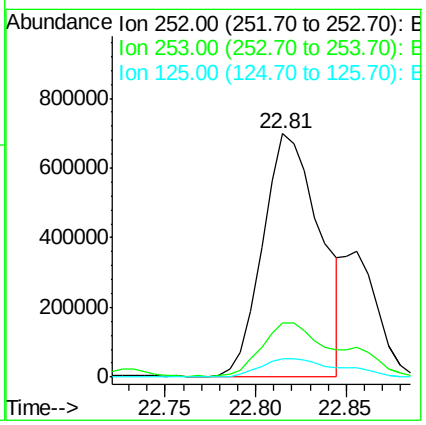


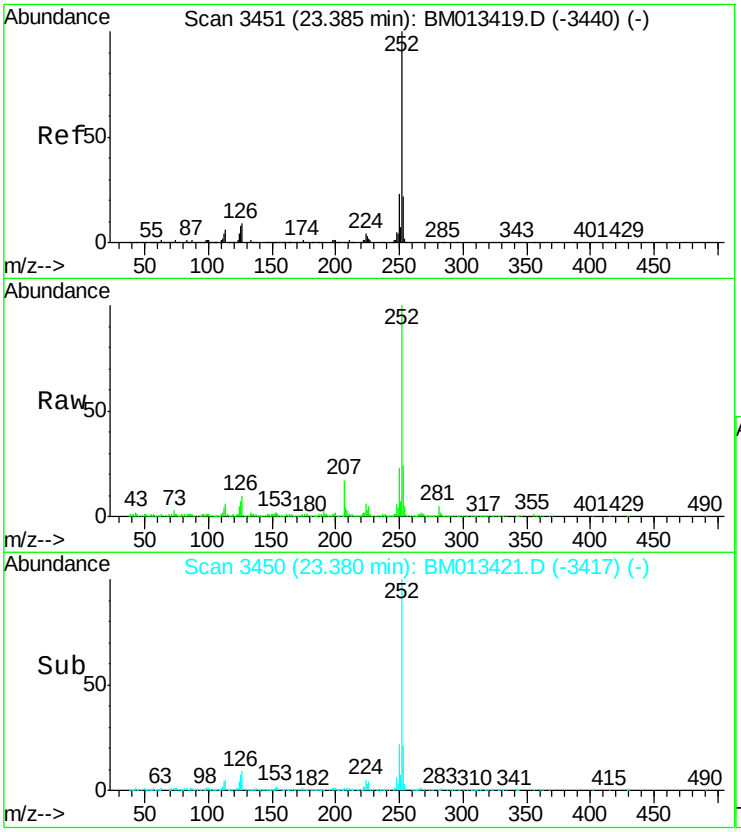


#86
Benzo(k)fluoranthene
Concen: 27.19 ng/ul
RT: 22.81 min Scan# 3354
Delta R.T. -0.04 min
Lab File: BM013421.D
Acq: 15 Dec 2017 03:03

