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

Quantitation Report (Not Reviewed)

Data File : BM013469.D
Acq On : 16 Dec 2017 09:24
Operator : SJ/JU
Sample : I6776-08 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A60DL

Quant Time: Dec 18 00:29:26 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	226788	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1025664	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	602885	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1316075	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1235023	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	998139	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	1201	0.26	ng/uL	0.00
5) Phenol-d5	6.85	99	44333	2.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	29032	2.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	39192	2.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	39588	2.36	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	18861	2.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	20742	2.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	1342	0.07	ng/ul	0.06
29) 4-Chloroaniline-d4	10.60	131	22074	1.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	138091	2.57	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	166576	2.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	5789	0.62	ng/ul	0.01
57) Fluorene-d10	15.31	176	122689	2.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	7768	0.94	ng/ul	0.00
70) Anthracene-d10	17.16	188	174067	2.64	ng/ul	0.00
76) Pyrene-d10	19.46	212	184700	3.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	127333	2.50	ng/ul	0.00
Target Compounds						Qvalue
47) Acenaphthylene	14.04	152	112093	1.83	ng/ul	95
68) Pentachlorophenol	16.72	266	47064	4.77	ng/ul	99
69) Phenanthrene	17.11	178	266719	3.57	ng/ul	98
71) Anthracene	17.20	178	188931	2.47	ng/ul	96
74) Fluoranthene	19.13	202	812105	8.86	ng/ul#	92
77) Pyrene	19.49	202	909566	12.12	ng/ul#	91
80) Benzo(a)anthracene	21.24	228	447352	5.71	ng/ul	94
82) Chrysene	21.29	228	565553	7.78	ng/ul	97
85) Benzo(b)fluoranthene	22.82	252	1302483	19.36	ng/ul#	98
86) Benzo(k)fluoranthene	22.82	252	1302483	20.57	ng/ul#	97
88) Benzo(a)pyrene	23.39	252	541934	8.97	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.70	276	421714	7.03	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.72	278	115133	2.25	ng/ul#	94
91) Benzo(g,h,i)perylene	26.39	276	399321	8.44	ng/ul#	97

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

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

Quantitation Report (Not Reviewed)

Data File : BM013469.D
Acq On : 16 Dec 2017 09:24
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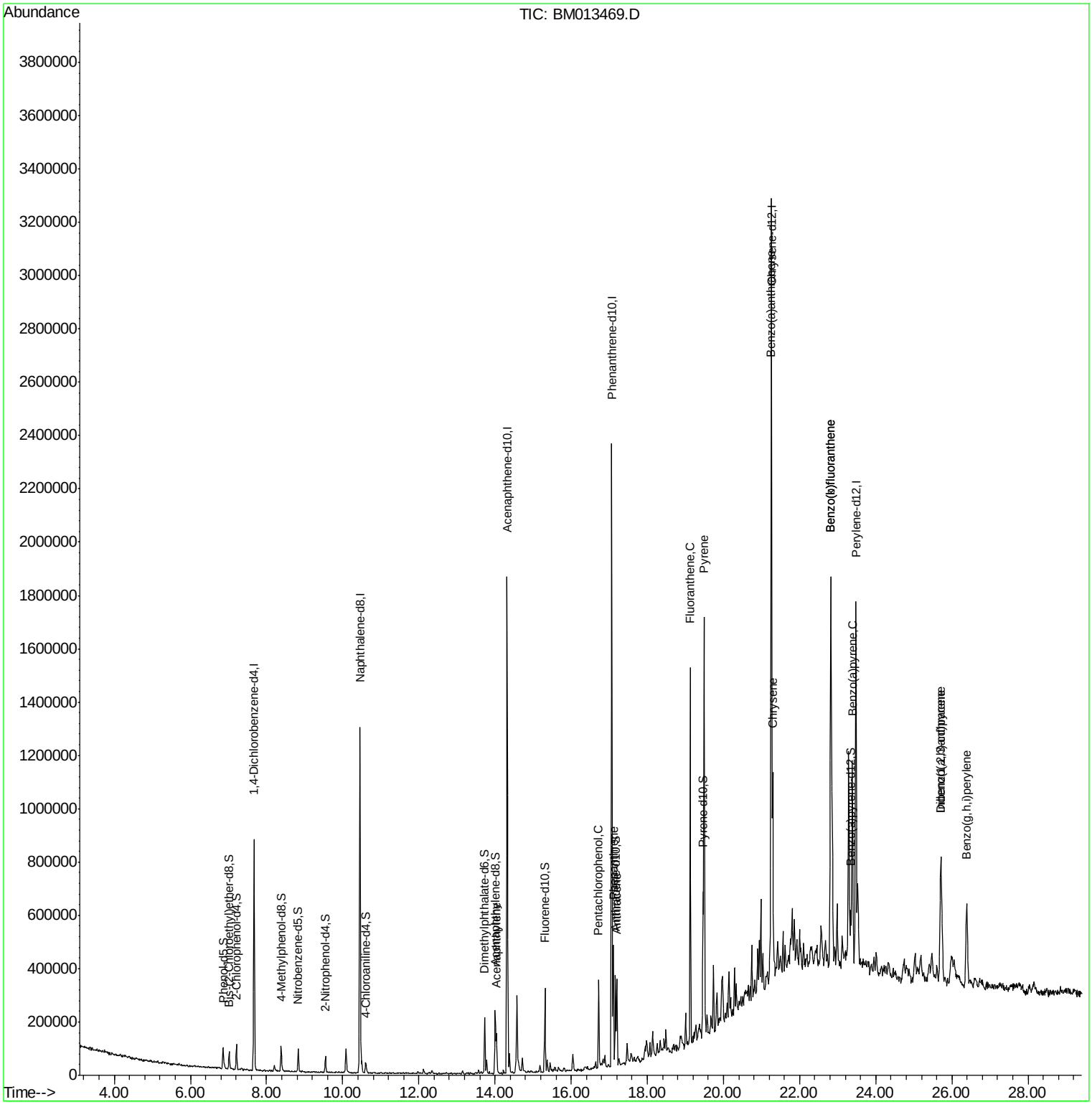
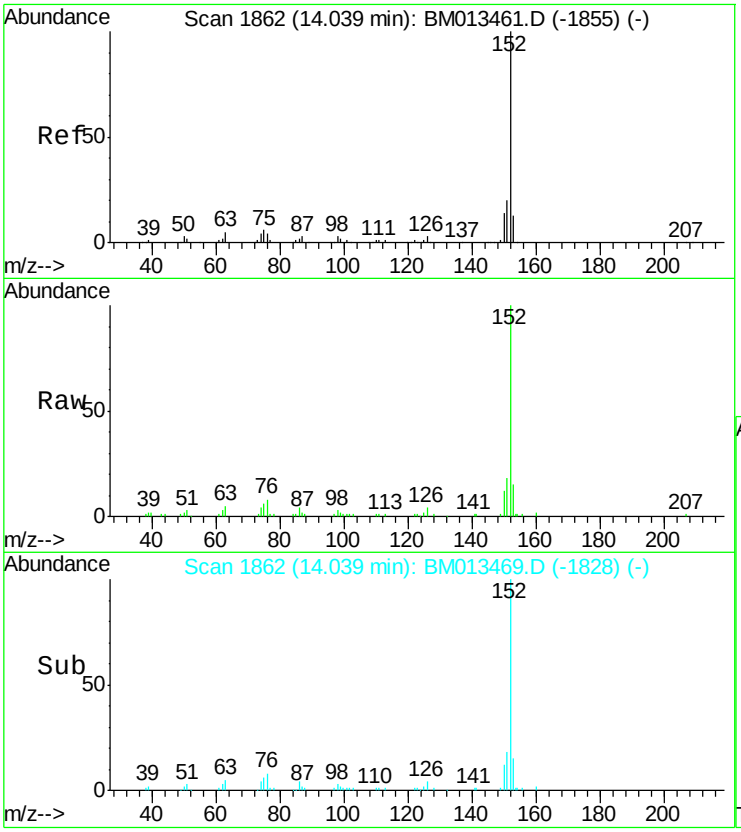
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



