Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
Data File : BM013350.D
Acq On : 12 Dec 2017 21:48
Operator : SJ/JU
Sample : I6776-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A45

Quant Time: Dec 13 01:45:55 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 01:37:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	199308	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	881488	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	540851	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1268771	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1299438	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1098086	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	15238	3.79	ng/uL	0.00
5) Phenol-d5	6.86	99	353668	20.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	220960	22.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	303119	22.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	295675	20.07	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	160927	23.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	176845	23.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	323922	21.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	216599	15.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1131110	23.50	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1393187	23.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	144898	17.33	ng/ul	0.00
57) Fluorene-d10	15.33	176	969883	23.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	140127	17.56	ng/ul	0.00
70) Anthracene-d10	17.17	188	1559510	24.54	ng/ul	0.00
76) Pyrene-d10	19.47	212	1783825	27.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1410178	25.21	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.89	94	55905	3.280	ng/ul	90
28) Naphthalene	10.52	128	115535	2.548	ng/ul	99
30) 4-Chloroaniline	10.52	127	15864	1.156	ng/ul#	33
44) Dimethylphthalate	13.79	163	225419	4.897	ng/ul	100
69) Phenanthrene	17.12	178	88961	1.234	ng/ul	97
71) Anthracene	17.12	178	88961	1.207	ng/ul	97
74) Fluoranthene	19.14	202	146120	1.654	ng/ul#	95
77) Pyrene	19.50	202	207870	2.633	ng/ul#	94
80) Benzo(a)anthracene	21.30	228	230819	2.800	ng/ul	95
82) Chrysene	21.30	228	230819	3.018	ng/ul	97
85) Benzo(b)fluoranthene	22.83	252	270604	3.656	ng/ul#	96
86) Benzo(k)fluoranthene	22.83	252	270604	3.885	ng/ul#	98
88) Benzo(a)pyrene	23.40	252	118615	1.784	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.72	276	77554	1.175	ng/ul#	90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
Data File : BM013350.D
Acq On : 12 Dec 2017 21:48
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
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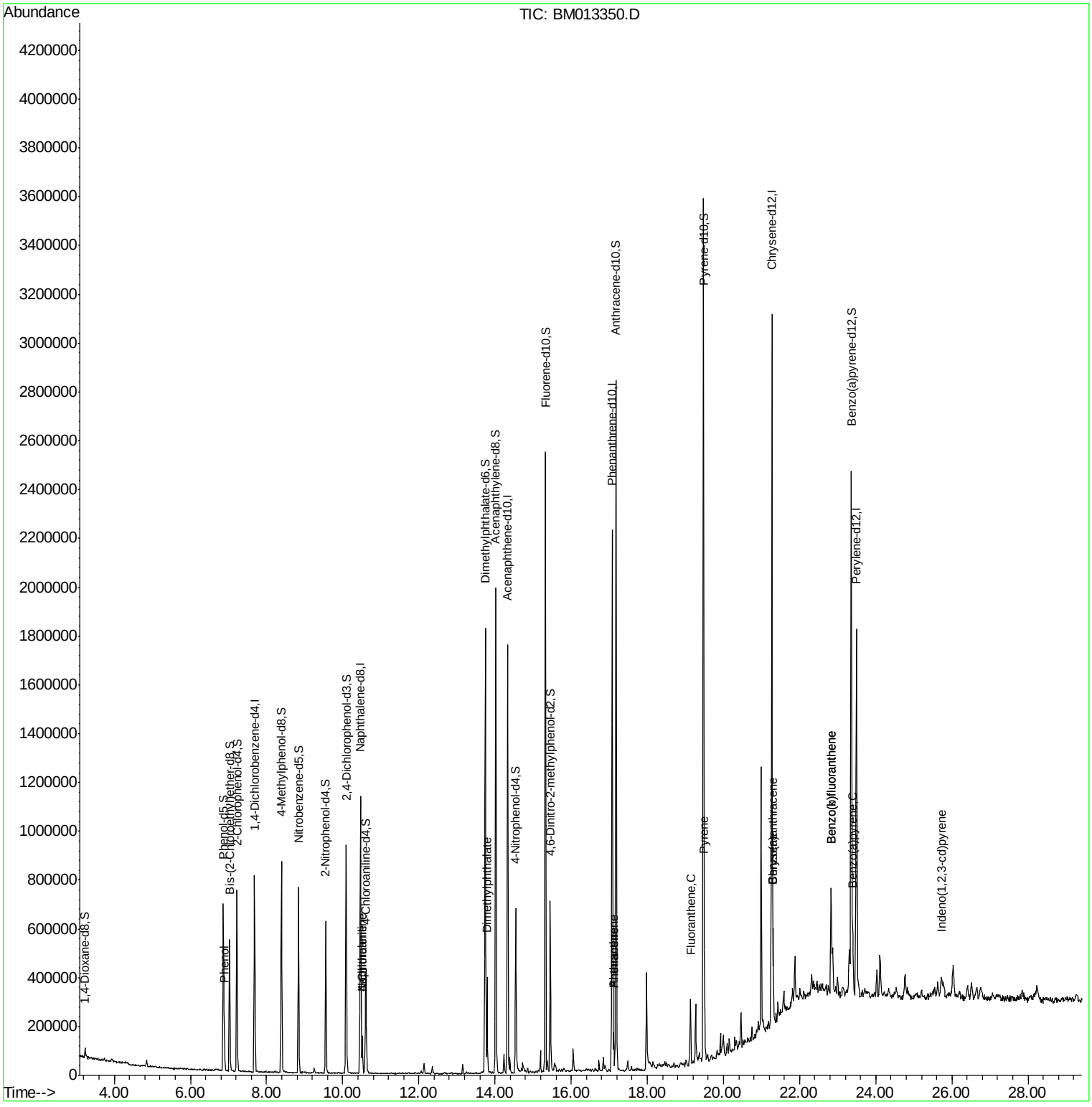
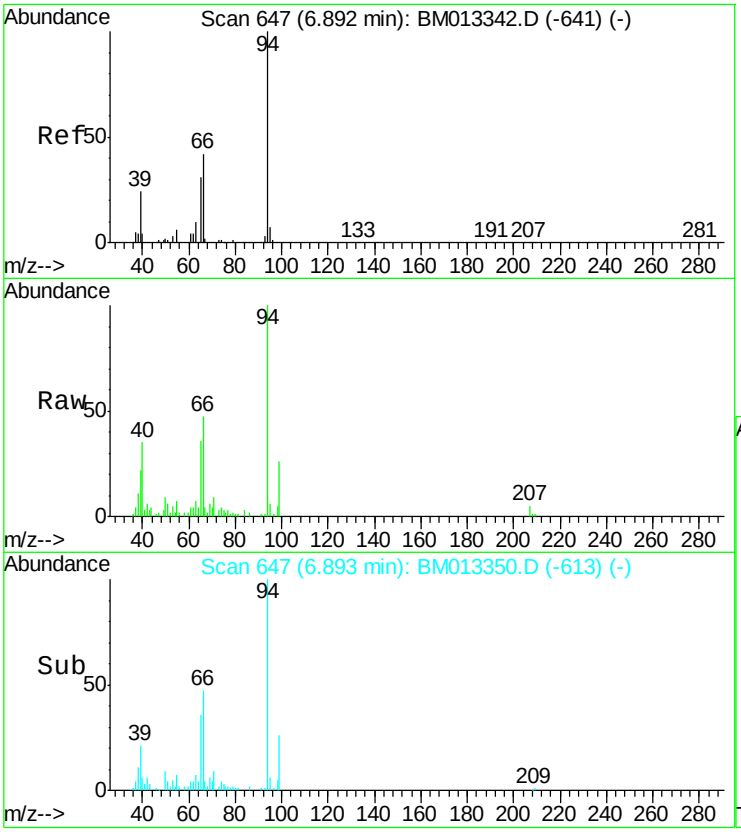
Quant Time: Dec 13 01:45:55 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 01:37:55 2017
Response via : Initial Calibration



