Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013397.D
Acq On : 14 Dec 2017 05:05
Operator : SJ/JU
Sample : I6759-12ME 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 14 06:05:02 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 14 06:00:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	172681	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	735128	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	462304	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1167680	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1393857	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1252466	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	3405	0.98	ng/uL	0.01
5) Phenol-d5	6.86	99	52724	3.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	37103	4.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	46741	4.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	45090	3.53	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	25147	4.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	23566	3.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	45345	3.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	54808	4.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	180978	4.40	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	212930	4.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	15182	2.12	ng/ul	0.01
57) Fluorene-d10	15.32	176	166417	4.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	14525	1.98	ng/ul	0.00
70) Anthracene-d10	17.17	188	262238	4.48	ng/ul	0.00
76) Pyrene-d10	19.47	212	303642	4.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	254293	3.99	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.51	128	185338	4.900	ng/ul	98
30) 4-Chloroaniline	10.51	127	23776	2.078	ng/ul#	8
34) 2-Methylnaphthalene	12.13	142	180918	6.363	ng/ul	93
49) Acenaphthene	14.39	153	2112043	65.994	ng/ul	99
53) Dibenzofuran	14.73	168	1635411	34.615	ng/ul	100
58) Fluorene	15.38	166	1825366	46.702	ng/ul	100
60) 4-Nitroaniline	15.37	138	21249	2.511	ng/ul#	12
69) Phenanthrene	17.13	178	11664439	175.833	ng/ul	99
71) Anthracene	17.21	178	732875	10.808	ng/ul	97
72) Carbazole	17.48	167	407226	6.982	ng/ul	98
74) Fluoranthene	19.14	202	7786076	95.775	ng/ul#	93
77) Pyrene	19.50	202	5106407	60.302	ng/ul#	92
80) Benzo(a)anthracene	21.25	228	1161160	13.130	ng/ul	99
82) Chrysene	21.30	228	899287	10.961	ng/ul	96
85) Benzo(b)fluoranthene	22.82	252	512628	6.072	ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	174270	2.193	ng/ul#	98
88) Benzo(a)pyrene	23.39	252	254510	3.356	ng/ul#	98

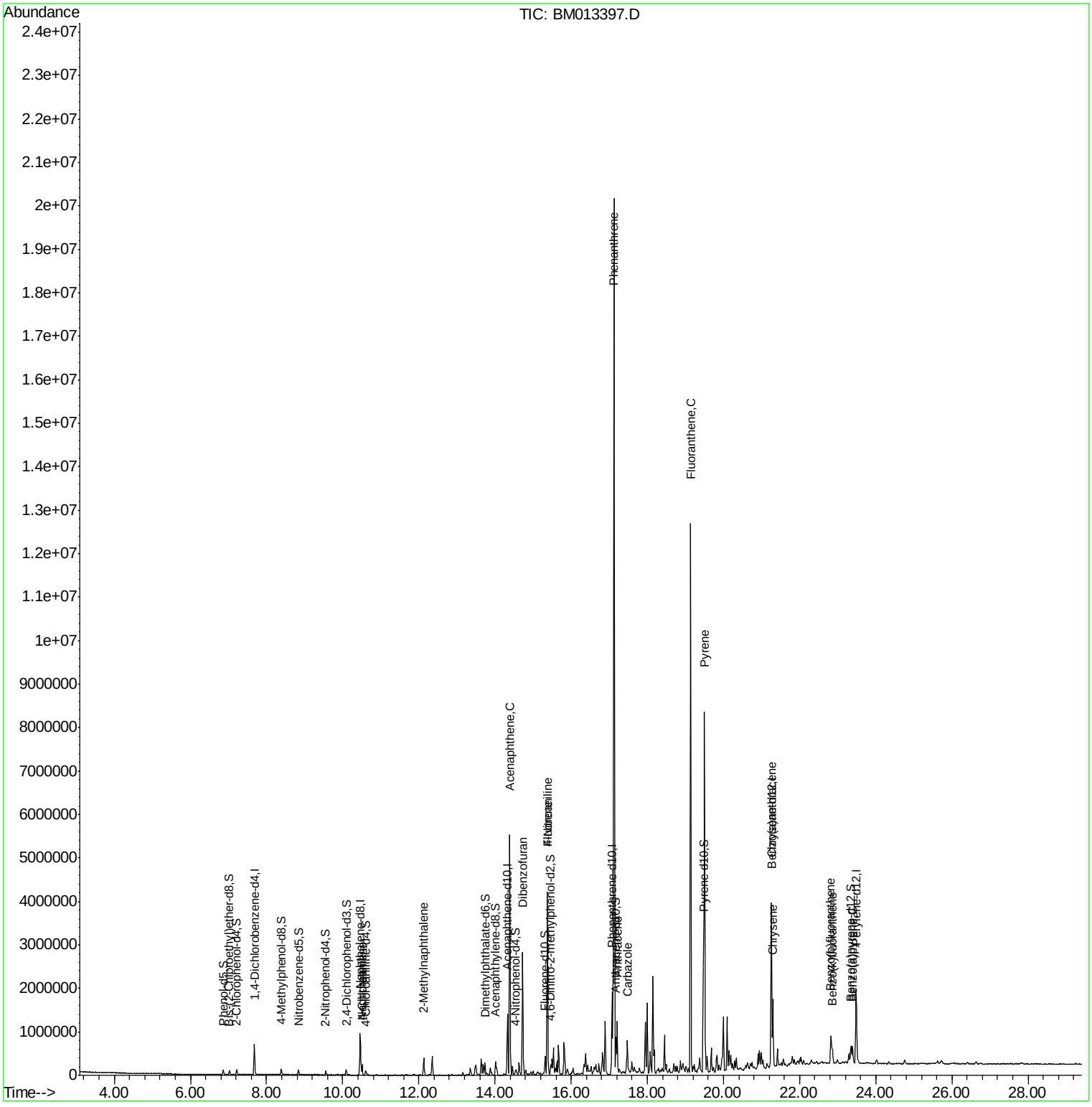
(#) = qualifier out of range (m) = manual integration (+) = signals summed

