Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014391.D
Acq On : 27 Feb 2018 20:14
Operator : SJ/JU
Sample : J1646-22 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 28 00:48:04 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 28 00:45:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	104996	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	443211	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	249147	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	119036	20.00	ng/ul	0.10
75) Chrysene-d12	21.15	240	478827	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	485926	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	2534	1.03	ng/uL	0.00
5) Phenol-d5	6.73	99	29769	3.35	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.88	67	19675	3.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	29526	4.34	ng/ul	0.01
13) 4-Methylphenol-d8	8.27	113	24047	3.10	ng/ul	0.03
19) Nitrobenzene-d5	8.69	128	15169	4.63	ng/ul	0.01
22) 2-Nitrophenol-d4	9.40	143	12940	3.82	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.96	165	23553	3.35	ng/ul	0.03
29) 4-Chloroaniline-d4	10.47	131	13120	1.90	ng/ul	0.02
43) Dimethylphthalate-d6	13.60	166	97390	4.73	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	117580	4.63	ng/ul	0.01
51) 4-Nitrophenol-d4	14.50	143	1055	0.37	ng/ul	0.07
57) Fluorene-d10	15.19	176	84399	4.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.04	188	118260	20.59	ng/ul	0.00
76) Pyrene-d10	19.35	212	132732	5.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	114623	4.85	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.65	163	22843	1.126	ng/ul#	95
69) Phenanthrene	17.08	178	70274	10.246	ng/ul	98
71) Anthracene	17.08	178	68990	10.002	ng/ul	98
72) Carbazole	17.37	167	30633	5.282	ng/ul	98
77) Pyrene	19.38	202	420677	13.220	ng/ul#	95
80) Benzo(a)anthracene	21.14	228	222838	7.457	ng/ul	97
82) Chrysene	21.19	228	190542	6.835	ng/ul	94
85) Benzo(b)fluoranthene	22.69	252	224407	6.897	ng/ul#	97
86) Benzo(k)fluoranthene	22.69	252	224407	7.254	ng/ul#	95
88) Benzo(a)pyrene	23.23	252	172301	5.926	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.49	276	109538	3.882	ng/ul#	97
91) Benzo(g,h,i)perylene	26.16	276	80142	3.506	ng/ul#	95