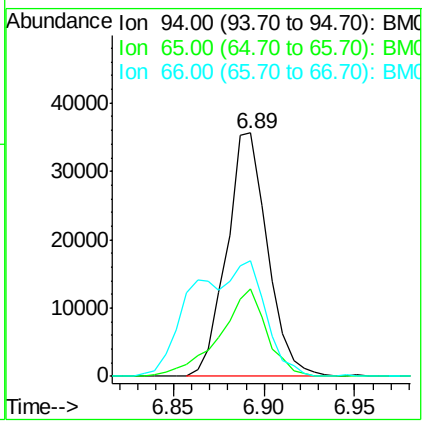


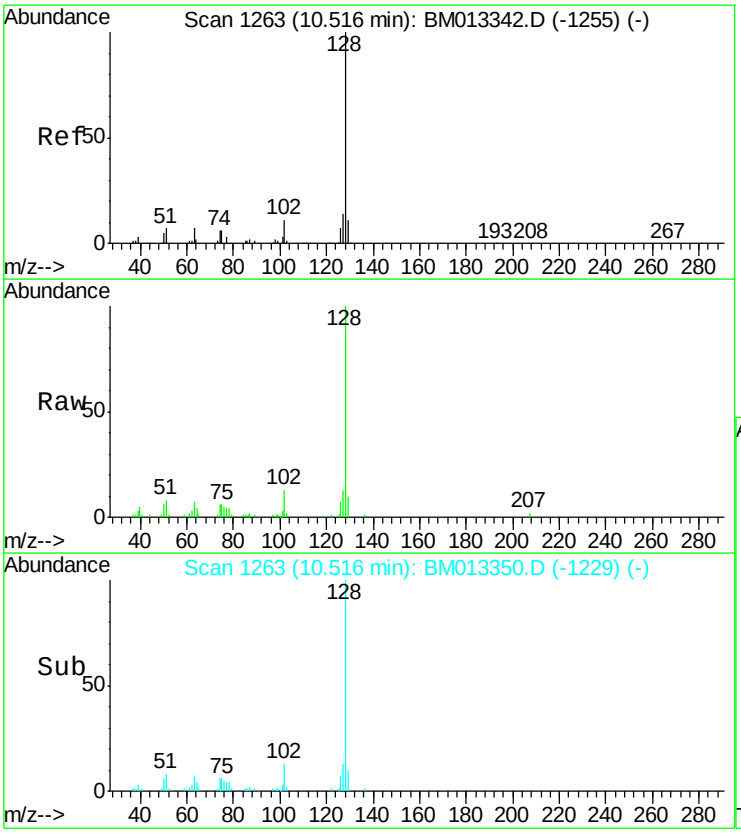
#6
Phenol
Concen: 3.280 ng/ul
RT: 6.89 min Scan# 647
Delta R.T. 0.00 min
Lab File: BM013350.D
Acq: 12 Dec 2017 21:48