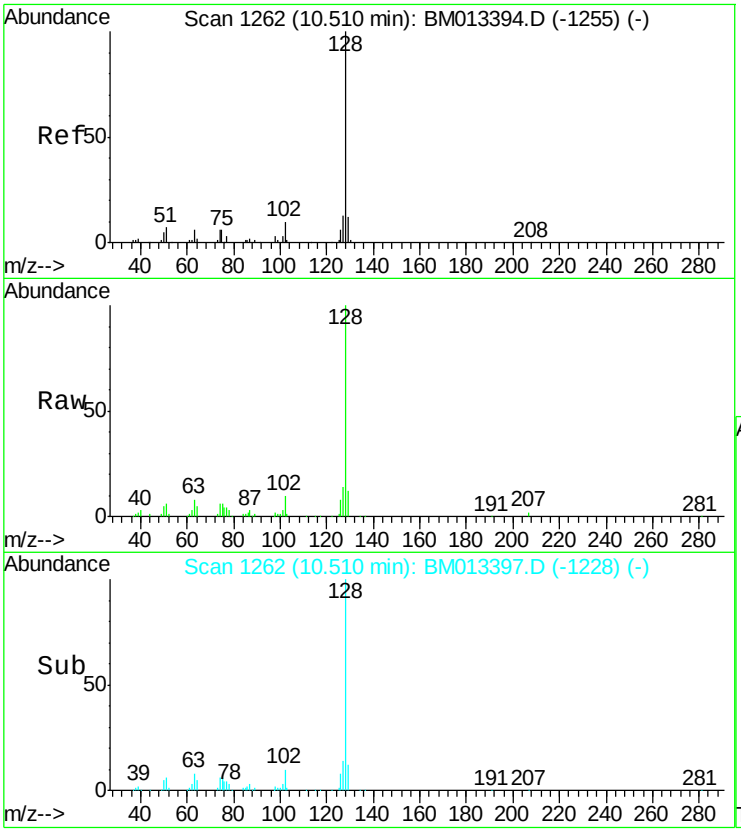
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013397.D
Acq On : 14 Dec 2017 05:05
Operator : SJ/JU
Sample : I6759-12ME 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 14 06:05:02 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 14 06:00:20 2017
Response via : Initial Calibration



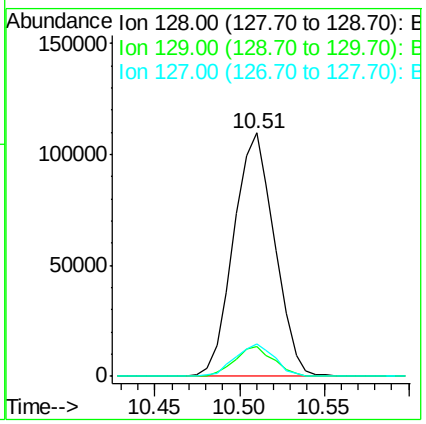


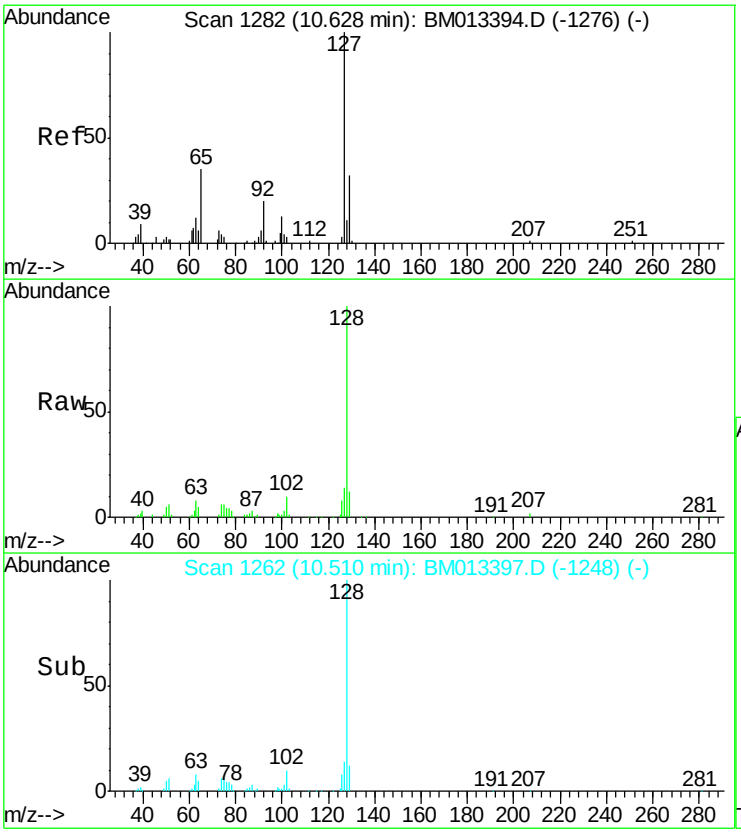
#28
Naphthalene
Concen: 4.900 ng/ul
RT: 10.51 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BM013397.D
Acq: 14 Dec 2017 05:05

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 185338

Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.8	13.2
127	13.6	10.6	16.0

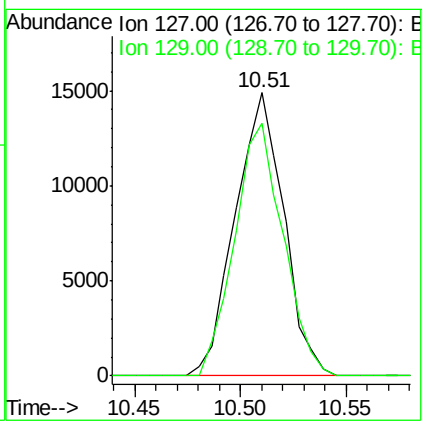


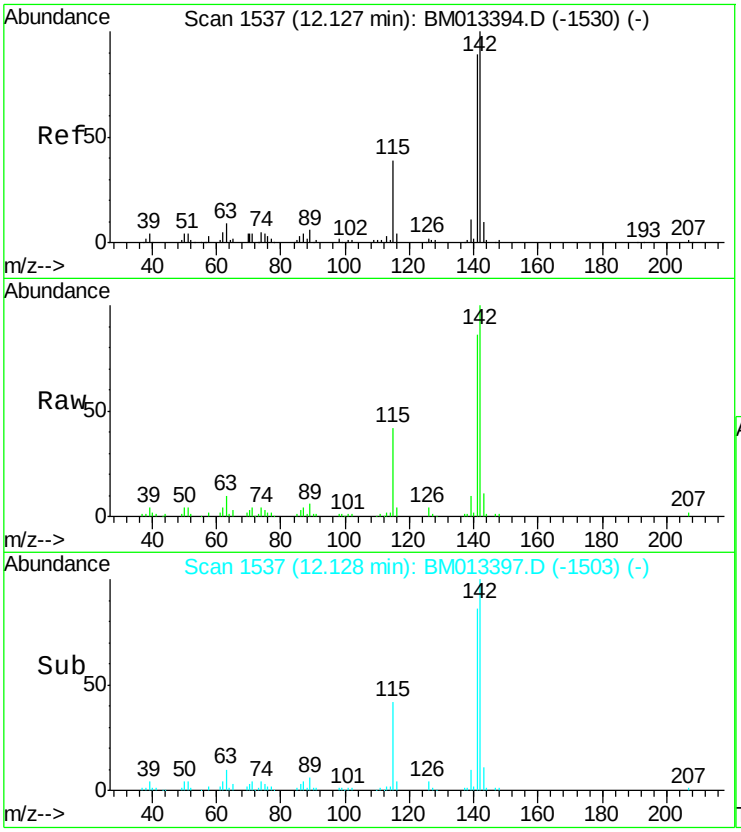


#30
4-Chloroaniline
Concen: 2.078 ng/ul
RT: 10.51 min Scan# 1262
Delta R.T. -0.12 min
Lab File: BM013397.D
Acq: 14 Dec 2017 05:05

