Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014820.D
Acq On : 24 Apr 2018 21:26
Operator : SJ/JU
Sample : J2431-10DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP1DL

Quant Time: Apr 25 02:34:07 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 02:07:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	490028	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	2124504	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	1212817	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	2727412	20.00	ng/ul	0.00
75) Chrysene-d12	21.93	240	2982088	20.00	ng/ul	0.00
83) Perylene-d12	24.41	264	3018389	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.66	96	13075	1.17	ng/uL	0.00
5) Phenol-d5	7.65	99	218935	5.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.82	67	156382	6.44	ng/ul	0.00
9) 2-Chlorophenol-d4	8.04	132	183292	5.78	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	166668	5.52	ng/ul	0.00
19) Nitrobenzene-d5	9.70	128	82071	5.34	ng/ul	0.00
22) 2-Nitrophenol-d4	10.43	143	75035	4.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	154084	4.96	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	239811	7.82	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	562987	5.95	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	581377	4.97	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	49828	2.84	ng/ul	0.00
57) Fluorene-d10	16.10	176	491505	5.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	33857	2.29	ng/ul	0.00
70) Anthracene-d10	17.93	188	728164	5.73	ng/ul	0.00
76) Pyrene-d10	20.17	212	829304	5.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.25	264	908701	6.13	ng/ul	0.00
Target Compounds						Qvalue
49) Acenaphthene	15.19	153	183995	2.286	ng/ul	98
53) Dibenzofuran	15.52	168	261298	2.338	ng/ul	97
58) Fluorene	16.16	166	377406	4.182	ng/ul	98
69) Phenanthrene	17.88	178	2528537	17.263	ng/ul	99
71) Anthracene	17.97	178	418426	2.815	ng/ul	99
74) Fluoranthene	19.84	202	1483591	9.290	ng/ul#	84
77) Pyrene	20.20	202	1061827	6.094	ng/ul#	80
80) Benzo(a)anthracene	21.91	228	350640	2.011	ng/ul	98
82) Chrysene	21.96	228	302960	1.856	ng/ul	98