Instrument :
BNA_M
ClientSampleId :
F9A45

Tgt Ion: 94 Resp: 55905

Ion	Ratio	Lower	Upper
94	100		
65	35.7	28.2	42.4
66	47.3	47.2	70.8

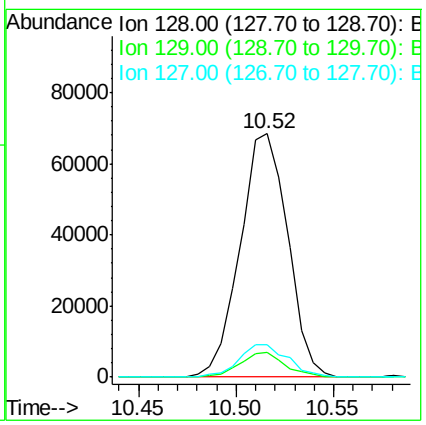


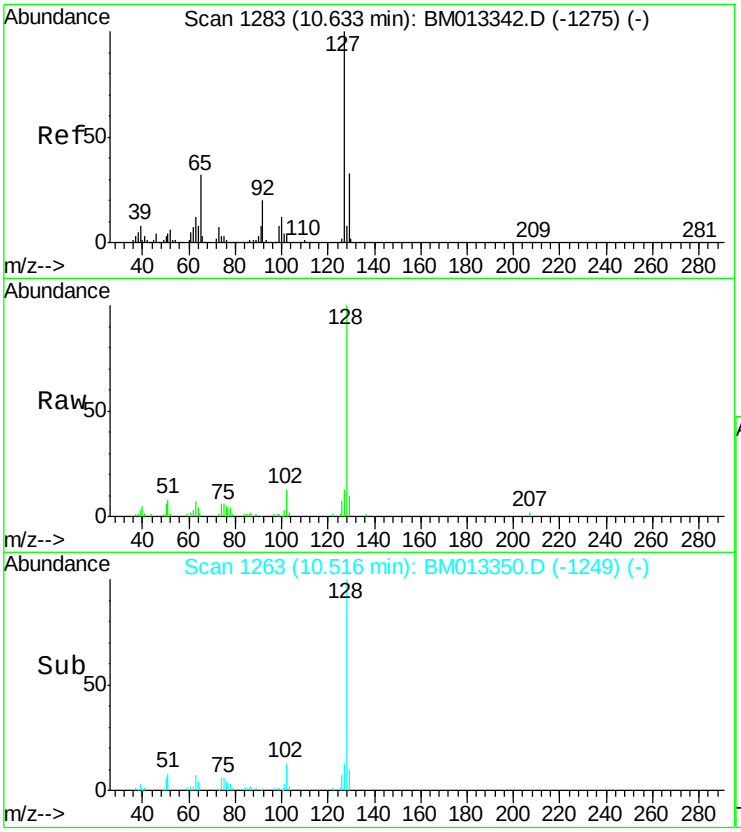


#28
Naphthalene
Concen: 2.548 ng/ul
RT: 10.52 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BM013350.D
Acq: 12 Dec 2017 21:48

Tgt Ion:128 Resp: 115535

Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.8	13.2
127	13.4	10.6	16.0



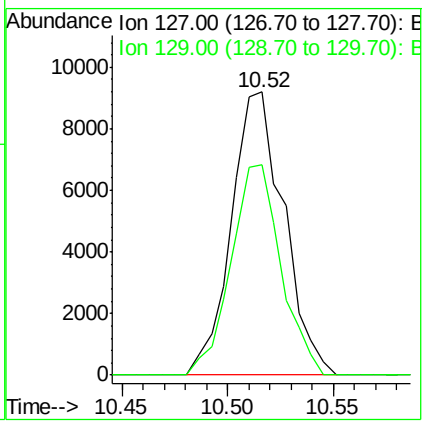


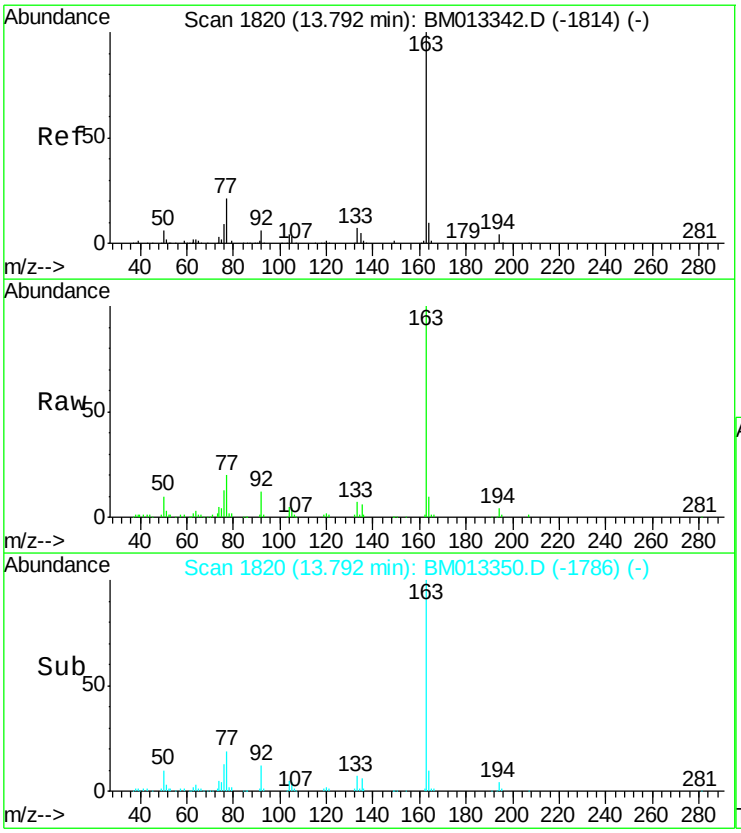
#30
4-Chloroaniline
Concen: 1.156 ng/ul
RT: 10.52 min Scan# 1263
Delta R.T. -0.12 min
Lab File: BM013350.D
Acq: 12 Dec 2017 21:48

