Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041918\
Data File : BM014745.D
Acq On : 19 Apr 2018 22:06
Operator : SJ/JU
Sample : J2434-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD0

Quant Time: Apr 20 02:25:15 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 20 01:26:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	293871	20.00	ng/ul	0.00
18) Naphthalene-d8	11.39	136	1248779	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.14	164	654779	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1372319	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1316570	20.00	ng/ul	0.00
83) Perylene-d12	24.44	264	1332311	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.67	96	22206	3.30	ng/uL	0.00
5) Phenol-d5	7.66	99	429706	18.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	302394	20.76	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	364549	19.18	ng/ul	0.00
13) 4-Methylphenol-d8	9.24	113	286276	15.80	ng/ul	0.00
19) Nitrobenzene-d5	9.73	128	170269	18.86	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	162500	18.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.99	165	330053	18.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.51	131	422061	23.41	ng/ul	0.00
43) Dimethylphthalate-d6	14.53	166	1009546	19.75	ng/ul	0.00
46) Acenaphthylene-d8	14.84	160	1263966	20.03	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	116903	12.32	ng/ul	0.00
57) Fluorene-d10	16.12	176	870539	19.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	84242	11.34	ng/ul	0.00
70) Anthracene-d10	17.95	188	1240281	19.39	ng/ul	0.00
76) Pyrene-d10	20.19	212	1321549	21.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.28	264	1263695	19.31	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.69	94	88763	3.971	ng/ul#	78
44) Dimethylphthalate	14.58	163	254860	5.158	ng/ul	100
69) Phenanthrene	17.90	178	101126	1.372	ng/ul	99
74) Fluoranthene	19.86	202	272105	3.386	ng/ul#	85
77) Pyrene	20.22	202	244649	3.180	ng/ul#	82
80) Benzo(a)anthracene	21.92	228	147520	1.916	ng/ul	99
82) Chrysene	21.98	228	157473	2.185	ng/ul	98
85) Benzo(b)fluoranthene	23.67	252	252873	3.220	ng/ul#	92
88) Benzo(a)pyrene	24.33	252	172531	2.316	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	27.02	276	130117	1.444	ng/ul#	91
91) Benzo(g,h,i)perylene	27.82	276	127129	1.715	ng/ul#	90