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

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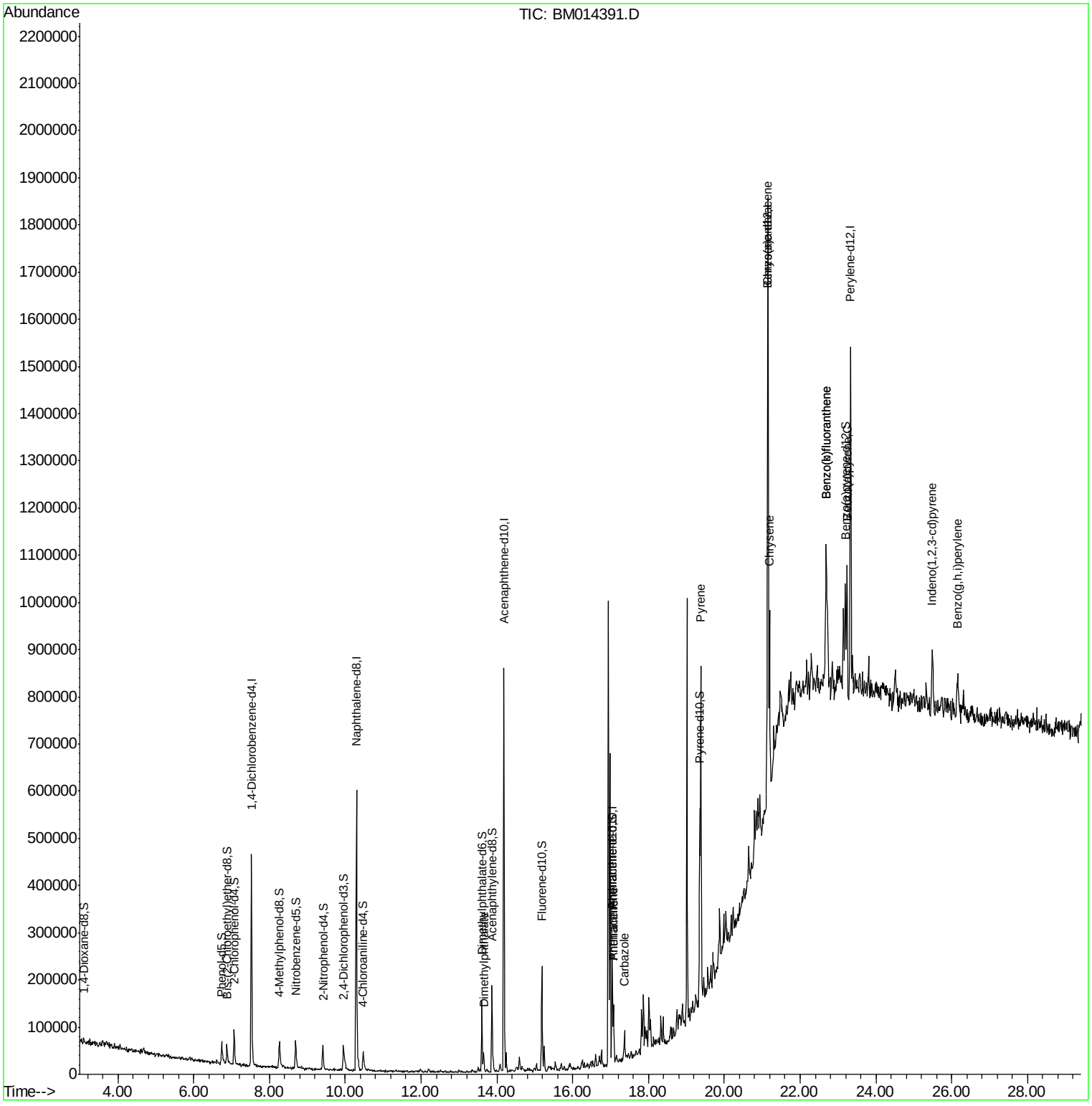
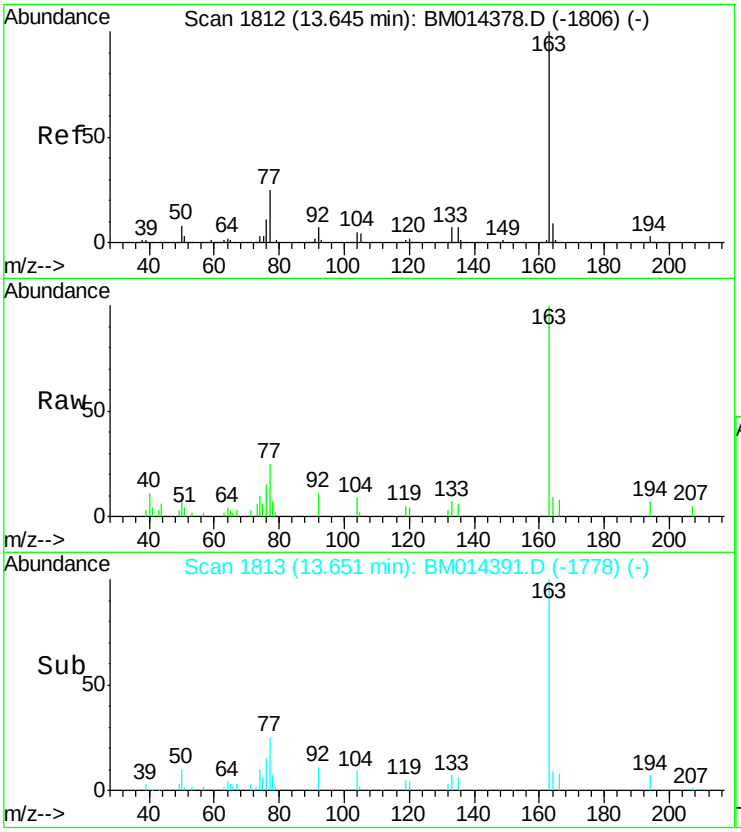
Sample : J1646-22 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Feb 28 00:48:04 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 28 00:45:45 2018
Response via : Initial Calibration



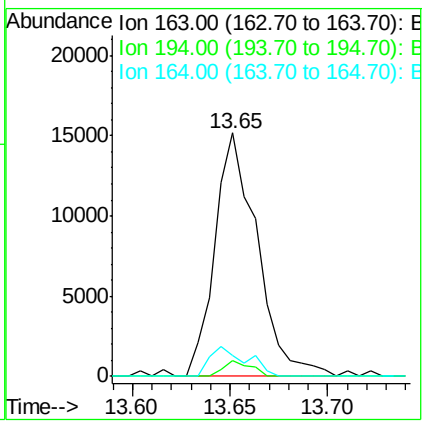


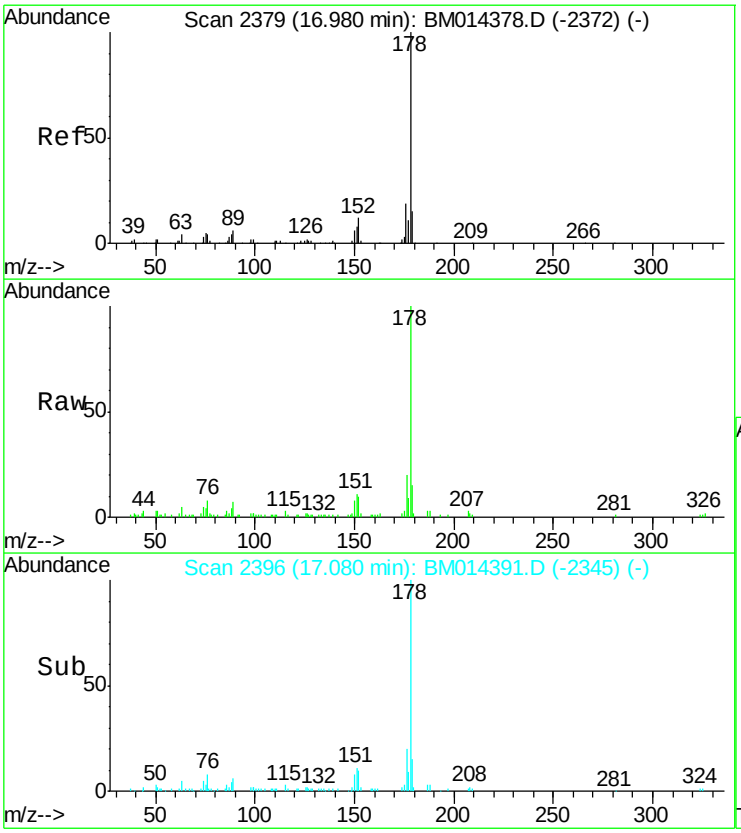
#44
Dimethylphthalate
Concen: 1.126 ng/ul
RT: 13.65 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BM014391.D
Acq: 27 Feb 2018 20:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 22843