Tgt Ion:127 Resp: 23776

Ion	Ratio	Lower	Upper
127	100		
129	89.4	28.4	42.6#



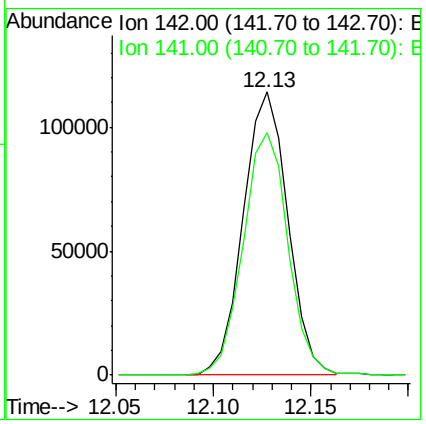


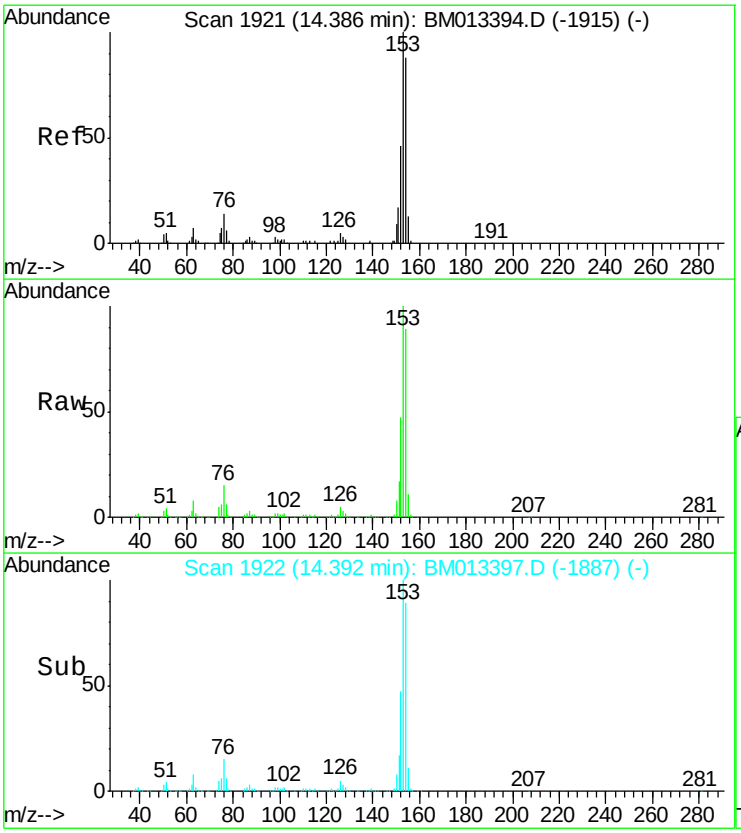
#34
2-Methylnaphthalene
Concen: 6.363 ng/ul
RT: 12.13 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BM013397.D
Acq: 14 Dec 2017 05:05

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 180918

Ion	Ratio	Lower	Upper
142	100		
141	85.7	74.1	111.1

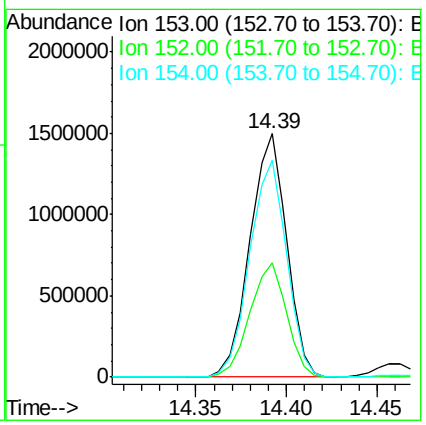


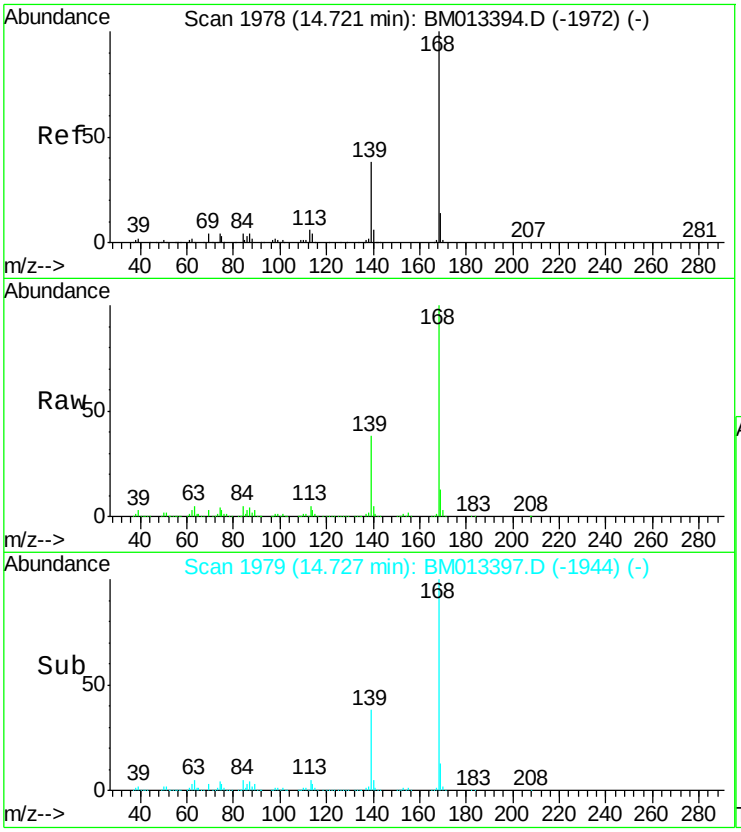


#49
Acenaphthene
Concen: 65.994 ng/ul
RT: 14.39 min Scan# 1922
Delta R.T. 0.01 min
Lab File: BM013397.D
Acq: 14 Dec 2017 05:05

