Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
Data File : BM011697.D
Acq On : 22 Sep 2017 17:58
Operator : SJ/JU
Sample : I5283-12DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Sep 22 23:55:37 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 23:48:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	372652	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	1678833	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	900044	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1844847	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1273039	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1241440	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	7096	0.86	ng/uL	0.00
5) Phenol-d5	7.11	99	133767	3.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	111427	4.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	119250	4.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	112986	4.04	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	108	0.01	ng/ul	0.11
22) 2-Nitrophenol-d4	9.85	143	58823	4.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	110492	4.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	51224	1.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	370919	4.87	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	448744	4.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	6300	0.44	ng/ul	0.01
58) Fluorene-d10	15.58	176	322006	4.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	12734	1.19	ng/ul	0.00
71) Anthracene-d10	17.43	188	476280	5.24	ng/ul	0.00
79) Pyrene-d10	19.72	212	446471	7.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	308211	5.21	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.82	128	161006	1.849	ng/ul	98
34) 2-Methylnaphthalene	12.42	142	120817	1.869	ng/ul	96
35) 1-Methylnaphthalene	12.64	142	92146	1.496	ng/ul	92
45) Dimethylphthalate	14.04	163	104236	1.431	ng/ul	99
50) Acenaphthene	14.66	153	138865	2.219	ng/ul	97
59) Fluorene	15.64	166	112496	1.533	ng/ul	99
70) Phenanthrene	17.37	178	2328002	22.639	ng/ul	99
72) Anthracene	17.46	178	362018	3.431	ng/ul	99
77) Fluoranthene	19.39	202	2272687	21.488	ng/ul#	93
80) Pyrene	19.75	202	3038561	40.910	ng/ul#	91
83) Benzo(a)anthracene	21.49	228	1018549	14.531	ng/ul	96
85) Chrysene	21.54	228	1238469	19.489	ng/ul	97
88) Benzo(b)fluoranthene	23.16	252	1368977	18.330	ng/ul#	95
89) Benzo(k)fluoranthene	23.16	252	1368977	19.086	ng/ul#	95
91) Benzo(a)pyrene	23.77	252	1091035	15.477	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	26.30	276	861651	11.112	ng/ul#	92
93) Dibenzo(a,h)anthracene	26.30	278	255185	3.881	ng/ul#	84
94) Benzo(g,h,i)perylene	27.06	276	1032663	16.444	ng/ul#	94

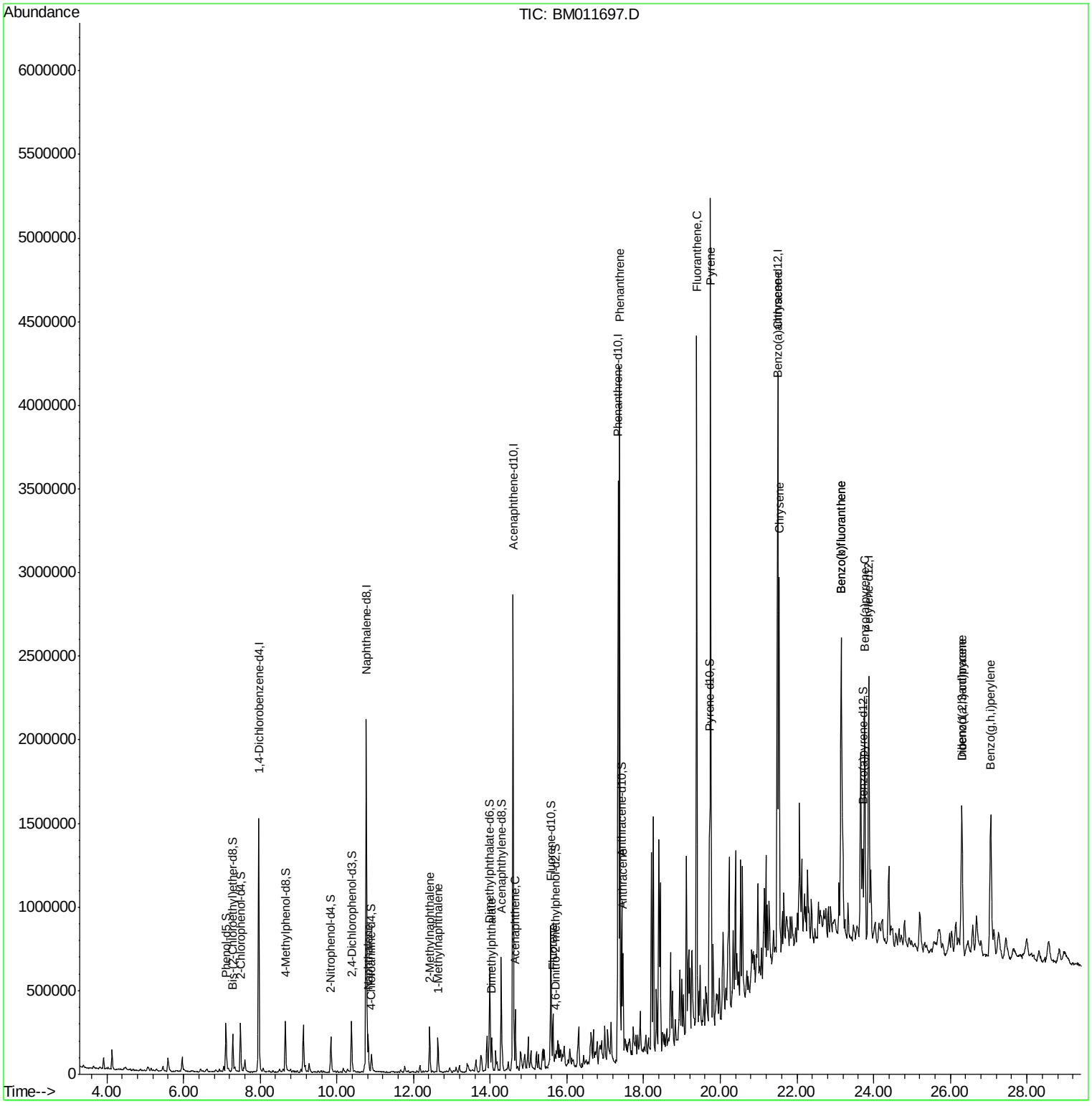
(#) = qualifier out of range (m) = manual integration (+) = signals summed