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

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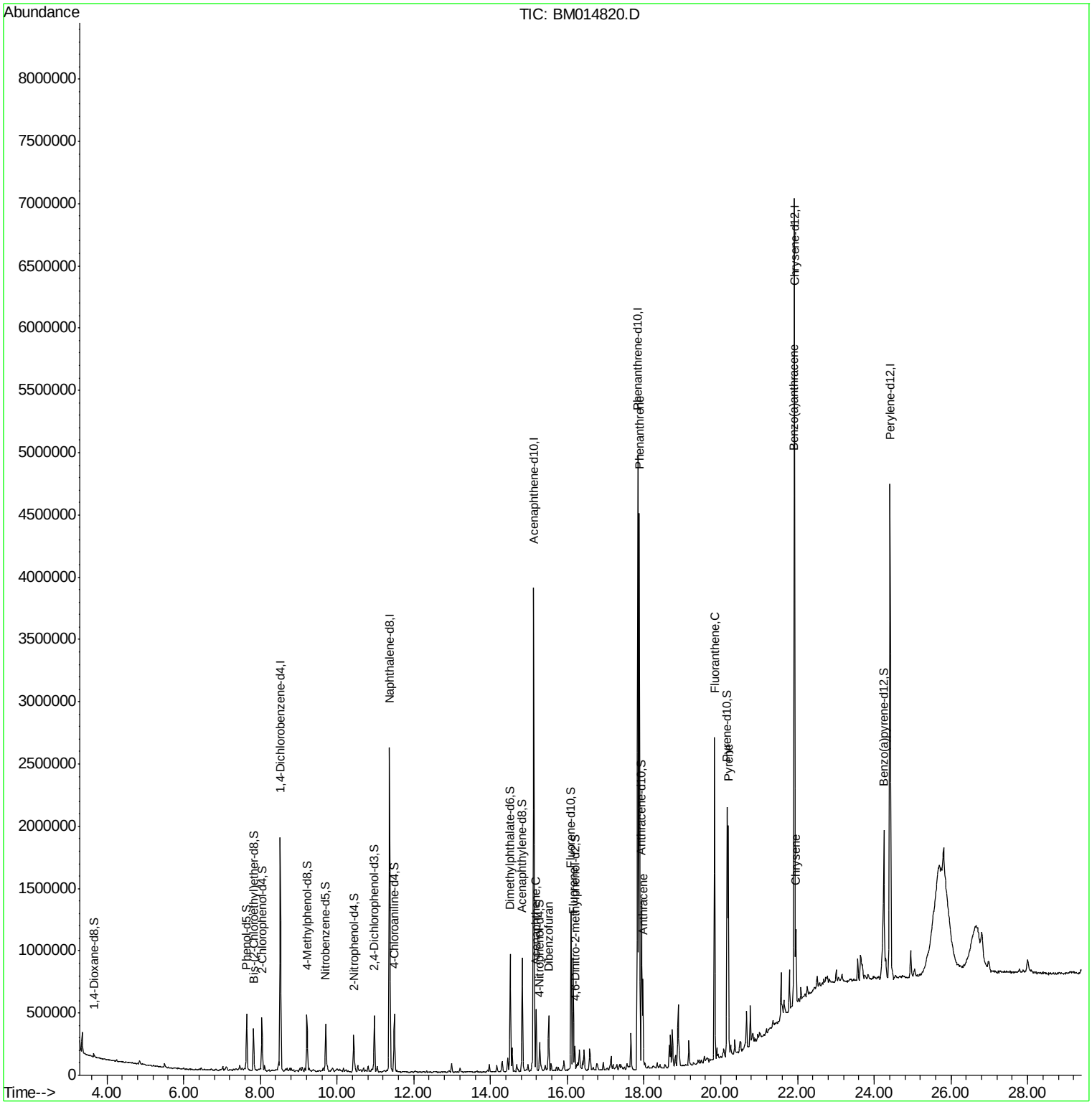
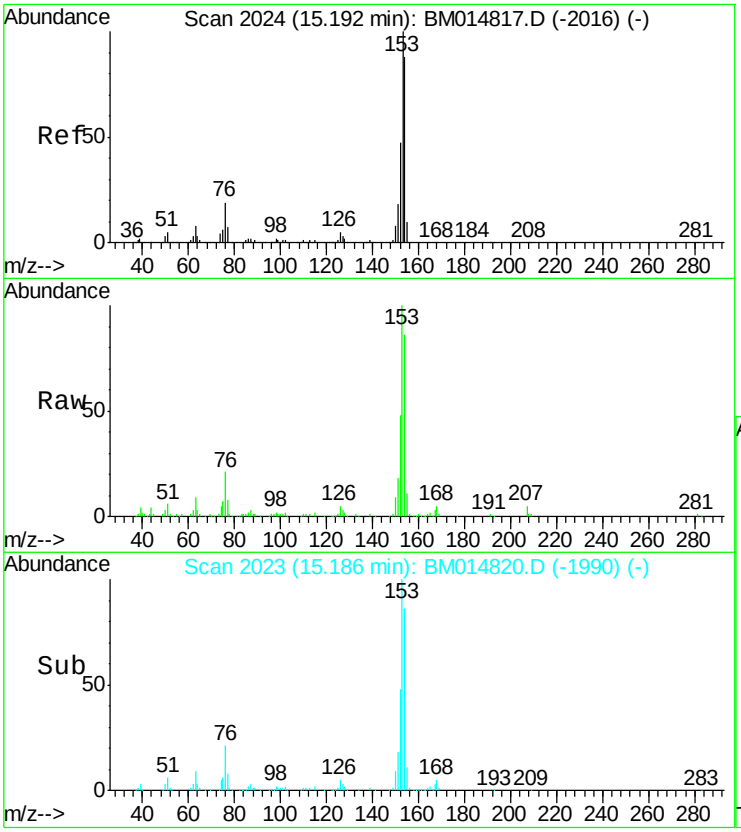


