Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013325.D
Acq On : 12 Dec 2017 03:43
Operator : SJ/JU
Sample : I6759-10 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 12 06:17:50 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	241323	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1074147	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	642229	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1459677	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1571661	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1361458	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	1990	0.41	ng/uL	0.00
5) Phenol-d5	6.86	99	43337	2.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	27261	2.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	36403	2.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	38598	2.16	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	21306	2.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	18880	2.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	38410	2.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	22882	1.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	134732	2.36	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	164121	2.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	15802	1.59	ng/ul	0.01
57) Fluorene-d10	15.33	176	115998	2.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	15328	1.67	ng/ul	0.00
70) Anthracene-d10	17.17	188	176447	2.41	ng/ul	0.00
76) Pyrene-d10	19.47	212	197786	2.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	166291	2.40	ng/ul	0.00
Target Compounds						Qvalue
47) Acenaphthylene	14.05	152	304417	4.664	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.96	232	25326	1.800	ng/ul#	84
68) Pentachlorophenol	16.74	266	1893044	172.968	ng/ul	98
69) Phenanthrene	17.12	178	335303	4.043	ng/ul	98
71) Anthracene	17.21	178	509935	6.016	ng/ul	99
72) Carbazole	17.48	167	114383	1.569	ng/ul	98
74) Fluoranthene	19.14	202	1396264	13.739	ng/ul#	93
77) Pyrene	19.50	202	1737808	18.200	ng/ul#	92
80) Benzo(a)anthracene	21.25	228	460096	4.614	ng/ul	94
82) Chrysene	21.29	228	364116	3.936	ng/ul	97
85) Benzo(b)fluoranthene	22.83	252	2322820	25.309	ng/ul#	98
86) Benzo(k)fluoranthene	22.83	252	2322820	26.894	ng/ul#	96
88) Benzo(a)pyrene	23.40	252	995609	12.076	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.73	276	856412	10.469	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.73	278	230808	3.314	ng/ul#	94
91) Benzo(g,h,i)perylene	26.41	276	768122	11.904	ng/ul#	94

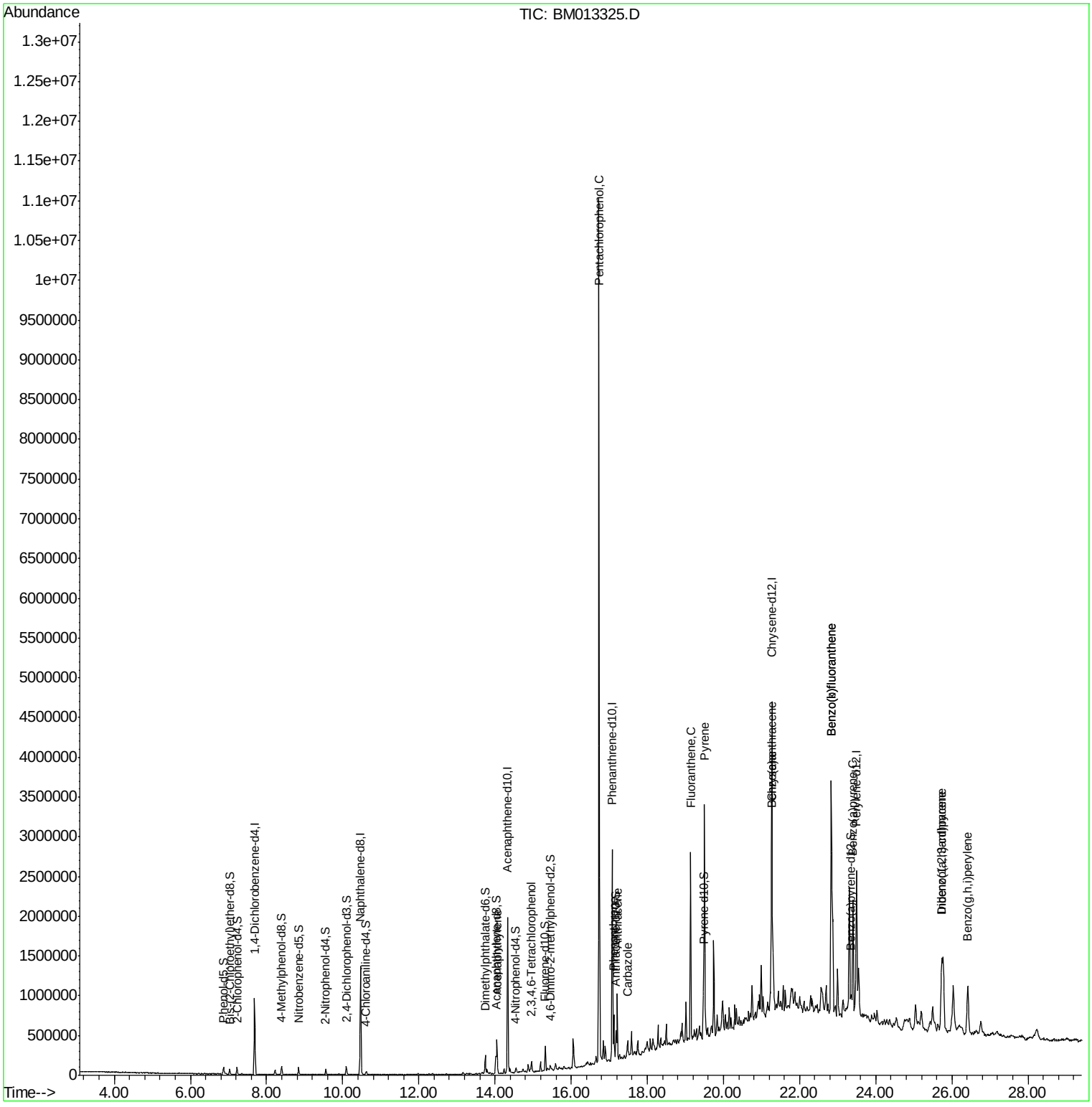
(#) = qualifier out of range (m) = manual integration (+) = signals summed

