Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014945.D
Acq On : 03 May 2018 16:20
Operator : SJ/JU
Sample : J2554-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF8

Quant Time: May 04 05:18:03 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 04 05:03:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	332688	20.00	ng/ul	0.00
18) Naphthalene-d8	11.33	136	1431963	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	760297	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.81	188	1625912	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1439531	20.00	ng/ul	0.00
83) Perylene-d12	24.37	264	1284491	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.64	96	55806	7.32	ng/uL	0.00
5) Phenol-d5	7.62	99	1090525	42.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.79	67	774750	46.98	ng/ul	0.00
9) 2-Chlorophenol-d4	8.01	132	906948	42.15	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	741060	36.13	ng/ul	0.00
19) Nitrobenzene-d5	9.67	128	431824	41.71	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	458174	44.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	798220	38.11	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	1076616	52.07	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	2511415	42.32	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	2921124	39.86	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	418706	38.01	ng/ul	0.00
57) Fluorene-d10	16.07	176	2132762	41.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.17	200	312516	35.52	ng/ul	0.00
70) Anthracene-d10	17.91	188	3208500	42.34	ng/ul	0.00
76) Pyrene-d10	20.15	212	3400532	49.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	2944315	46.66	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.65	94	64930	2.566	ng/ul#	86
44) Dimethylphthalate	14.53	163	489892	8.539	ng/ul	100
69) Phenanthrene	17.85	178	318166	3.644	ng/ul	99
74) Fluoranthene	19.82	202	509448	5.351	ng/ul#	79
77) Pyrene	20.17	202	423165	5.031	ng/ul#	76
80) Benzo(a)anthracene	21.88	228	203280	2.415	ng/ul	97
82) Chrysene	21.93	228	204274	2.592	ng/ul	99
85) Benzo(b)fluoranthene	23.62	252	247394	3.267	ng/ul#	92
88) Benzo(a)pyrene	24.27	252	155556	2.166	ng/ul#	95
91) Benzo(g,h,i)perylene	27.72	276	100412	1.405	ng/ul#	87