Ion	Ratio	Lower	Upper
163	100		
194	6.6	3.5	5.3#
164	8.6	8.2	12.4

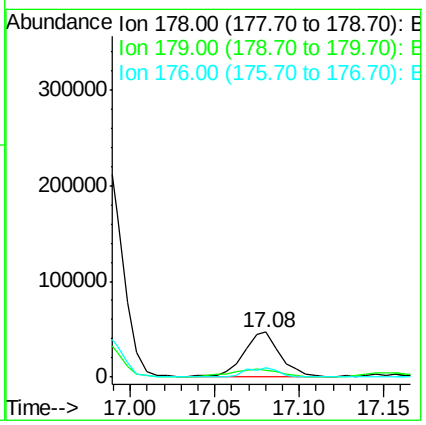


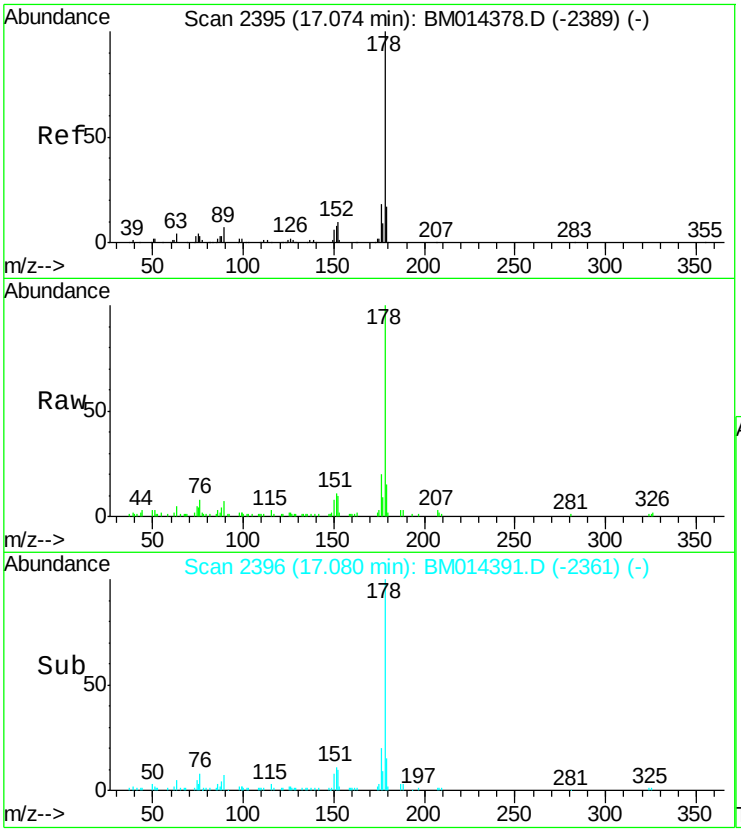


#69
Phenanthrene
Concen: 10.246 ng/ul
RT: 17.08 min Scan# 2396
Delta R.T. 0.10 min
Lab File: BM014391.D
Acq: 27 Feb 2018 20:14

