Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014958.D
Acq On : 04 May 2018 00:28
Operator : SJ/JU
Sample : J2554-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF2

Quant Time: May 04 06:49:22 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 04 05:51:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	400128	20.00	ng/ul	0.00
18) Naphthalene-d8	11.33	136	1603019	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	784566	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.81	188	1555651	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1543270	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	1698085	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	33732	3.68	ng/uL	0.00
5) Phenol-d5	7.62	99	622278	20.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.79	67	436050	21.98	ng/ul	0.00
9) 2-Chlorophenol-d4	8.01	132	525981	20.33	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	431415	17.49	ng/ul	0.00
19) Nitrobenzene-d5	9.67	128	233829	20.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	237483	20.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	431291	18.39	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	561014	24.24	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	1214030	19.82	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	1454218	19.23	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	171335	15.07	ng/ul	0.00
57) Fluorene-d10	16.07	176	1029027	19.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	113953	13.54	ng/ul	0.00
70) Anthracene-d10	17.91	188	1462567	20.17	ng/ul	0.00
76) Pyrene-d10	20.15	212	1531996	20.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.21	264	1820065	21.82	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.65	94	44299	1.456	ng/ul#	85
44) Dimethylphthalate	14.53	163	280337	4.735	ng/ul	99
69) Phenanthrene	17.85	178	156586	1.874	ng/ul	97
74) Fluoranthene	19.82	202	386144	4.239	ng/ul#	83
77) Pyrene	20.17	202	339272	3.763	ng/ul#	76
80) Benzo(a)anthracene	21.88	228	196626	2.179	ng/ul	97
82) Chrysene	21.94	228	195078	2.309	ng/ul	98
85) Benzo(b)fluoranthene	23.62	252	291526	2.912	ng/ul#	93
88) Benzo(a)pyrene	24.27	252	206736	2.177	ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	26.93	276	157491	1.371	ng/ul#	88
91) Benzo(g,h,i)perylene	27.73	276	152107	1.610	ng/ul#	86