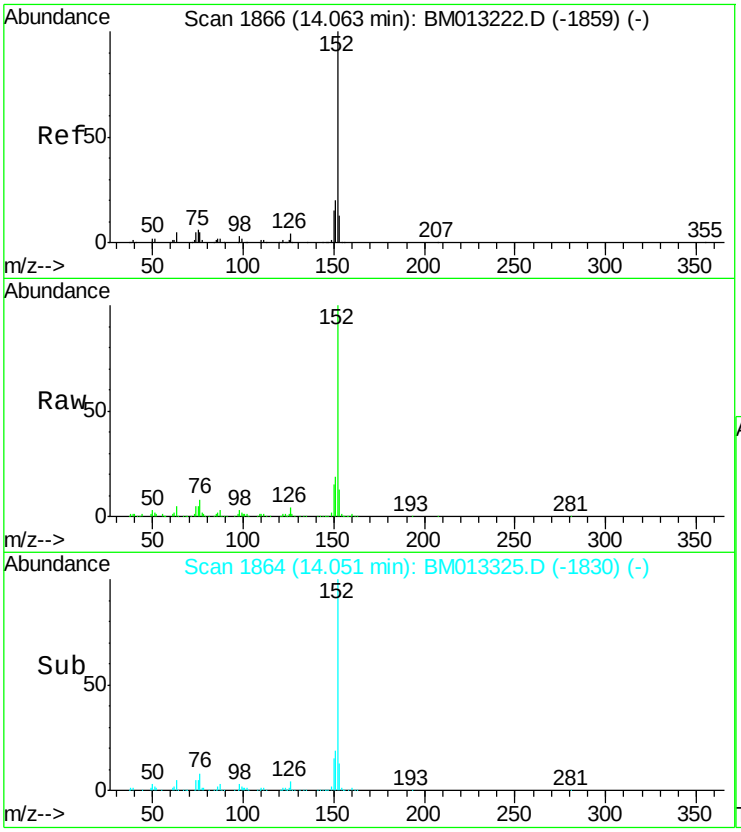
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013325.D
Acq On : 12 Dec 2017 03:43
Operator : SJ/JU
Sample : I6759-10 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 12 06:17:50 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



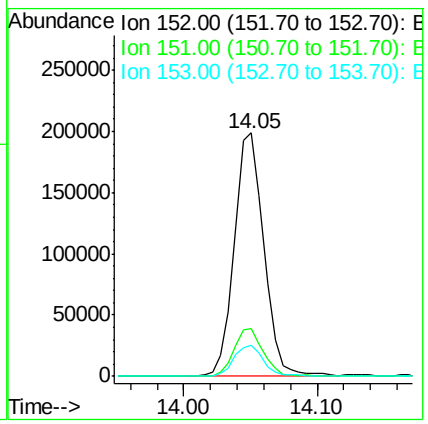


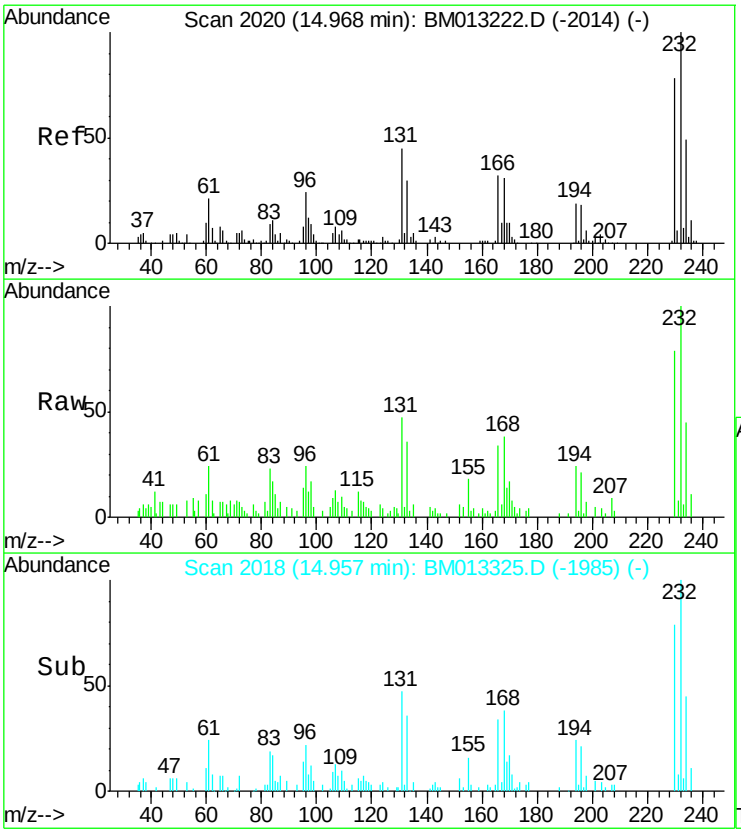
#47
Acenaphthylene
Concen: 4.664 ng/ul
RT: 14.05 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BM013325.D
Acq: 12 Dec 2017 03:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 304417

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.3	24.5
153	12.9	10.2	15.4

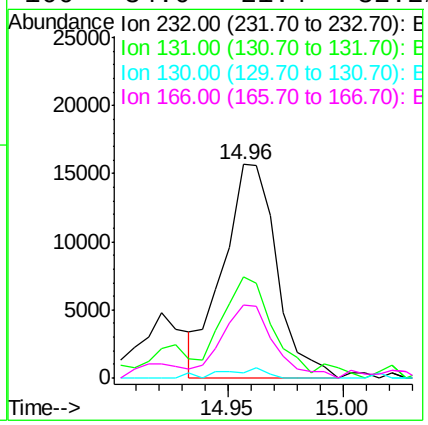


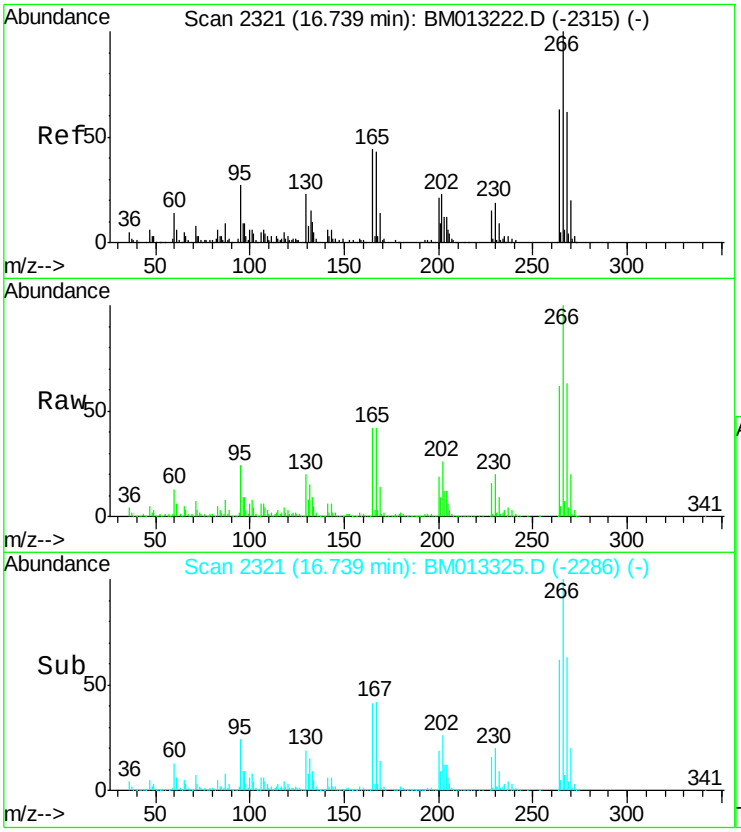


#55
2,3,4,6-Tetrachlorophenol
Concen: 1.800 ng/ul
RT: 14.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BM013325.D
Acq: 12 Dec 2017 03:43