Tgt Ion:178 Resp: 70274

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	19.7	14.9	22.3



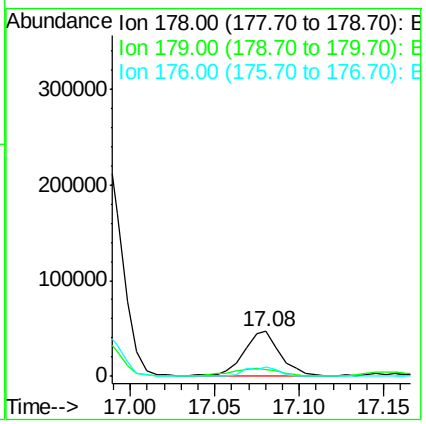


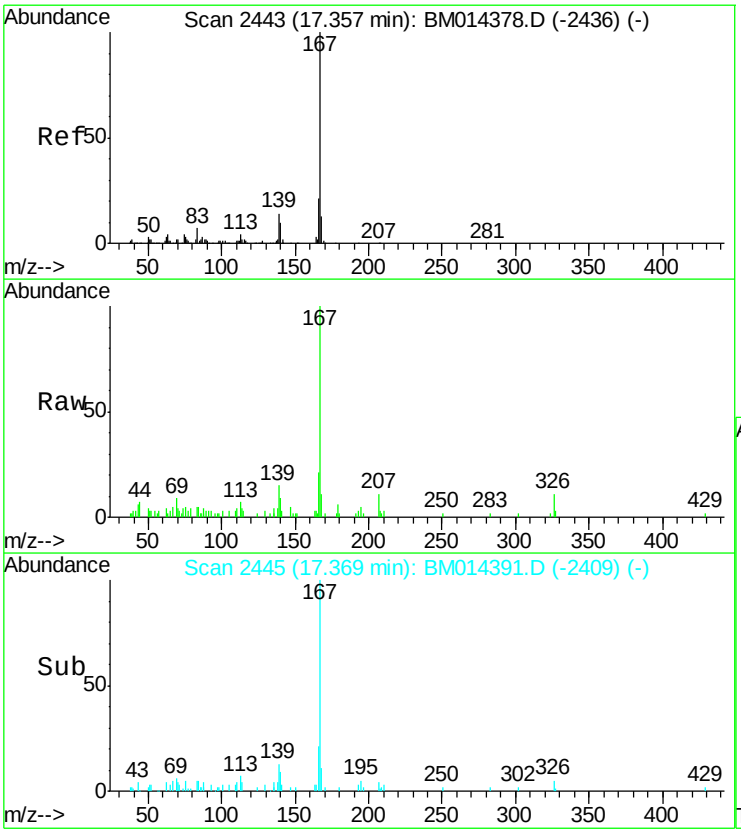
#71
Anthracene
Concen: 10.002 ng/ul
RT: 17.08 min Scan# 2396
Delta R.T. 0.01 min
Lab File: BM014391.D
Acq: 27 Feb 2018 20:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 68990

Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.7	17.5
176	19.7	14.6	21.8

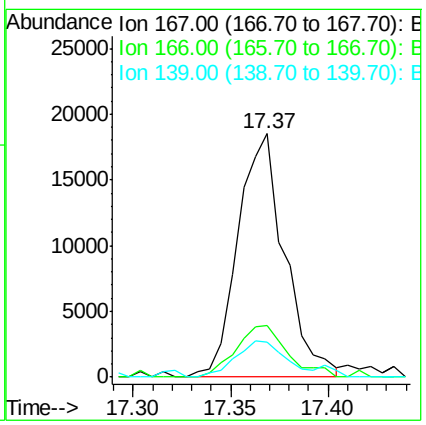


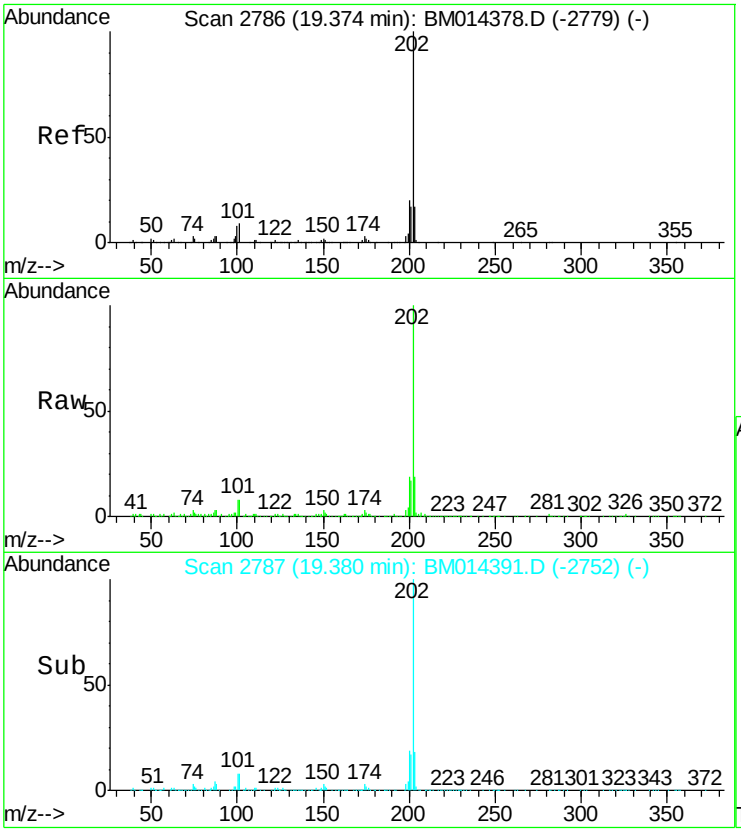


#72
Carbazole
Concen: 5.282 ng/ul
RT: 17.37 min Scan# 2445
Delta R.T. 0.01 min
Lab File: BM014391.D
Acq: 27 Feb 2018 20:14