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

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Instrument :
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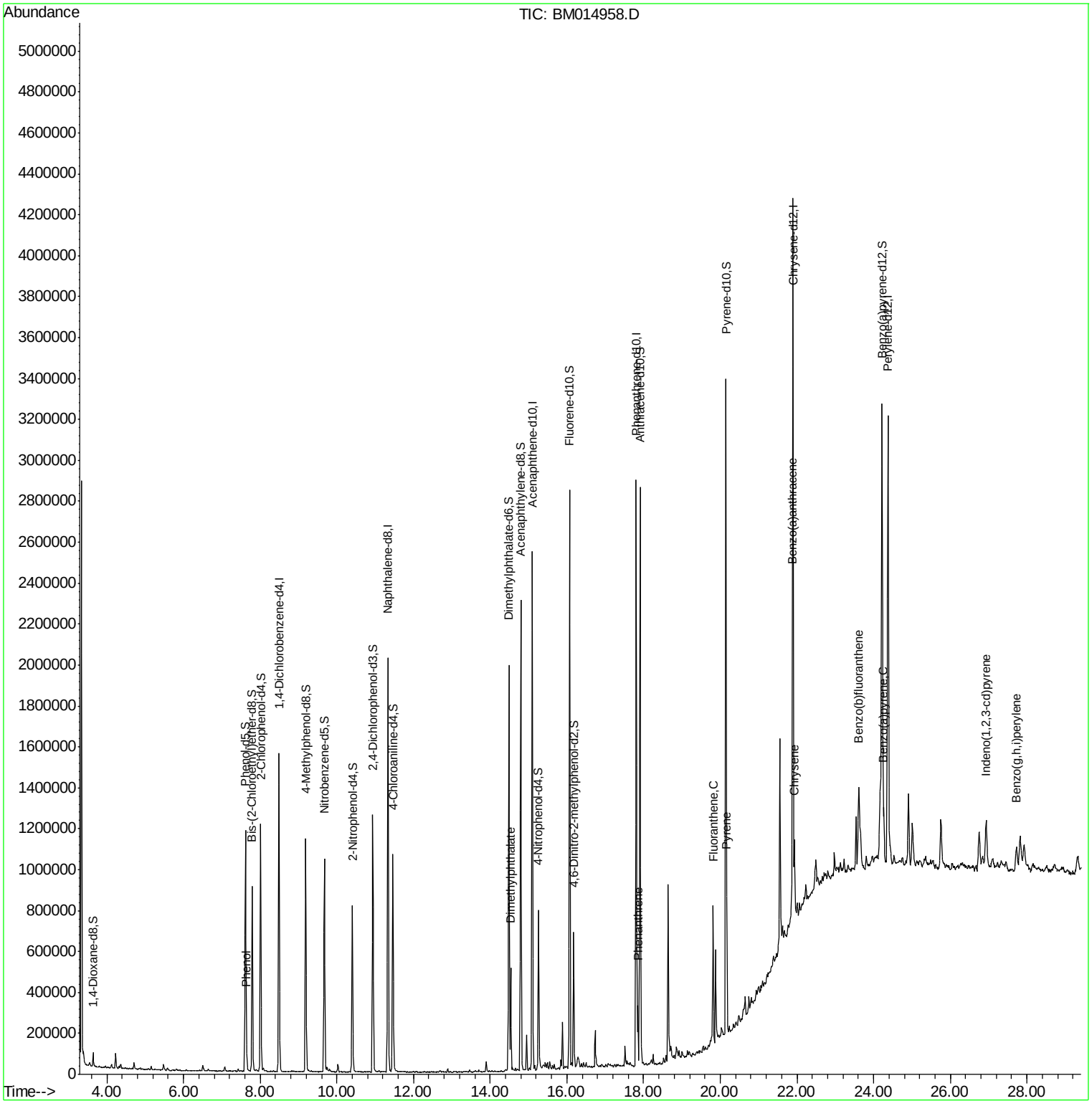
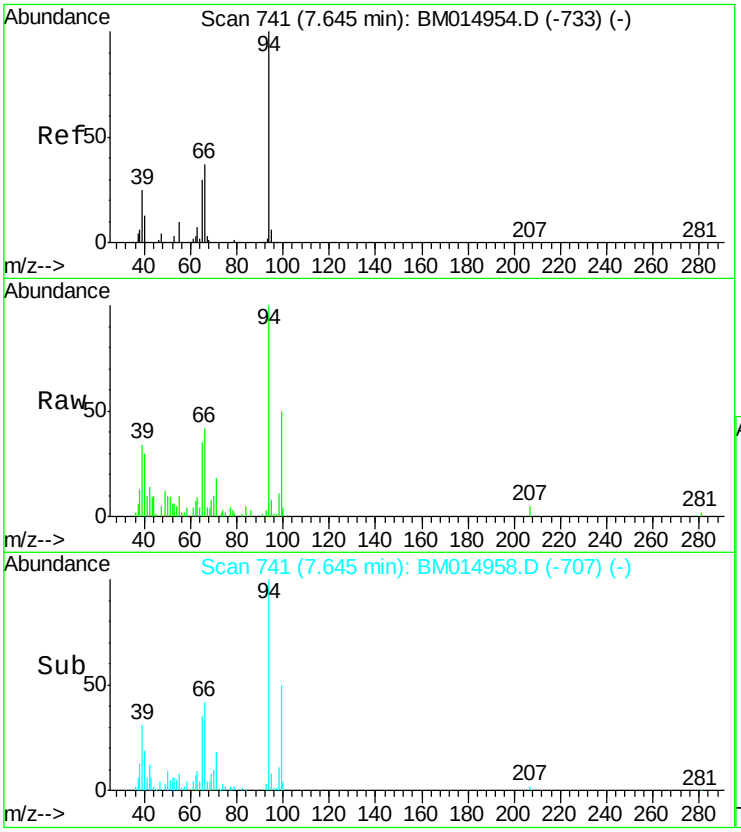


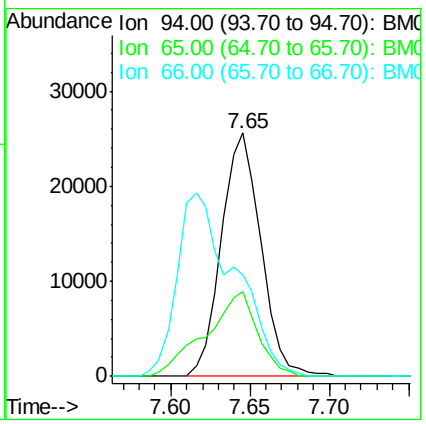


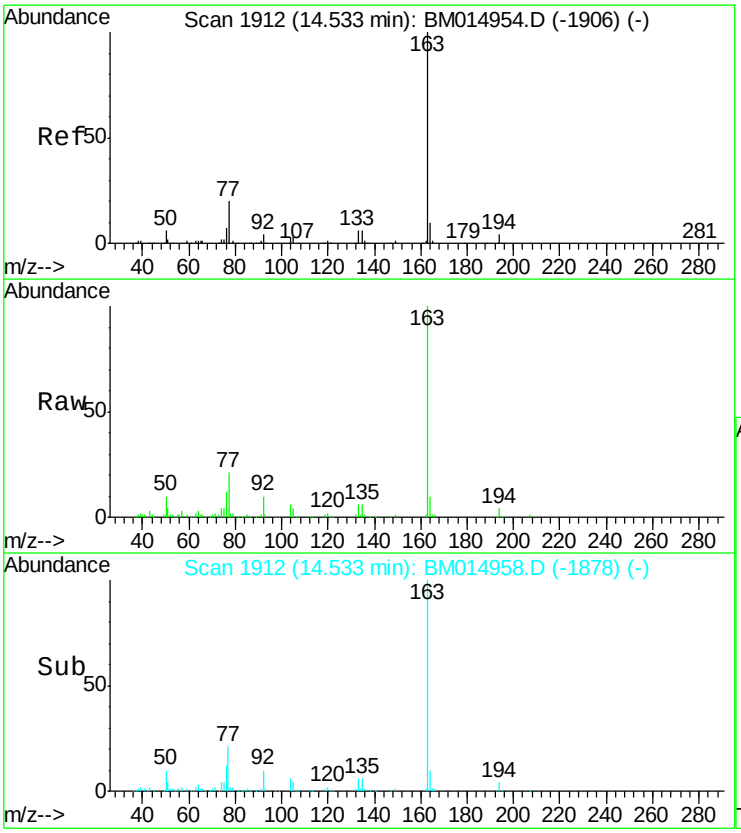
#6
Phenol
Concen: 1.456 ng/ul
RT: 7.65 min Scan# 741
Delta R.T. -0.00 min
Lab File: BM014958.D
Acq: 04 May 2018 00:28