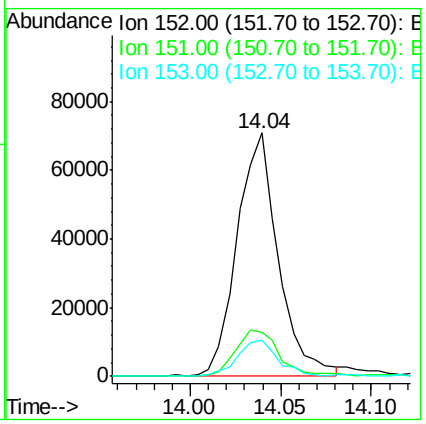


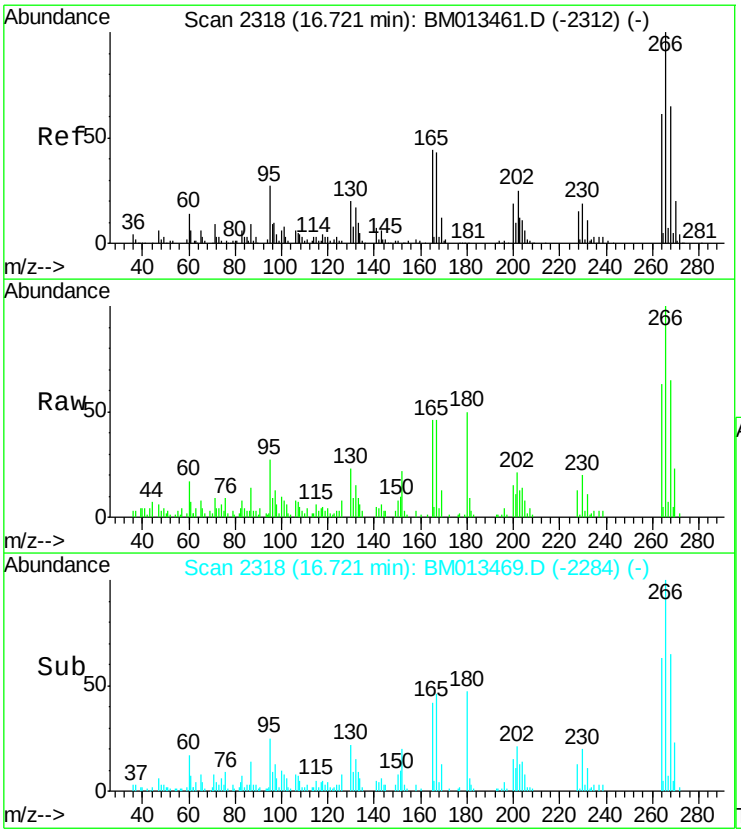
#47
Acenaphthylene
Concen: 1.83 ng/ul
RT: 14.04 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BM013469.D
Acq: 16 Dec 2017 09:24