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

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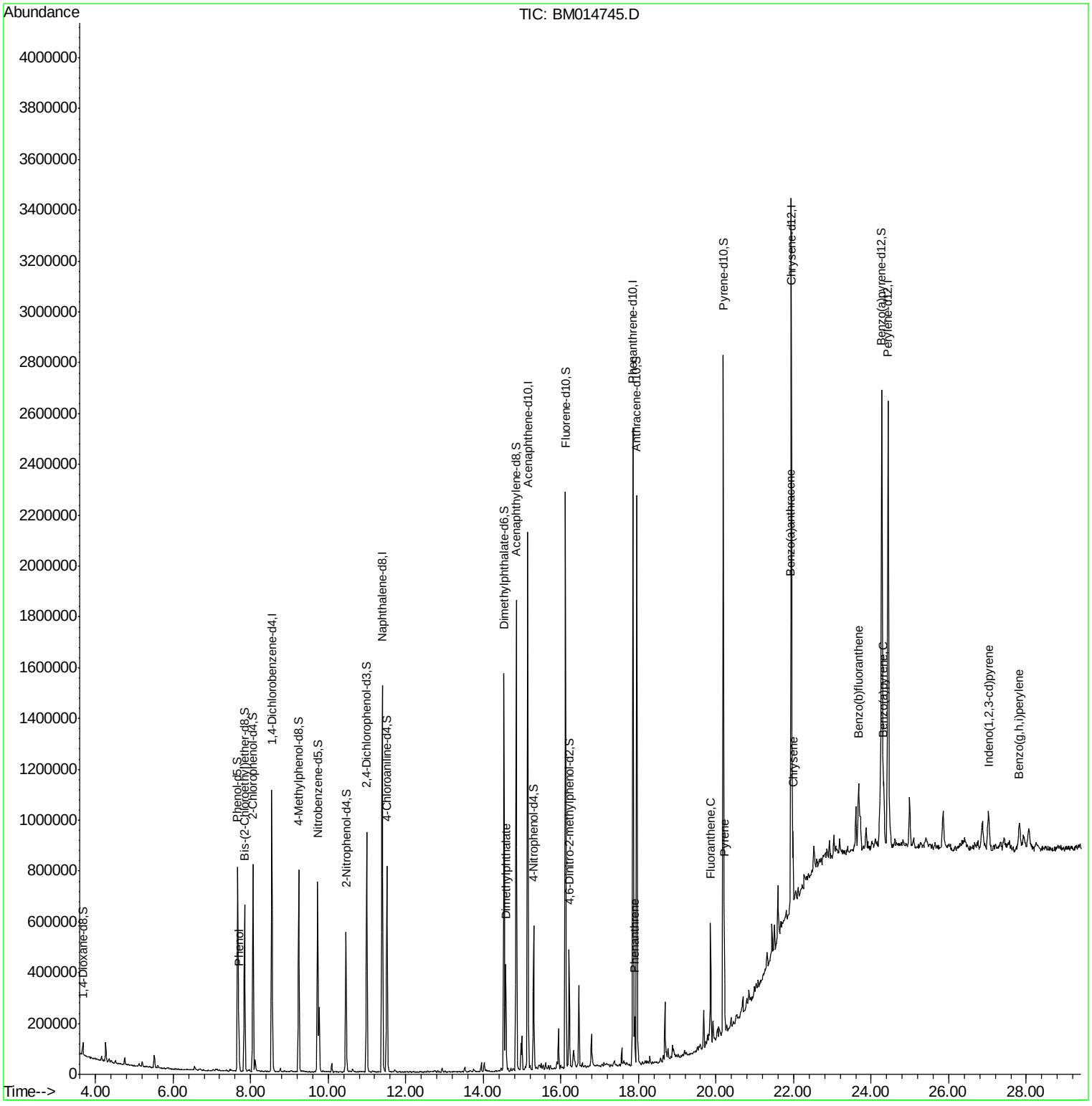
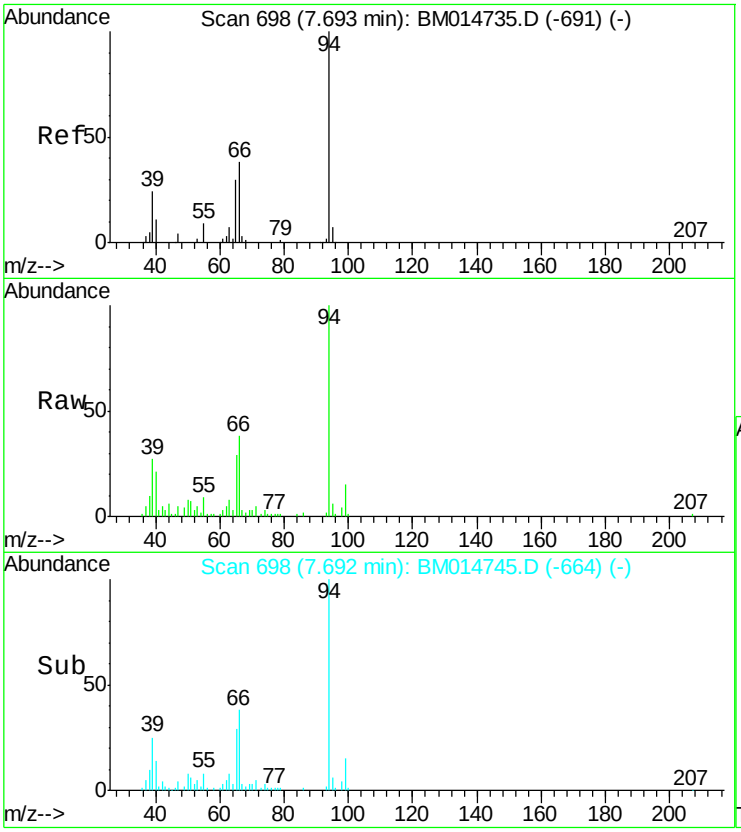