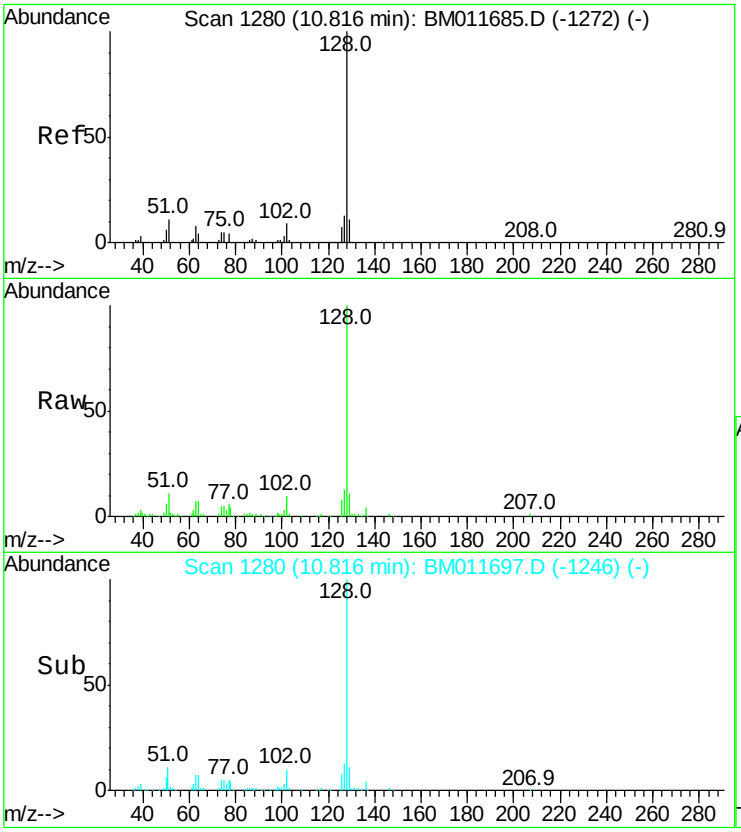
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
Data File : BM011697.D
Acq On : 22 Sep 2017 17:58
Operator : SJ/JU
Sample : I5283-12DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 22 23:55:37 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 23:48:55 2017
Response via : Initial Calibration



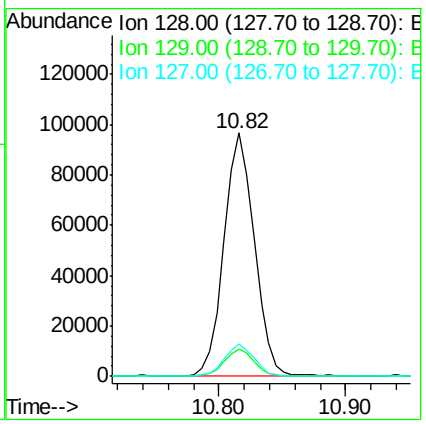


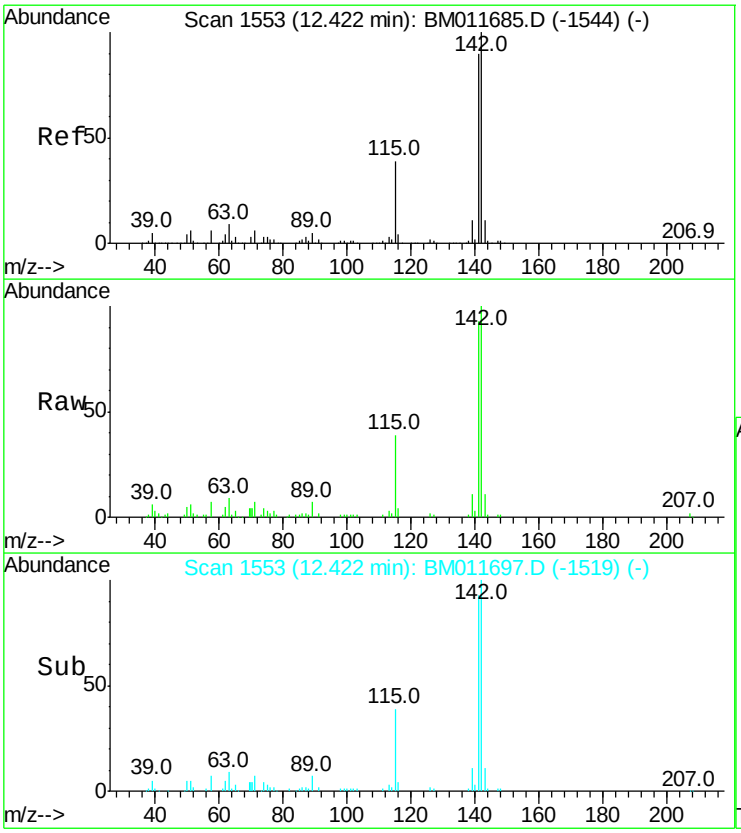
#28
Naphthalene
Concen: 1.849 ng/ul
RT: 10.82 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BM011697.D
Acq: 22 Sep 2017 17:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 161006