Instrument :
BNA_M
ClientSampleId :
F9A60DL

Tgt Ion:152 Resp: 112093

Ion	Ratio	Lower	Upper
152	100		
151	17.9	16.3	24.5
153	14.9	10.2	15.4

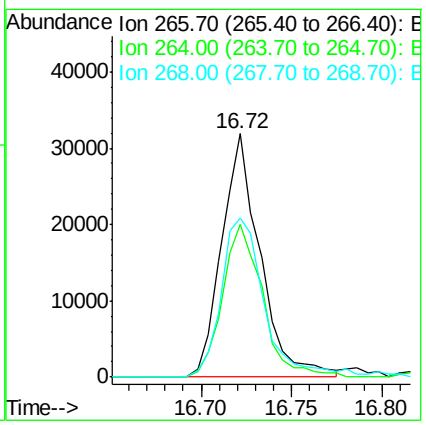


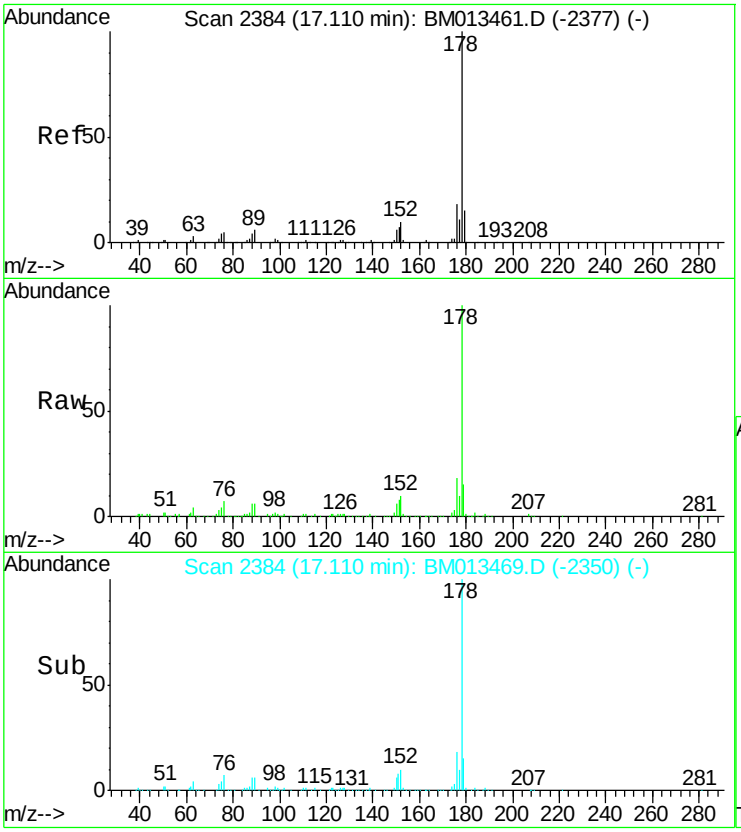


#68
Pentachlorophenol
Concen: 4.77 ng/ul
RT: 16.72 min Scan# 2318
Delta R.T. 0.00 min
Lab File: BM013469.D
Acq: 16 Dec 2017 09:24

Tgt Ion:266 Resp: 47064

Ion	Ratio	Lower	Upper
266	100		
264	62.7	49.3	73.9
268	65.4	52.6	78.8



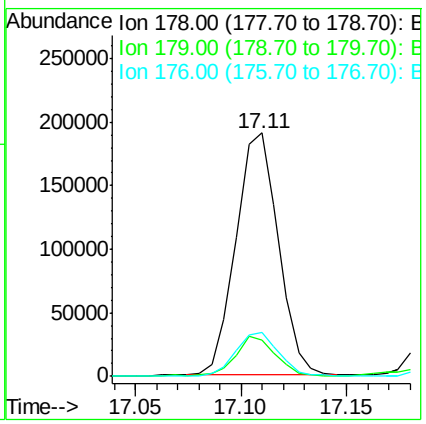


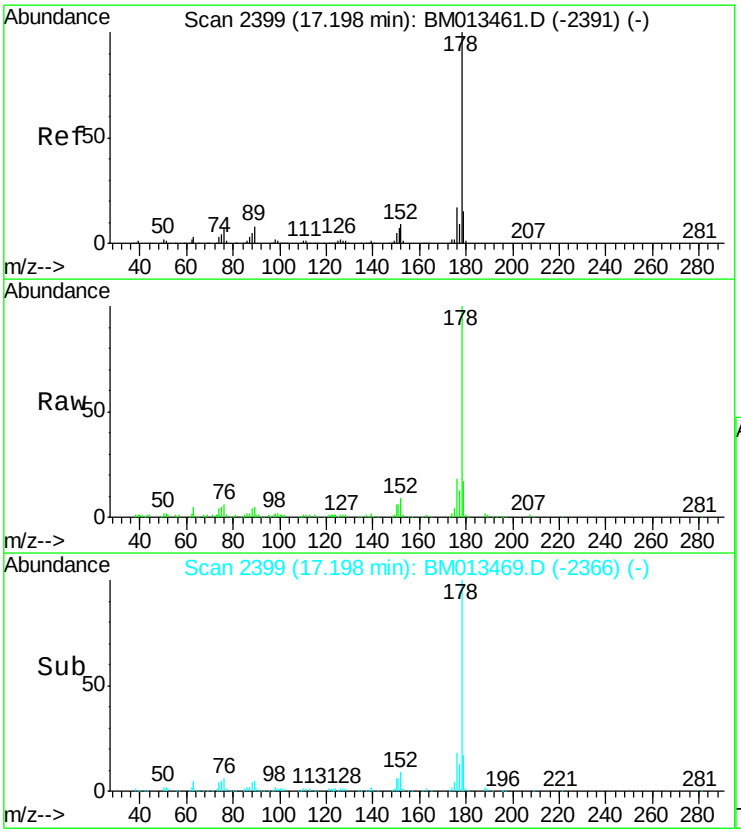
#69
Phenanthrene
Concen: 3.57 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BM013469.D
Acq: 16 Dec 2017 09:24