Tgt Ion:232 Resp: 25326

Ion	Ratio	Lower	Upper
232	100		
131	47.4	29.0	43.4#
130	2.4	2.0	3.0
166	34.0	21.4	32.2#



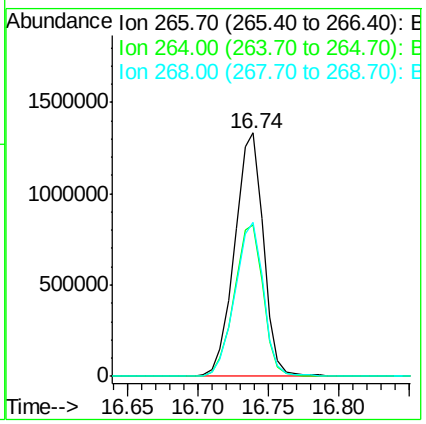


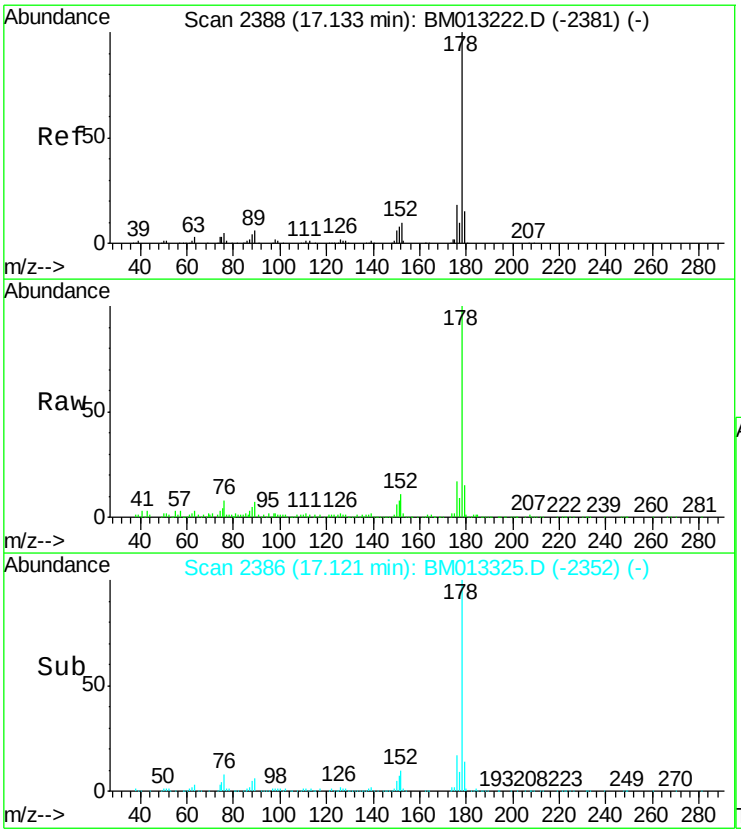
#68
Pentachlorophenol
Concen: 172.968 ng/ul
RT: 16.74 min Scan# 2321
Delta R.T. 0.01 min
Lab File: BM013325.D
Acq: 12 Dec 2017 03:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 1893044

Ion	Ratio	Lower	Upper
266	100		
264	62.4	49.3	73.9
268	63.3	52.6	78.8

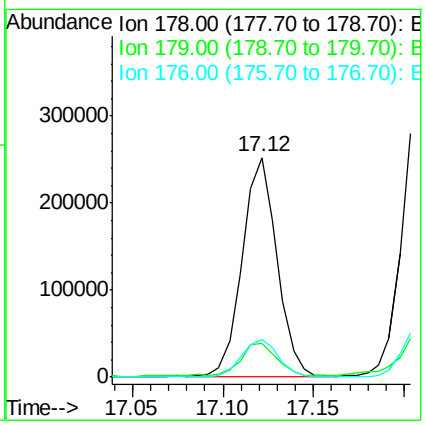


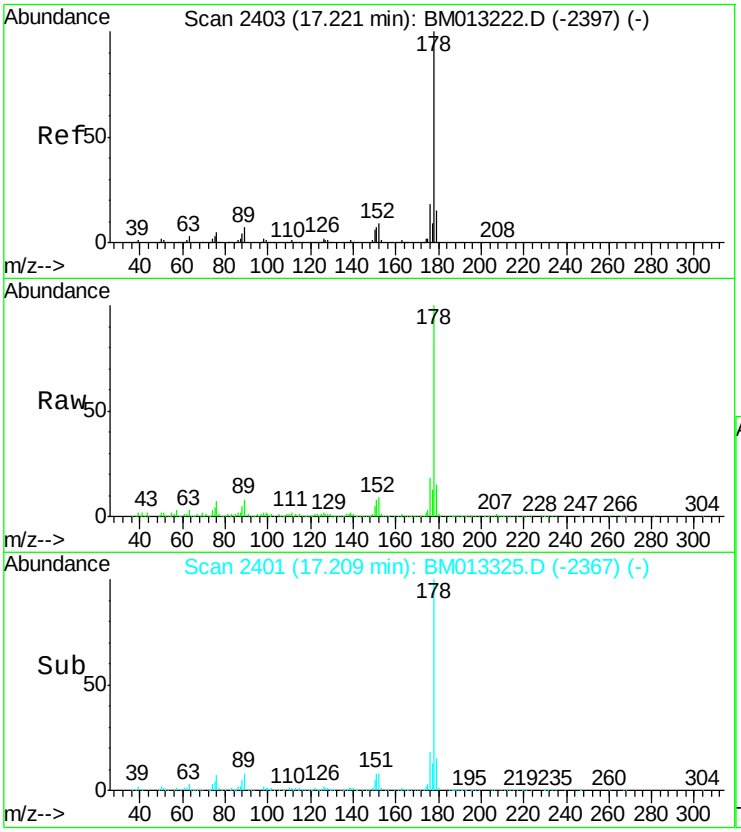


#69
Phenanthrene
Concen: 4.043 ng/ul
RT: 17.12 min Scan# 2386
Delta R.T. -0.00 min
Lab File: BM013325.D
Acq: 12 Dec 2017 03:43