Instrument :
BNA_M
ClientSampleId :
C0AF2

Tgt Ion: 94 Resp: 44299

Ion	Ratio	Lower	Upper
94	100		
65	34.8	28.2	42.4
66	41.6	47.2	70.8#

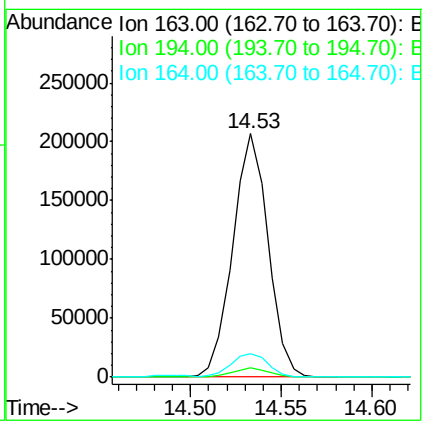


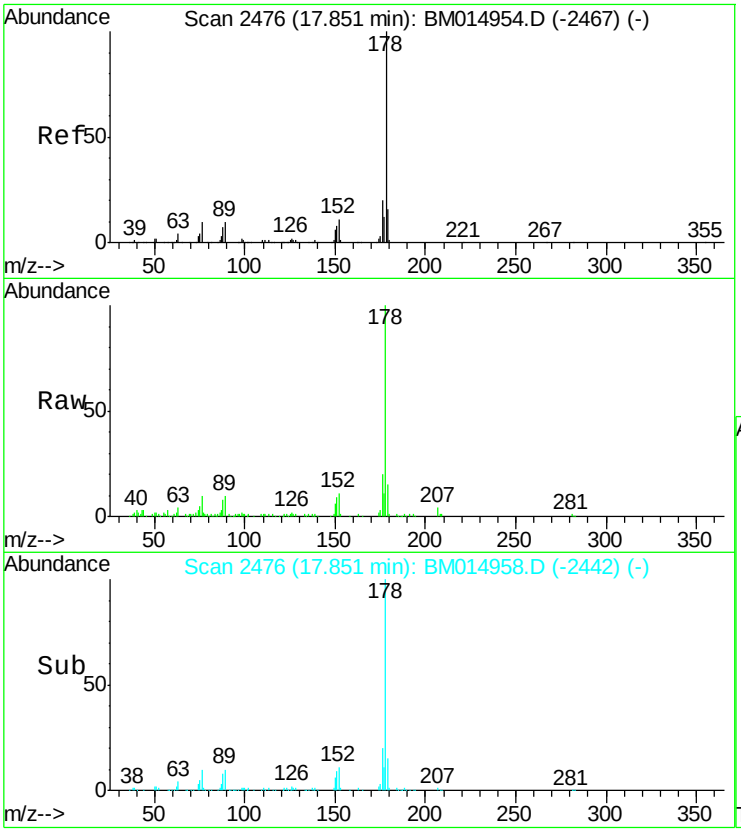


#44
Dimethylphthalate
Concen: 4.735 ng/ul
RT: 14.53 min Scan# 1912
Delta R.T. -0.00 min
Lab File: BM014958.D
Acq: 04 May 2018 00:28