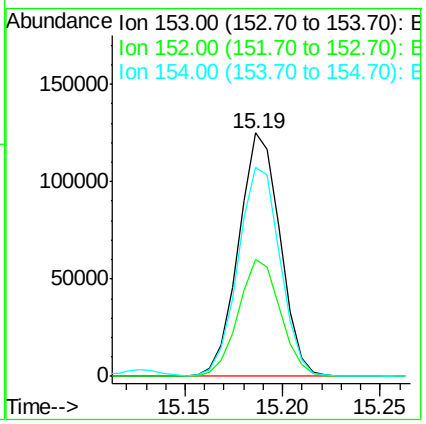


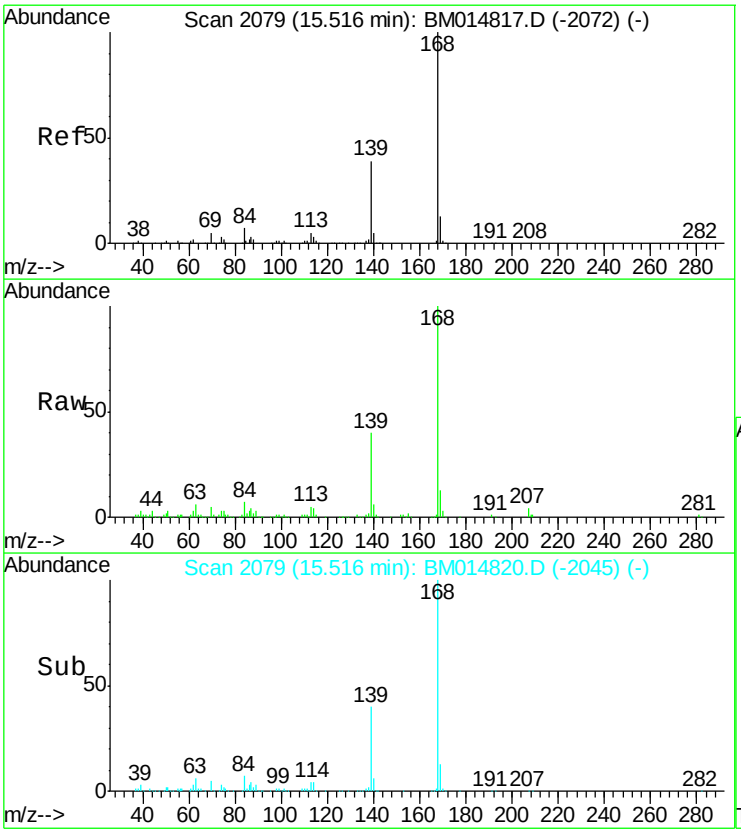
#49
Acenaphthene
Concen: 2.286 ng/ul
RT: 15.19 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BM014820.D
Acq: 24 Apr 2018 21:26