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

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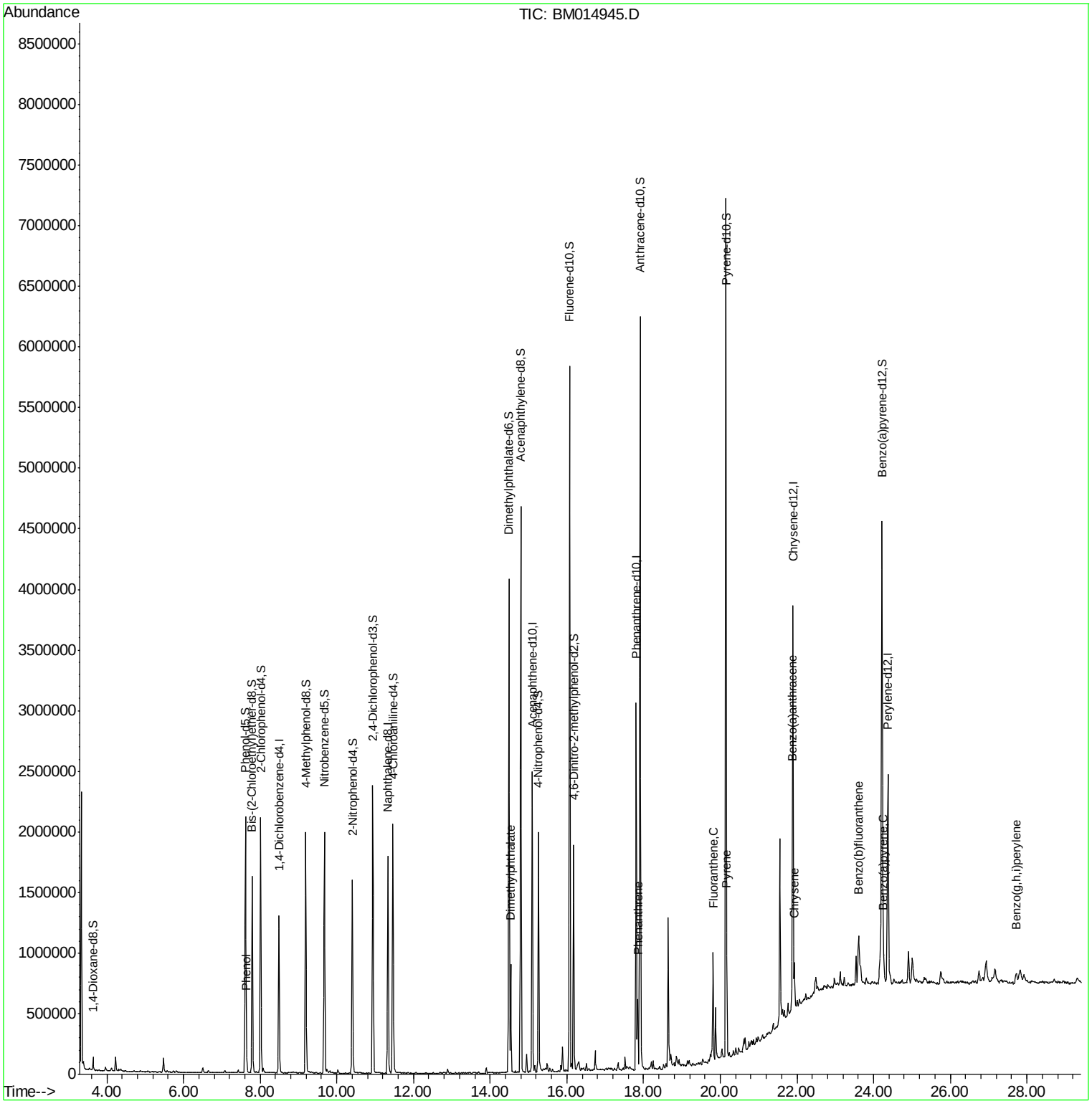
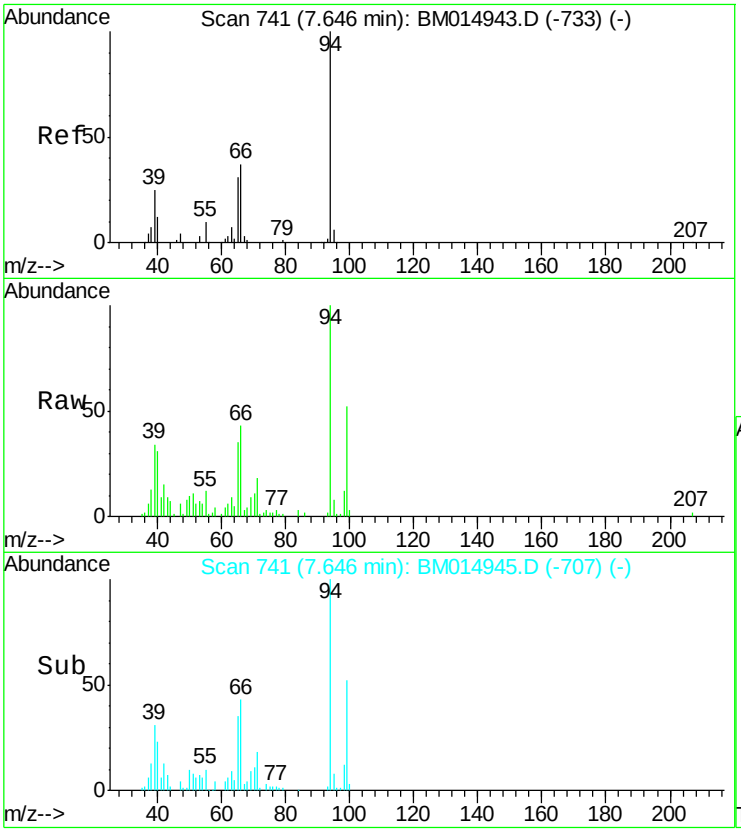