Instrument :
BNA_M
ClientSampleId :
F9A45

Tgt Ion:127 Resp: 15864

Ion	Ratio	Lower	Upper
127	100		
129	74.6	28.4	42.6#

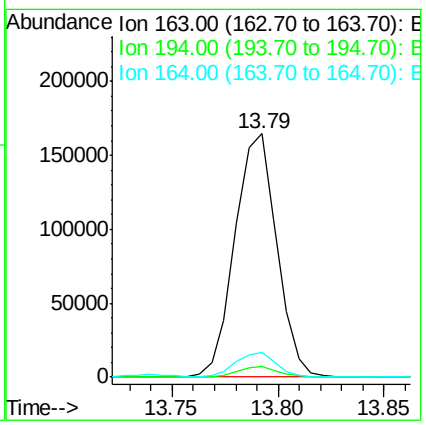


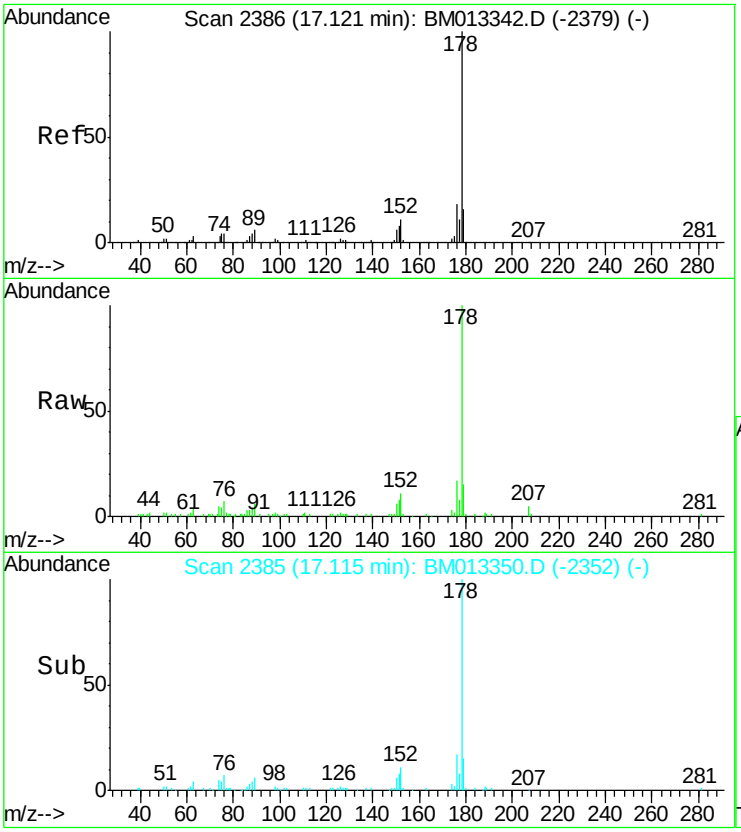


#44
Dimethylphthalate
Concen: 4.897 ng/ul
RT: 13.79 min Scan# 1820
Delta R.T. 0.00 min
Lab File: BM013350.D
Acq: 12 Dec 2017 21:48

Tgt Ion:163 Resp: 225419

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.1	8.2	12.4



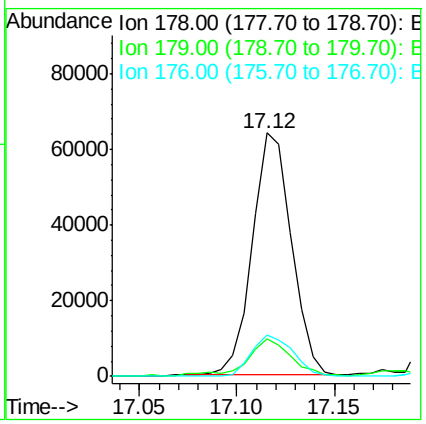


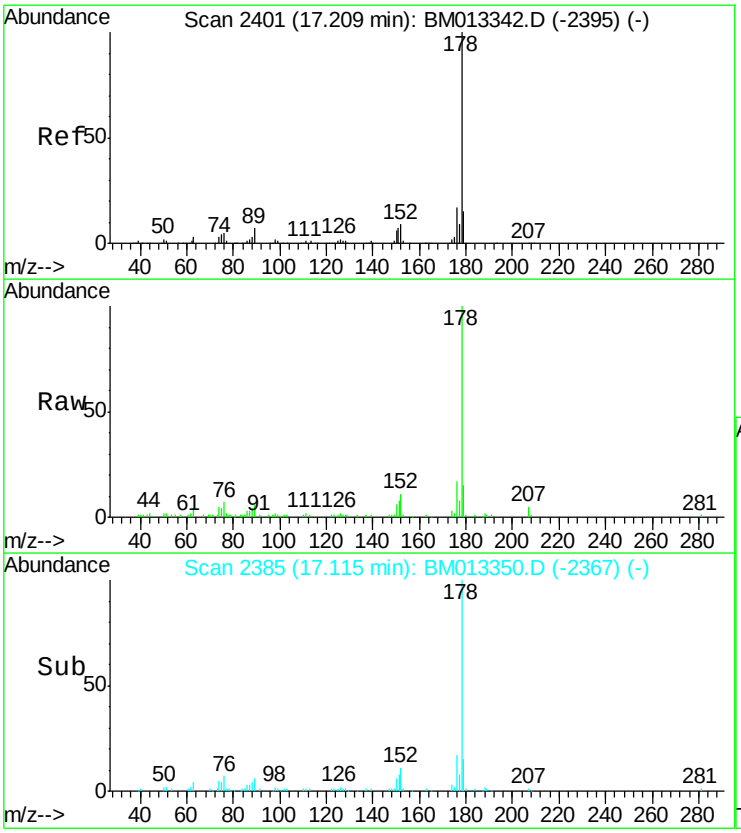
#69
Phenanthrene
Concen: 1.234 ng/ul
RT: 17.12 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM013350.D
Acq: 12 Dec 2017 21:48