Tgt Ion:163 Resp: 280337

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	9.8	8.2	12.4



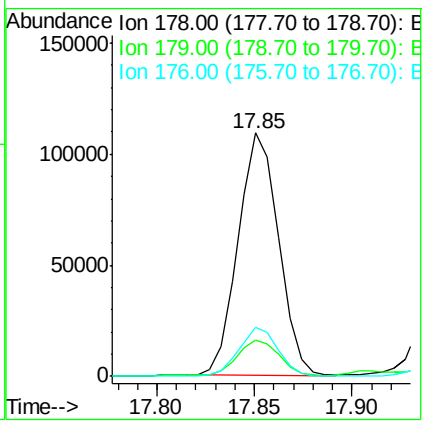


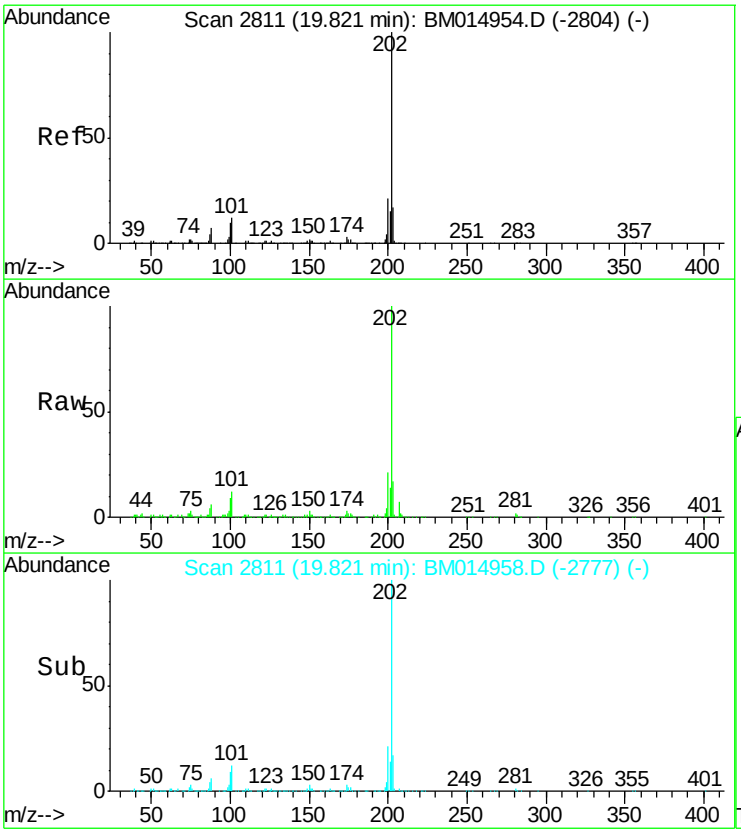
#69
Phenanthrene
Concen: 1.874 ng/ul
RT: 17.85 min Scan# 2476
Delta R.T. -0.00 min
Lab File: BM014958.D
Acq: 04 May 2018 00:28

Instrument :
BNA_M
ClientSampleId :
C0AF2

Tgt Ion:178 Resp: 156586

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.6	19.0
176	20.1	14.9	22.3

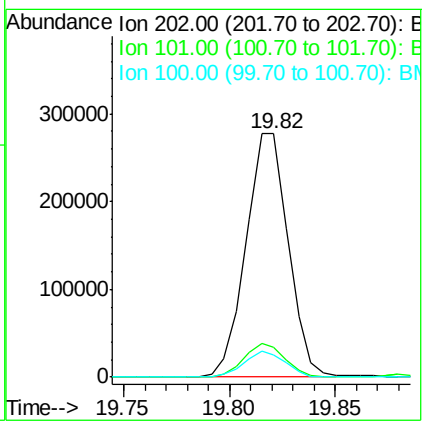


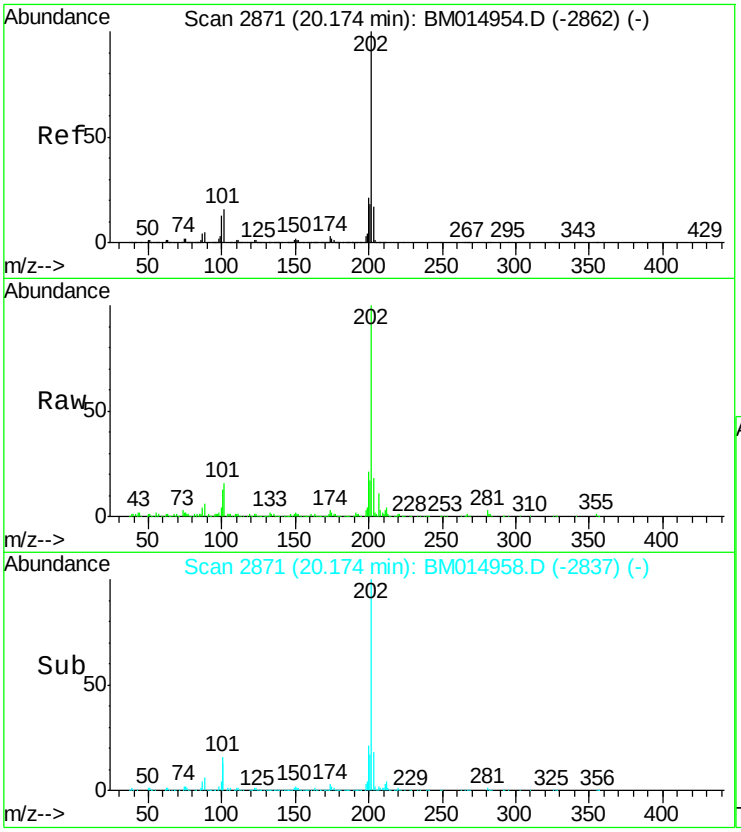


#74
Fluoranthene
Concen: 4.239 ng/ul
RT: 19.82 min Scan# 2811
Delta R.T. -0.00 min
Lab File: BM014958.D
Acq: 04 May 2018 00:28