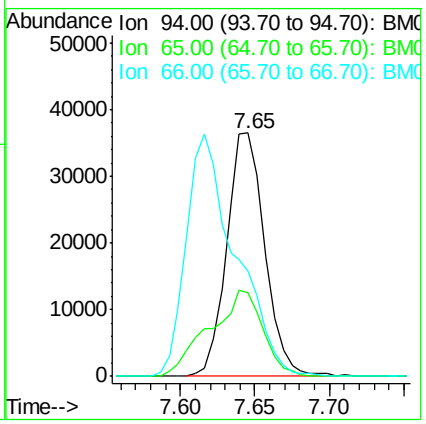


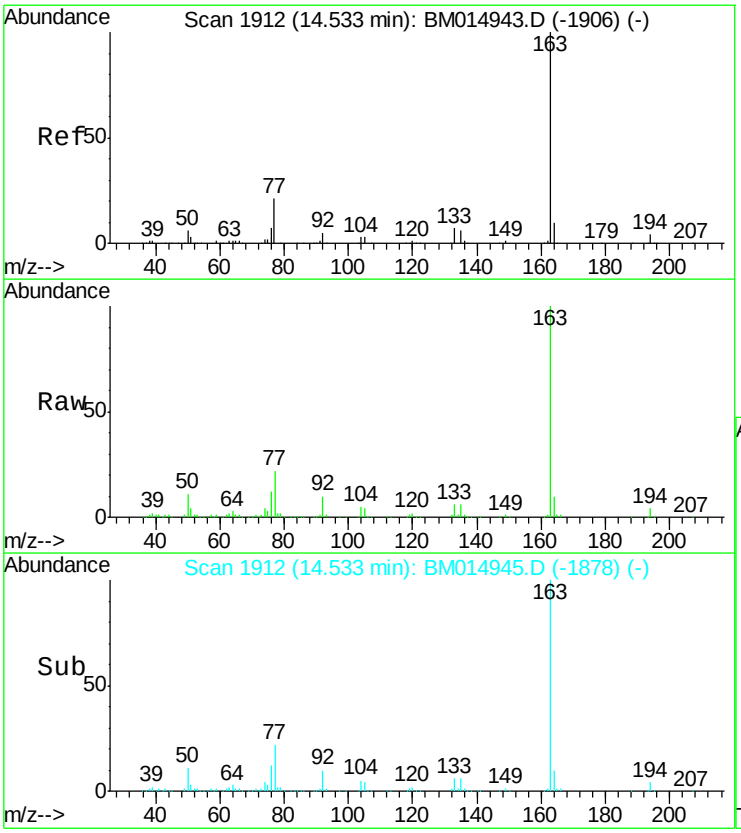
#6
Phenol
Concen: 2.566 ng/ul
RT: 7.65 min Scan# 741
Delta R.T. -0.00 min
Lab File: BM014945.D
Acq: 03 May 2018 16:20

Instrument :
BNA_M
ClientSampleId :
C0AF8

Tgt Ion: 94 Resp: 64930

Ion	Ratio	Lower	Upper
94	100		
65	34.5	28.2	42.4
66	43.2	47.2	70.8#

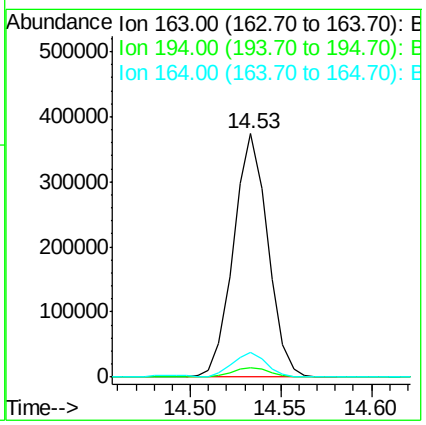


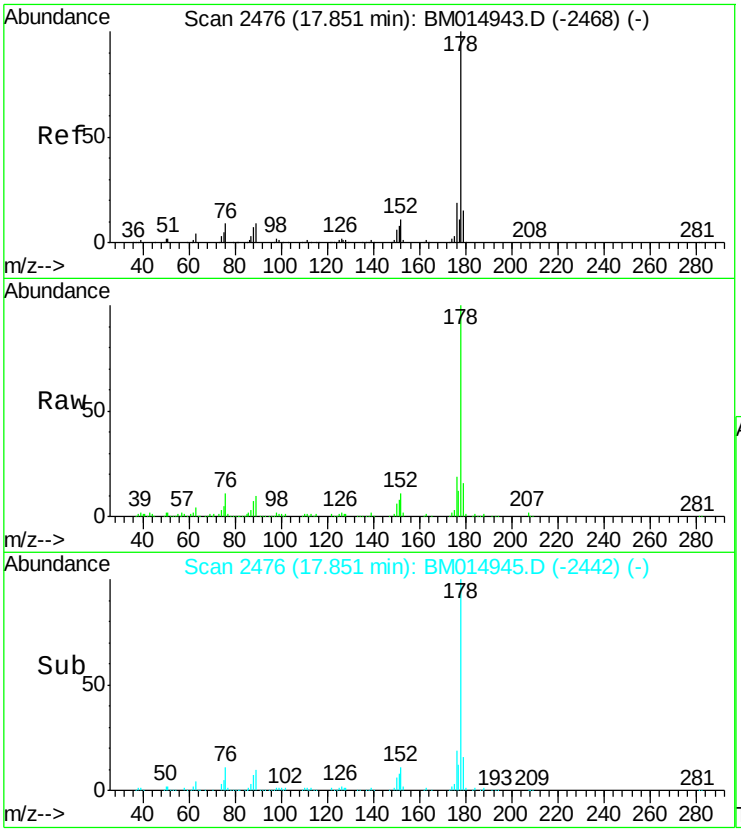


#44
Dimethylphthalate
Concen: 8.539 ng/ul
RT: 14.53 min Scan# 1912
Delta R.T. -0.00 min
Lab File: BM014945.D
Acq: 03 May 2018 16:20