Instrument :
BNA_M
ClientSampleId :
F9A45

Tgt Ion:178 Resp: 88961

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	16.8	14.9	22.3

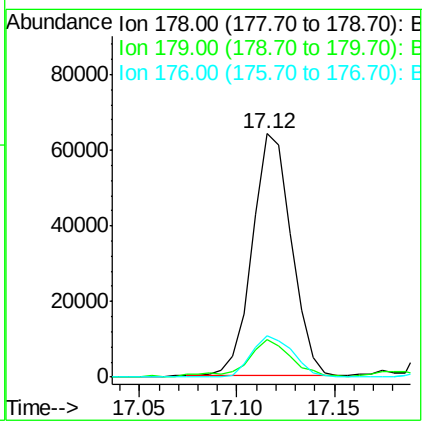


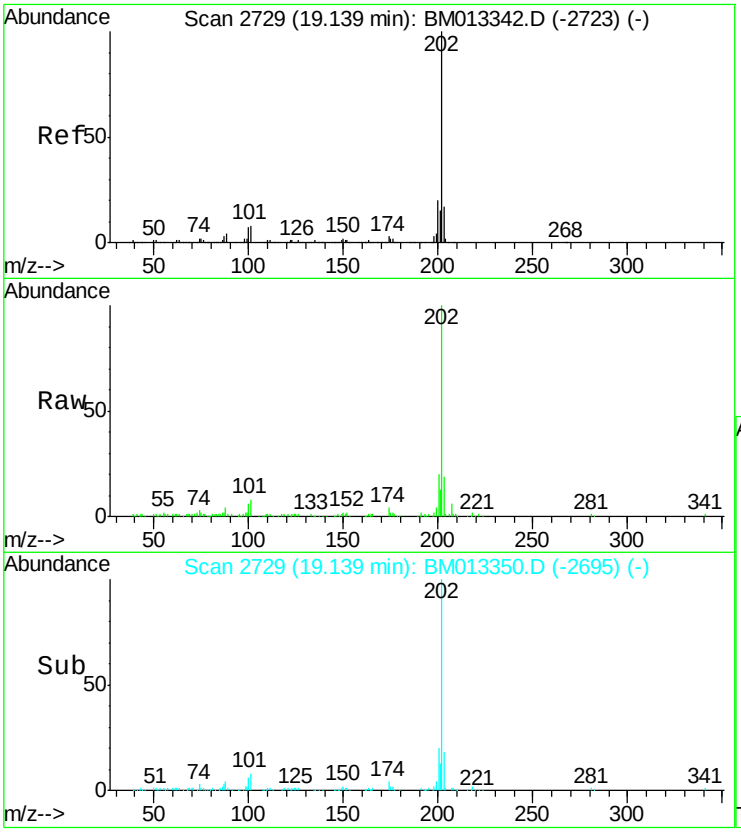


#71
Anthracene
Concen: 1.207 ng/ul
RT: 17.12 min Scan# 2385
Delta R.T. -0.09 min
Lab File: BM013350.D
Acq: 12 Dec 2017 21:48

Tgt Ion:178 Resp: 88961

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.7	17.5
176	16.8	14.6	21.8



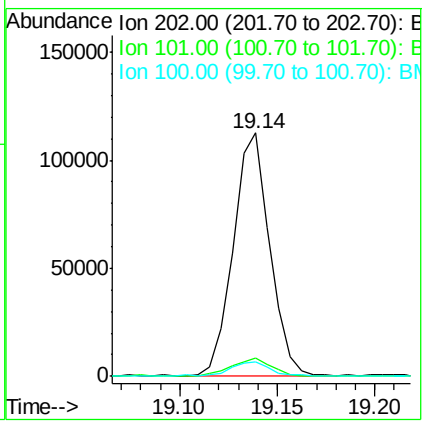


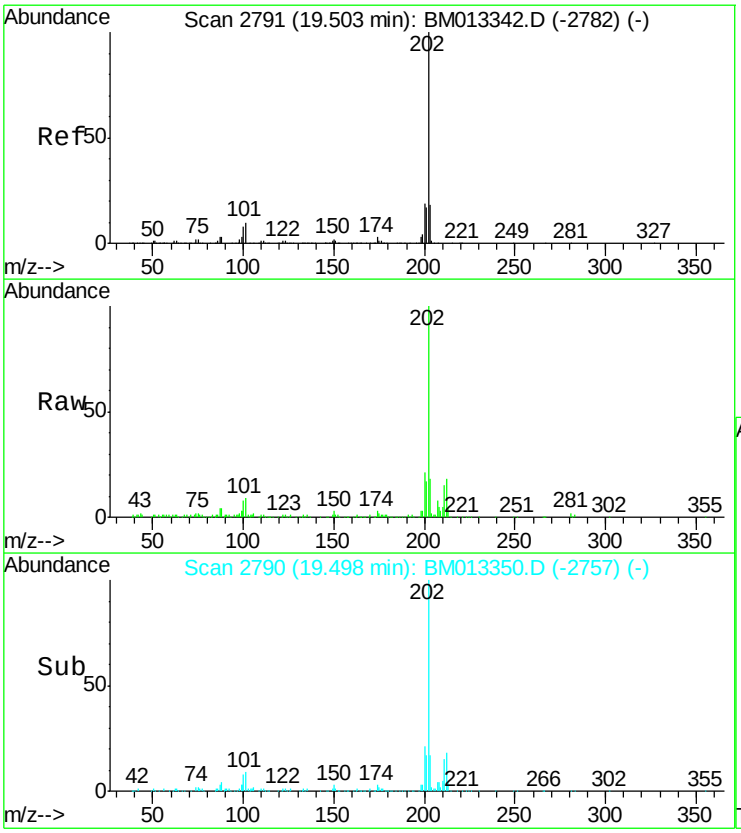
#74
Fluoranthene
Concen: 1.654 ng/ul
RT: 19.14 min Scan# 2729
Delta R.T. 0.00 min
Lab File: BM013350.D
Acq: 12 Dec 2017 21:48