Tgt Ion:202 Resp: 386144

Ion	Ratio	Lower	Upper
202	100		
101	12.4	4.6	7.0#
100	9.0	3.4	5.2#



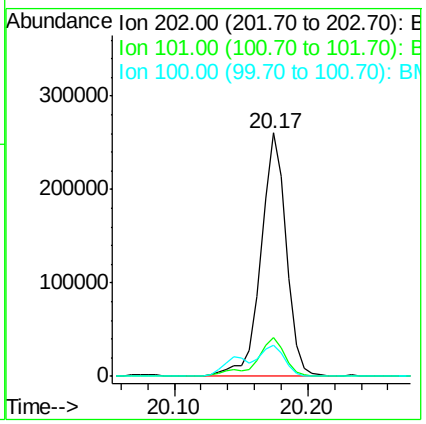


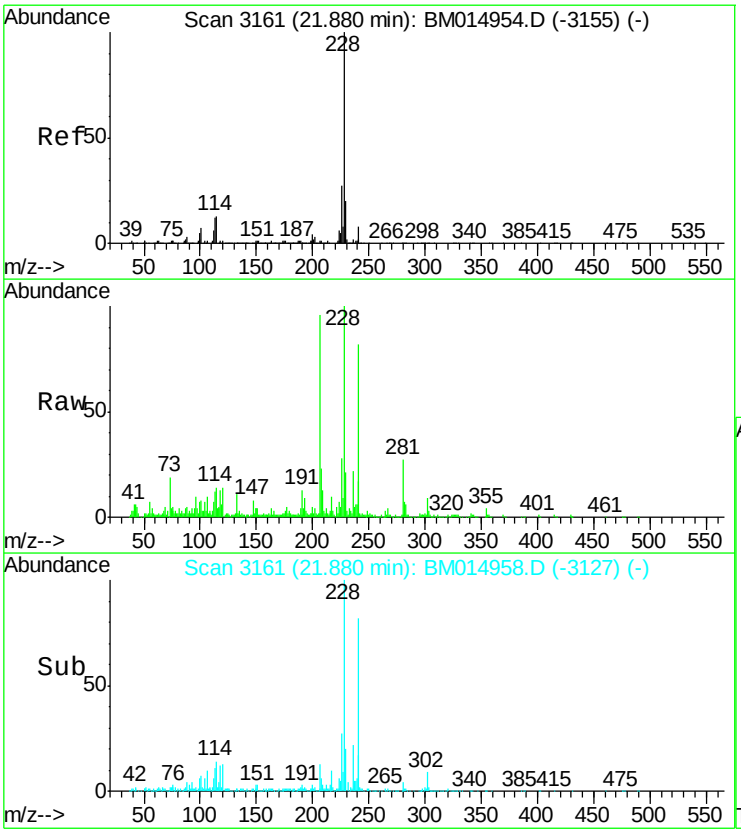
#77
Pyrene
Concen: 3.763 ng/ul
RT: 20.17 min Scan# 2871
Delta R.T. -0.00 min
Lab File: BM014958.D
Acq: 04 May 2018 00:28