Tgt Ion:163 Resp: 489892

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	10.2	8.2	12.4



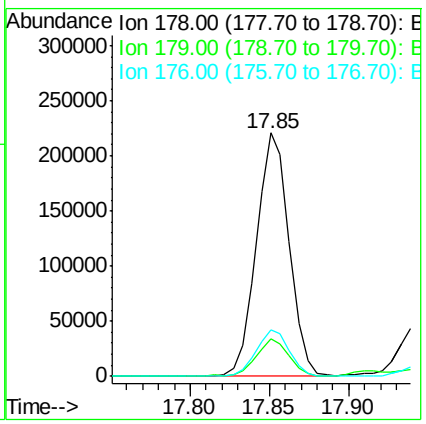


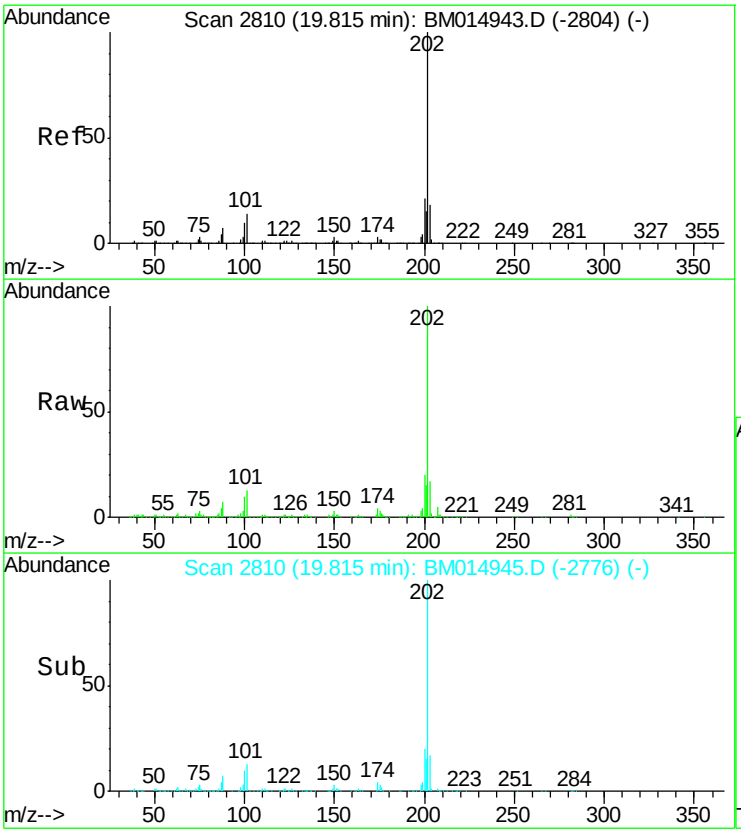
#69
Phenanthrene
Concen: 3.644 ng/ul
RT: 17.85 min Scan# 2476
Delta R.T. -0.00 min
Lab File: BM014945.D
Acq: 03 May 2018 16:20