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.3	12.5
127	13.1	10.8	16.2

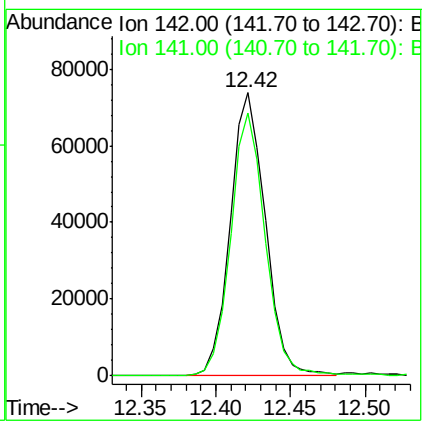


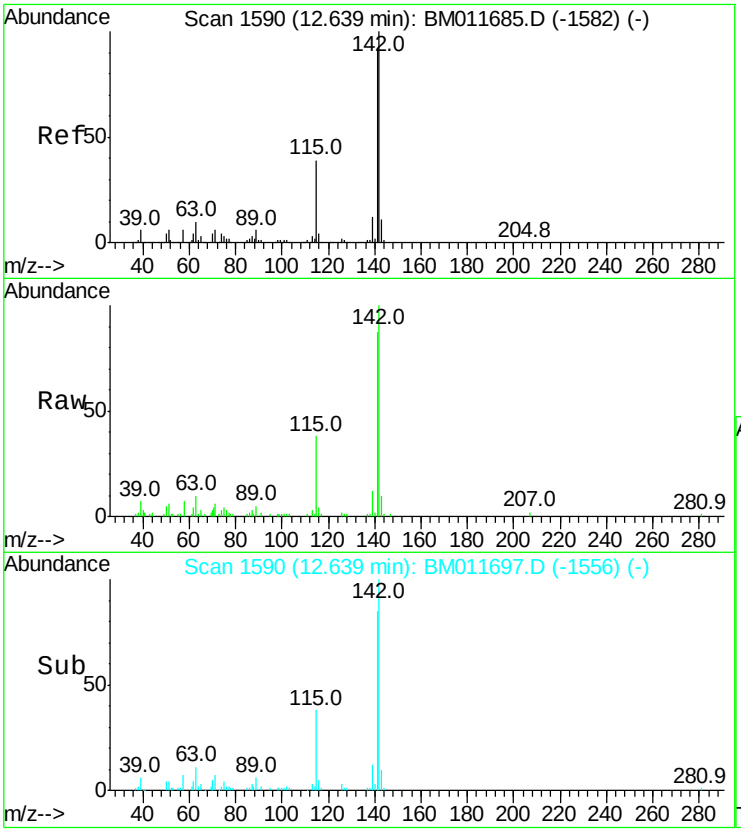


#34
2-Methylnaphthalene
Concen: 1.869 ng/ul
RT: 12.42 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BM011697.D
Acq: 22 Sep 2017 17:58