Instrument :
BNA_M
ClientSampleId :
F9A60DL

Tgt Ion:178 Resp: 266719

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.6	19.0
176	18.1	14.9	22.3

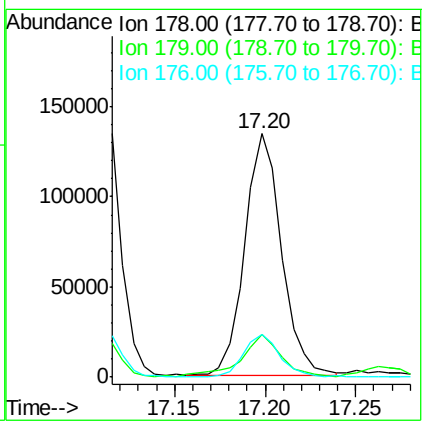


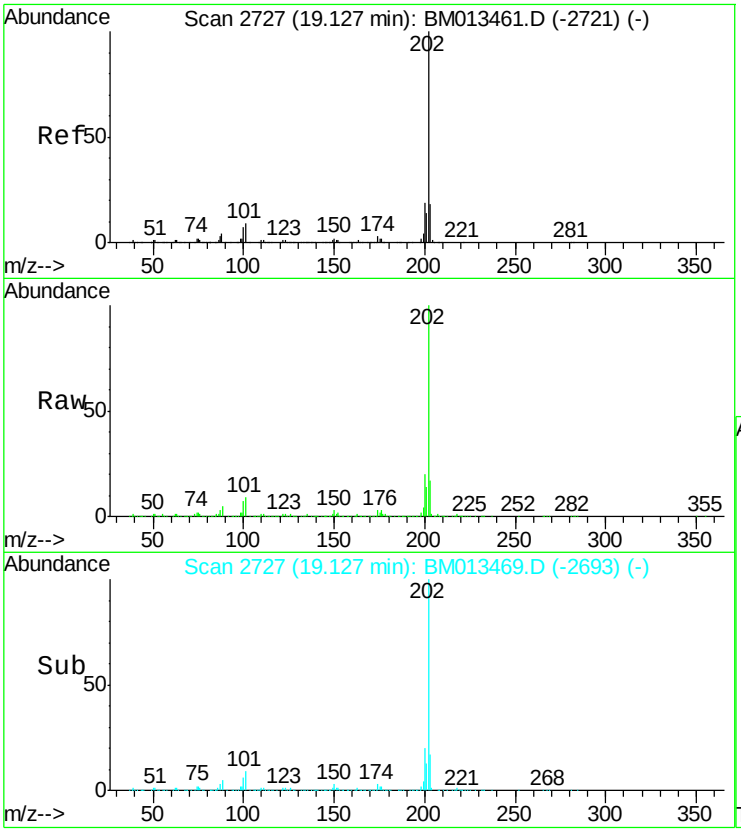


#71
Anthracene
Concen: 2.47 ng/ul
RT: 17.20 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM013469.D
Acq: 16 Dec 2017 09:24

Tgt Ion:178 Resp: 188931

Ion	Ratio	Lower	Upper
178	100		
179	17.5	11.7	17.5
176	17.7	14.6	21.8



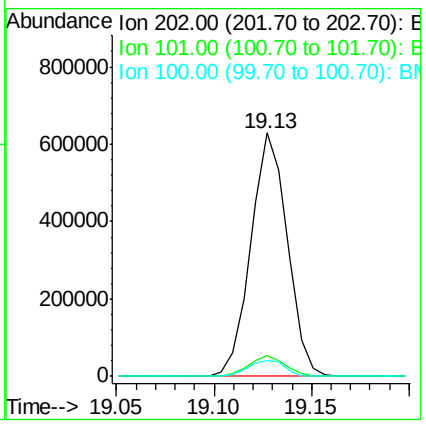


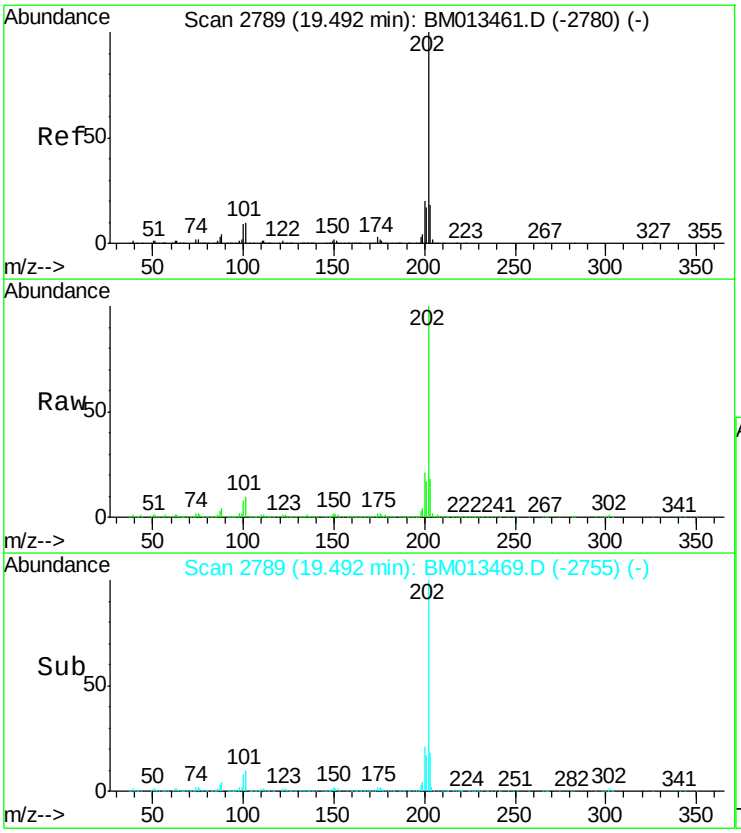
#74
Fluoranthene
Concen: 8.86 ng/ul
RT: 19.13 min Scan# 2727
Delta R.T. 0.00 min
Lab File: BM013469.D
Acq: 16 Dec 2017 09:24