Tgt Ion:252 Resp: 1538770

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	7.5	3.4	5.2#



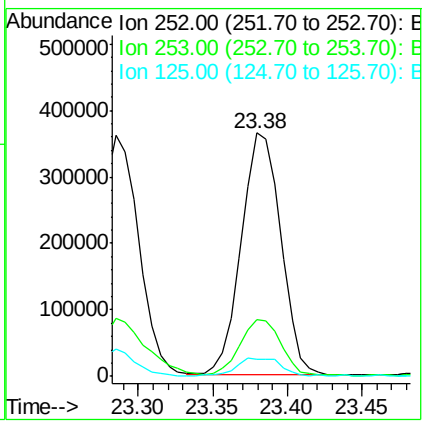


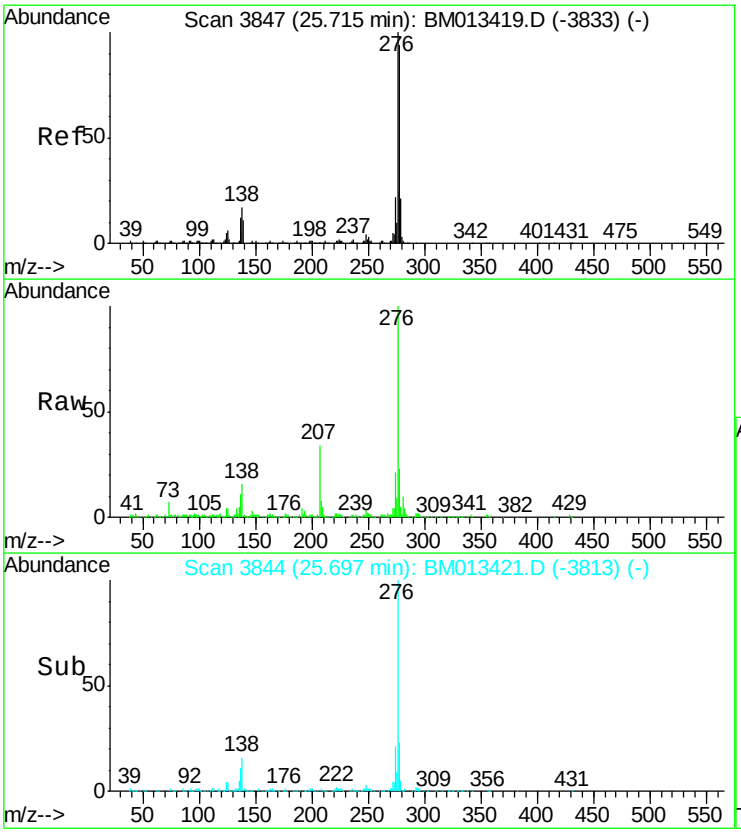
#88
Benzo(a)pyrene
Concen: 12.37 ng/ul
RT: 23.38 min Scan# 3450
Delta R.T. -0.01 min
Lab File: BM013421.D
Acq: 15 Dec 2017 03:03

Instrument :
BNA_M
ClientSampleId :
F9A63

Tgt Ion:252 Resp: 668557

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	6.8	4.0	6.0#

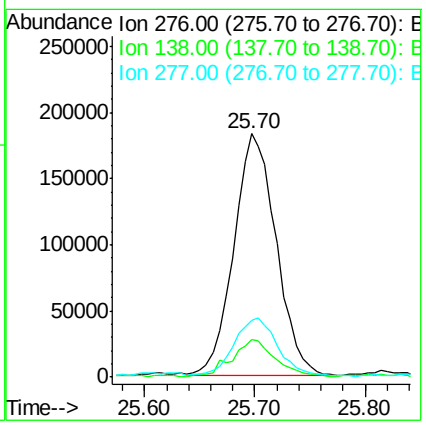


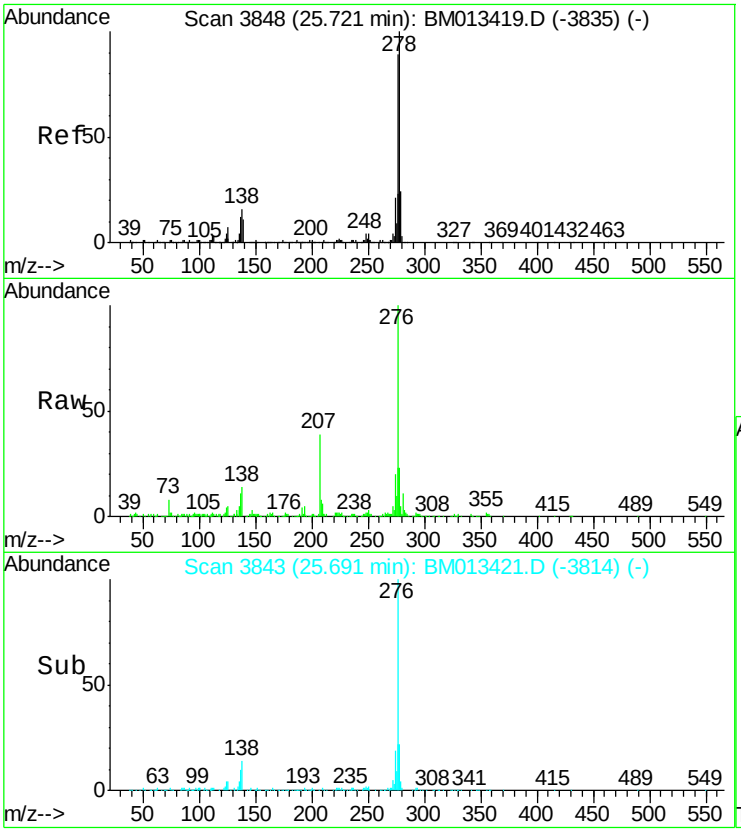


#89
Indeno(1,2,3-cd)pyrene
Concen: 9.10 ng/ul
RT: 25.70 min Scan# 3844
Delta R.T. -0.02 min
Lab File: BM013421.D
Acq: 15 Dec 2017 03:03