Instrument :
BNA_M
ClientSampleId :
F9A45

Tgt Ion:202 Resp: 146120

Ion	Ratio	Lower	Upper
202	100		
101	7.6	4.6	7.0#
100	5.7	3.4	5.2#

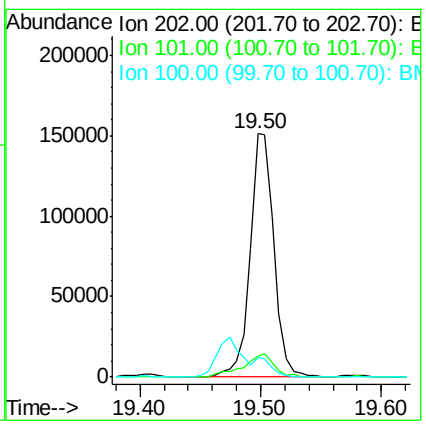


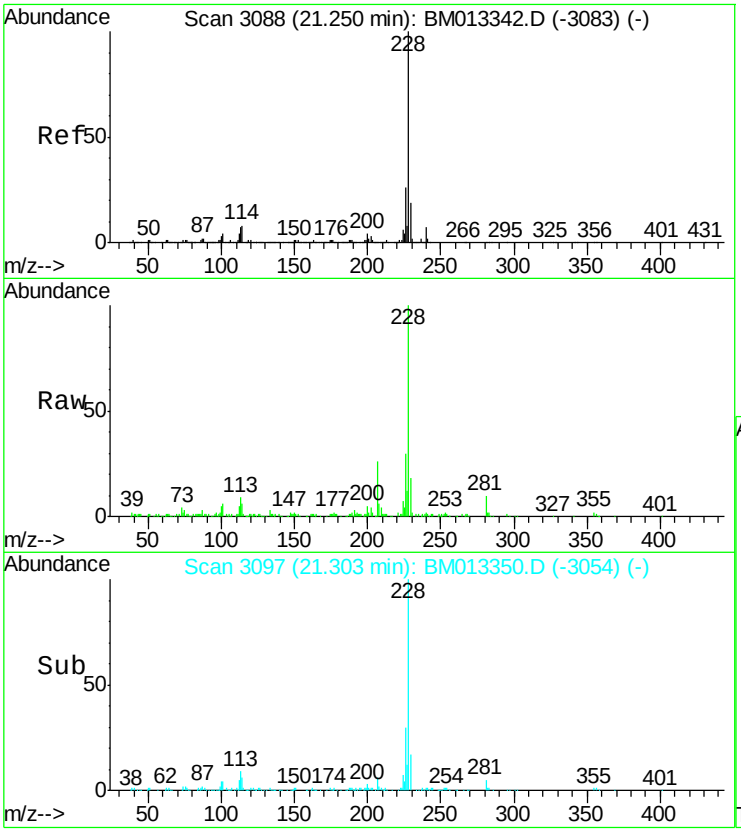


#77
Pyrene
Concen: 2.633 ng/ul
RT: 19.50 min Scan# 2790
Delta R.T. -0.01 min
Lab File: BM013350.D
Acq: 12 Dec 2017 21:48

Tgt Ion:202 Resp: 207870

Ion	Ratio	Lower	Upper
202	100		
101	8.7	5.1	7.7#
100	8.1	4.9	7.3#



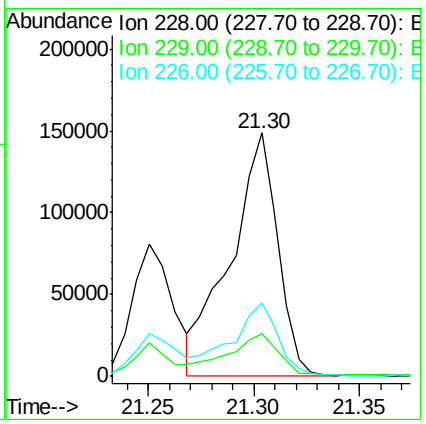


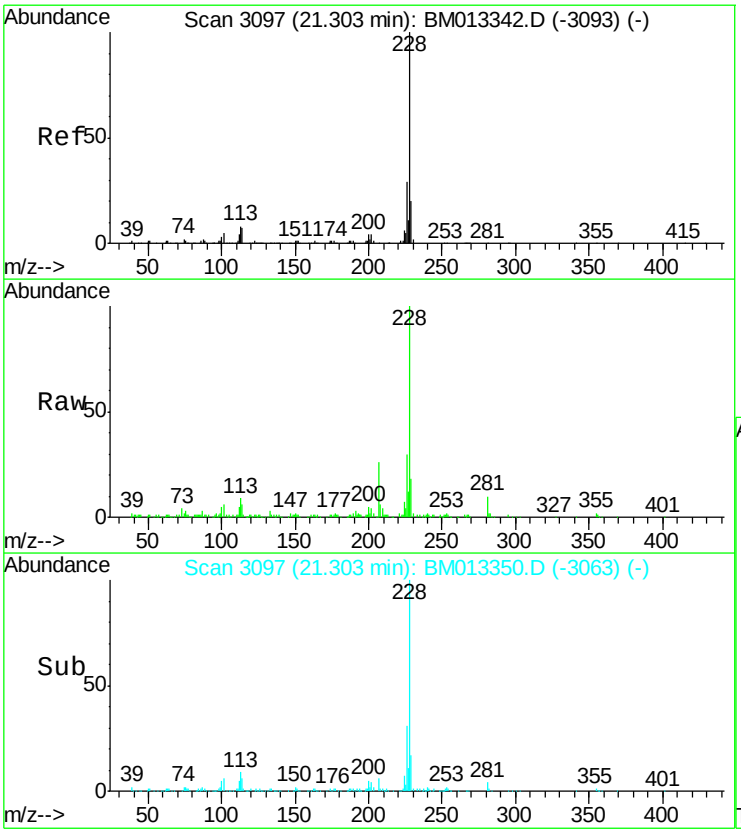
#80
Benzo(a)anthracene
Concen: 2.800 ng/ul
RT: 21.30 min Scan# 3097
Delta R.T. 0.05 min
Lab File: BM013350.D
Acq: 12 Dec 2017 21:48