Tgt Ion:142 Resp: 120817

Ion	Ratio	Lower	Upper
142	100		
141	92.8	71.4	107.2



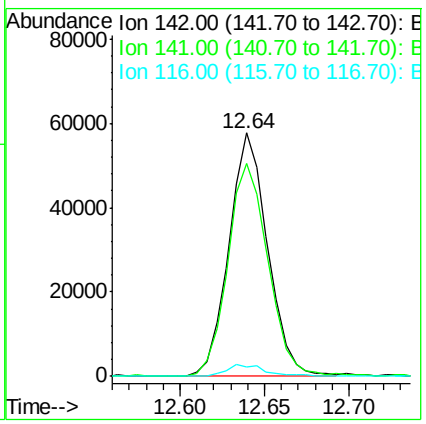


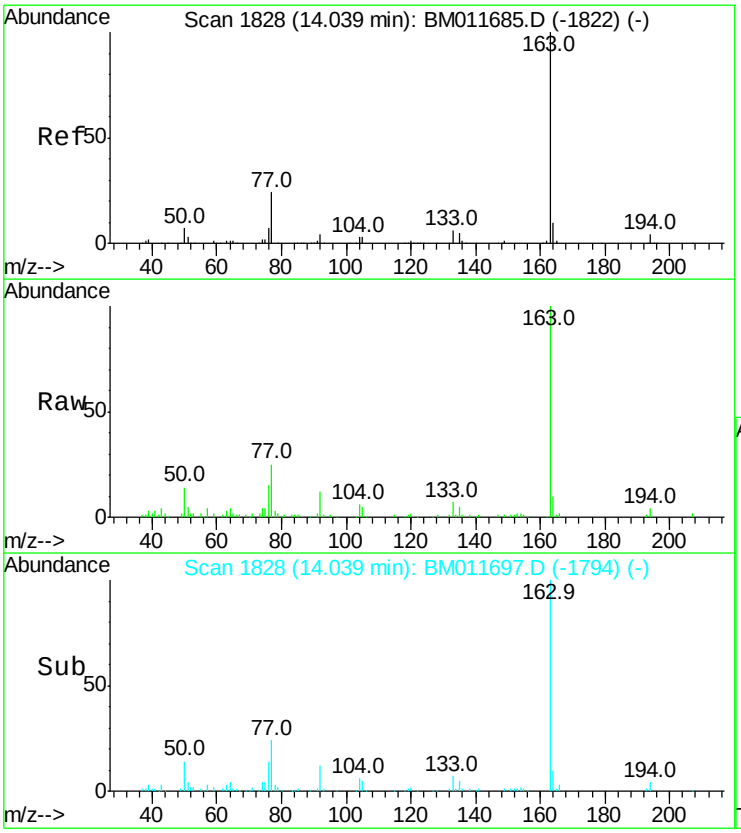
#35
1-Methylnaphthalene
Concen: 1.496 ng/ul
RT: 12.64 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BM011697.D
Acq: 22 Sep 2017 17:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 92146

Ion	Ratio	Lower	Upper
142	100		
141	87.3	76.6	115.0
116	3.9	3.6	5.4

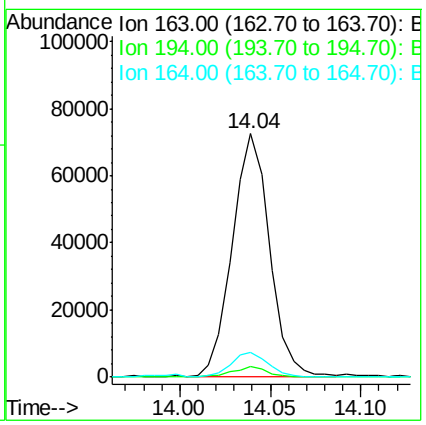


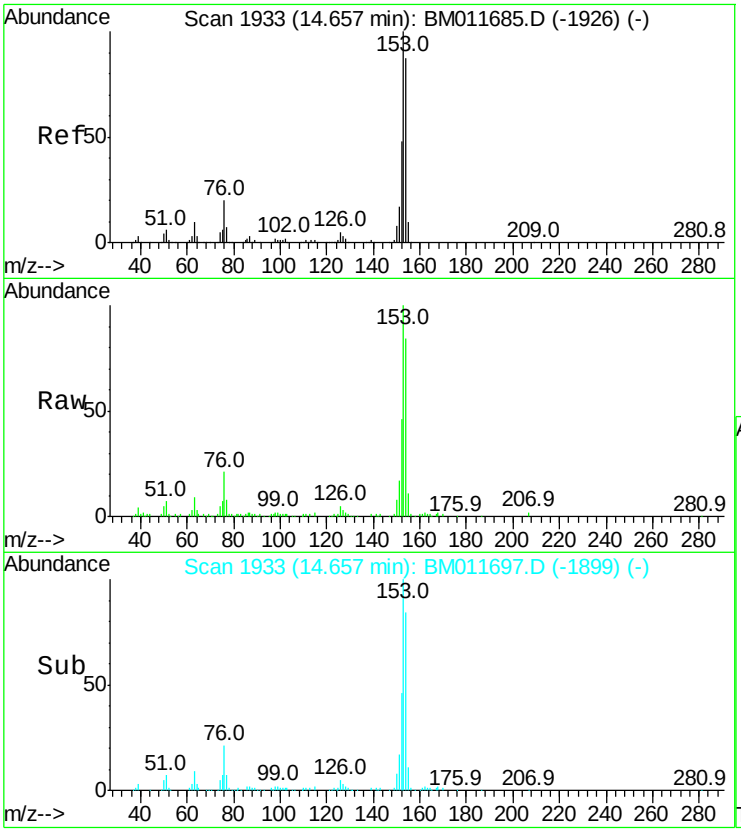


#45
Dimethylphthalate
Concen: 1.431 ng/ul
RT: 14.04 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BM011697.D
Acq: 22 Sep 2017 17:58