Instrument :
BNA_M
ClientSampleId :
F9A60DL

Tgt Ion:202 Resp: 812105

Ion	Ratio	Lower	Upper
202	100		
101	8.6	4.6	7.0#
100	6.6	3.4	5.2#

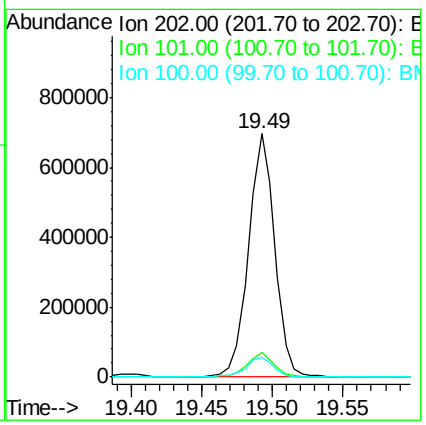


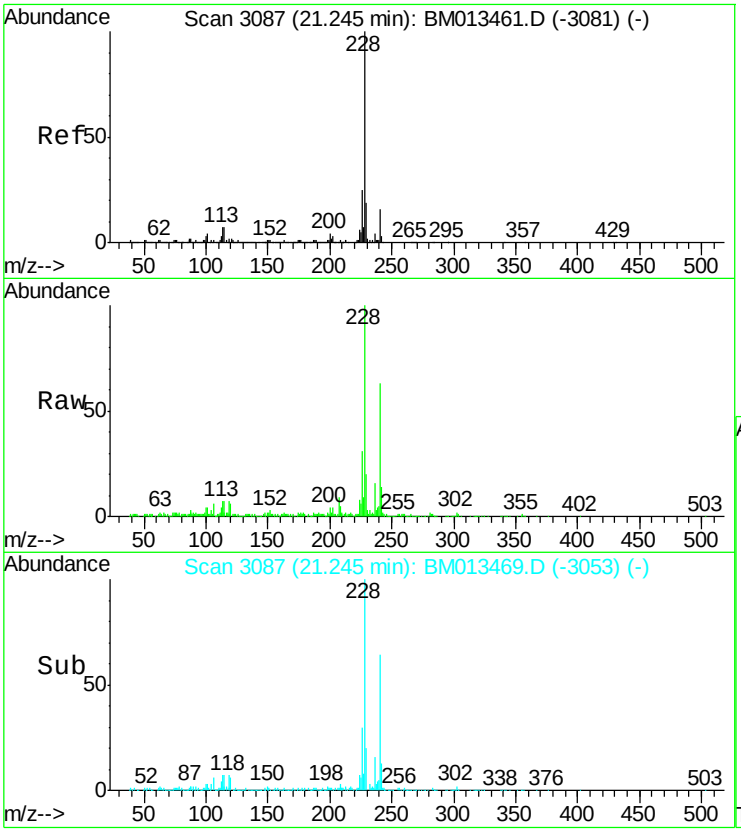


#77
Pyrene
Concen: 12.12 ng/ul
RT: 19.49 min Scan# 2789
Delta R.T. 0.00 min
Lab File: BM013469.D
Acq: 16 Dec 2017 09:24

Tgt Ion:202 Resp: 909566

Ion	Ratio	Lower	Upper
202	100		
101	10.3	5.1	7.7#
100	8.2	4.9	7.3#



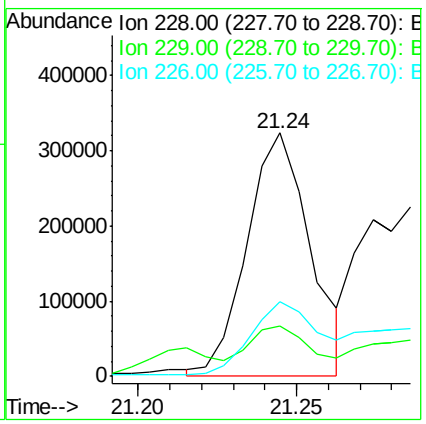


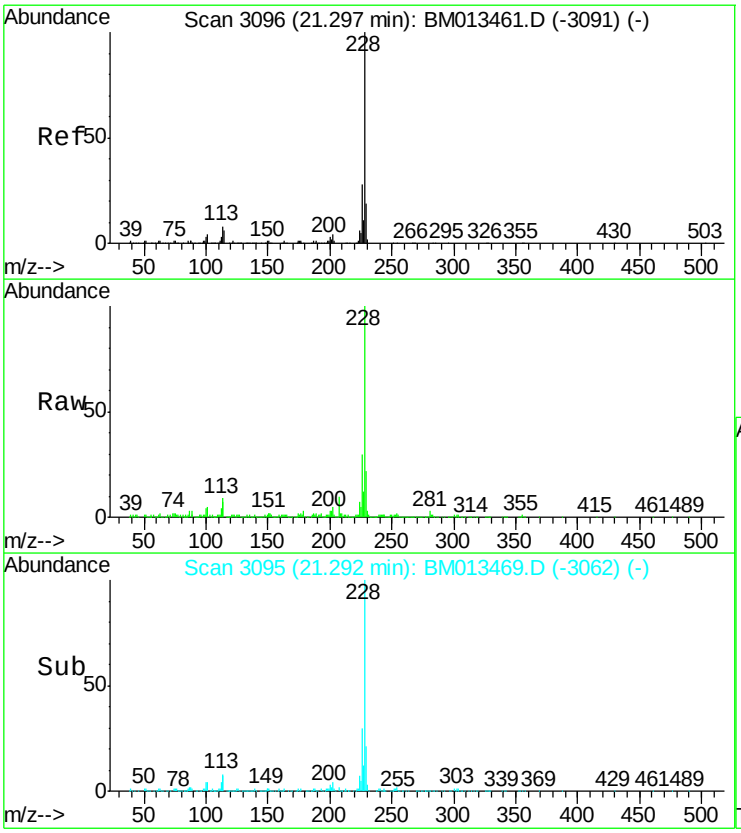
#80
Benzo(a)anthracene
Concen: 5.71 ng/ul
RT: 21.24 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BM013469.D
Acq: 16 Dec 2017 09:24