Tgt Ion:178 Resp: 335303

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	17.2	14.9	22.3



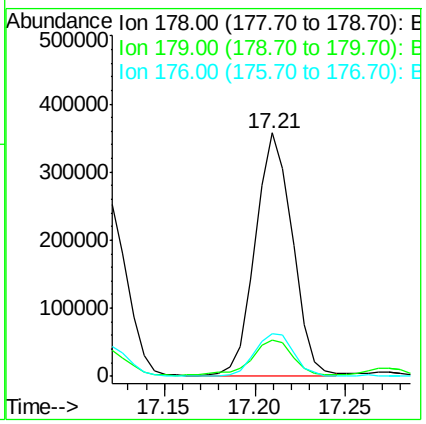


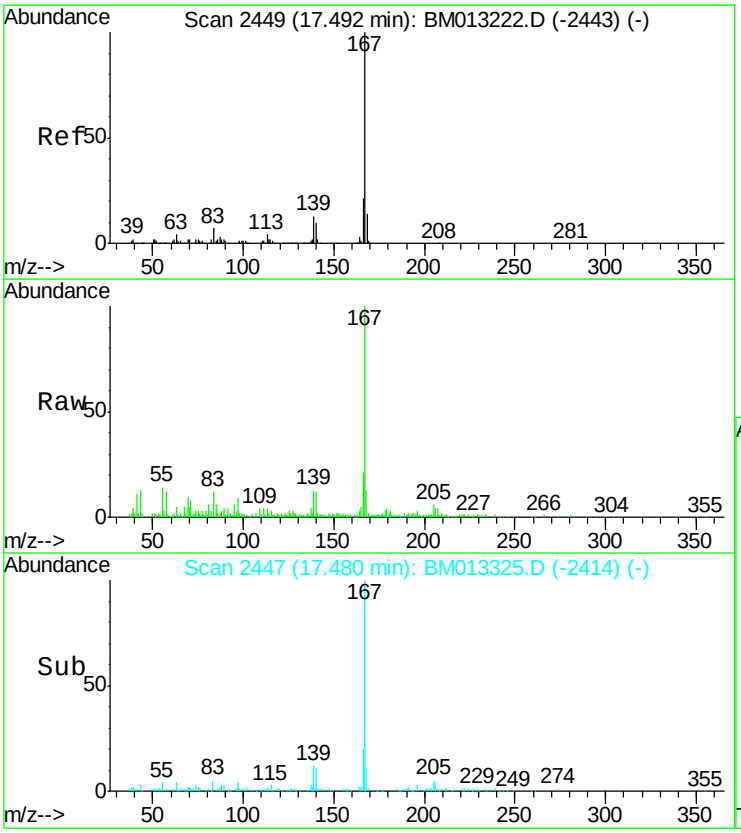
#71
Anthracene
Concen: 6.016 ng/ul
RT: 17.21 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BM013325.D
Acq: 12 Dec 2017 03:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 509935

Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.7	17.5
176	17.8	14.6	21.8

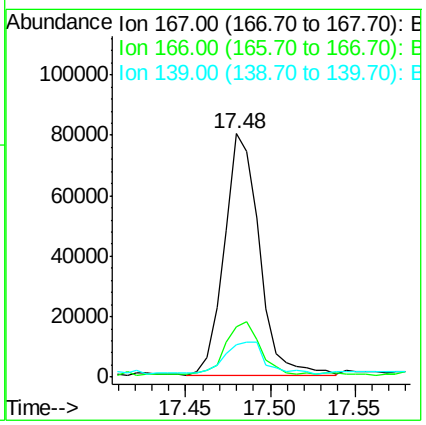


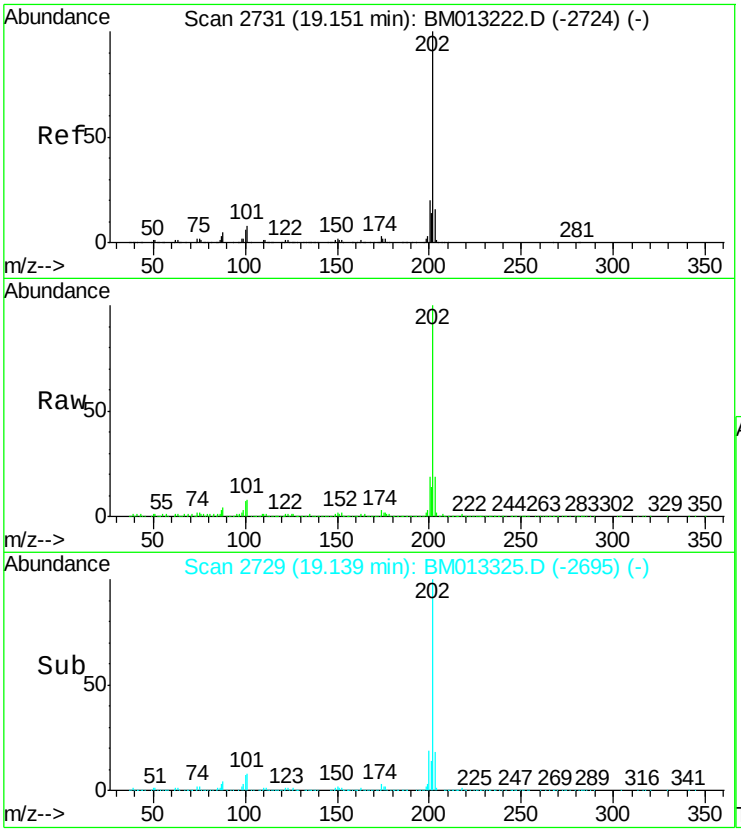


#72
Carbazole
Concen: 1.569 ng/ul
RT: 17.48 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BM013325.D
Acq: 12 Dec 2017 03:43