Instrument :
BNA_M
ClientSampleId :
DASP1DL

Tgt Ion:153 Resp: 183995

Ion	Ratio	Lower	Upper
153	100		
152	47.9	37.6	56.4
154	85.8	70.4	105.6

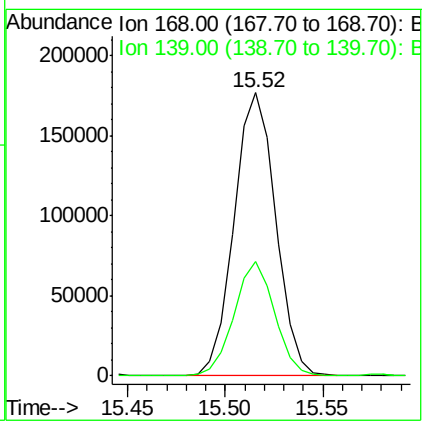


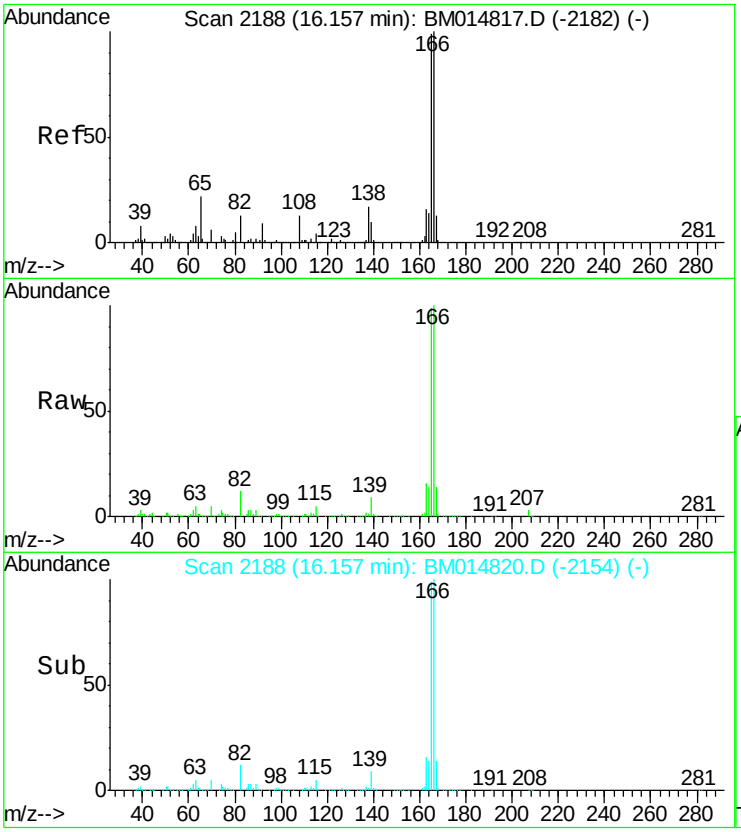


#53
Dibenzofuran
Concen: 2.338 ng/ul
RT: 15.52 min Scan# 2079
Delta R.T. -0.00 min
Lab File: BM014820.D
Acq: 24 Apr 2018 21:26

Tgt Ion:168 Resp: 261298

Ion	Ratio	Lower	Upper
168	100		
139	40.2	30.8	46.2



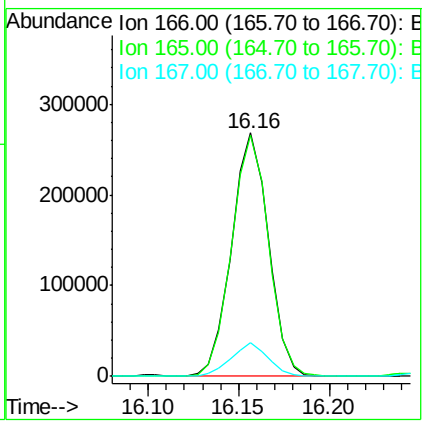


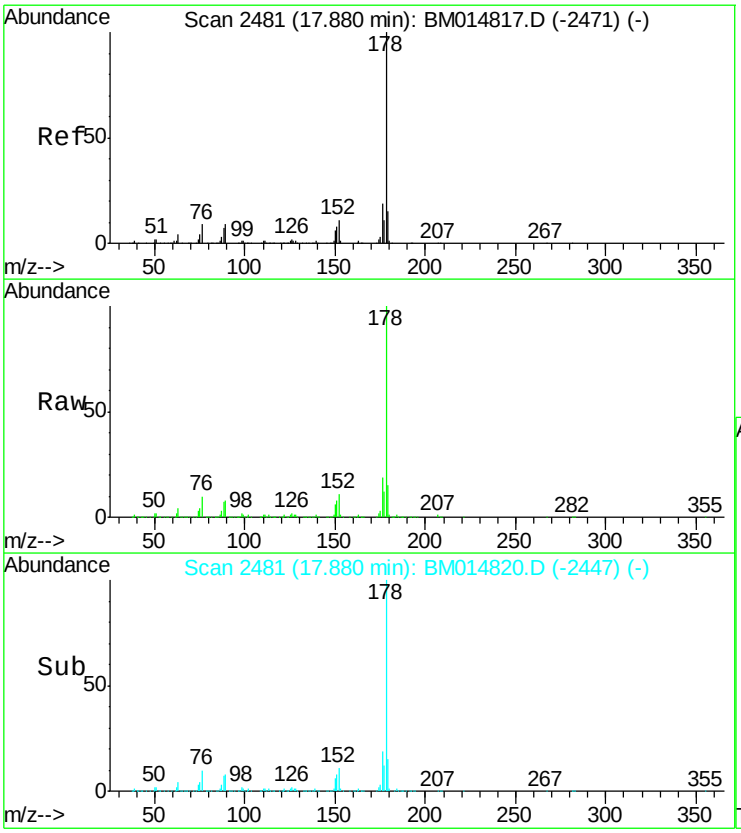
#58
Fluorene
Concen: 4.182 ng/ul
RT: 16.16 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BM014820.D
Acq: 24 Apr 2018 21:26