Instrument :
BNA_M
ClientSampleId :
C0AF8

Tgt Ion:178 Resp: 318166

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	18.9	14.9	22.3

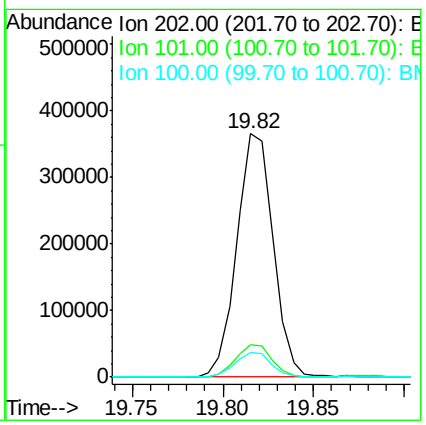


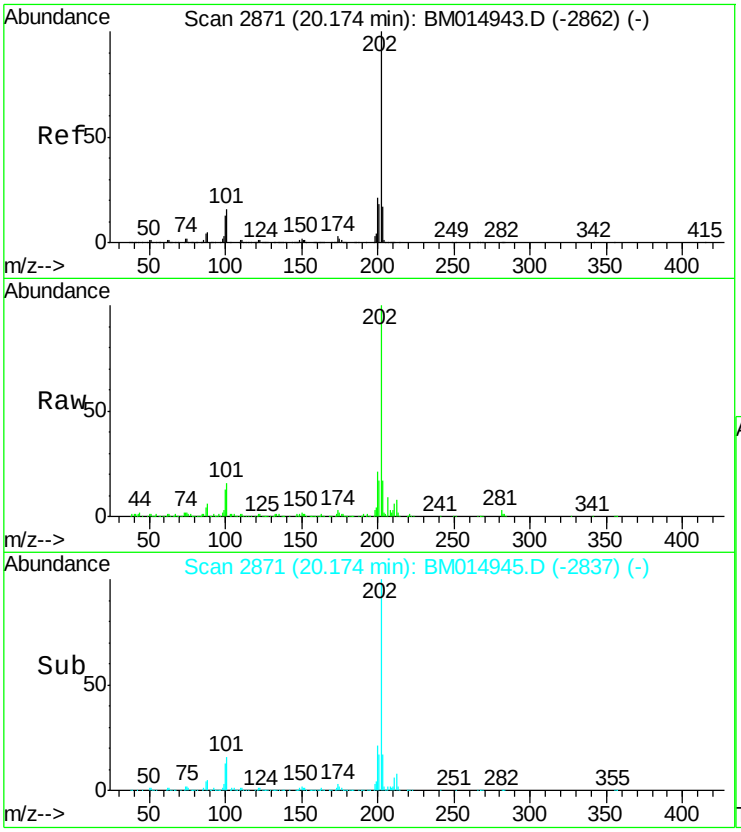


#74
Fluoranthene
Concen: 5.351 ng/ul
RT: 19.82 min Scan# 2810
Delta R.T. -0.00 min
Lab File: BM014945.D
Acq: 03 May 2018 16:20

Tgt Ion:202 Resp: 509448

Ion	Ratio	Lower	Upper
202	100		
101	13.3	4.6	7.0#
100	10.3	3.4	5.2#



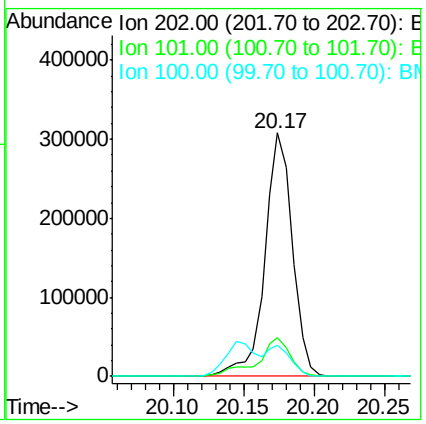


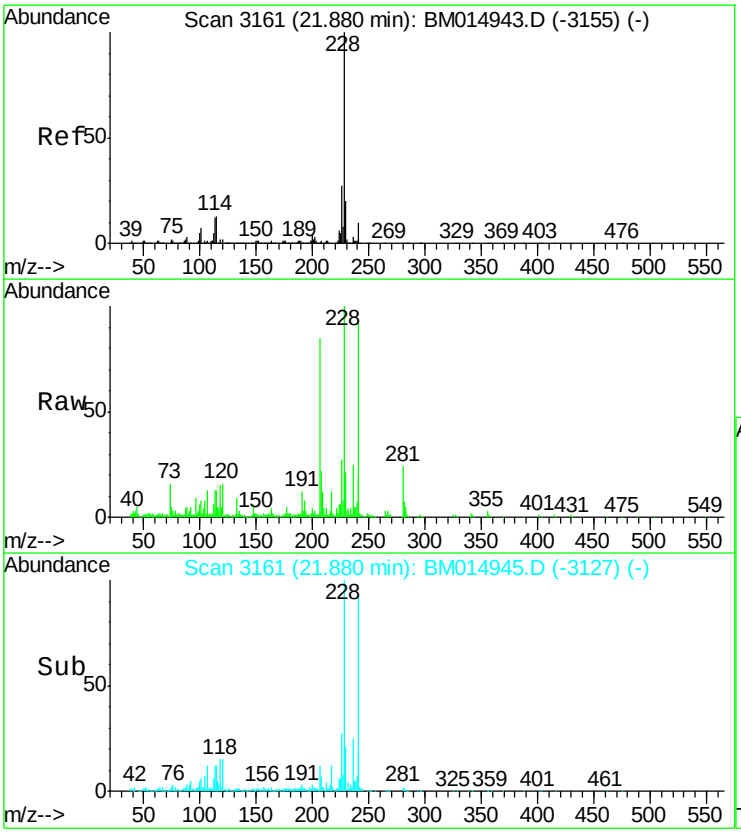
#77
Pyrene
Concen: 5.031 ng/ul
RT: 20.17 min Scan# 2871
Delta R.T. -0.00 min
Lab File: BM014945.D
Acq: 03 May 2018 16:20