Tgt Ion:167 Resp: 114383

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.1	25.7
139	13.3	10.0	15.0



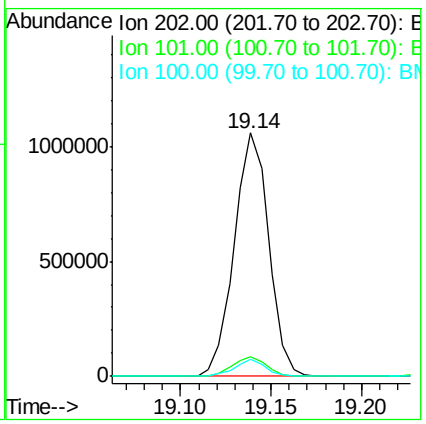


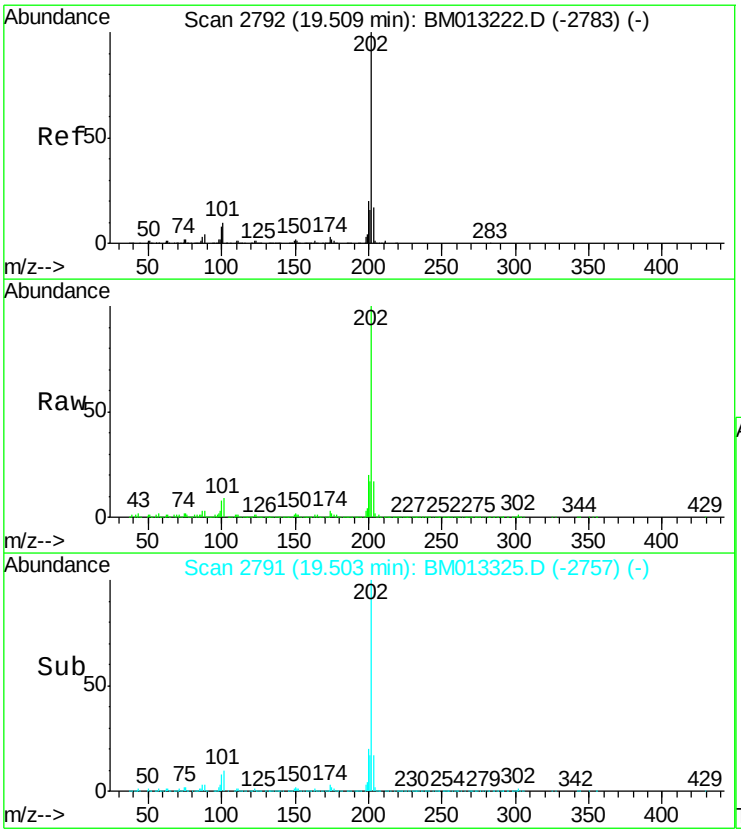
#74
Fluoranthene
Concen: 13.739 ng/ul
RT: 19.14 min Scan# 2729
Delta R.T. -0.00 min
Lab File: BM013325.D
Acq: 12 Dec 2017 03:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1396264

Ion	Ratio	Lower	Upper
202	100		
101	7.9	4.6	7.0#
100	6.8	3.4	5.2#

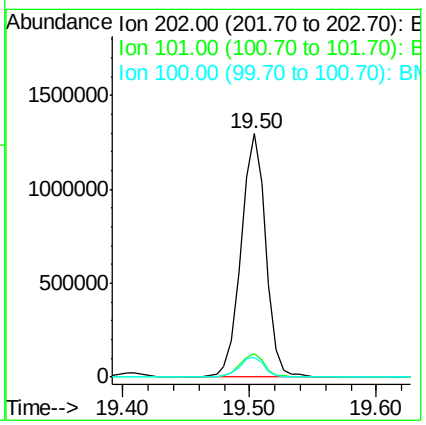


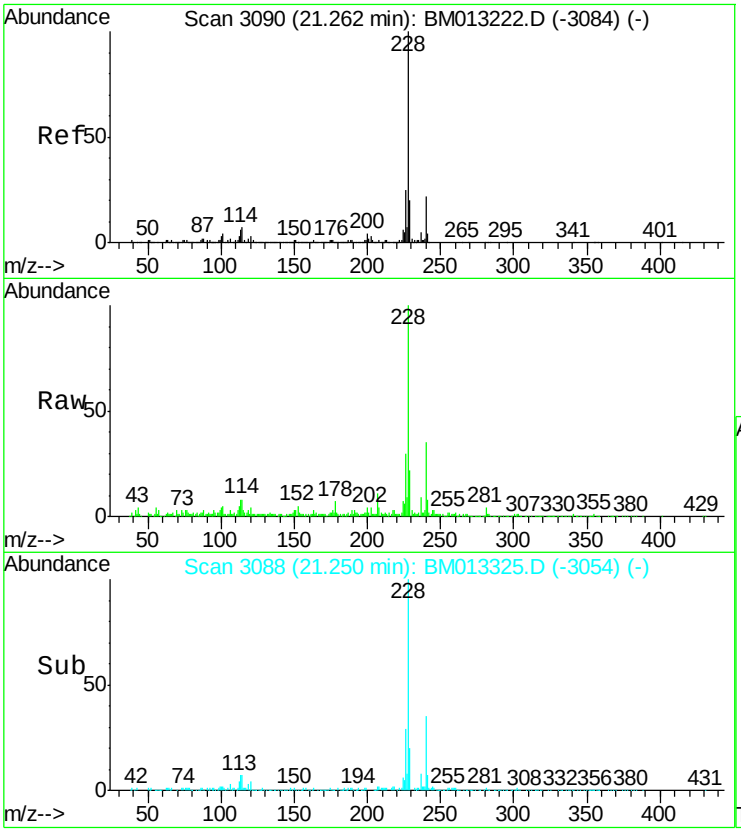


#77
Pyrene
Concen: 18.200 ng/ul
RT: 19.50 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BM013325.D
Acq: 12 Dec 2017 03:43