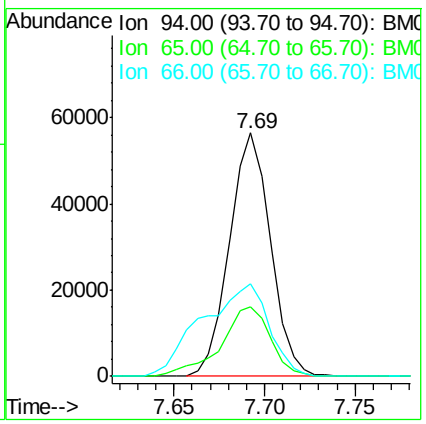


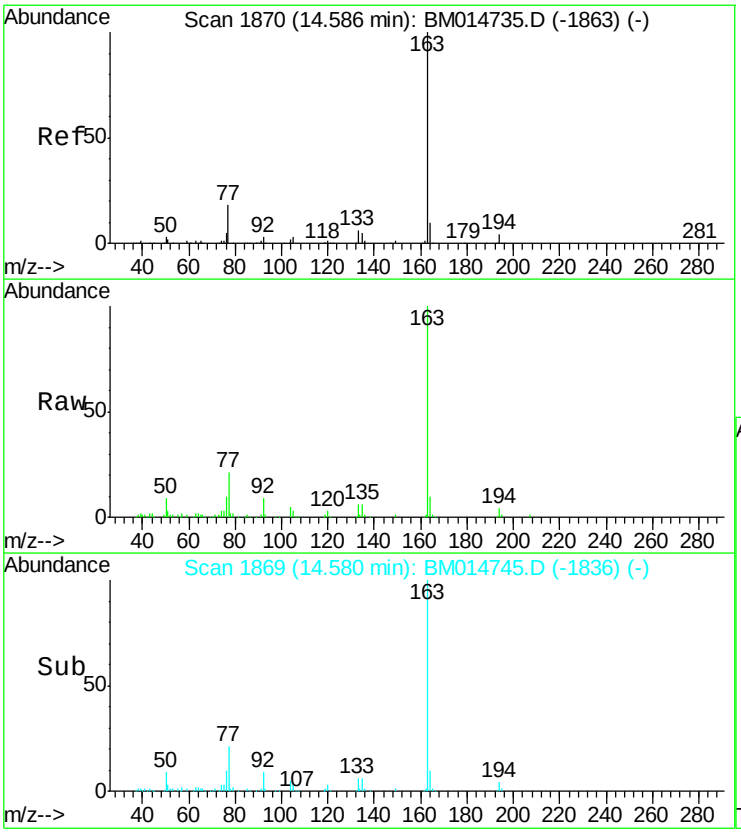
#6
Phenol
Concen: 3.971 ng/ul
RT: 7.69 min Scan# 698
Delta R.T. -0.00 min
Lab File: BM014745.D
Acq: 19 Apr 2018 22:06

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tgt Ion: 94 Resp: 88763

Ion	Ratio	Lower	Upper
94	100		
65	28.8	28.2	42.4
66	37.8	47.2	70.8#

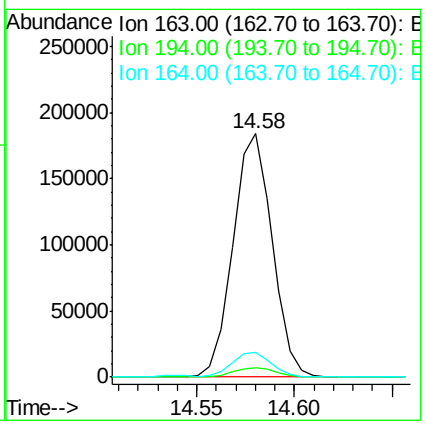


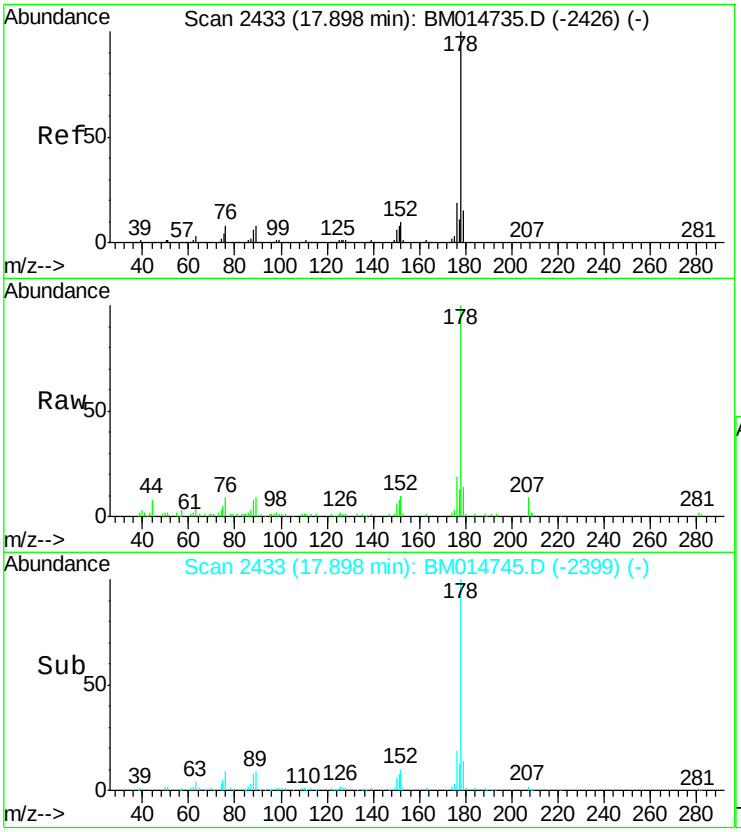


#44
Dimethylphthalate
Concen: 5.158 ng/ul
RT: 14.58 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BM014745.D
Acq: 19 Apr 2018 22:06