Instrument :
BNA_M
ClientSampleId :
DASP1DL

Tgt Ion:166 Resp: 377406

Ion	Ratio	Lower	Upper
166	100		
165	99.2	77.9	116.9
167	13.8	10.6	16.0

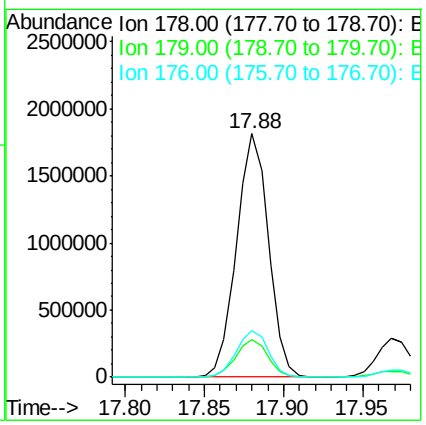


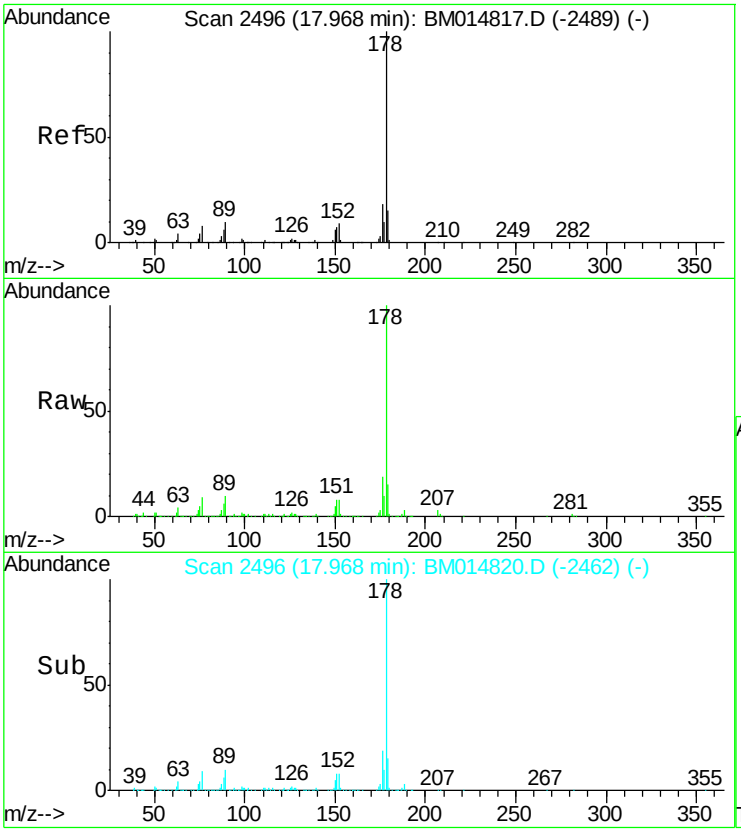


#69
Phenanthrene
Concen: 17.263 ng/ul
RT: 17.88 min Scan# 2481
Delta R.T. -0.00 min
Lab File: BM014820.D
Acq: 24 Apr 2018 21:26