Instrument :
BNA_M
ClientSampleId :
F9A60DL

Tgt Ion:228 Resp: 447352

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.4	23.0
226	30.8	21.4	32.0

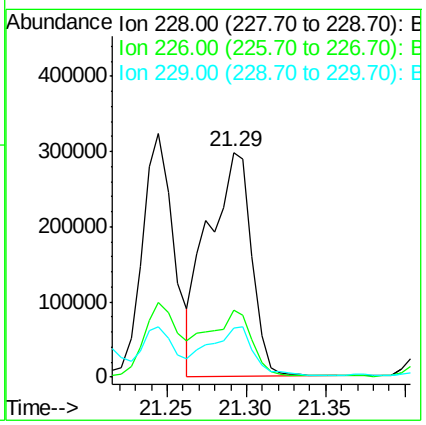


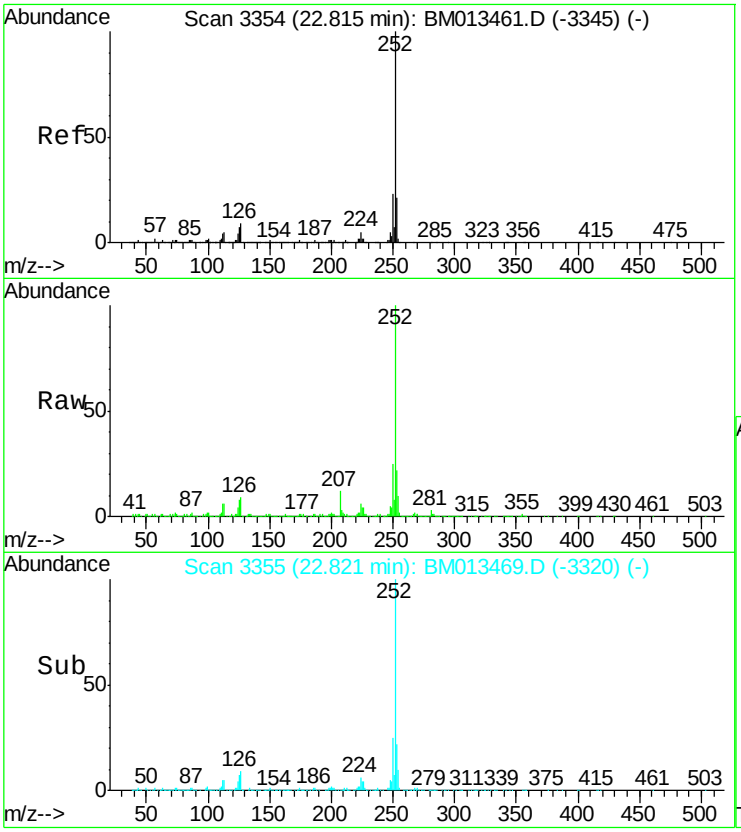


#82
Chrysene
Concen: 7.78 ng/ul
RT: 21.29 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM013469.D
Acq: 16 Dec 2017 09:24

Tgt Ion:228 Resp: 565553

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	22.0	15.5	23.3



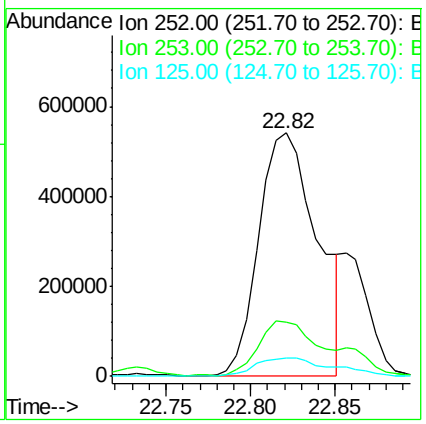


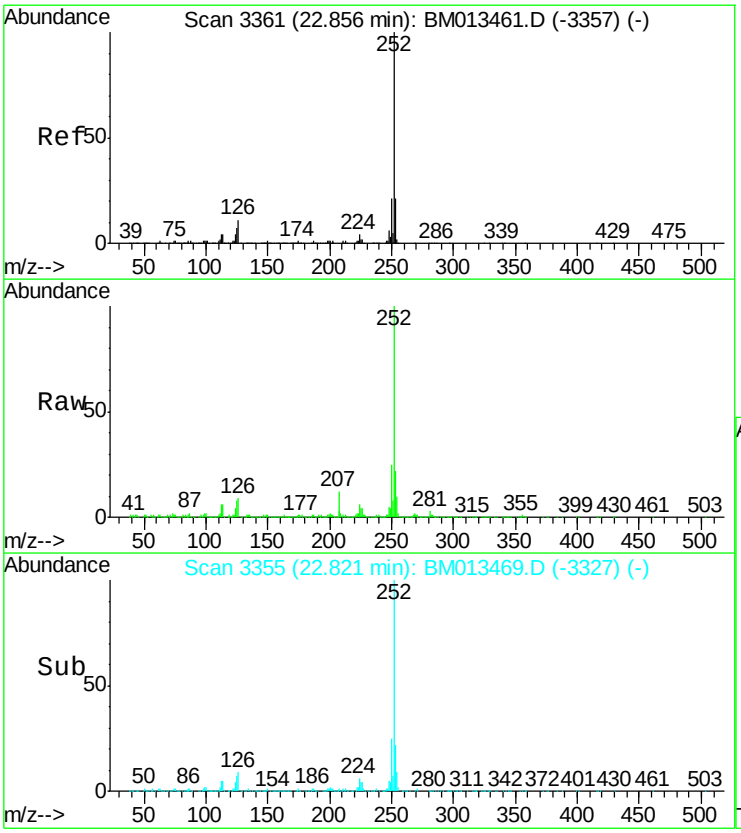
#85
Benzo(b)fluoranthene
Concen: 19.36 ng/ul
RT: 22.82 min Scan# 3355
Delta R.T. 0.01 min
Lab File: BM013469.D
Acq: 16 Dec 2017 09:24