Tgt Ion:276 Resp: 488089

Ion	Ratio	Lower	Upper
276	100		
138	15.6	9.3	13.9#
277	23.5	19.9	29.9



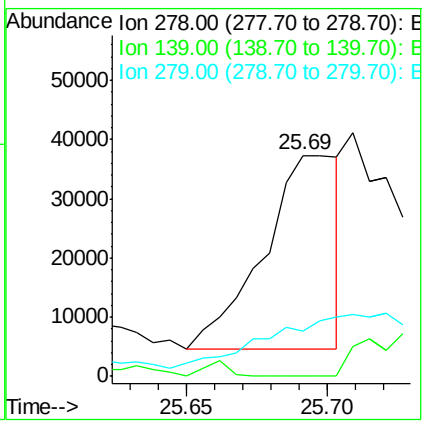


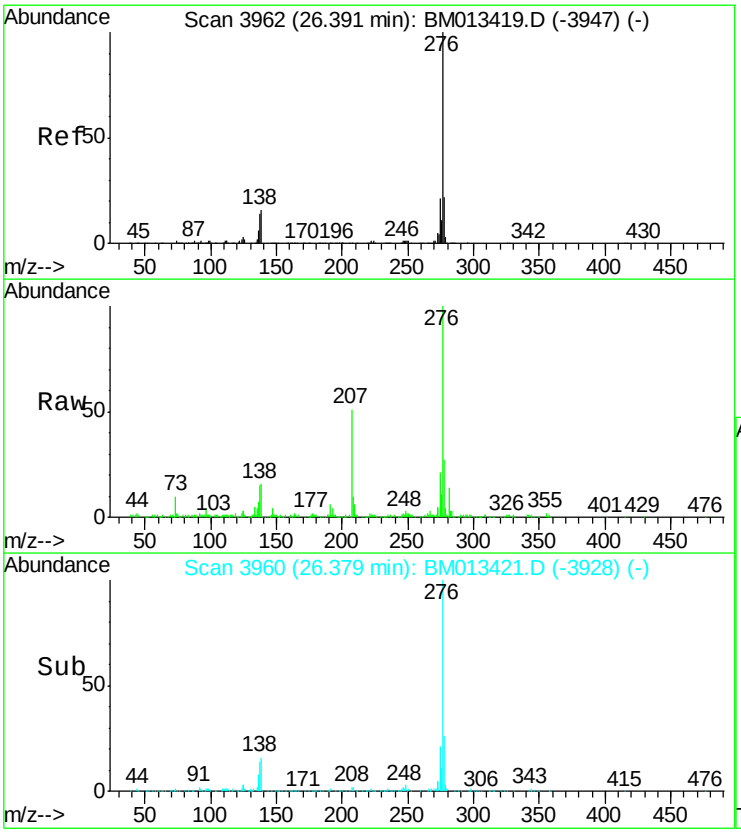
#90
Dibenzo(a,h)anthracene
Concen: 1.34 ng/ul
RT: 25.69 min Scan# 3843
Delta R.T. -0.03 min
Lab File: BM013421.D
Acq: 15 Dec 2017 03:03

Instrument :
BNA_M
ClientSampleId :
F9A63

Tgt Ion:278 Resp: 61228

Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	20.4	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 9.78 ng/ul
RT: 26.38 min Scan# 3960
Delta R.T. -0.01 min
Lab File: BM013421.D
Acq: 15 Dec 2017 03:03

Tgt Ion:276 Resp: 413438

Ion	Ratio	Lower	Upper
276	100		
138	15.8	8.5	12.7#
277	26.5	18.6	28.0