Instrument :
BNA_M
ClientSampleId :
C0AF8

Tgt Ion:202 Resp: 423165

Ion	Ratio	Lower	Upper
202	100		
101	15.7	5.1	7.7#
100	12.7	4.9	7.3#

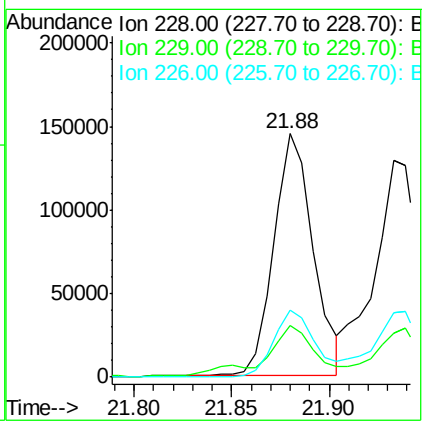


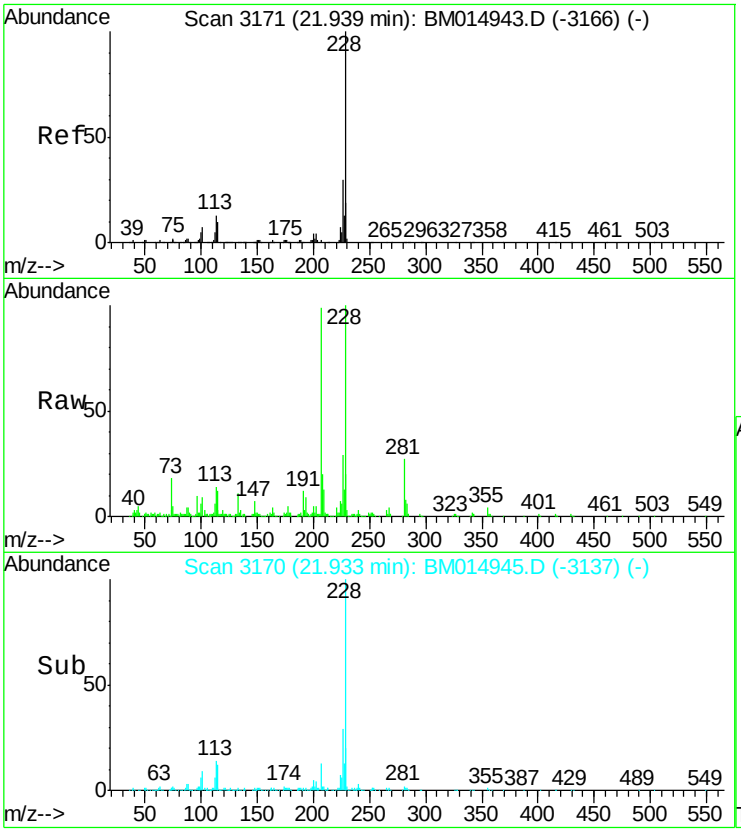


#80
Benzo(a)anthracene
Concen: 2.415 ng/ul
RT: 21.88 min Scan# 3161
Delta R.T. -0.00 min
Lab File: BM014945.D
Acq: 03 May 2018 16:20