Instrument :
BNA_M
ClientSampleId :
F9A60DL

Tgt Ion:252 Resp: 1302483

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	7.7	3.6	5.4#

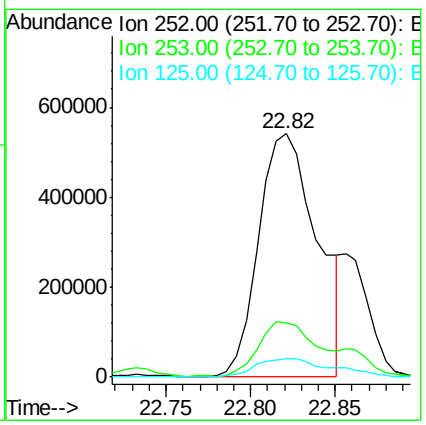


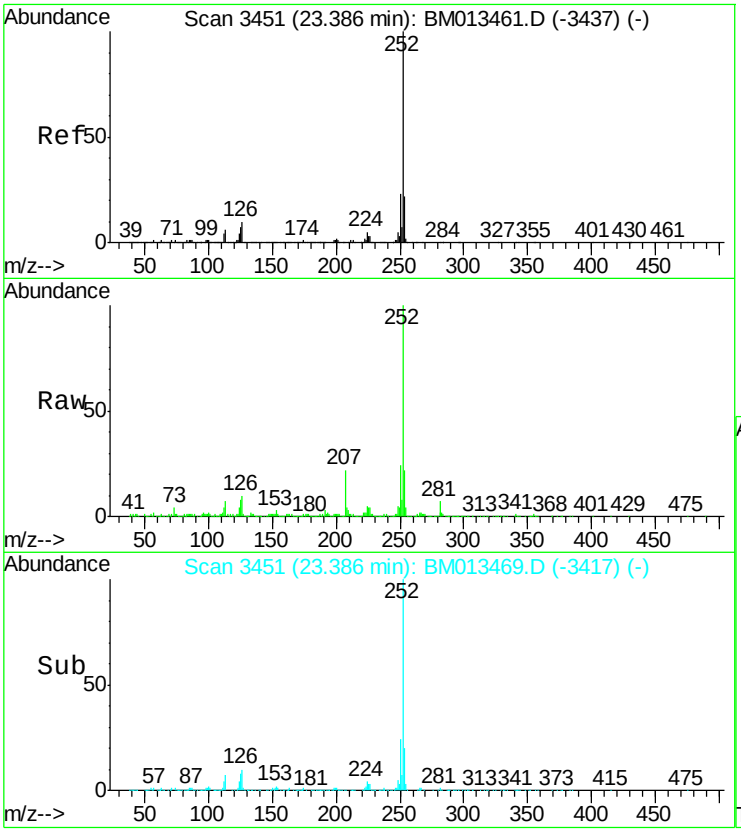


#86
Benzo(k)fluoranthene
Concen: 20.57 ng/ul
RT: 22.82 min Scan# 3355
Delta R.T. -0.04 min
Lab File: BM013469.D
Acq: 16 Dec 2017 09:24

Tgt Ion:252 Resp: 1302483

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	7.7	3.4	5.2#



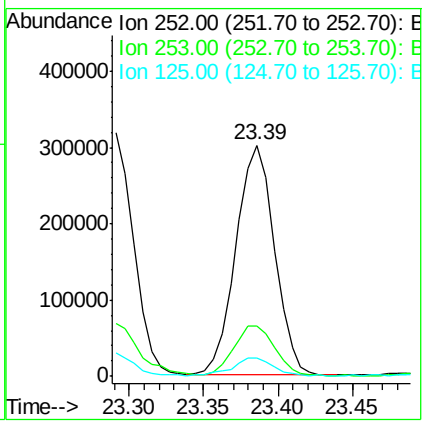


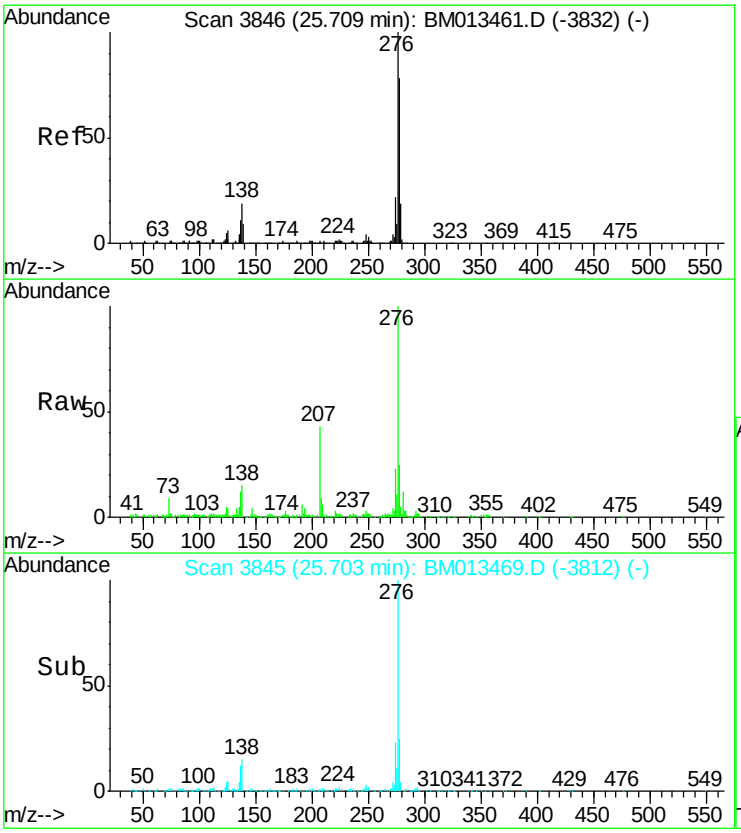
#88
Benzo(a)pyrene
Concen: 8.97 ng/ul
RT: 23.39 min Scan# 3451
Delta R.T. 0.00 min
Lab File: BM013469.D
Acq: 16 Dec 2017 09:24