Tgt Ion:163 Resp: 104236

Ion	Ratio	Lower	Upper
163	100		
194	4.2	4.0	6.0
164	10.4	8.4	12.6



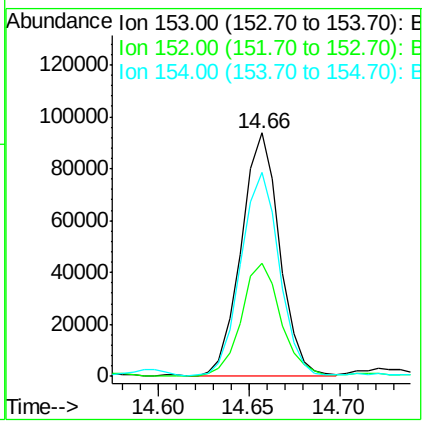


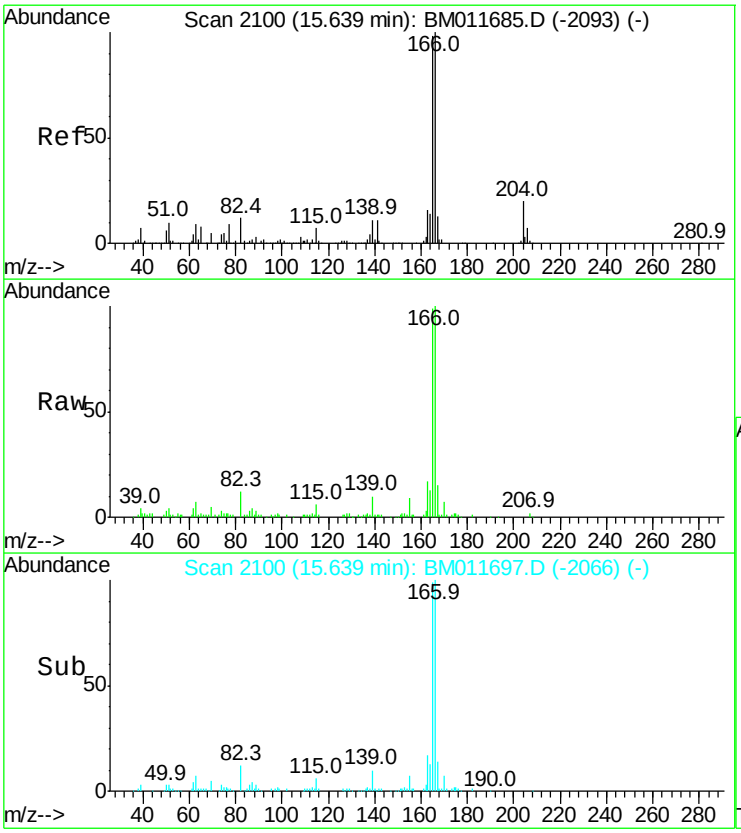
#50
Acenaphthene
Concen: 2.219 ng/ul
RT: 14.66 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BM011697.D
Acq: 22 Sep 2017 17:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 138865

Ion	Ratio	Lower	Upper
153	100		
152	46.4	37.9	56.9
154	83.8	69.8	104.6

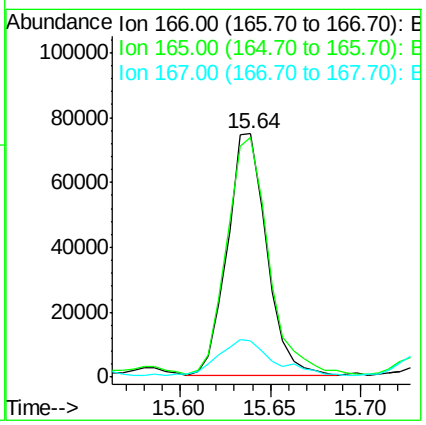


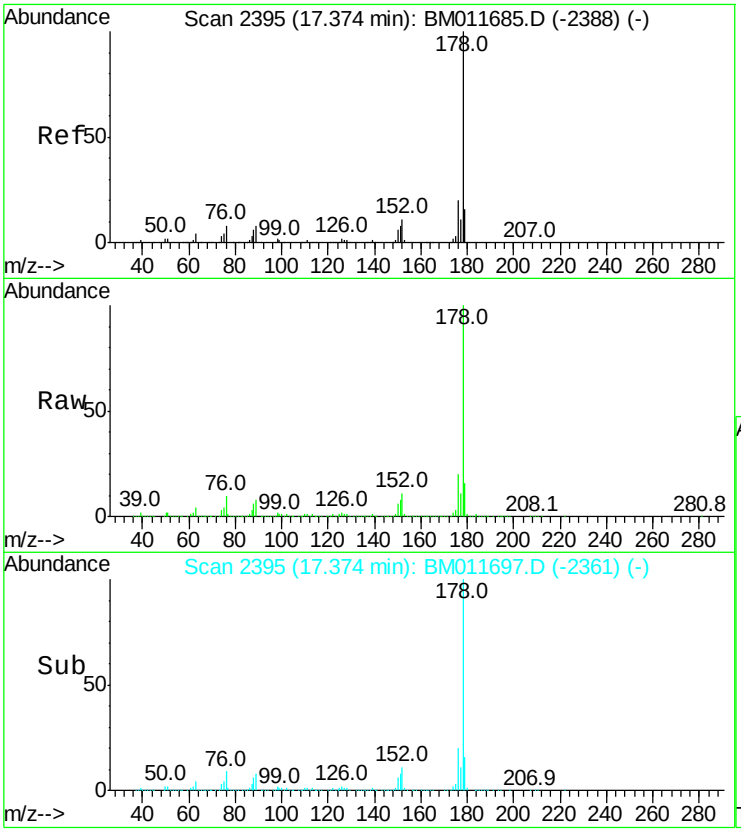


#59
Fluorene
Concen: 1.533 ng/ul
RT: 15.64 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BM011697.D
Acq: 22 Sep 2017 17:58