Instrument :
BNA_M
ClientSampleId :
C0AF2

Tgt Ion:202 Resp: 339272

Ion	Ratio	Lower	Upper
202	100		
101	15.8	5.1	7.7#
100	12.8	4.9	7.3#

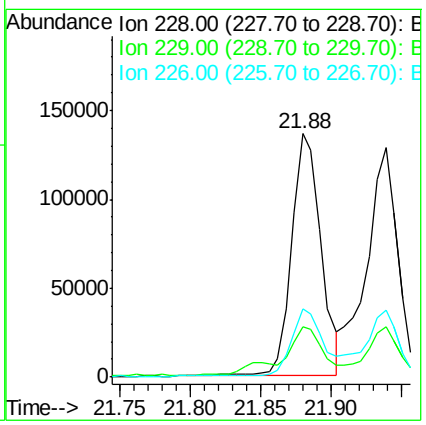


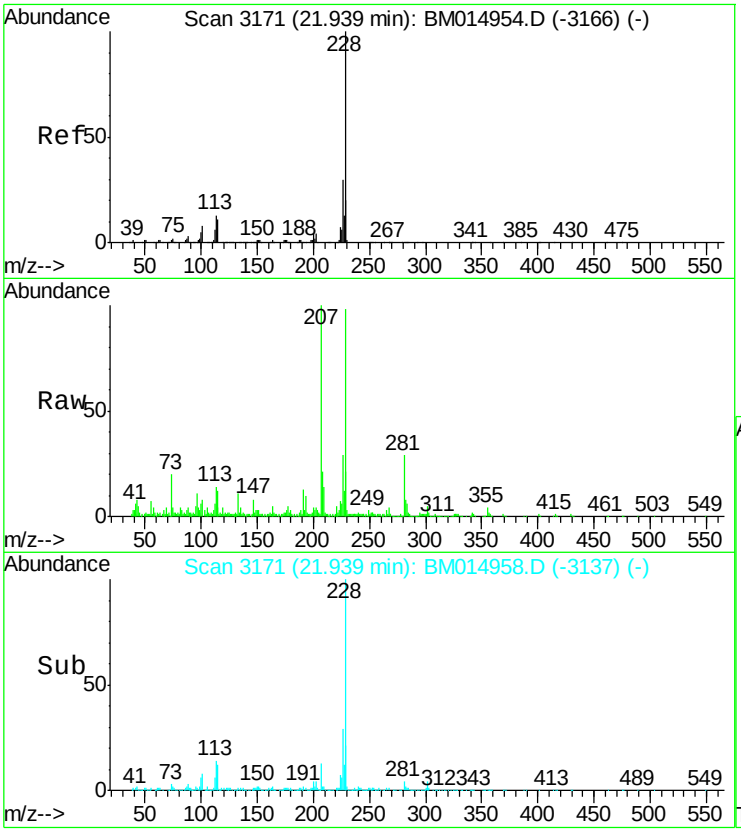


#80
Benzo(a)anthracene
Concen: 2.179 ng/ul
RT: 21.88 min Scan# 3161
Delta R.T. -0.00 min
Lab File: BM014958.D
Acq: 04 May 2018 00:28

Tgt Ion:228 Resp: 196626

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.4	23.0
226	27.9	21.4	32.0



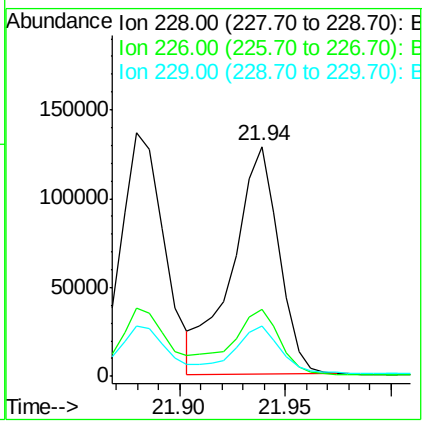


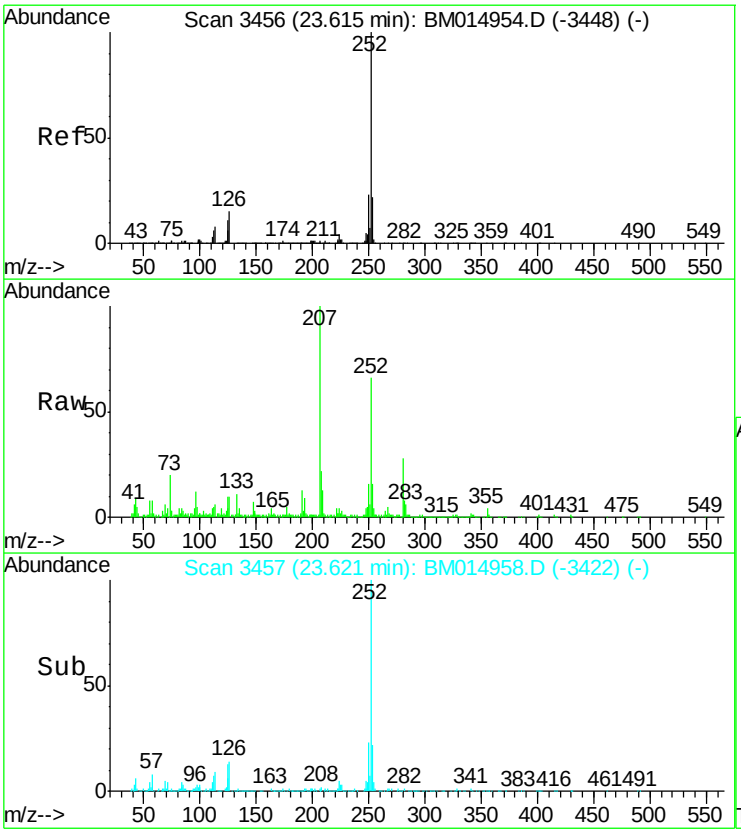
#82
Chrysene
Concen: 2.309 ng/ul
RT: 21.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BM014958.D
Acq: 04 May 2018 00:28