Tgt Ion:167 Resp: 30633

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.1	25.7
139	14.5	10.0	15.0



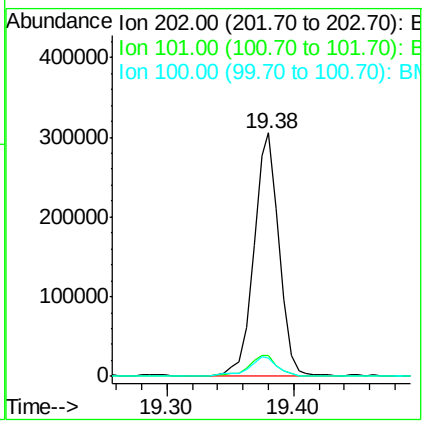


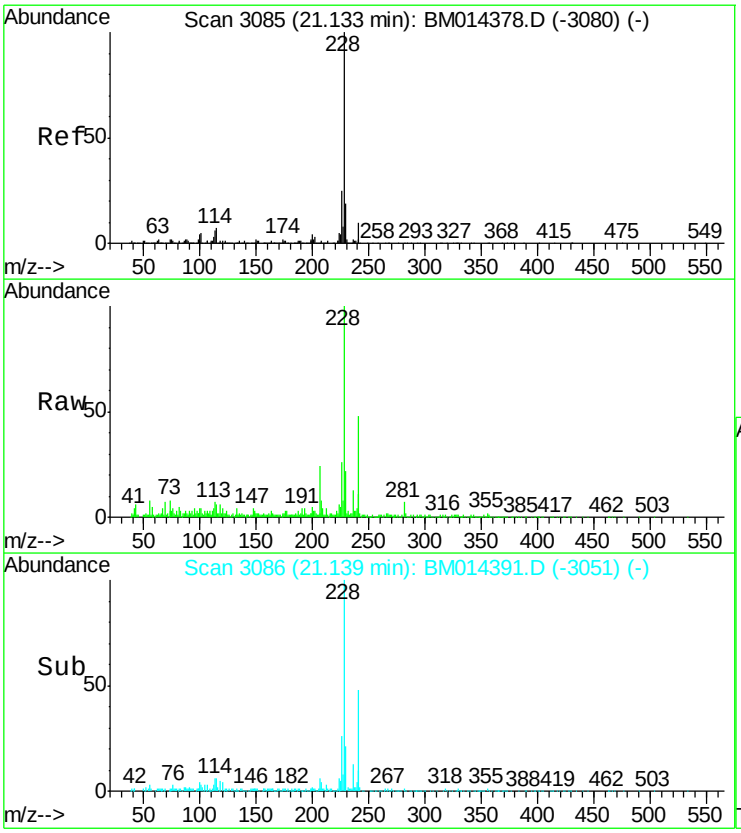
#77
Pyrene
Concen: 13.220 ng/ul
RT: 19.38 min Scan# 2787
Delta R.T. 0.01 min
Lab File: BM014391.D
Acq: 27 Feb 2018 20:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 420677

Ion	Ratio	Lower	Upper
202	100		
101	8.3	5.1	7.7#
100	7.7	4.9	7.3#

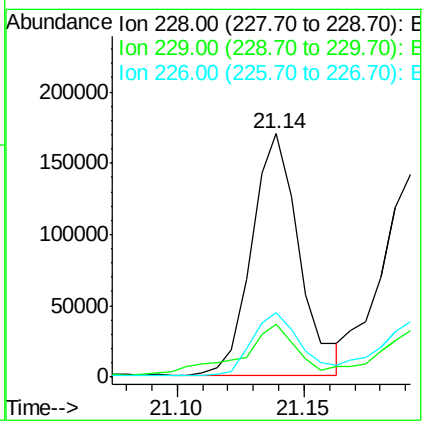


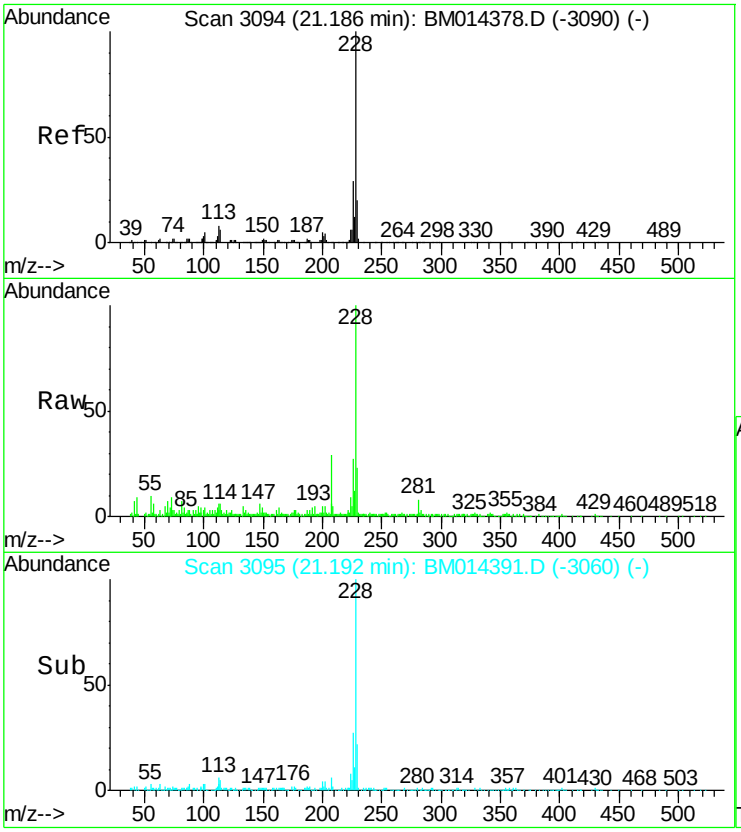


#80
Benzo(a)anthracene
Concen: 7.457 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. 0.01 min
Lab File: BM014391.D
Acq: 27 Feb 2018 20:14