Tgt Ion:202 Resp: 1737808

Ion	Ratio	Lower	Upper
202	100		
101	9.5	5.1	7.7#
100	8.1	4.9	7.3#



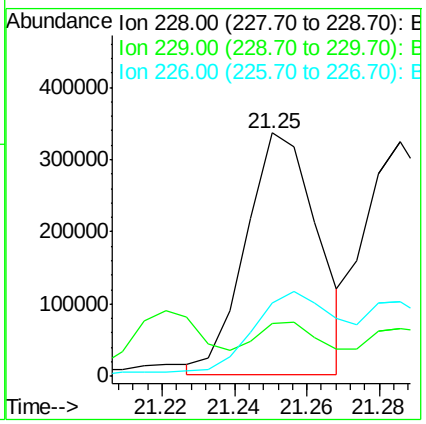


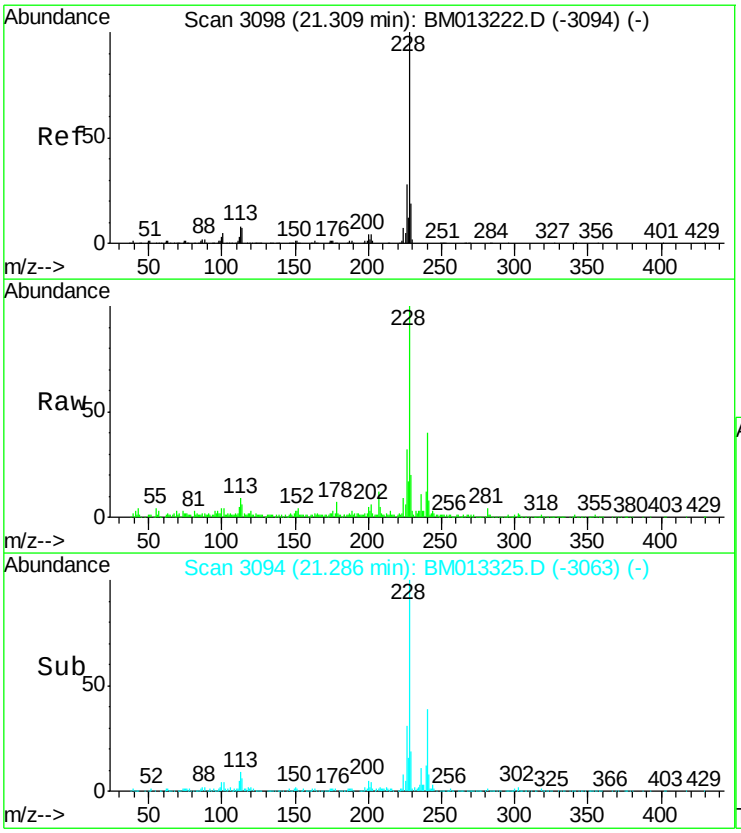
#80
Benzo(a)anthracene
Concen: 4.614 ng/ul
RT: 21.25 min Scan# 3088
Delta R.T. -0.00 min
Lab File: BM013325.D
Acq: 12 Dec 2017 03:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 460096

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.4	23.0
226	30.0	21.4	32.0

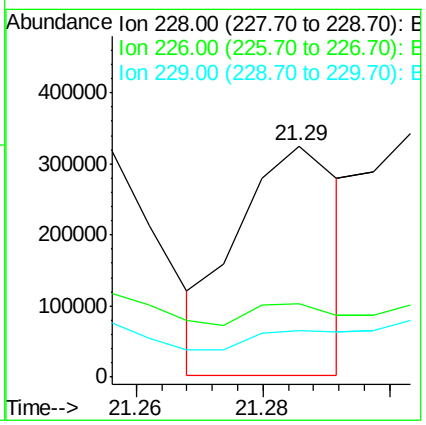


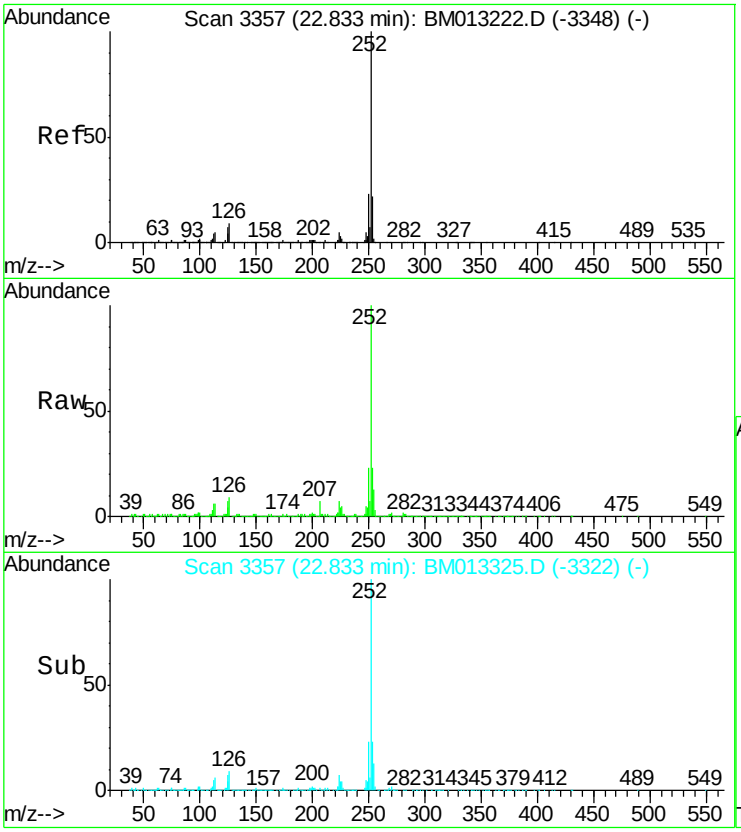


#82
Chrysene
Concen: 3.936 ng/ul
RT: 21.29 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BM013325.D
Acq: 12 Dec 2017 03:43

Tgt Ion:228 Resp: 364116

Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.4	35.2
229	20.2	15.5	23.3



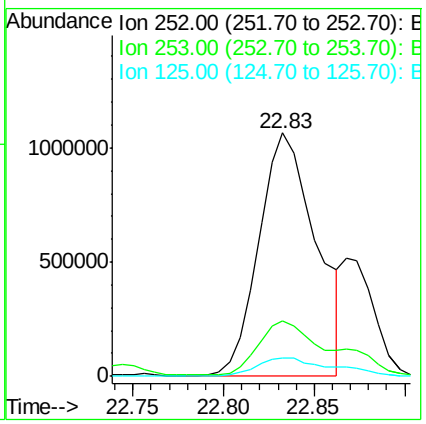


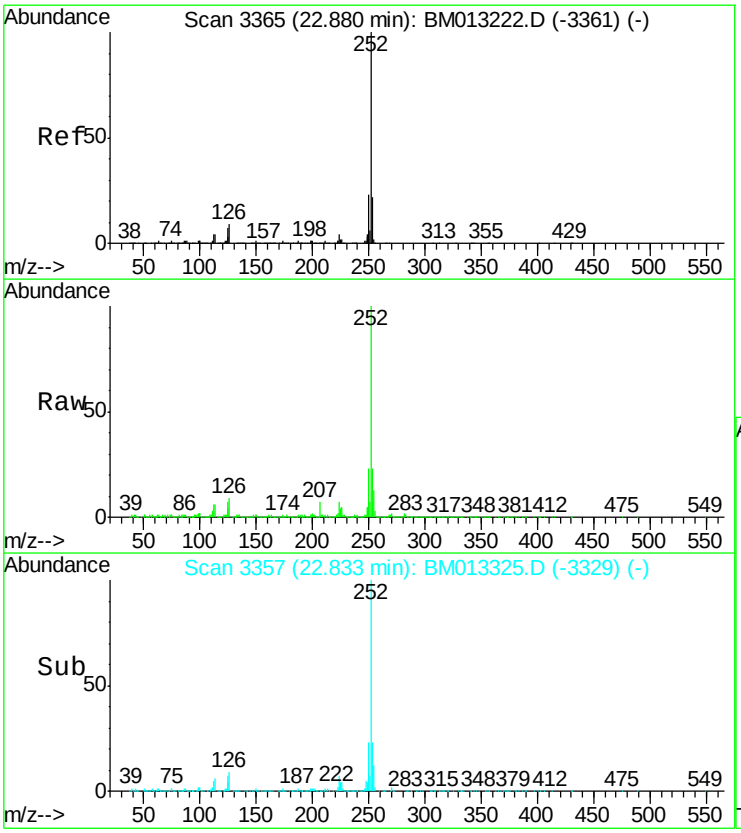
#85
Benzo(b)fluoranthene
Concen: 25.309 ng/ul
RT: 22.83 min Scan# 3357
Delta R.T. 0.01 min
Lab File: BM013325.D
Acq: 12 Dec 2017 03:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2322820