Instrument :
BNA_M
ClientSampleId :
C0AF2

Tgt Ion:228 Resp: 195078

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	21.9	15.5	23.3

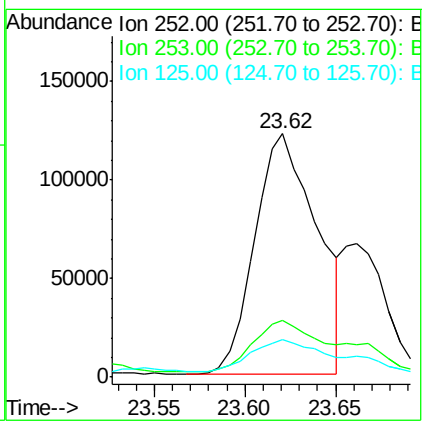


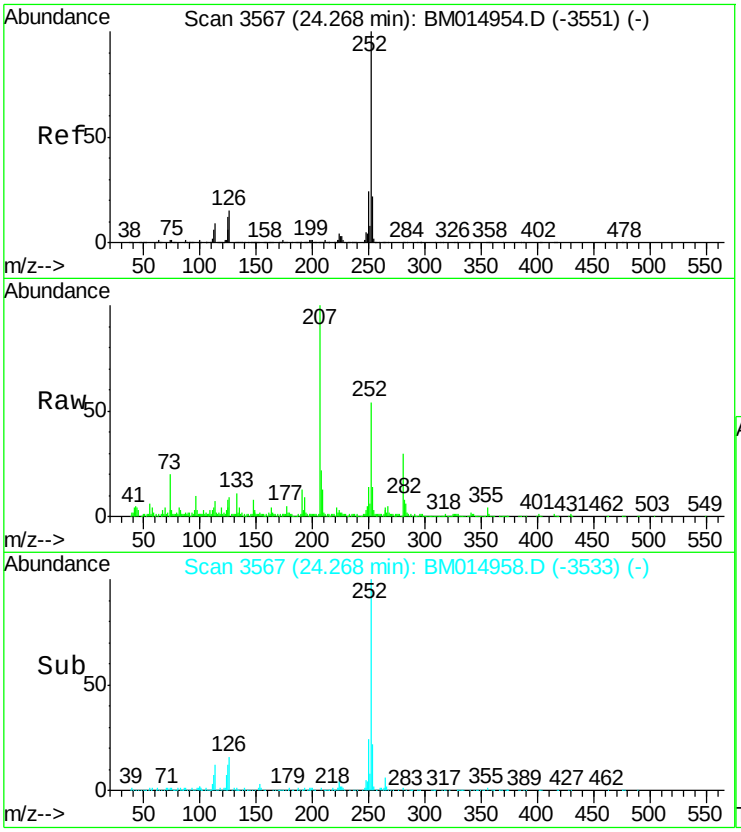


#85
Benzo(b)fluoranthene
Concen: 2.912 ng/ul
RT: 23.62 min Scan# 3457
Delta R.T. 0.01 min
Lab File: BM014958.D
Acq: 04 May 2018 00:28