Tgt Ion:153 Resp: 2112043

Ion	Ratio	Lower	Upper
153	100		
152	47.2	37.6	56.4
154	89.1	70.4	105.6



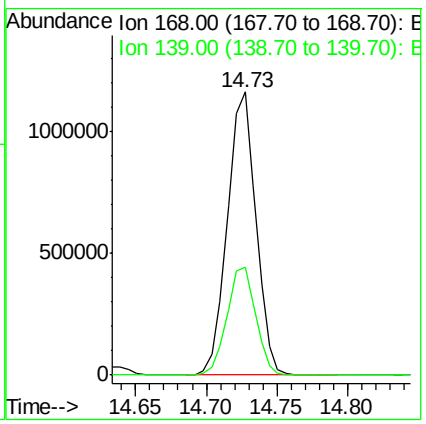


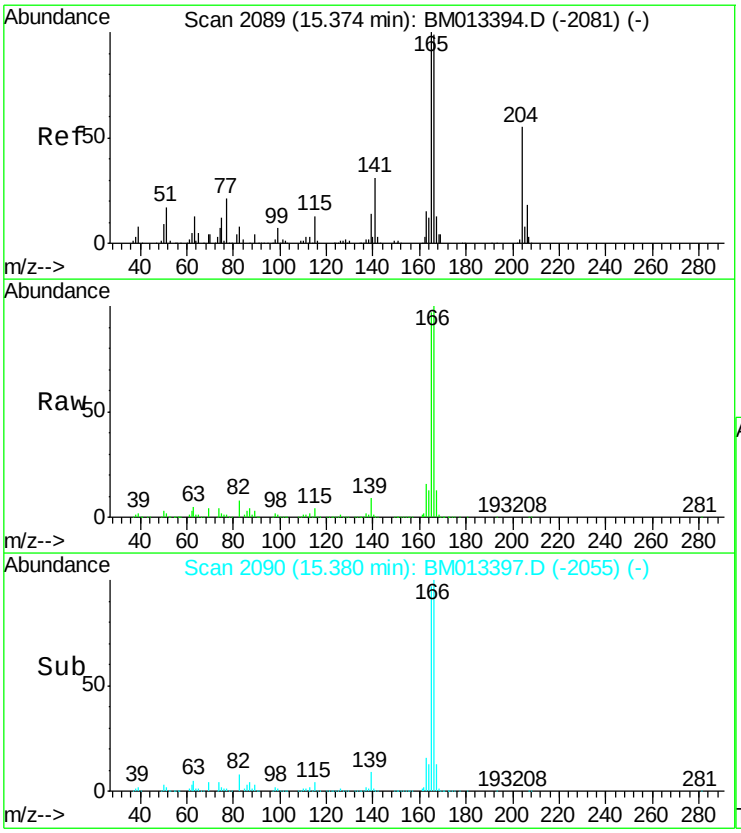
#53
Dibenzofuran
Concen: 34.615 ng/ul
RT: 14.73 min Scan# 1979
Delta R.T. 0.01 min
Lab File: BM013397.D
Acq: 14 Dec 2017 05:05

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 1635411

Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.8	46.2

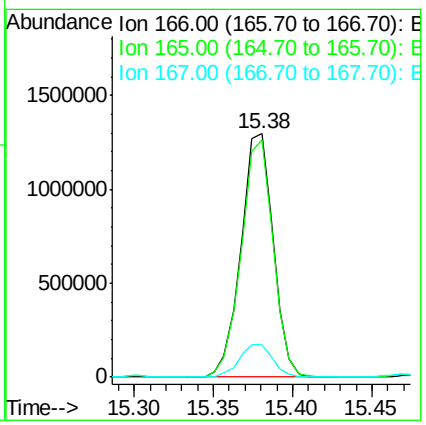


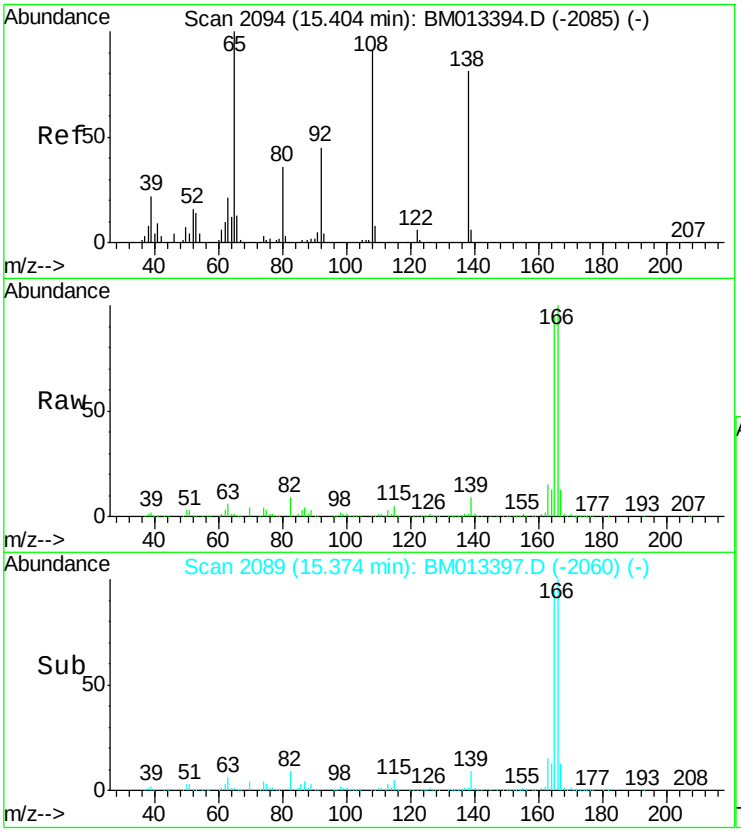


#58
Fluorene
Concen: 46.702 ng/ul
RT: 15.38 min Scan# 2090
Delta R.T. 0.01 min
Lab File: BM013397.D
Acq: 14 Dec 2017 05:05

Tgt Ion:166 Resp: 1825366

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.9	116.9
167	13.3	10.6	16.0



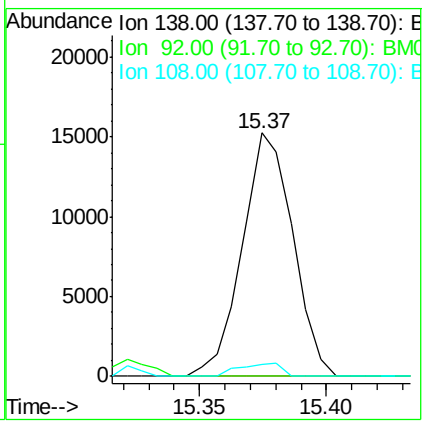


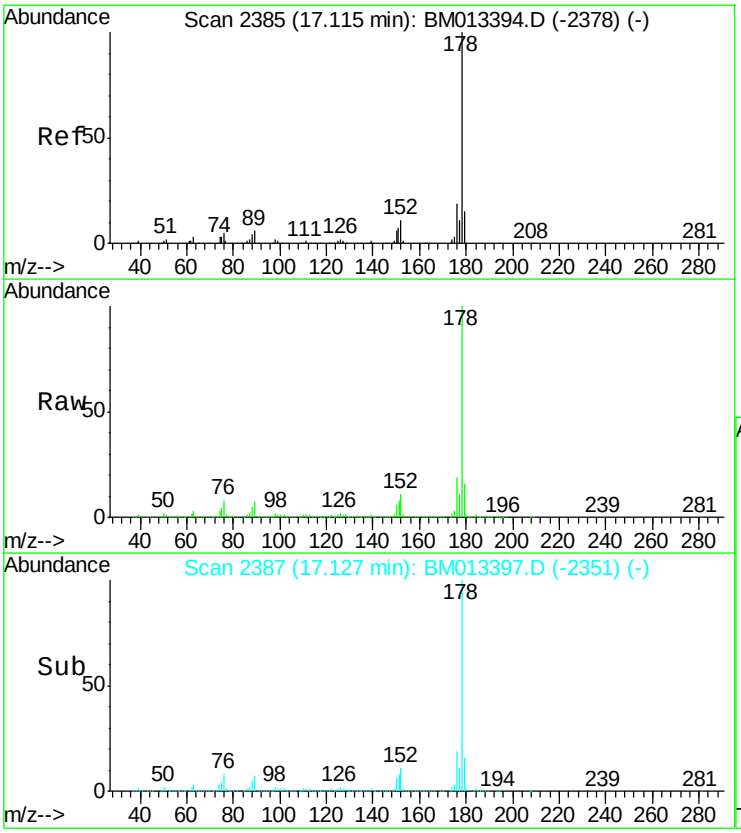
#60
4-Nitroaniline
Concen: 2.511 ng/ul
RT: 15.37 min Scan# 2089
Delta R.T. -0.03 min
Lab File: BM013397.D
Acq: 14 Dec 2017 05:05