Tgt Ion:228 Resp: 222838

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.4	23.0
226	26.3	21.4	32.0



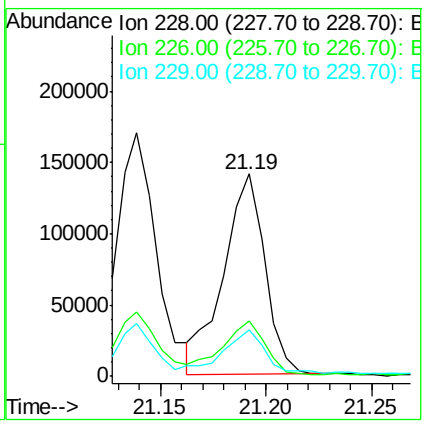


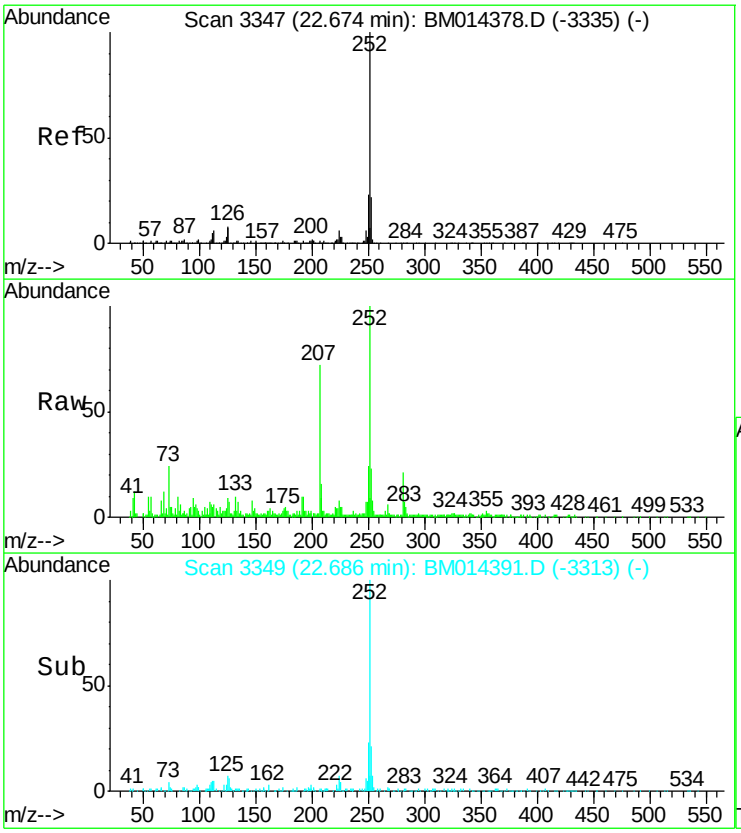
#82
Chrysene
Concen: 6.835 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BM014391.D
Acq: 27 Feb 2018 20:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 190542

Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.4	35.2
229	23.2	15.5	23.3

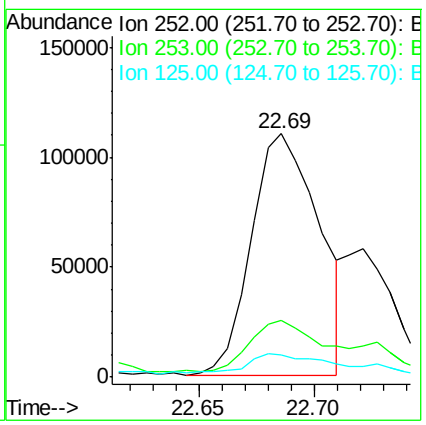


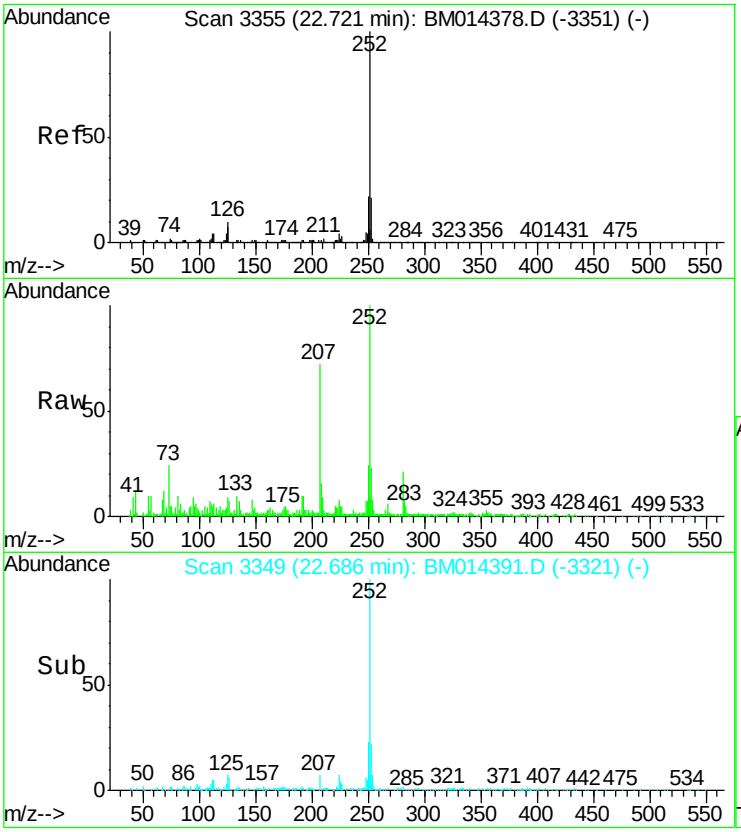


#85
Benzo(b)fluoranthene
Concen: 6.897 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. 0.01 min
Lab File: BM014391.D
Acq: 27 Feb 2018 20:14

Tgt Ion:252 Resp: 224407

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	8.9	3.6	5.4#



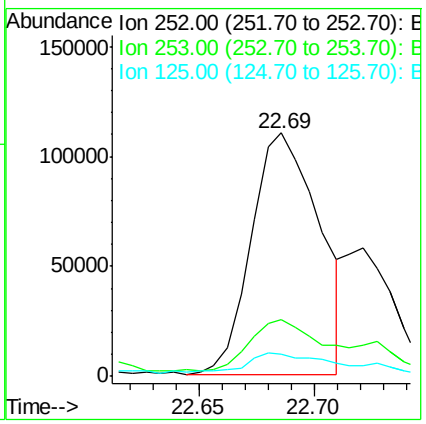


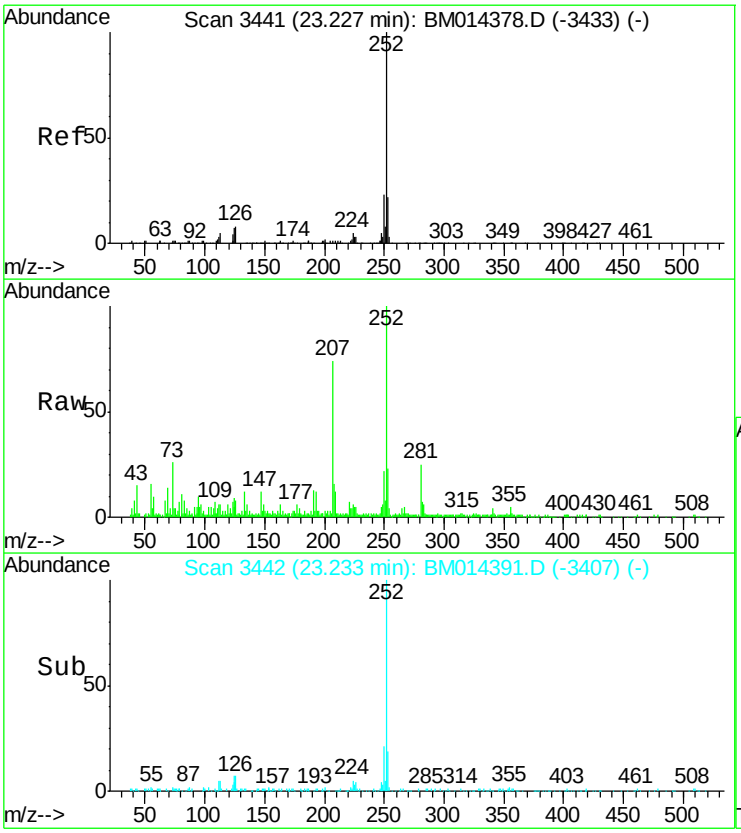
#86
Benzo(k)fluoranthene
Concen: 7.254 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. -0.04 min
Lab File: BM014391.D
Acq: 27 Feb 2018 20:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 224407