Tgt Ion:252 Resp: 291526

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	15.2	3.6	5.4#



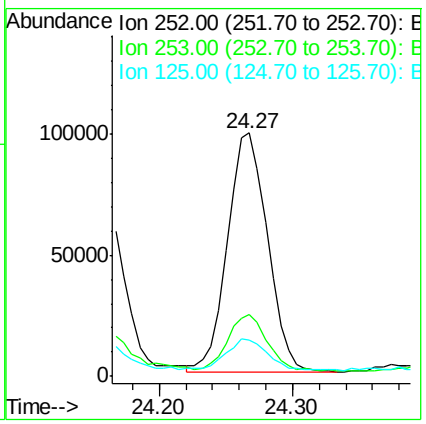


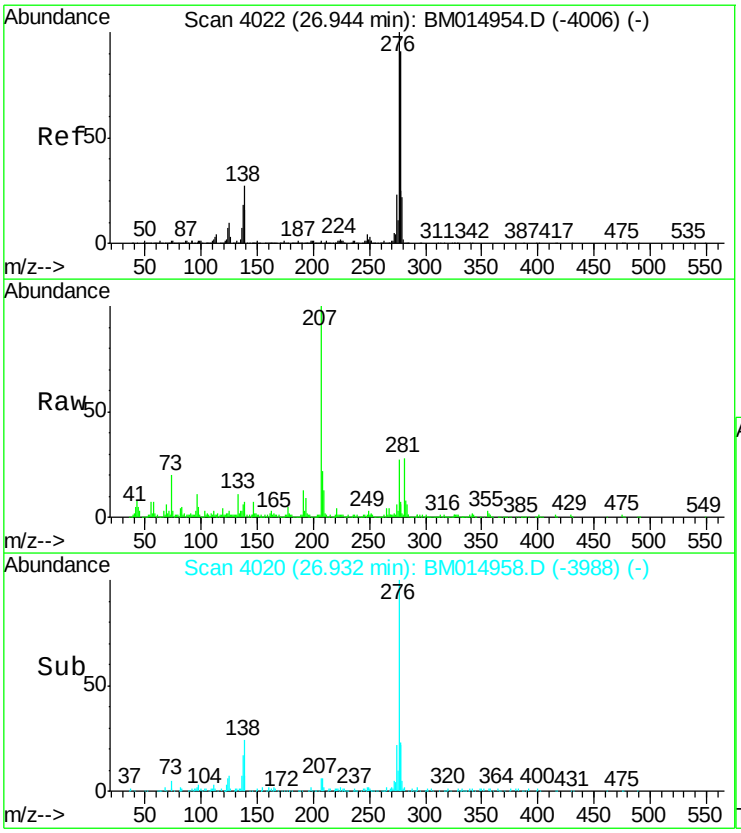
#88
Benzo(a)pyrene
Concen: 2.177 ng/ul
RT: 24.27 min Scan# 3567
Delta R.T. -0.00 min
Lab File: BM014958.D
Acq: 04 May 2018 00:28

Instrument :
BNA_M
ClientSampleId :
C0AF2

Tgt Ion:252 Resp: 206736

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.2	27.2
125	15.0	4.0	6.0#

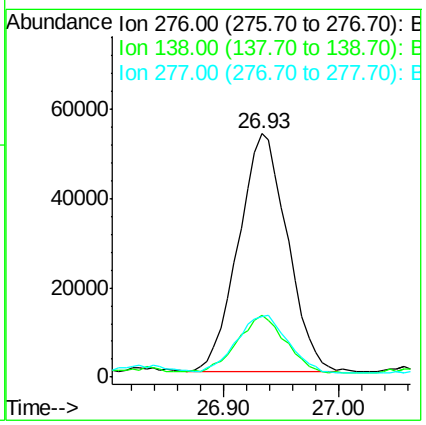


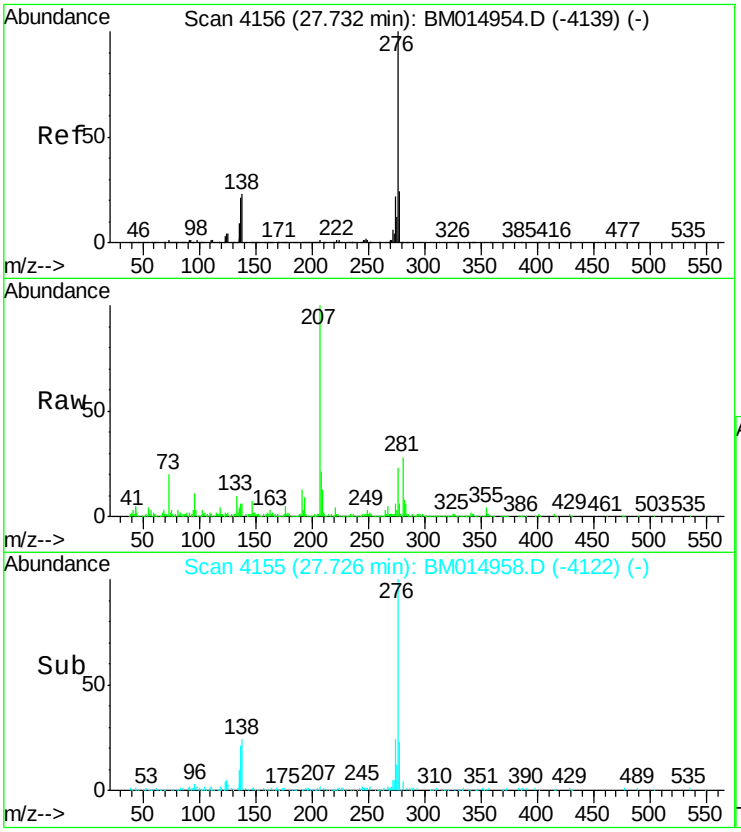


#89
Indeno(1,2,3-cd)pyrene
Concen: 1.371 ng/ul
RT: 26.93 min Scan# 4020
Delta R.T. -0.01 min
Lab File: BM014958.D
Acq: 04 May 2018 00:28

Tgt Ion:276 Resp: 157491

Ion	Ratio	Lower	Upper
276	100		
138	25.5	9.3	13.9#
277	25.0	19.9	29.9





#91
Benzo(g,h,i)perylene
Concen: 1.610 ng/ul
RT: 27.73 min Scan# 4155
Delta R.T. -0.01 min
Lab File: BM014958.D
Acq: 04 May 2018 00:28

Instrument :
BNA_M
ClientSampleId :
C0AF2

Tgt Ion:276 Resp: 152107

Ion	Ratio	Lower	Upper
276	100		
138	25.6	8.5	12.7#
277	24.7	18.6	28.0