Instrument :
BNA_M
ClientSampleId :
F9A45

Tgt Ion:228 Resp: 230819

Ion	Ratio	Lower	Upper
228	100		
229	17.6	15.4	23.0
226	30.3	21.4	32.0

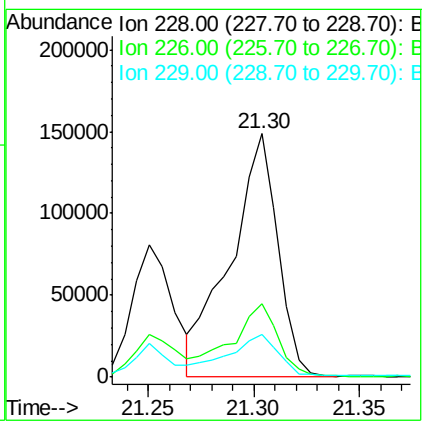


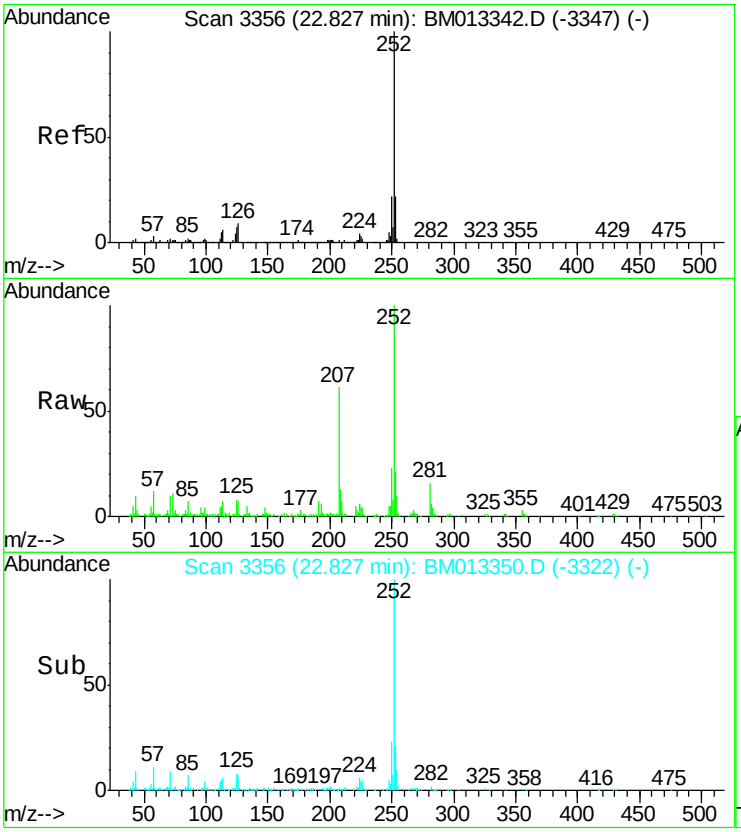


#82
Chrysene
Concen: 3.018 ng/ul
RT: 21.30 min Scan# 3097
Delta R.T. 0.00 min
Lab File: BM013350.D
Acq: 12 Dec 2017 21:48

Tgt Ion:228 Resp: 230819

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	17.6	15.5	23.3



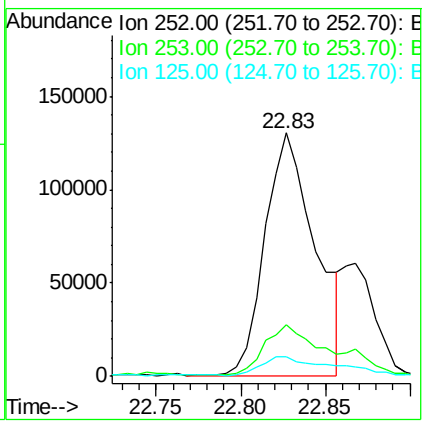


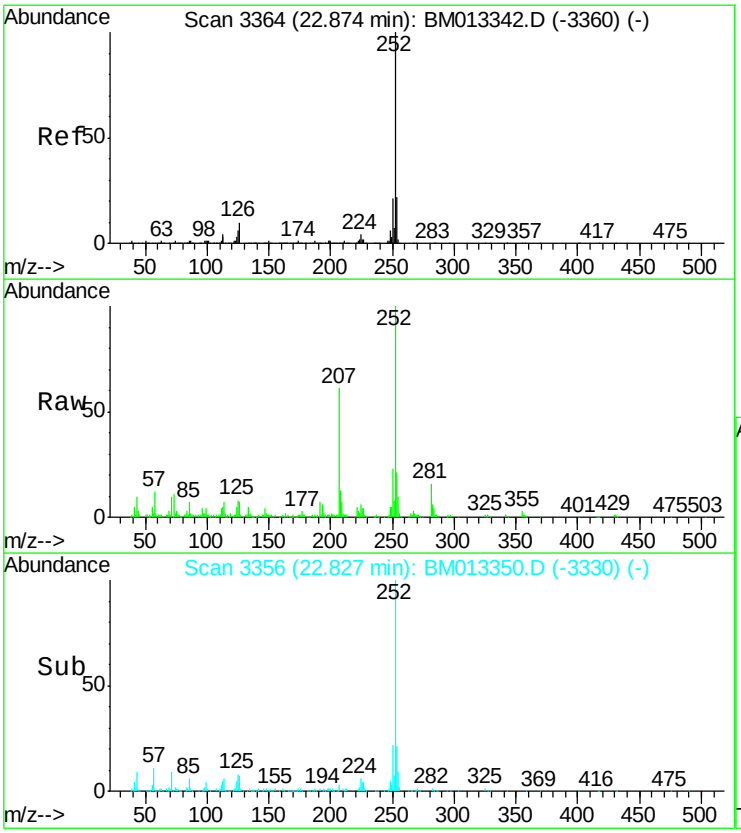
#85
Benzo(b)fluoranthene
Concen: 3.656 ng/ul
RT: 22.83 min Scan# 3356
Delta R.T. 0.00 min
Lab File: BM013350.D
Acq: 12 Dec 2017 21:48