Tgt Ion:228 Resp: 203280

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.4	23.0
226	27.4	21.4	32.0



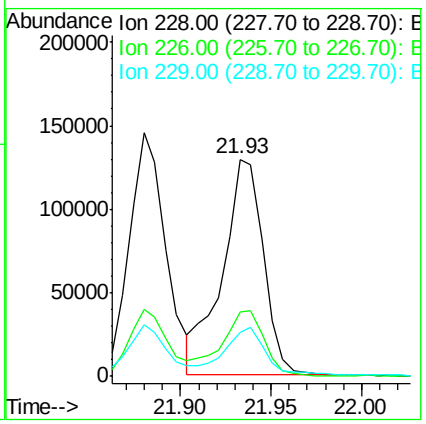


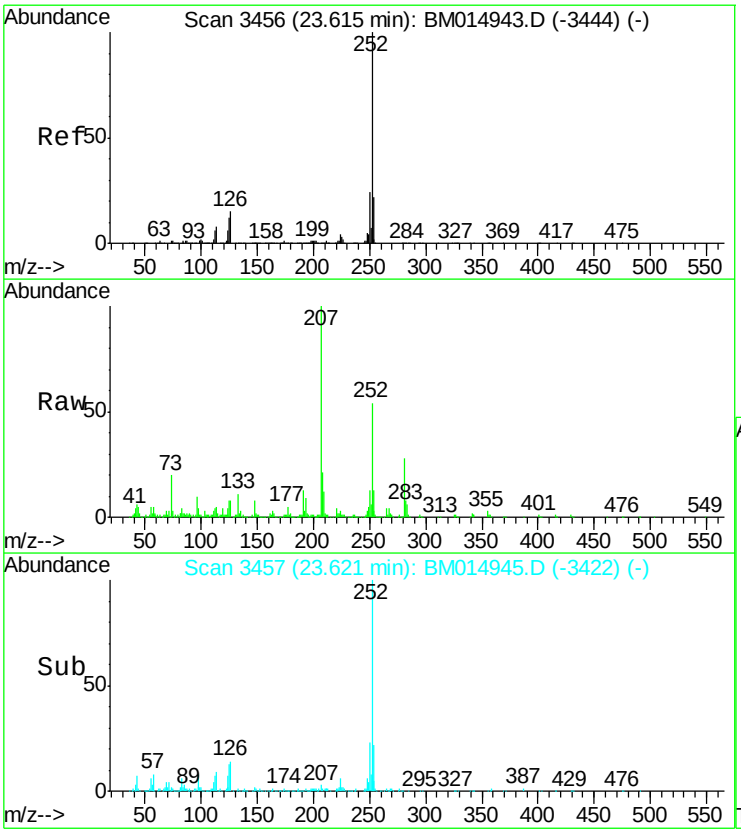
#82
Chrysene
Concen: 2.592 ng/ul
RT: 21.93 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BM014945.D
Acq: 03 May 2018 16:20