Tgt Ion:163 Resp: 254860

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.2	8.2	12.4



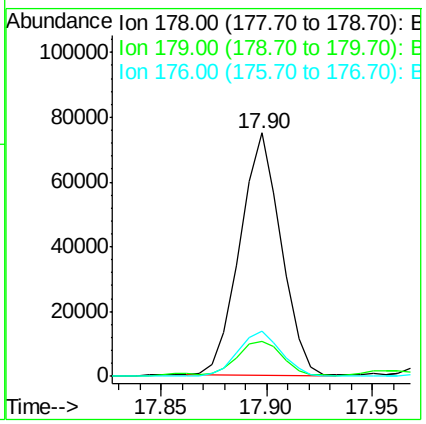


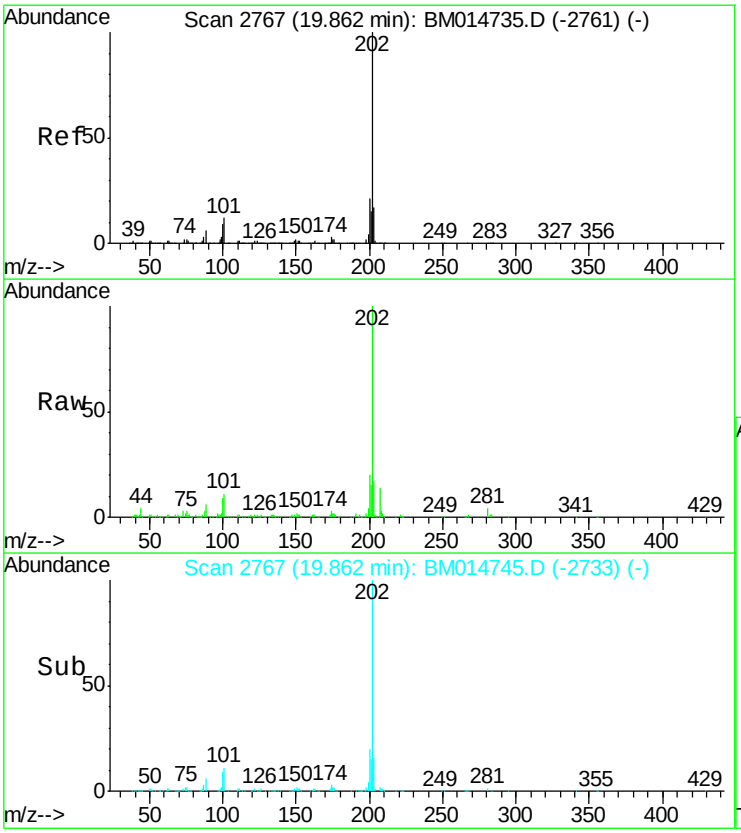
#69
Phenanthrene
Concen: 1.372 ng/ul
RT: 17.90 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BM014745.D
Acq: 19 Apr 2018 22:06

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tgt Ion:178 Resp: 101126

Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.6	19.0
176	18.6	14.9	22.3

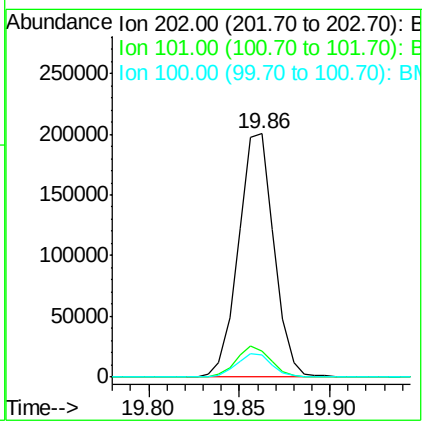


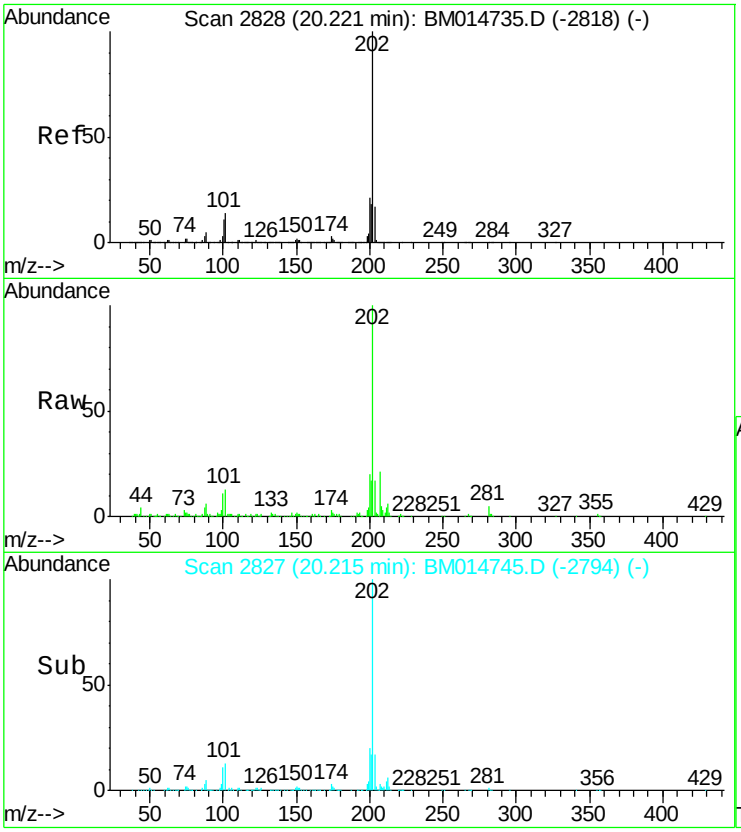


#74
Fluoranthene
Concen: 3.386 ng/ul
RT: 19.86 min Scan# 2767
Delta R.T. -0.00 min
Lab File: BM014745.D
Acq: 19 Apr 2018 22:06