Instrument :
BNA_M
ClientSampleId :
F9A45

Tgt Ion:252 Resp: 270604

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	8.0	3.6	5.4#

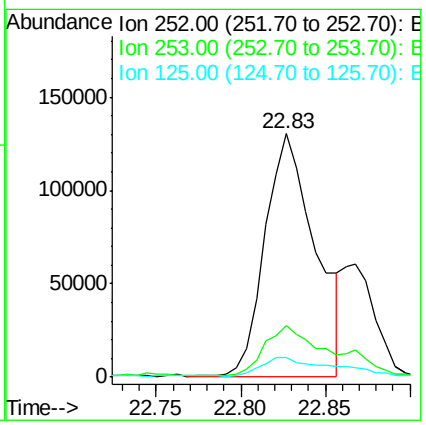


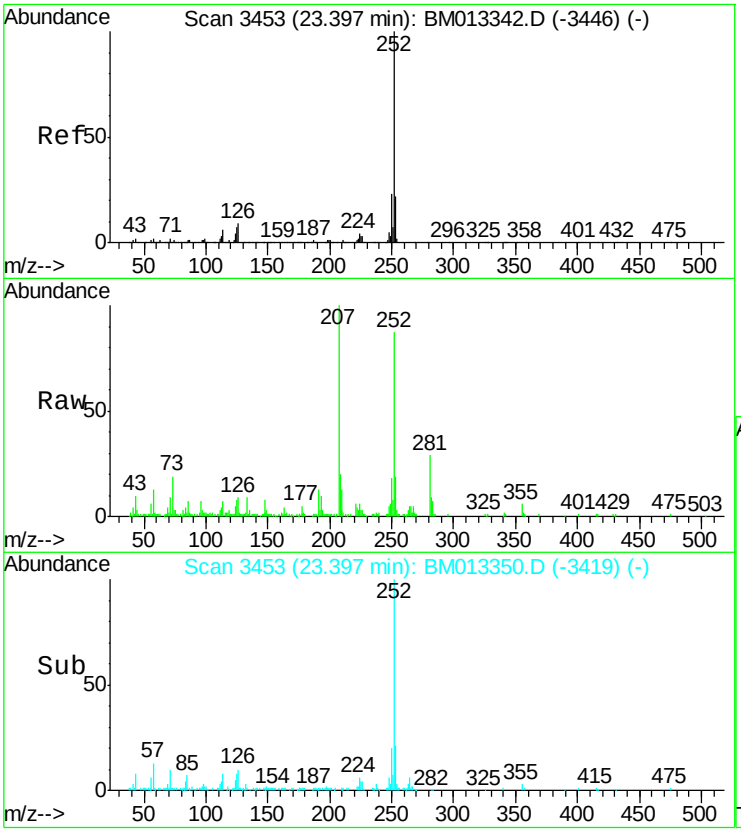


#86
Benzo(k)fluoranthene
Concen: 3.885 ng/ul
RT: 22.83 min Scan# 3356
Delta R.T. -0.05 min
Lab File: BM013350.D
Acq: 12 Dec 2017 21:48

Tgt Ion:252 Resp: 270604

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	8.0	3.4	5.2#



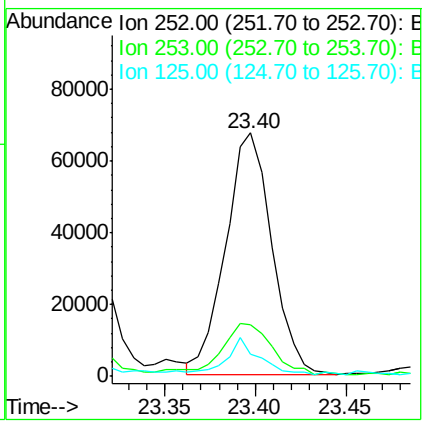


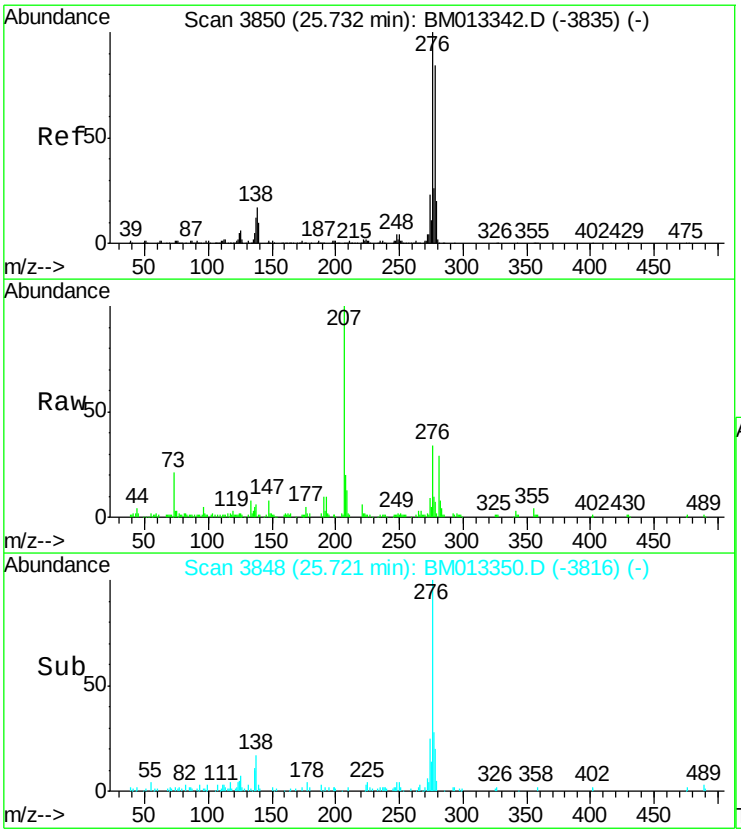
#88
Benzo(a)pyrene
Concen: 1.784 ng/ul
RT: 23.40 min Scan# 3453
Delta R.T. 0.00 min
Lab File: BM013350.D
Acq: 12 Dec 2017 21:48

Instrument :
BNA_M
ClientSampleId :
F9A45

Tgt Ion:252 Resp: 118615

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	8.9	4.0	6.0#





#89
Indeno(1,2,3-cd)pyrene
Concen: 1.175 ng/ul
RT: 25.72 min Scan# 3848
Delta R.T. -0.01 min
Lab File: BM013350.D
Acq: 12 Dec 2017 21:48

Tgt Ion:276 Resp: 77554

Ion	Ratio	Lower	Upper
276	100		
138	16.3	9.3	13.9#
277	29.3	19.9	29.9