Instrument :
BNA_M
ClientSampleId :
C0AF8

Tgt Ion:228 Resp: 204274

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	20.2	15.5	23.3

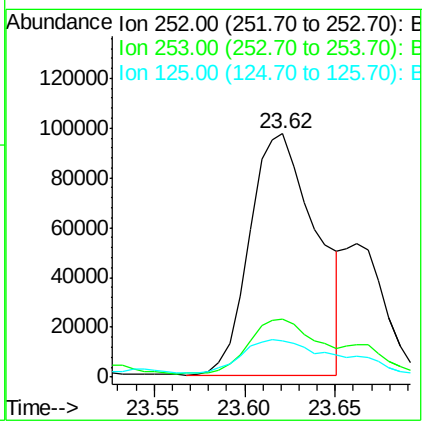


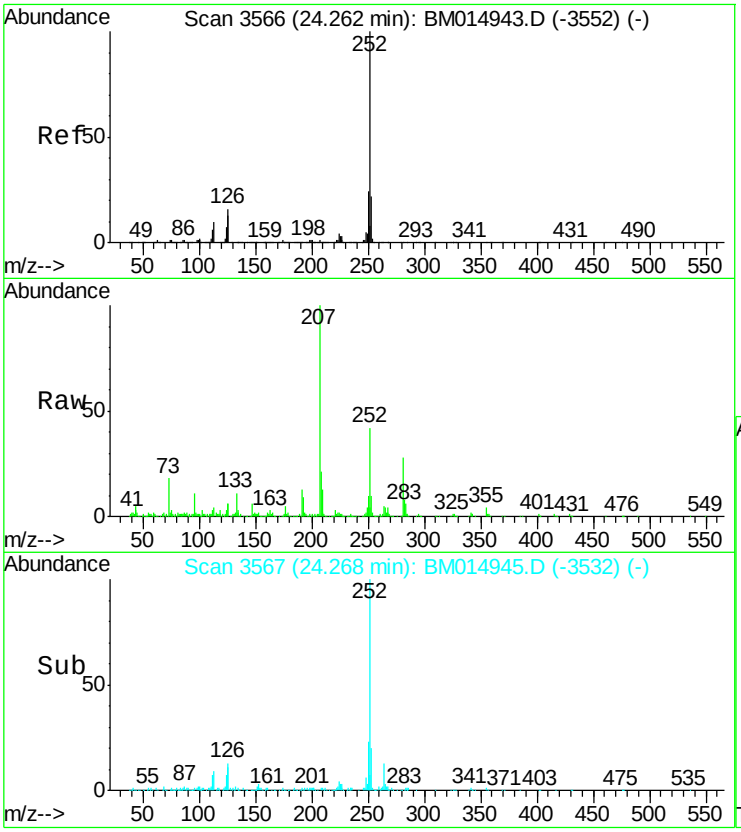


#85
Benzo(b)fluoranthene
Concen: 3.267 ng/ul
RT: 23.62 min Scan# 3457
Delta R.T. 0.01 min
Lab File: BM014945.D
Acq: 03 May 2018 16:20

Tgt Ion:252 Resp: 247394

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	15.0	3.6	5.4#



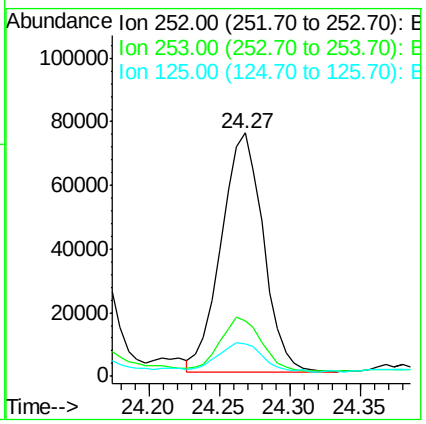


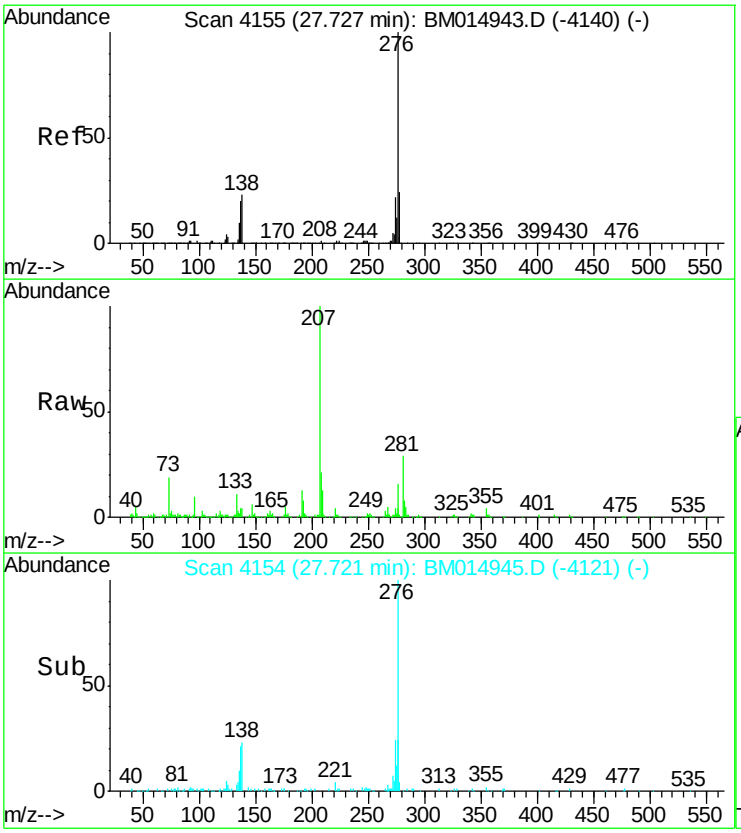
#88
Benzo(a)pyrene
Concen: 2.166 ng/ul
RT: 24.27 min Scan# 3567
Delta R.T. 0.01 min
Lab File: BM014945.D
Acq: 03 May 2018 16:20

Instrument :
BNA_M
ClientSampleId :
C0AF8

Tgt Ion:252 Resp: 155556

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	13.3	4.0	6.0#





#91
Benzo(g,h,i)perylene
Concen: 1.405 ng/ul
RT: 27.72 min Scan# 4154
Delta R.T. -0.01 min
Lab File: BM014945.D
Acq: 03 May 2018 16:20

Tgt Ion:276 Resp: 100412

Ion	Ratio	Lower	Upper
276	100		
138	24.3	8.5	12.7#
277	24.8	18.6	28.0