Tgt Ion:166 Resp: 112496

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.4	117.6
167	14.7	11.1	16.7



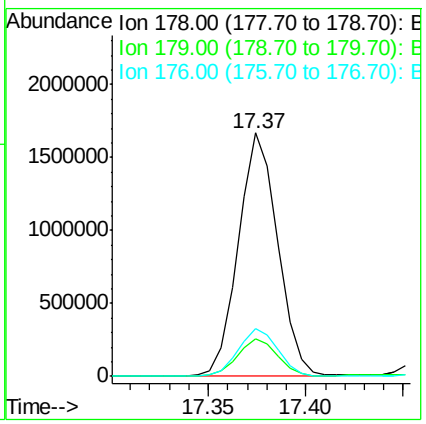


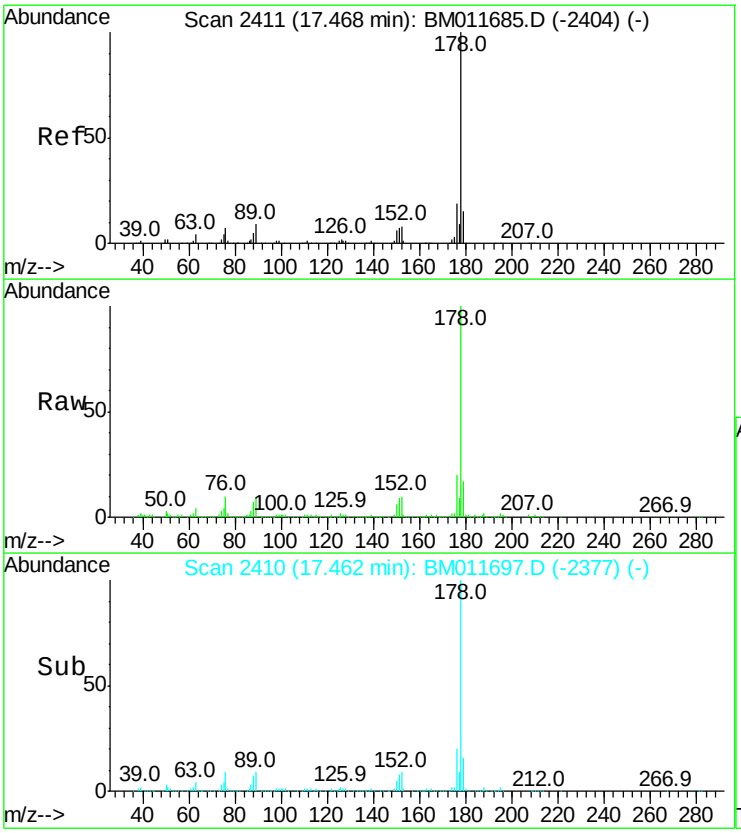
#70
Phenanthrene
Concen: 22.639 ng/ul
RT: 17.37 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BM011697.D
Acq: 22 Sep 2017 17:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 2328002

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.8	15.4	23.0

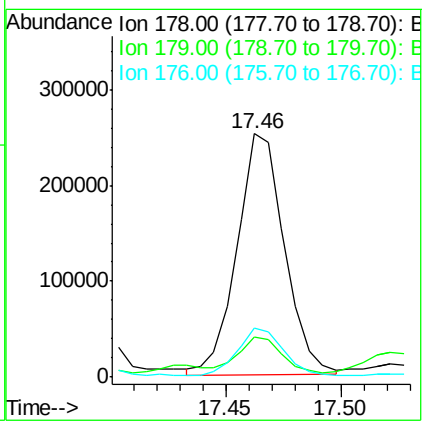


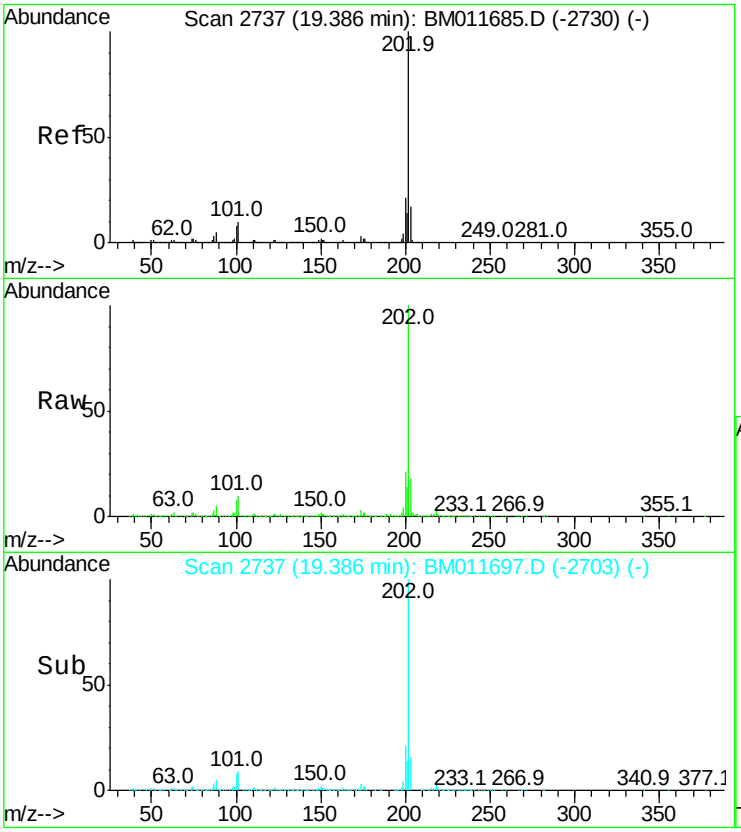


#72
Anthracene
Concen: 3.431 ng/ul
RT: 17.46 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BM011697.D
Acq: 22 Sep 2017 17:58