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	7.4	3.6	5.4#

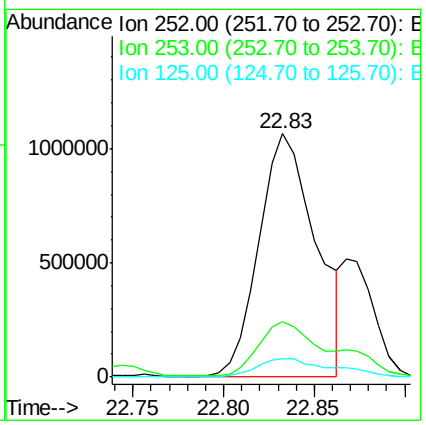


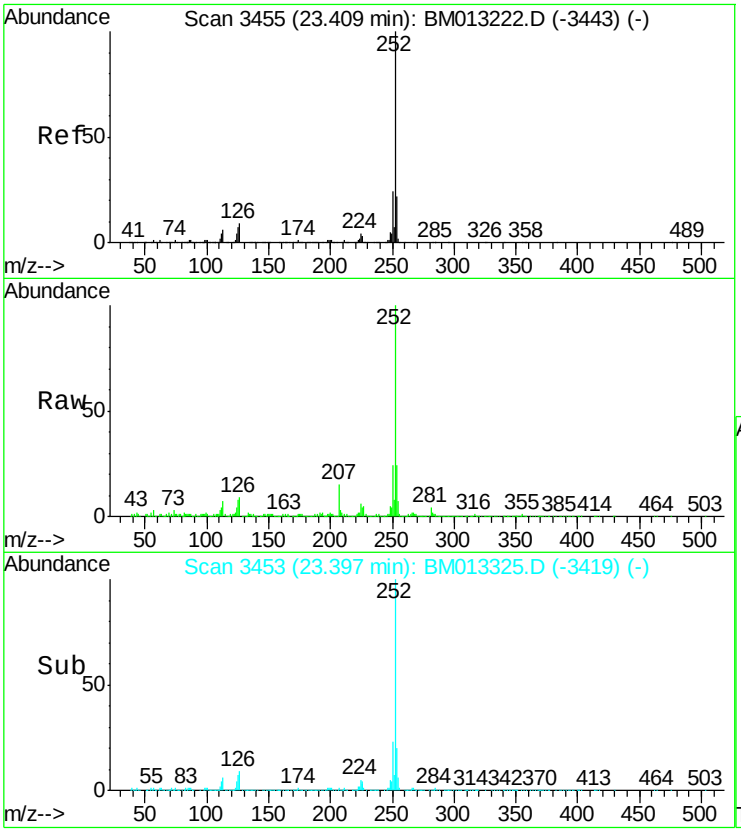


#86
Benzo(k)fluoranthene
Concen: 26.894 ng/ul
RT: 22.83 min Scan# 3357
Delta R.T. -0.04 min
Lab File: BM013325.D
Acq: 12 Dec 2017 03:43

Tgt Ion:252 Resp: 2322820

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	7.4	3.4	5.2#



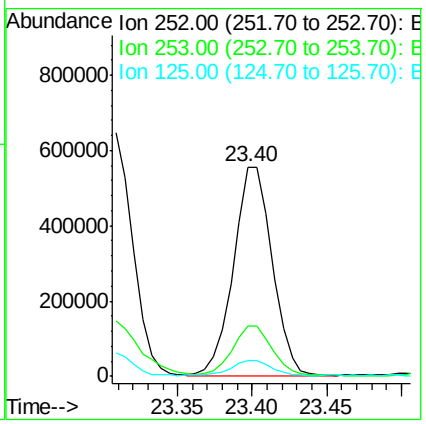


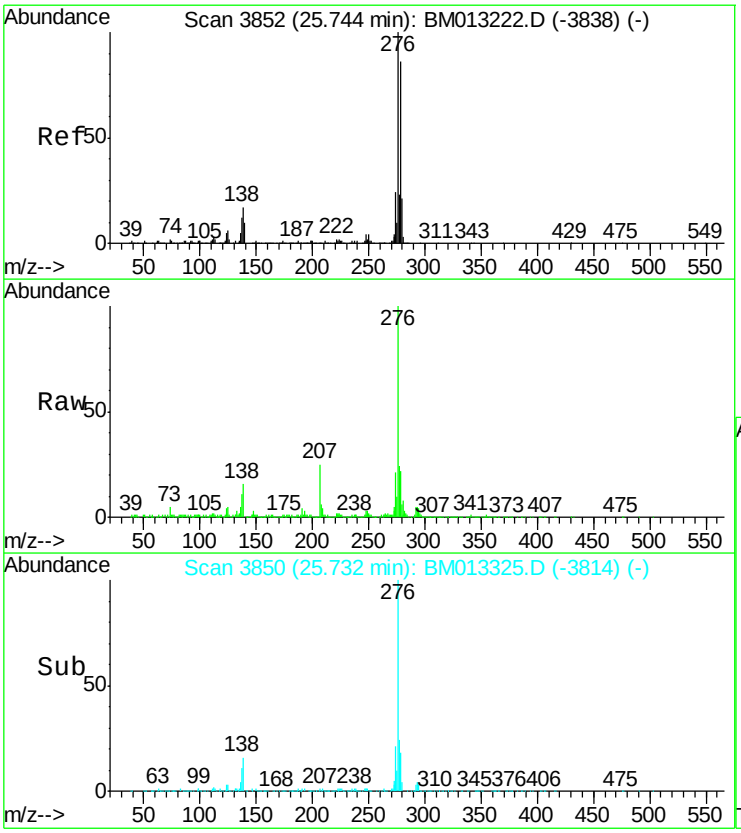
#88
Benzo(a)pyrene
Concen: 12.076 ng/ul
RT: 23.40 min Scan# 3453
Delta R.T. -0.00 min
Lab File: BM013325.D
Acq: 12 Dec 2017 03:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 995609