Tgt Ion:202 Resp: 272105

Ion	Ratio	Lower	Upper
202	100		
101	10.9	4.6	7.0#
100	9.1	3.4	5.2#



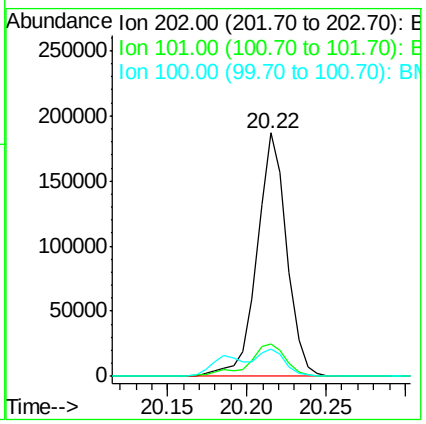


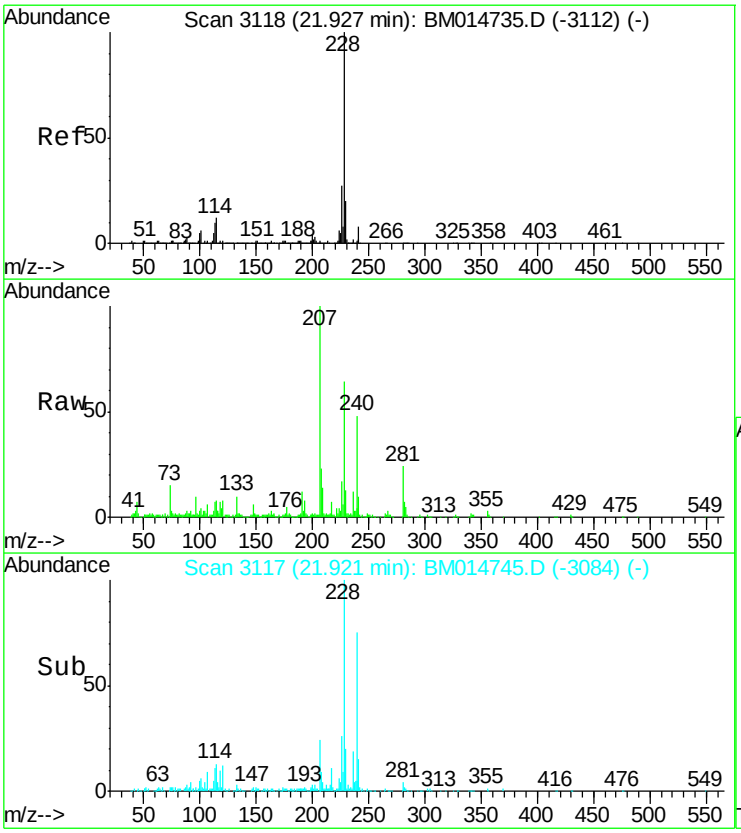
#77
Pyrene
Concen: 3.180 ng/ul
RT: 20.22 min Scan# 2827
Delta R.T. -0.01 min
Lab File: BM014745.D
Acq: 19 Apr 2018 22:06