Tgt Ion:178 Resp: 2528537

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	19.2	14.9	22.3



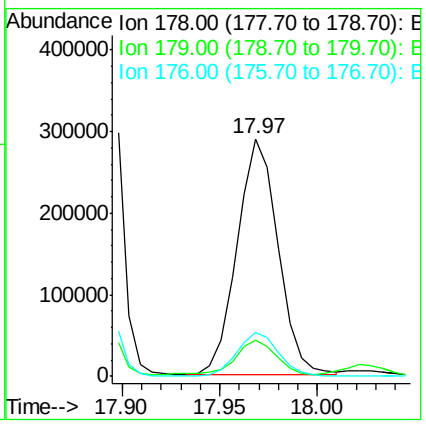


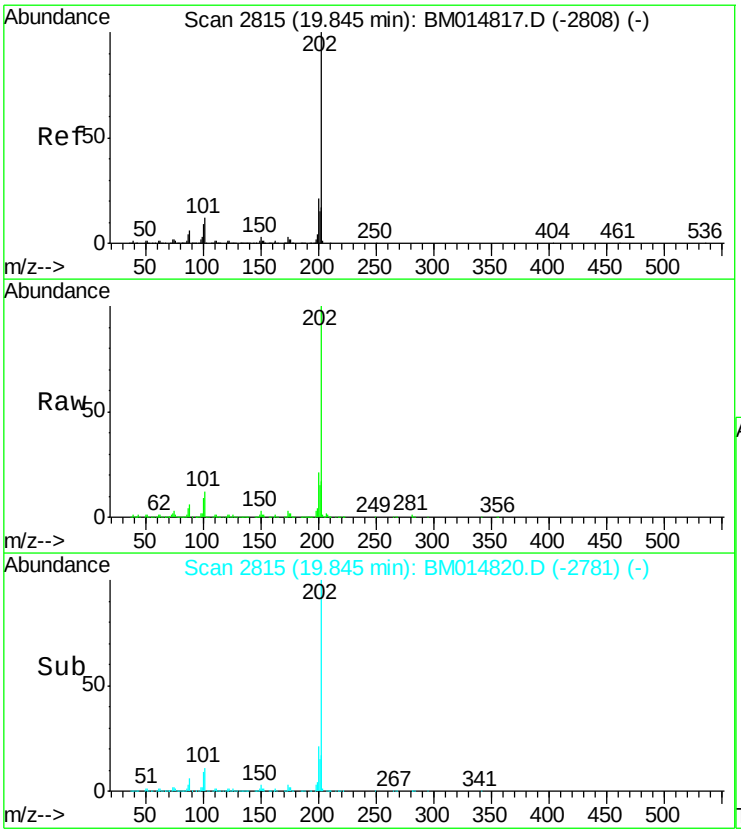
#71
Anthracene
Concen: 2.815 ng/ul
RT: 17.97 min Scan# 2496
Delta R.T. -0.00 min
Lab File: BM014820.D
Acq: 24 Apr 2018 21:26