Instrument :
BNA_M
ClientSampleId :
F9A60DL

Tgt Ion:252 Resp: 541934

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	7.7	4.0	6.0#

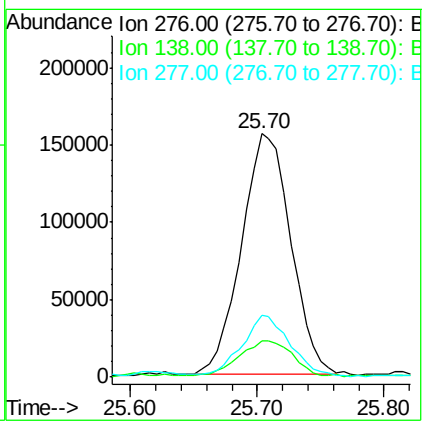


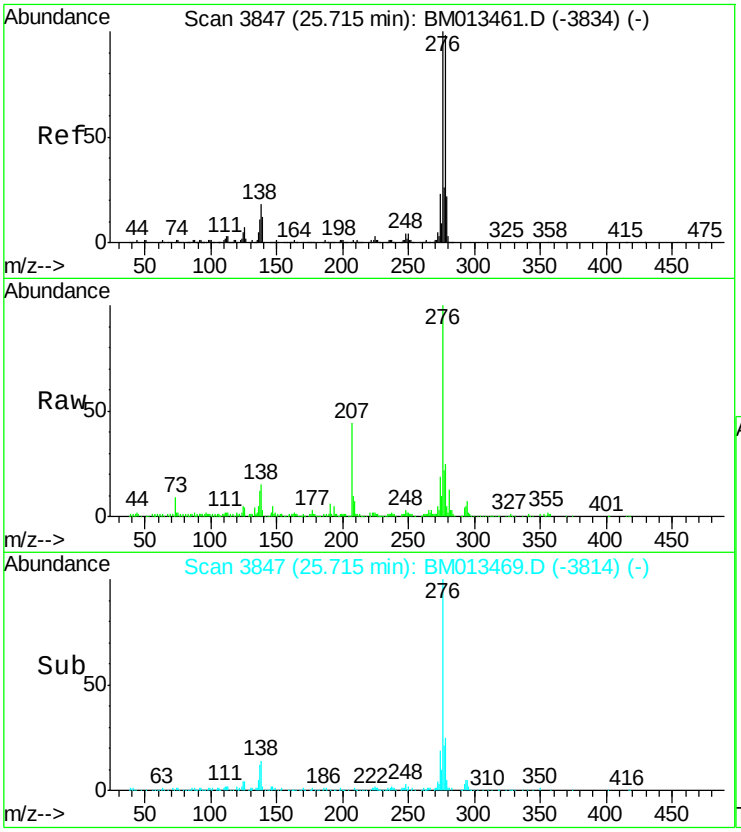


#89
Indeno(1,2,3-cd)pyrene
Concen: 7.03 ng/ul
RT: 25.70 min Scan# 3845
Delta R.T. -0.01 min
Lab File: BM013469.D
Acq: 16 Dec 2017 09:24

Tgt Ion:276 Resp: 421714

Ion	Ratio	Lower	Upper
276	100		
138	15.1	9.3	13.9#
277	25.5	19.9	29.9



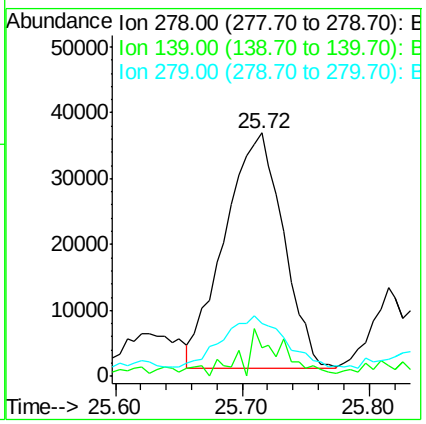


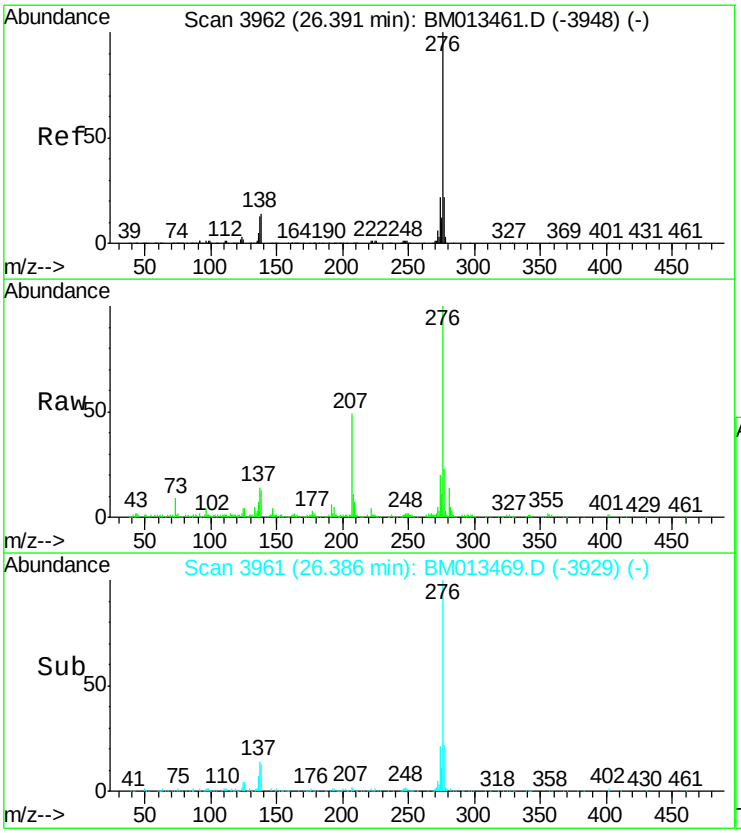
#90
Dibenzo(a,h)anthracene
Concen: 2.25 ng/ul
RT: 25.72 min Scan# 3847
Delta R.T. -0.01 min
Lab File: BM013469.D
Acq: 16 Dec 2017 09:24

Instrument :
BNA_M
ClientSampleId :
F9A60DL

Tgt Ion:278 Resp: 115133

Ion	Ratio	Lower	Upper
278	100		
139	11.9	5.8	8.8#
279	21.5	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 8.44 ng/ul
RT: 26.39 min Scan# 3961
Delta R.T. -0.01 min
Lab File: BM013469.D
Acq: 16 Dec 2017 09:24

Tgt Ion:276 Resp: 399321

Ion	Ratio	Lower	Upper
276	100		
138	12.8	8.5	12.7#
277	22.7	18.6	28.0