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tgt Ion:202 Resp: 244649

Ion	Ratio	Lower	Upper
202	100		
101	13.1	5.1	7.7#
100	11.3	4.9	7.3#

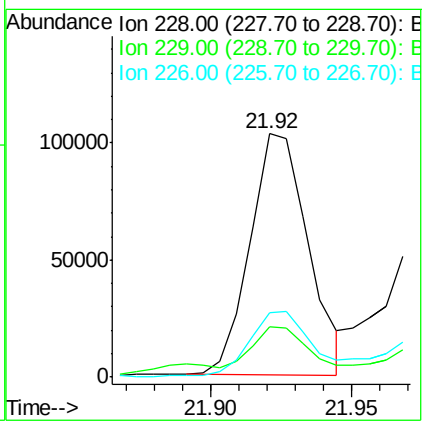


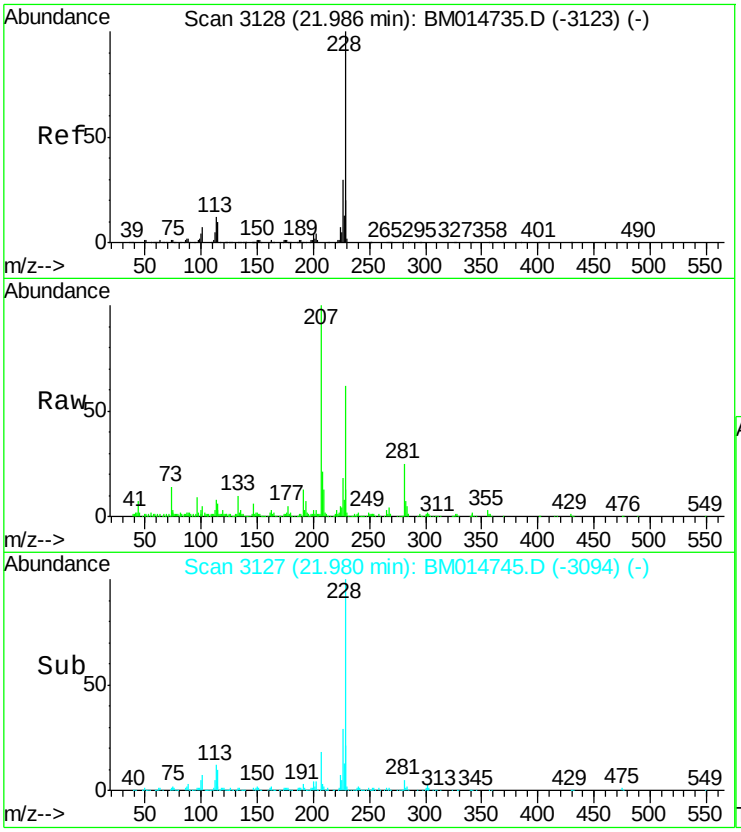


#80
Benzo(a)anthracene
Concen: 1.916 ng/ul
RT: 21.92 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM014745.D
Acq: 19 Apr 2018 22:06

Tgt Ion:228 Resp: 147520

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



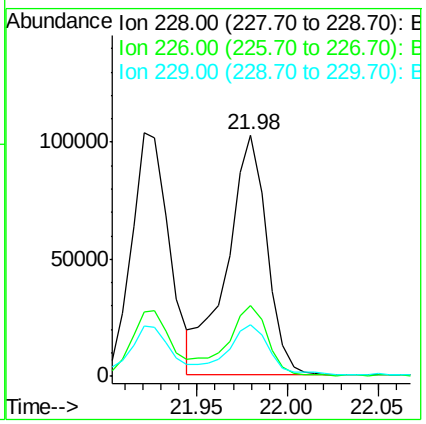


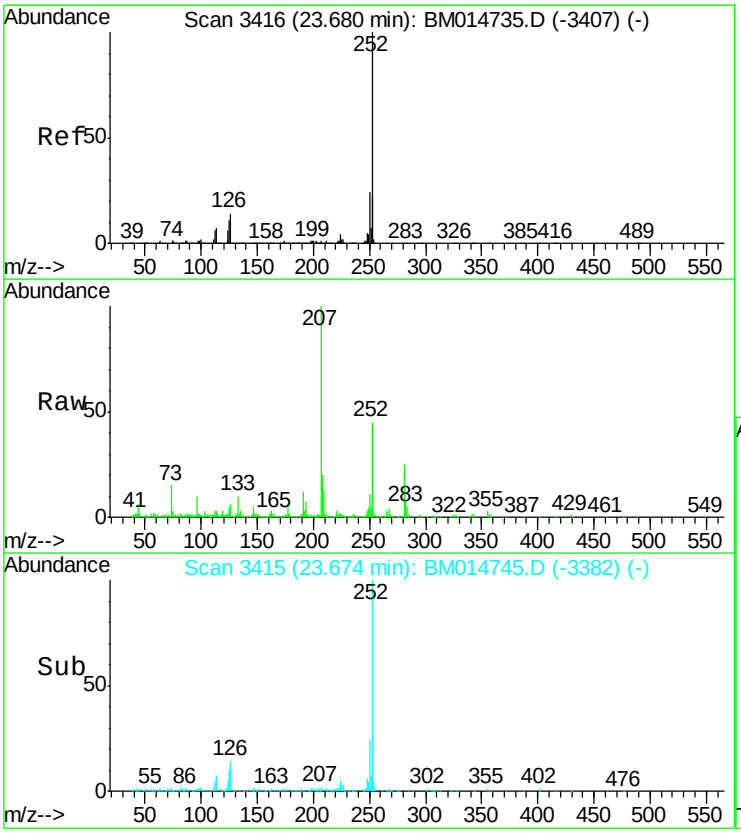
#82
Chrysene
Concen: 2.185 ng/ul
RT: 21.98 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BM014745.D
Acq: 19 Apr 2018 22:06