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	8.9	3.4	5.2#

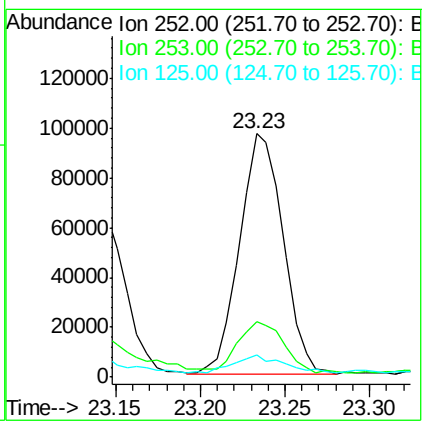


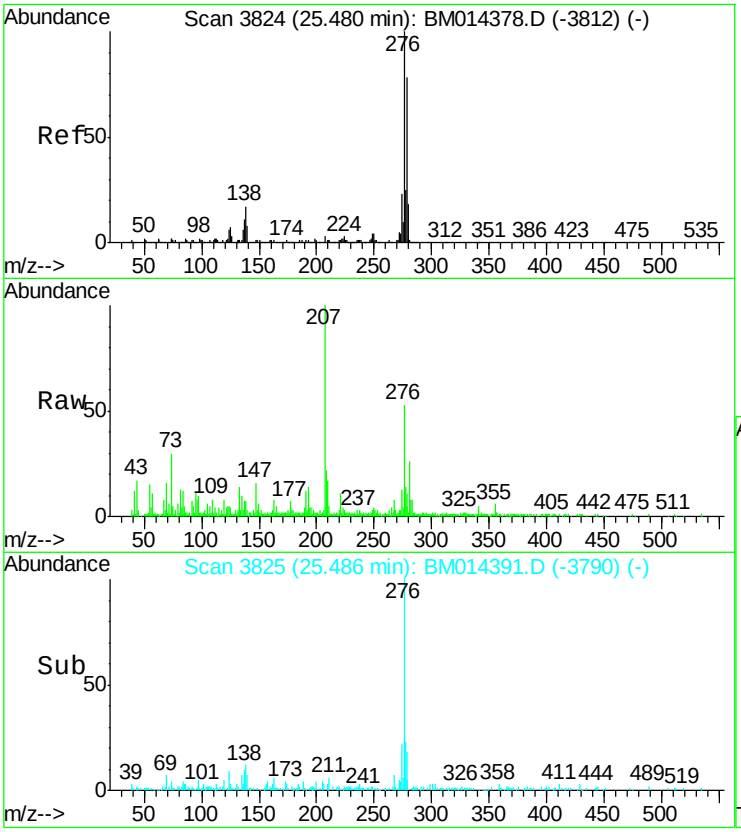


#88
Benzo(a)pyrene
Concen: 5.926 ng/ul
RT: 23.23 min Scan# 3442
Delta R.T. 0.01 min
Lab File: BM014391.D
Acq: 27 Feb 2018 20:14

Tgt Ion:252 Resp: 172301

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	9.1	4.0	6.0#



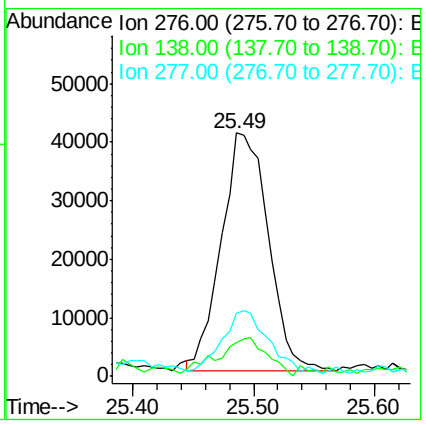


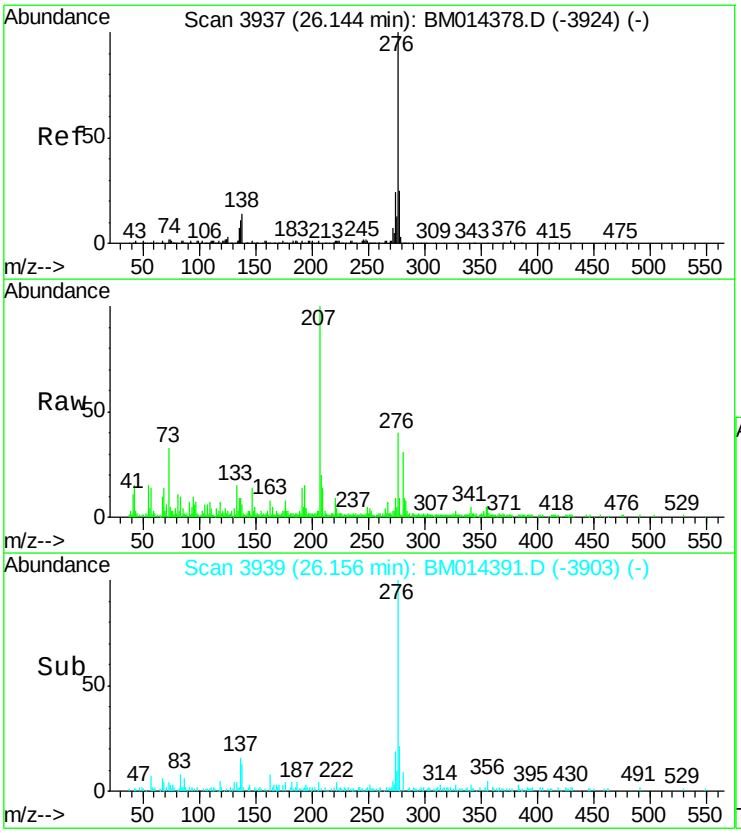
#89
Indeno(1,2,3-cd)pyrene
Concen: 3.882 ng/ul
RT: 25.49 min Scan# 3825
Delta R.T. 0.01 min
Lab File: BM014391.D
Acq: 27 Feb 2018 20:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 109538

Ion	Ratio	Lower	Upper
276	100		
138	14.0	9.3	13.9#
277	25.9	19.9	29.9





#91
Benzo(g,h,i)perylene
Concen: 3.506 ng/ul
RT: 26.16 min Scan# 3939
Delta R.T. 0.01 min
Lab File: BM014391.D
Acq: 27 Feb 2018 20:14

Tgt Ion:276 Resp: 80142

Ion	Ratio	Lower	Upper
276	100		
138	15.4	8.5	12.7#
277	22.4	18.6	28.0