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 21249

Ion	Ratio	Lower	Upper
138	100		
92	0.0	40.0	60.0#
108	4.9	80.0	120.0#

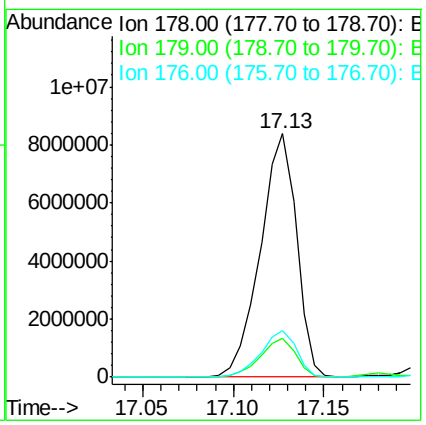


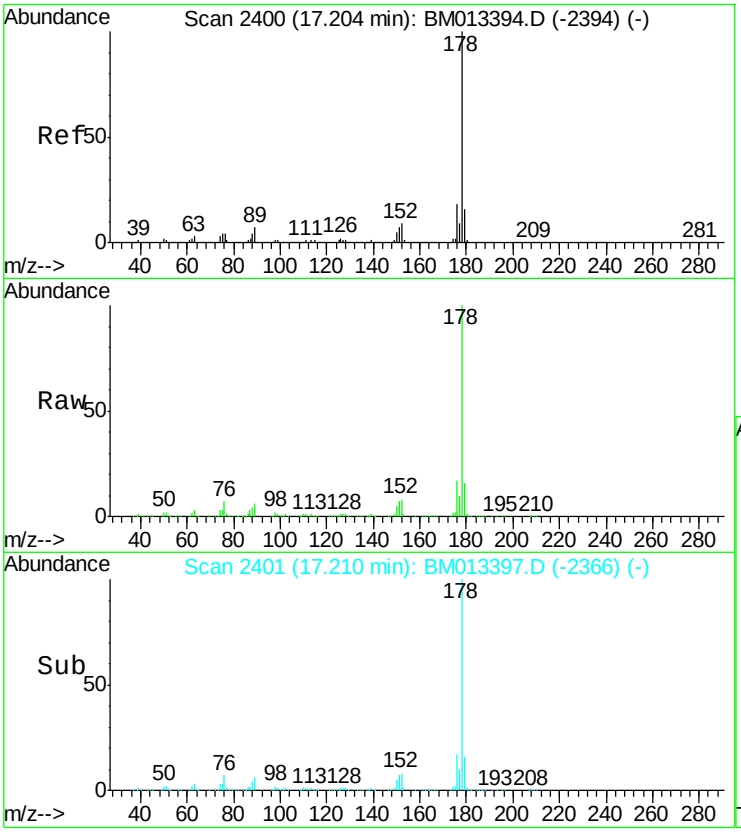


#69
Phenanthrene
Concen: 175.833 ng/ul
RT: 17.13 min Scan# 2387
Delta R.T. 0.01 min
Lab File: BM013397.D
Acq: 14 Dec 2017 05:05

Tgt Ion:178 Resp:11664439

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	19.3	14.9	22.3



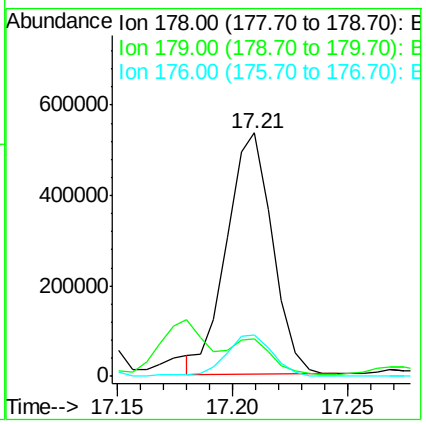


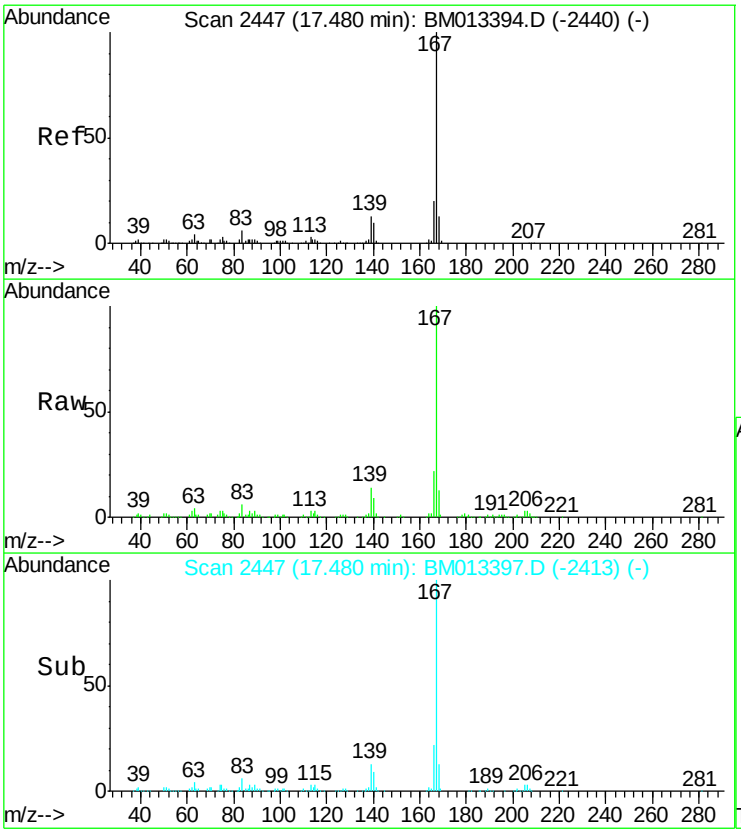
#71
Anthracene
Concen: 10.808 ng/ul
RT: 17.21 min Scan# 2401
Delta R.T. 0.01 min
Lab File: BM013397.D
Acq: 14 Dec 2017 05:05