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tgt Ion:228 Resp: 157473

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.4	35.2
229	21.5	15.5	23.3

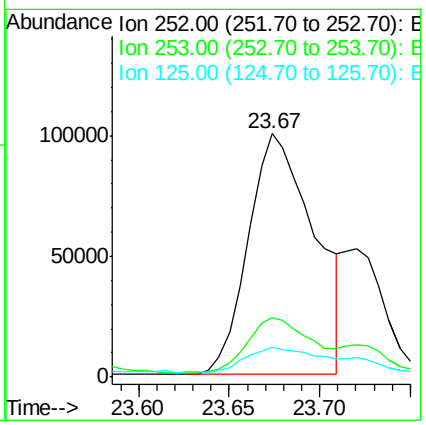


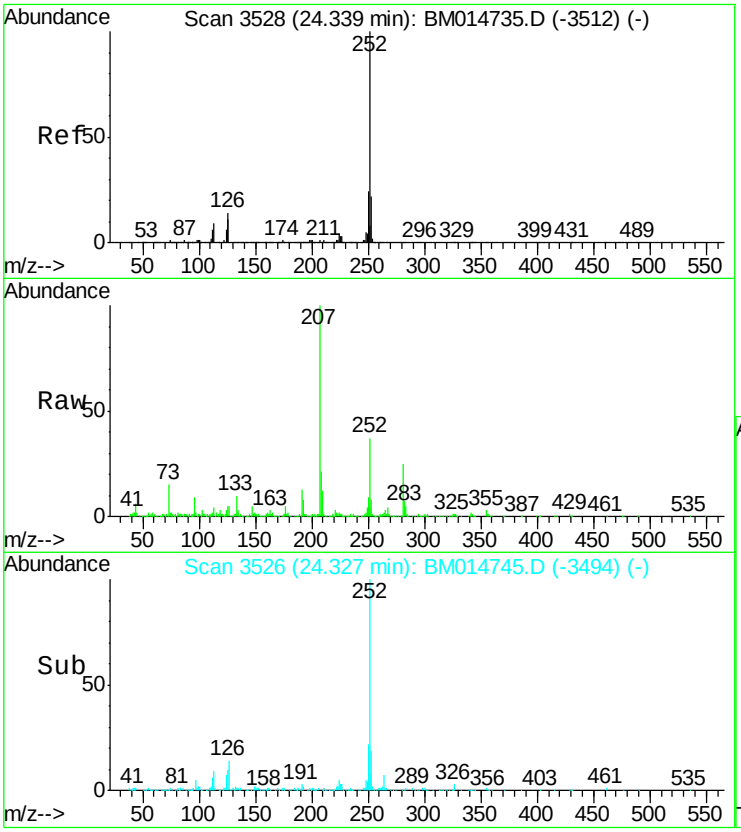


#85
Benzo(b)fluoranthene
Concen: 3.220 ng/ul
RT: 23.67 min Scan# 3415
Delta R.T. -0.01 min
Lab File: BM014745.D
Acq: 19 Apr 2018 22:06