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	7.8	4.0	6.0#

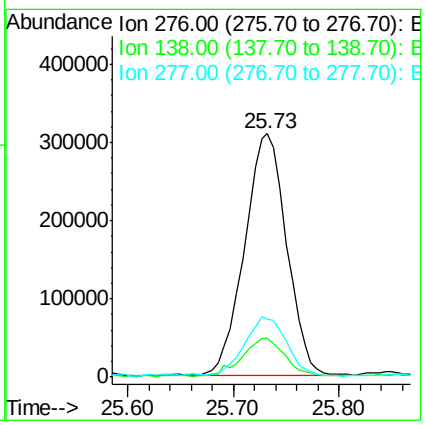


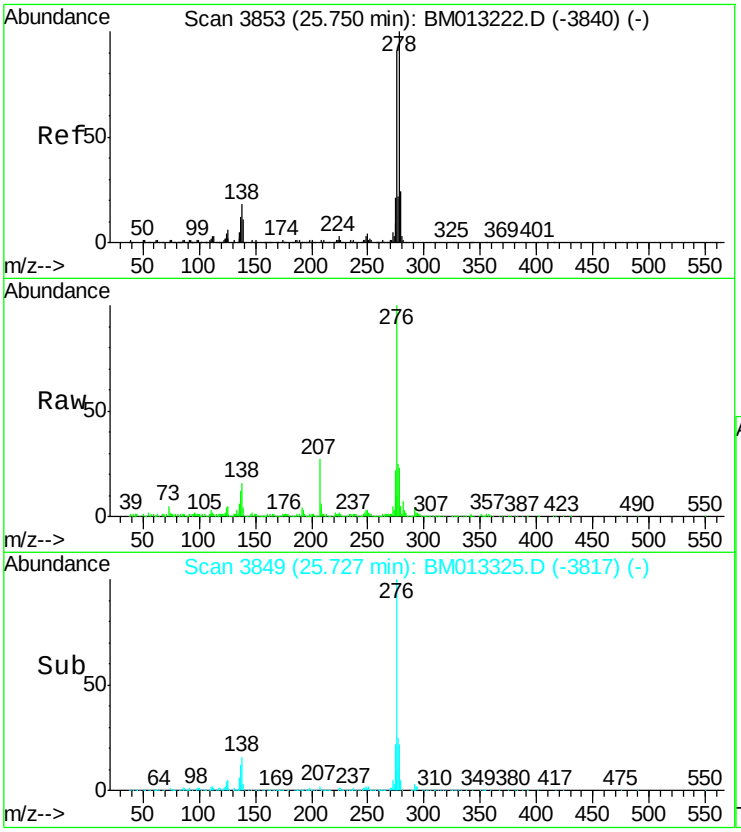


#89
Indeno(1,2,3-cd)pyrene
Concen: 10.469 ng/ul
RT: 25.73 min Scan# 3850
Delta R.T. 0.01 min
Lab File: BM013325.D
Acq: 12 Dec 2017 03:43

Tgt Ion:276 Resp: 856412

Ion	Ratio	Lower	Upper
276	100		
138	15.8	9.3	13.9#
277	23.9	19.9	29.9



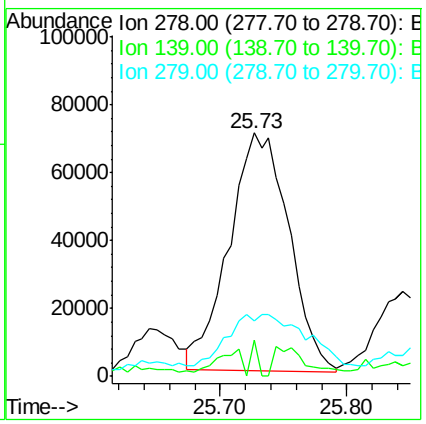


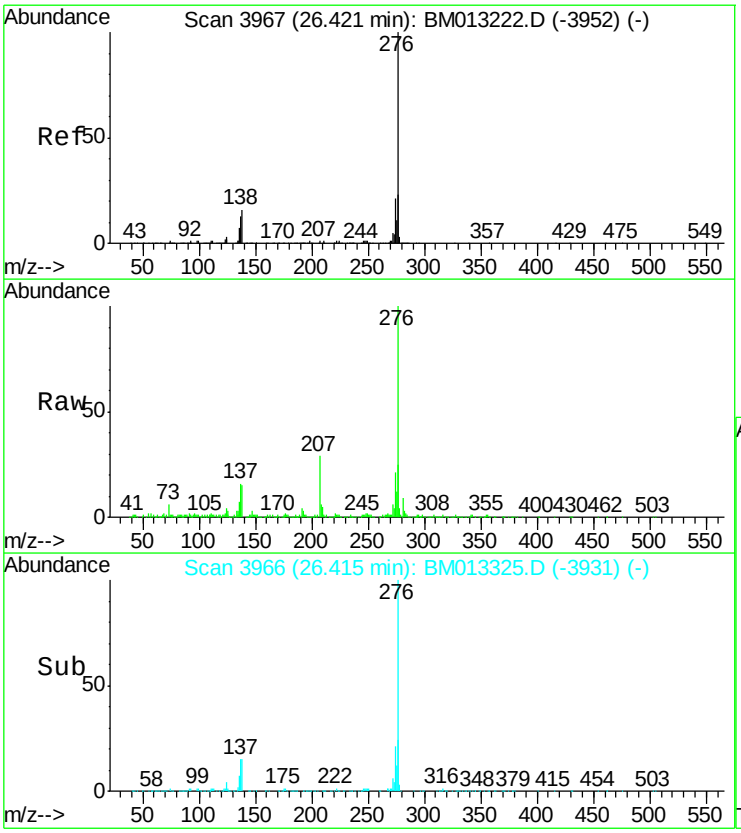
#90
Dibenzo(a,h)anthracene
Concen: 3.314 ng/ul
RT: 25.73 min Scan# 3849
Delta R.T. -0.01 min
Lab File: BM013325.D
Acq: 12 Dec 2017 03:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 230808

Ion	Ratio	Lower	Upper
278	100		
139	15.1	5.8	8.8#
279	22.6	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 11.904 ng/ul
RT: 26.41 min Scan# 3966
Delta R.T. 0.01 min
Lab File: BM013325.D
Acq: 12 Dec 2017 03:43

Tgt Ion:276 Resp: 768122

Ion	Ratio	Lower	Upper
276	100		
138	15.5	8.5	12.7#
277	24.6	18.6	28.0