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 732875

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.7	17.5
176	17.0	14.6	21.8

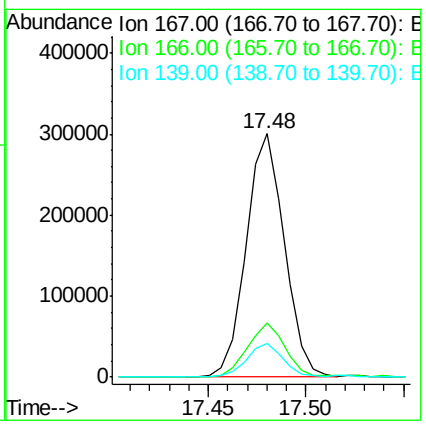


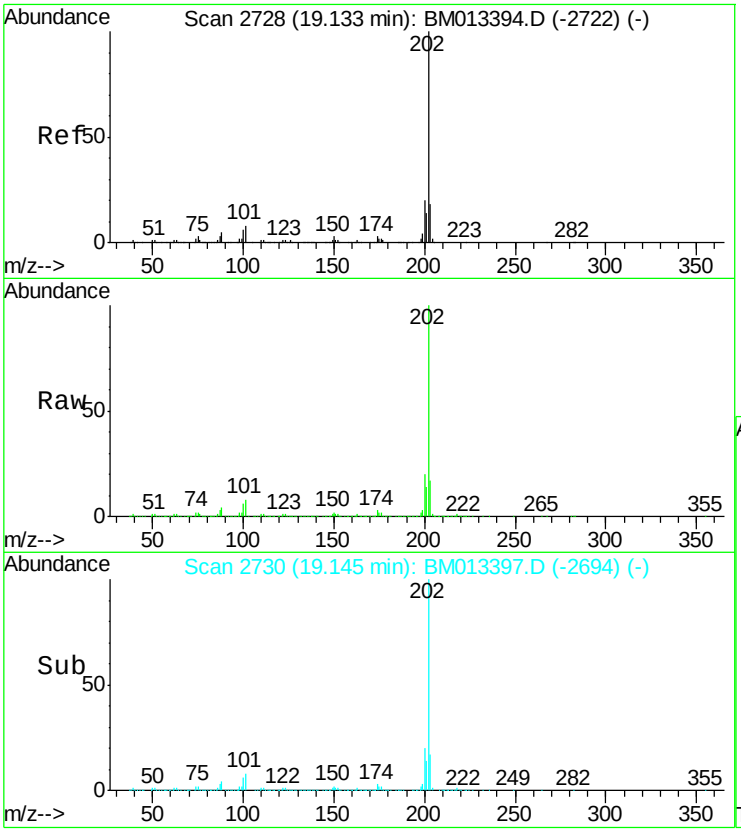


#72
Carbazole
Concen: 6.982 ng/ul
RT: 17.48 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BM013397.D
Acq: 14 Dec 2017 05:05

Tgt Ion:167 Resp: 407226

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.1	25.7
139	13.7	10.0	15.0



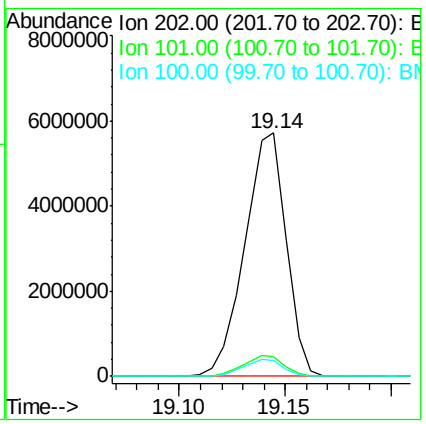


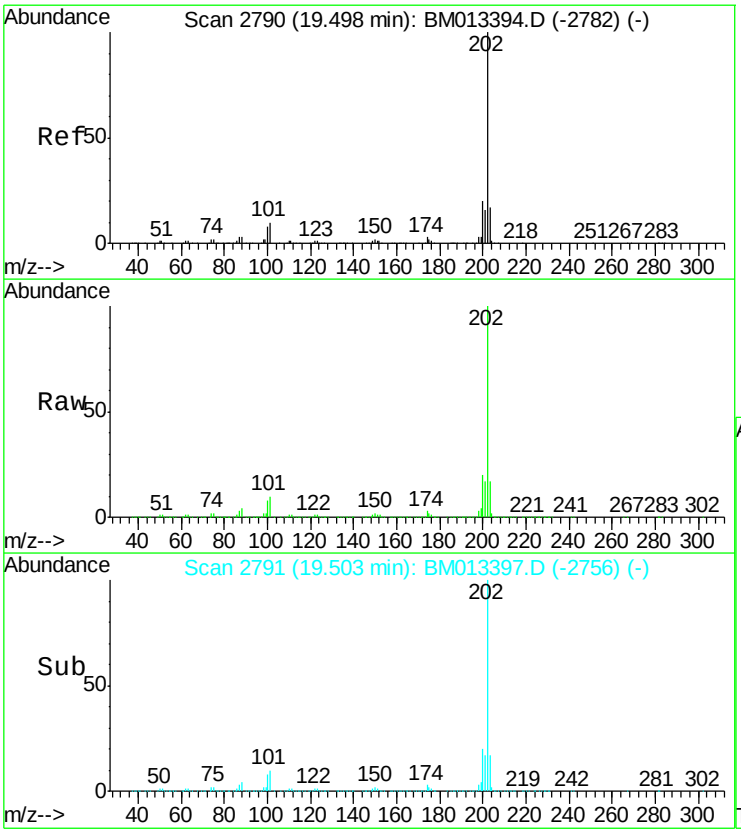
#74
Fluoranthene
Concen: 95.775 ng/ul
RT: 19.14 min Scan# 2730
Delta R.T. 0.01 min
Lab File: BM013397.D
Acq: 14 Dec 2017 05:05