Tgt Ion:178 Resp: 362018

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.4	20.2
176	20.0	15.4	23.0



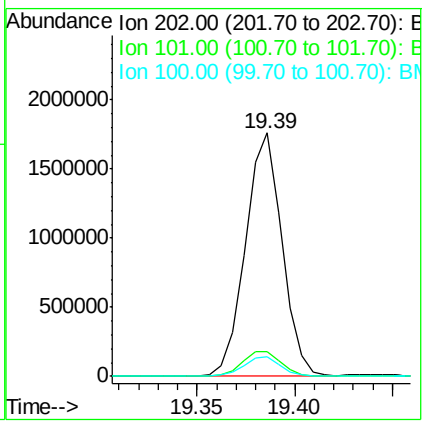


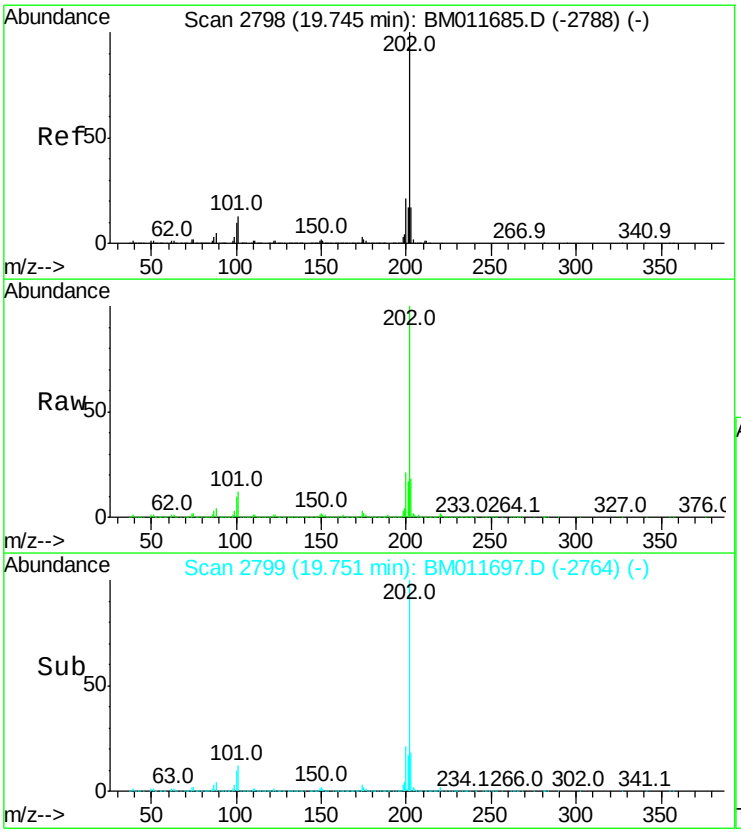
#77
Fluoranthene
Concen: 21.488 ng/ul
RT: 19.39 min Scan# 2737
Delta R.T. 0.00 min
Lab File: BM011697.D
Acq: 22 Sep 2017 17:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 2272687