Tgt Ion:252 Resp: 252873

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.9	26.9
125	12.3	3.6	5.4#



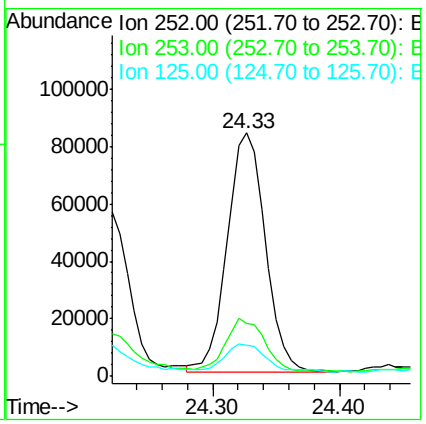


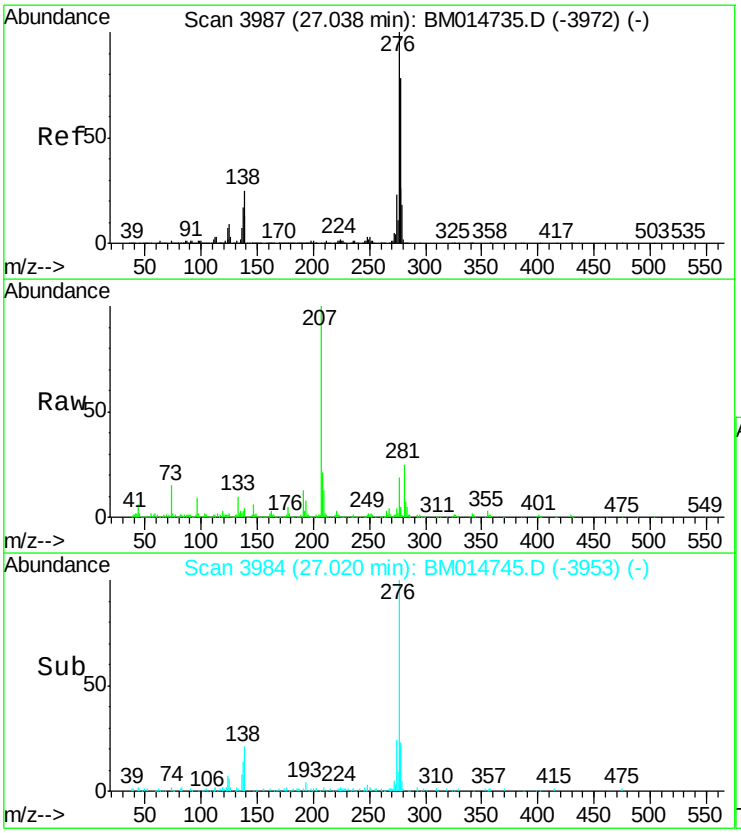
#88
Benzo(a)pyrene
Concen: 2.316 ng/ul
RT: 24.33 min Scan# 3526
Delta R.T. -0.01 min
Lab File: BM014745.D
Acq: 19 Apr 2018 22:06

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tgt Ion:252 Resp: 172531

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	12.8	4.0	6.0#

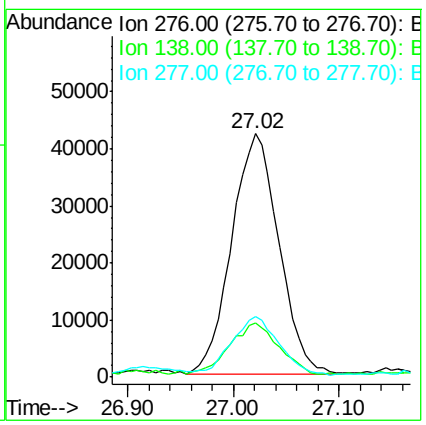


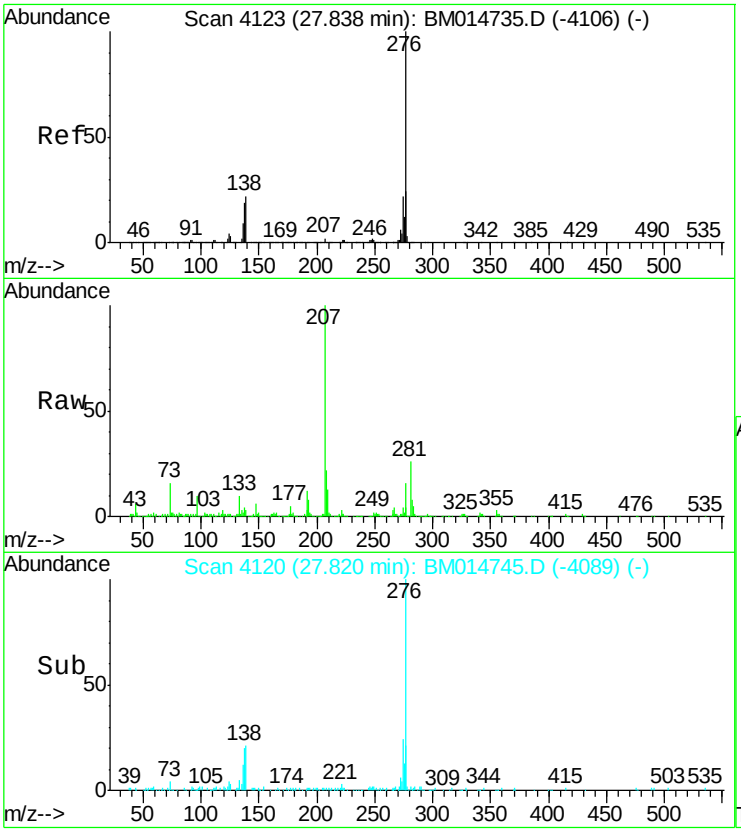


#89
Indeno(1,2,3-cd)pyrene
Concen: 1.444 ng/ul
RT: 27.02 min Scan# 3984
Delta R.T. -0.02 min
Lab File: BM014745.D
Acq: 19 Apr 2018 22:06

Tgt Ion:276 Resp: 130117

Ion	Ratio	Lower	Upper
276	100		
138	22.4	9.3	13.9#
277	25.1	19.9	29.9





#91
Benzo(g,h,i)perylene
Concen: 1.715 ng/ul
RT: 27.82 min Scan# 4120
Delta R.T. -0.02 min
Lab File: BM014745.D
Acq: 19 Apr 2018 22:06

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tgt Ion:276 Resp: 127129

Ion	Ratio	Lower	Upper
276	100		
138	21.9	8.5	12.7#
277	22.6	18.6	28.0