Instrument :
BNA_M
ClientSampleId :
DASP1DL

Tgt Ion:178 Resp: 418426

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.7	17.5
176	18.5	14.6	21.8

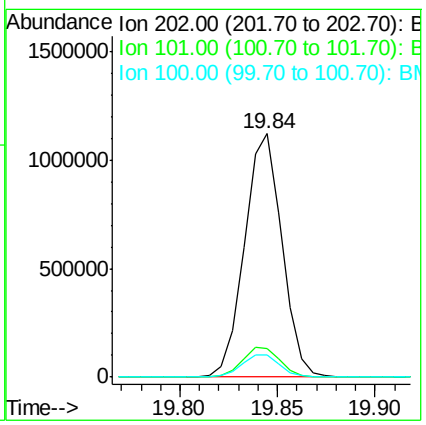


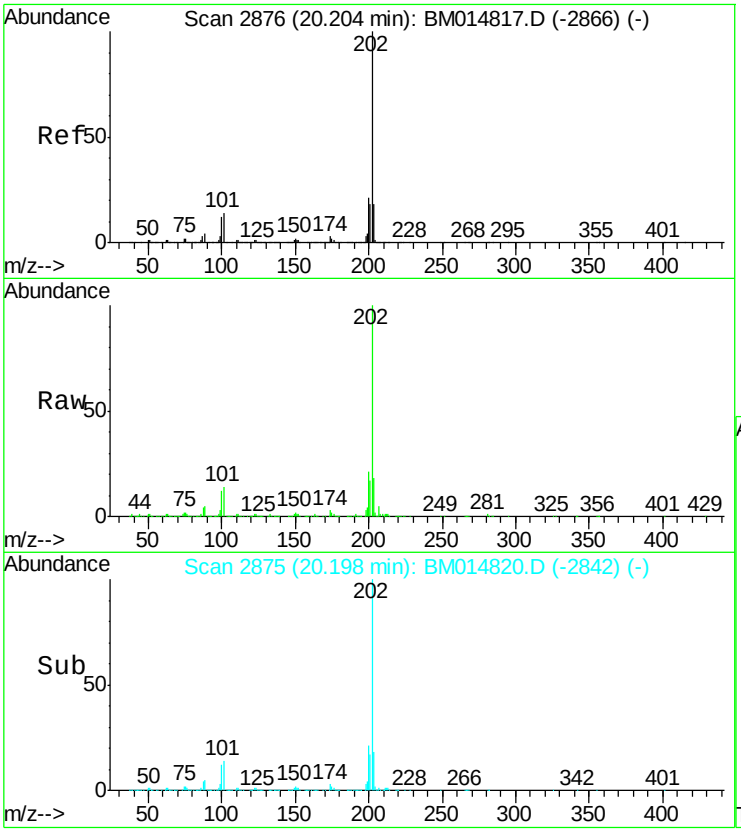


#74
Fluoranthene
Concen: 9.290 ng/ul
RT: 19.84 min Scan# 2815
Delta R.T. -0.00 min
Lab File: BM014820.D
Acq: 24 Apr 2018 21:26

Tgt Ion:202 Resp: 1483591

Ion	Ratio	Lower	Upper
202	100		
101	11.5	4.6	7.0#
100	8.9	3.4	5.2#



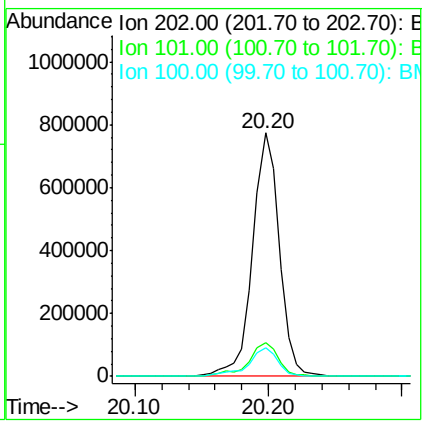


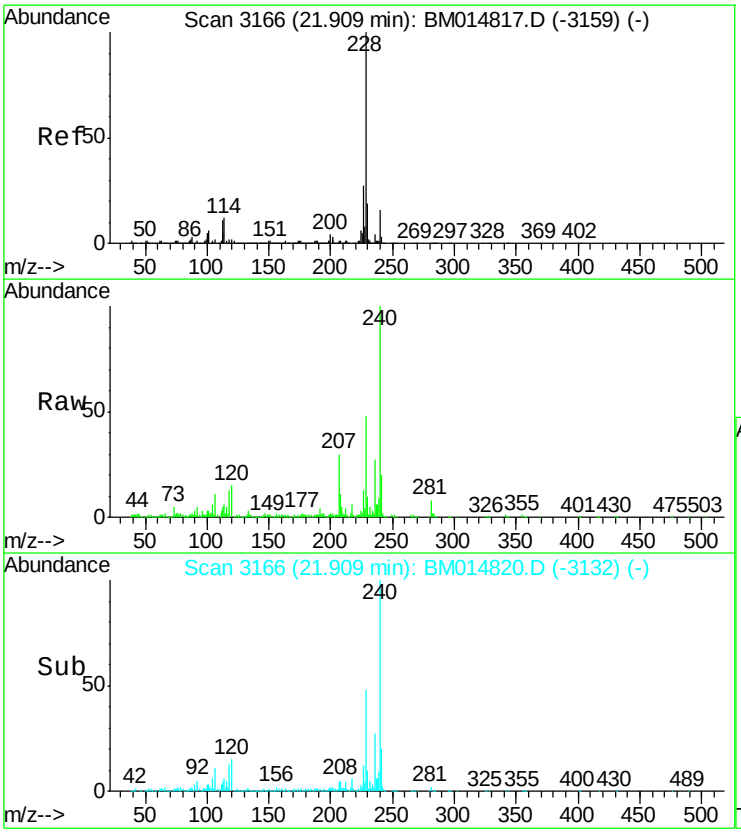
#77
Pyrene
Concen: 6.094 ng/ul
RT: 20.20 min Scan# 2875
Delta R.T. -0.01 min
Lab File: BM014820.D
Acq: 24 Apr 2018 21:26