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 7786076

Ion	Ratio	Lower	Upper
202	100		
101	8.2	4.6	7.0#
100	6.5	3.4	5.2#

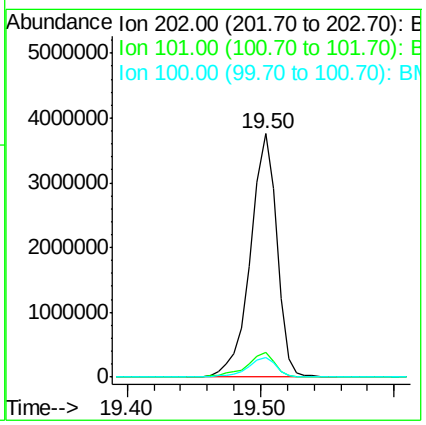


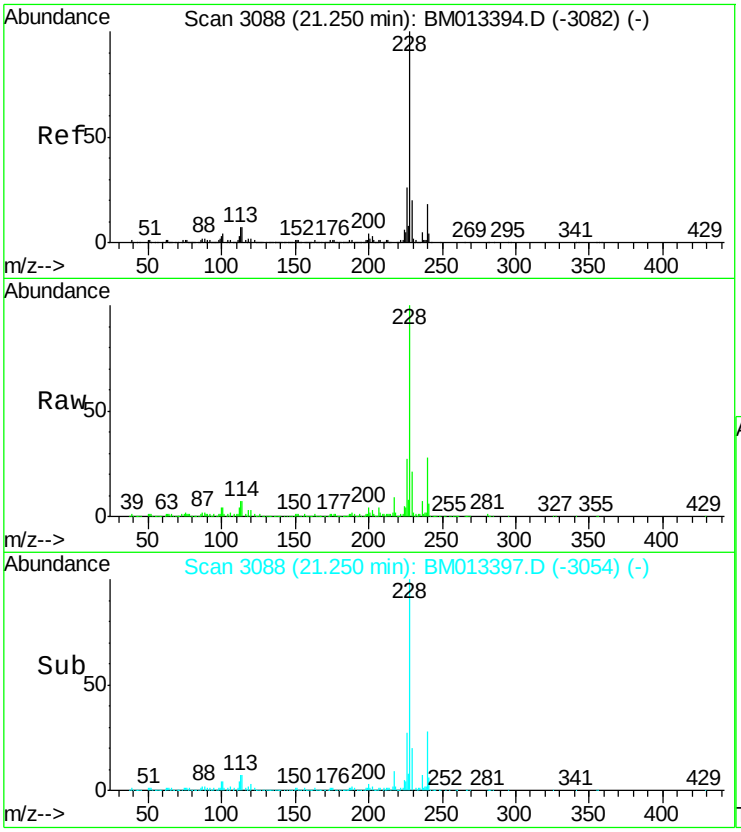


#77
Pyrene
Concen: 60.302 ng/ul
RT: 19.50 min Scan# 2791
Delta R.T. 0.01 min
Lab File: BM013397.D
Acq: 14 Dec 2017 05:05

Tgt Ion:202 Resp: 5106407

Ion	Ratio	Lower	Upper
202	100		
101	9.9	5.1	7.7#
100	8.2	4.9	7.3#



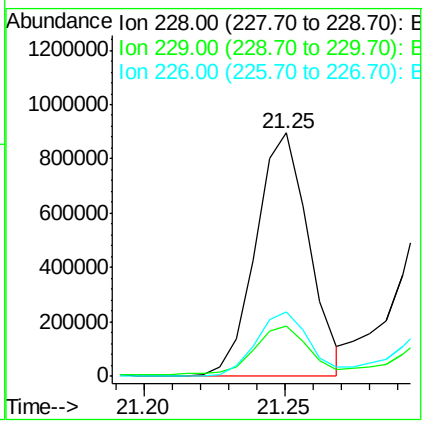


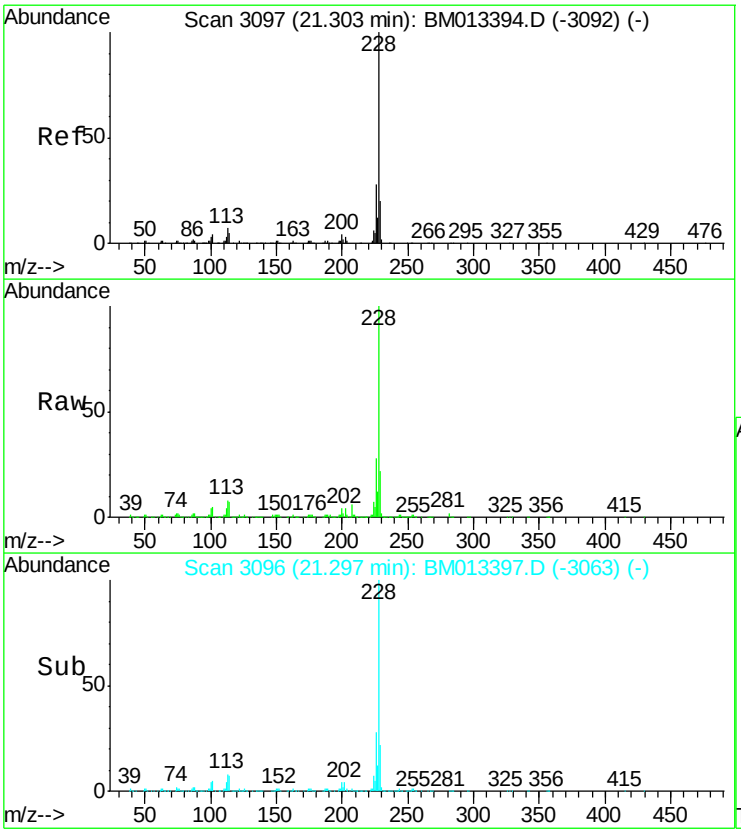
#80
Benzo(a)anthracene
Concen: 13.130 ng/ul
RT: 21.25 min Scan# 3088
Delta R.T. 0.00 min
Lab File: BM013397.D
Acq: 14 Dec 2017 05:05

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1161160

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.4	23.0
226	26.7	21.4	32.0

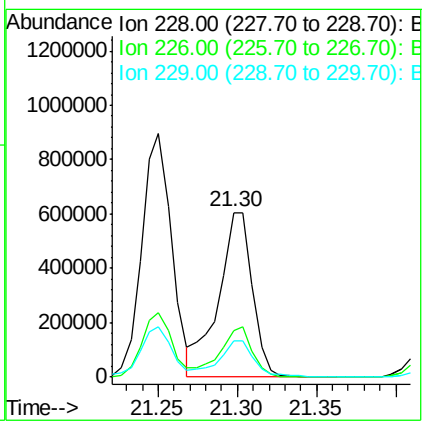


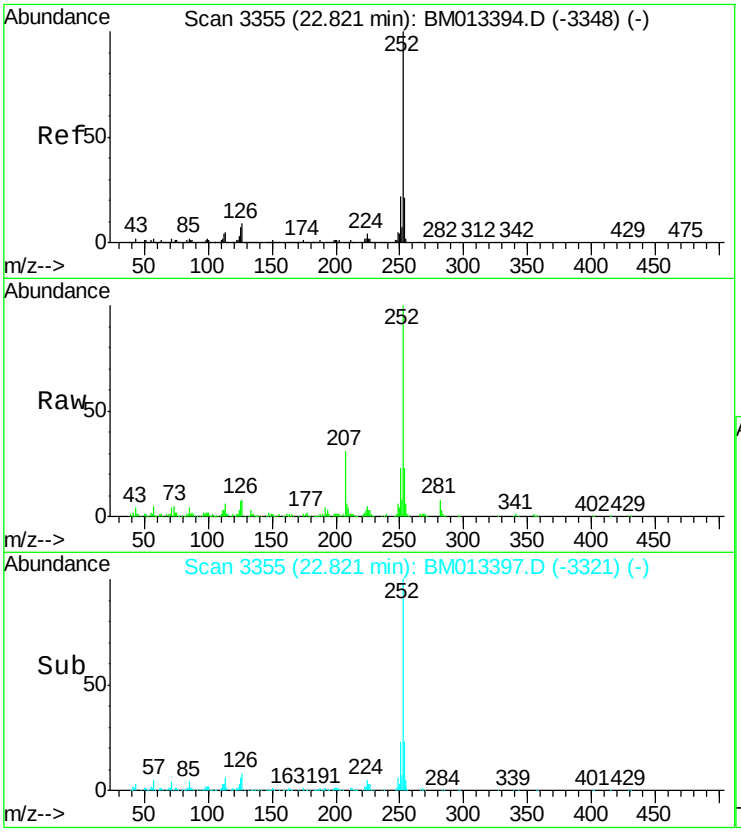


#82
Chrysene
Concen: 10.961 ng/ul
RT: 21.30 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM013397.D
Acq: 14 Dec 2017 05:05