Instrument :
BNA_M
ClientSampleId :
DASP1DL

Tgt Ion:202 Resp: 1061827

Ion	Ratio	Lower	Upper
202	100		
101	14.0	5.1	7.7#
100	12.0	4.9	7.3#

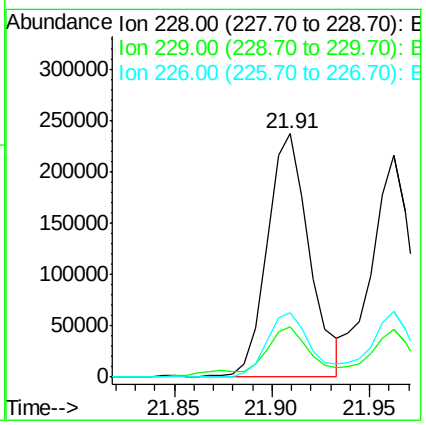


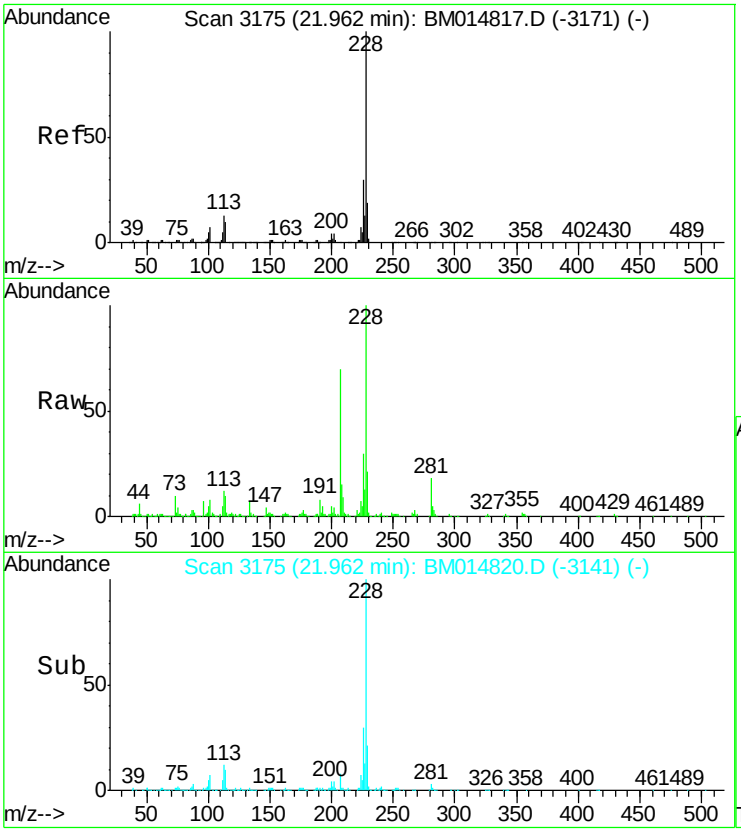


#80
Benzo(a)anthracene
Concen: 2.011 ng/ul
RT: 21.91 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BM014820.D
Acq: 24 Apr 2018 21:26

Tgt Ion:228 Resp: 350640

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.4	23.0
226	26.3	21.4	32.0





#82
Chrysene
Concen: 1.856 ng/ul
RT: 21.96 min Scan# 3175
Delta R.T. -0.00 min
Lab File: BM014820.D
Acq: 24 Apr 2018 21:26

Instrument :
BNA_M
ClientSampleId :
DASP1DL

Tgt Ion:228 Resp: 302960

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	21.4	15.5	23.3