Tgt Ion:228 Resp: 899287

Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.4	35.2
229	21.8	15.5	23.3



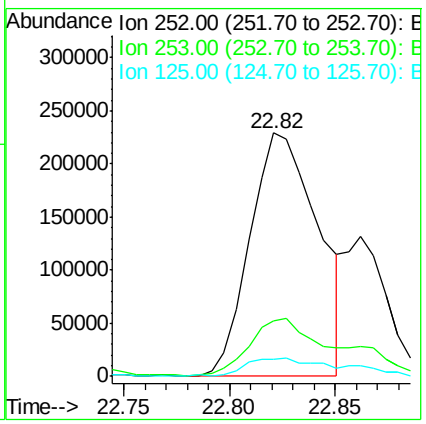


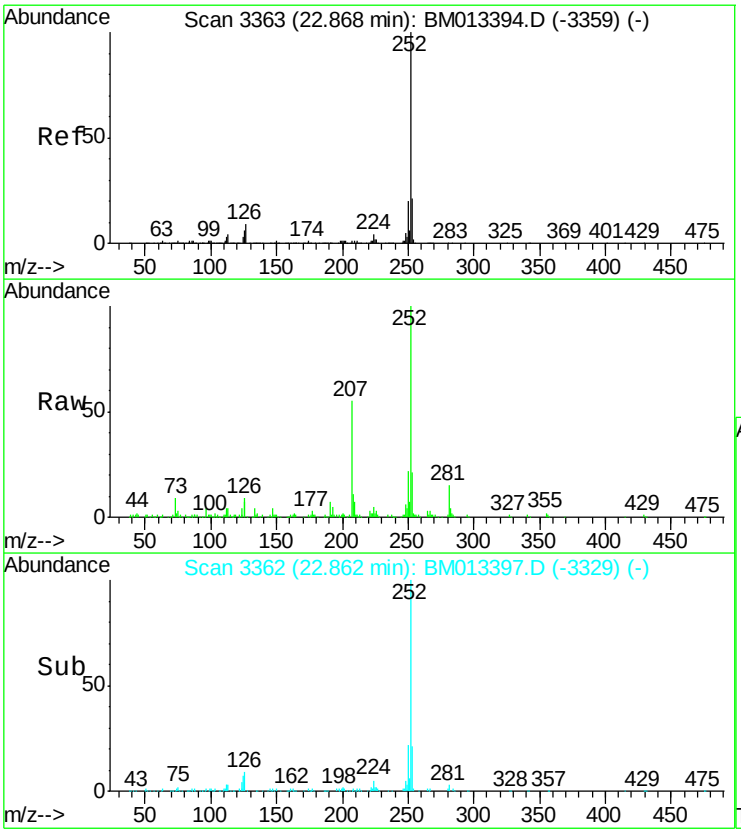
#85
Benzo(b)fluoranthene
Concen: 6.072 ng/ul
RT: 22.82 min Scan# 3355
Delta R.T. 0.00 min
Lab File: BM013397.D
Acq: 14 Dec 2017 05:05

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 512628

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	6.8	3.6	5.4#

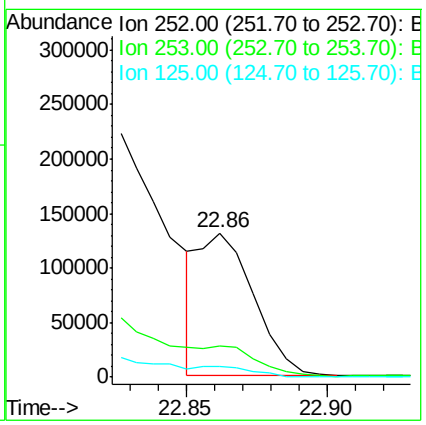


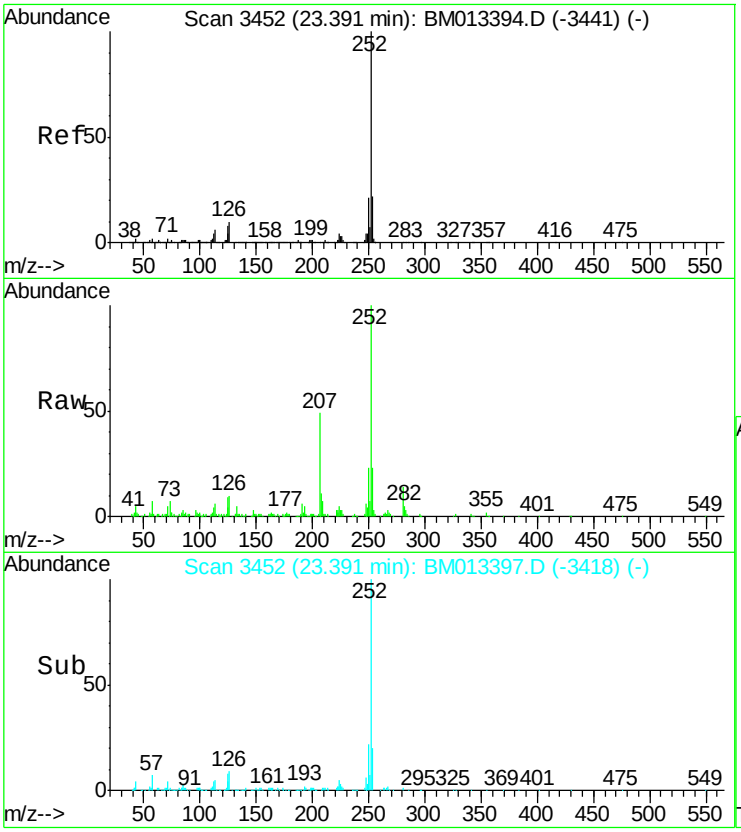


#86
Benzo(k)fluoranthene
Concen: 2.193 ng/ul
RT: 22.86 min Scan# 3362
Delta R.T. -0.01 min
Lab File: BM013397.D
Acq: 14 Dec 2017 05:05

Tgt Ion:252 Resp: 174270

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	7.4	3.4	5.2#





#88
Benzo(a)pyrene
Concen: 3.356 ng/ul
RT: 23.39 min Scan# 3452
Delta R.T. 0.00 min
Lab File: BM013397.D
Acq: 14 Dec 2017 05:05

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 254510

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	8.9	4.0	6.0#