Ion	Ratio	Lower	Upper
202	100		
101	10.2	6.1	9.1#
100	7.9	4.6	7.0#

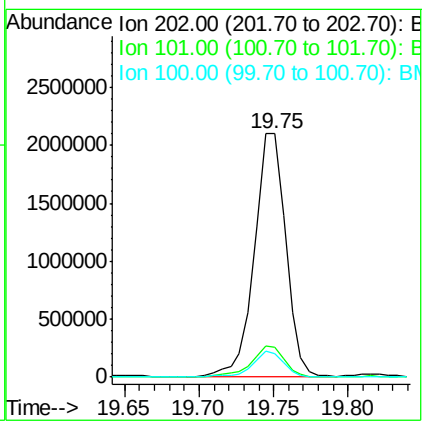


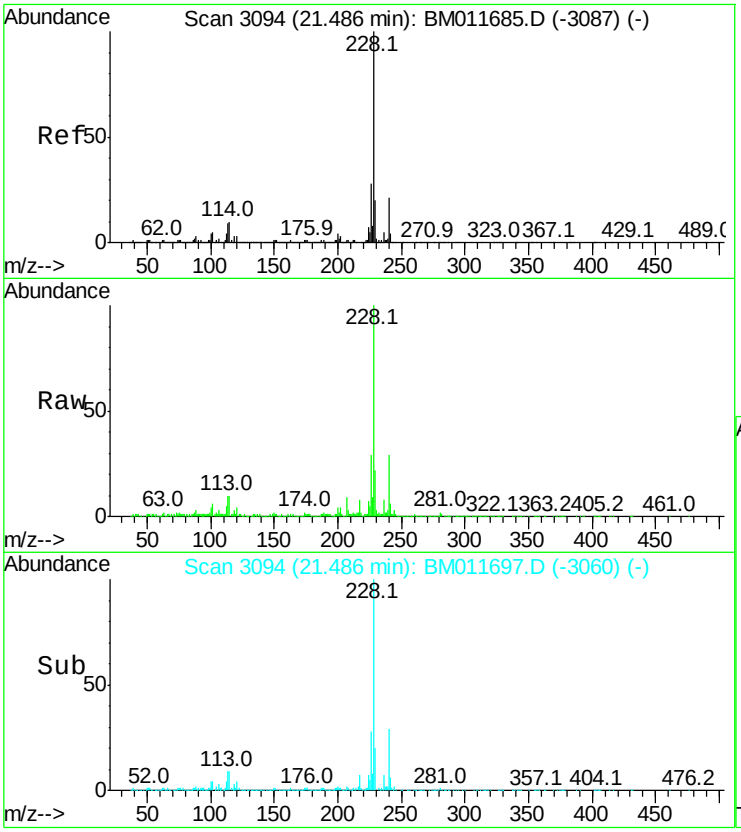


#80
Pyrene
Concen: 40.910 ng/ul
RT: 19.75 min Scan# 2799
Delta R.T. 0.01 min
Lab File: BM011697.D
Acq: 22 Sep 2017 17:58

Tgt Ion:202 Resp: 3038561

Ion	Ratio	Lower	Upper
202	100		
101	12.3	6.9	10.3#
100	9.7	5.6	8.4#



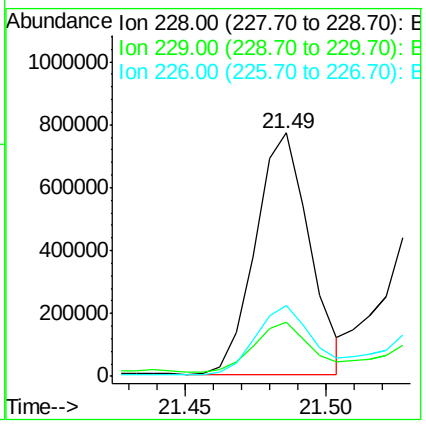


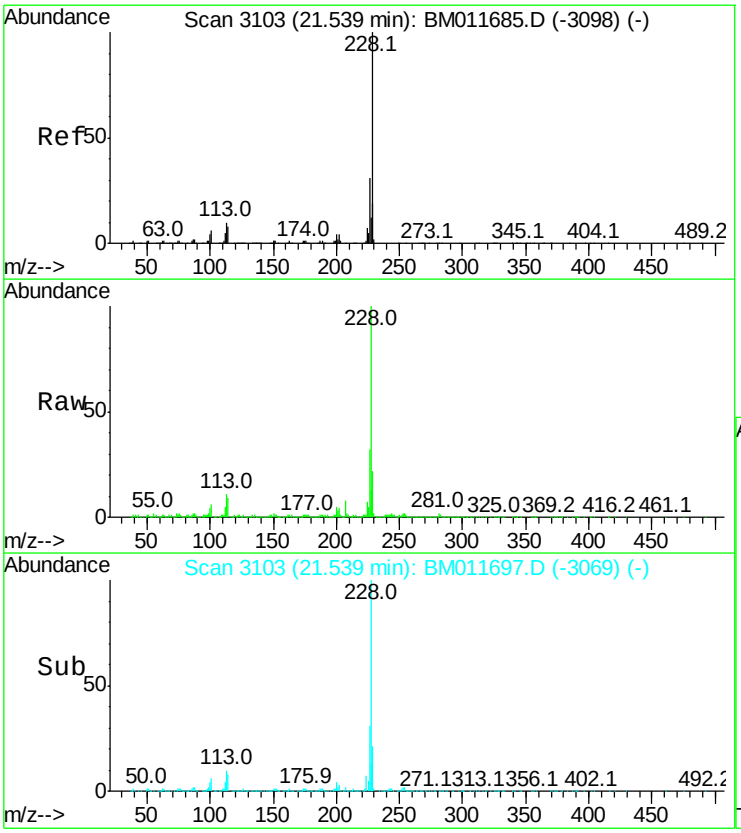
#83
Benzo(a)anthracene
Concen: 14.531 ng/ul
RT: 21.49 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BM011697.D
Acq: 22 Sep 2017 17:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1018549

Ion	Ratio	Lower	Upper
228	100		
229	22.2	16.0	24.0
226	29.0	21.8	32.8

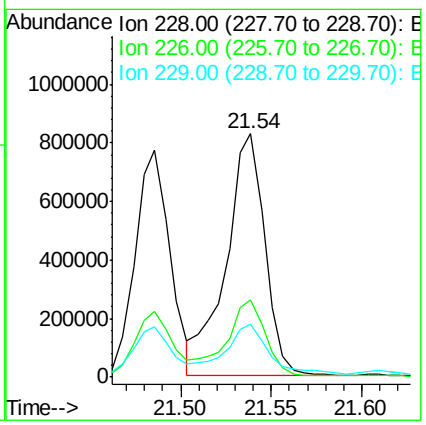


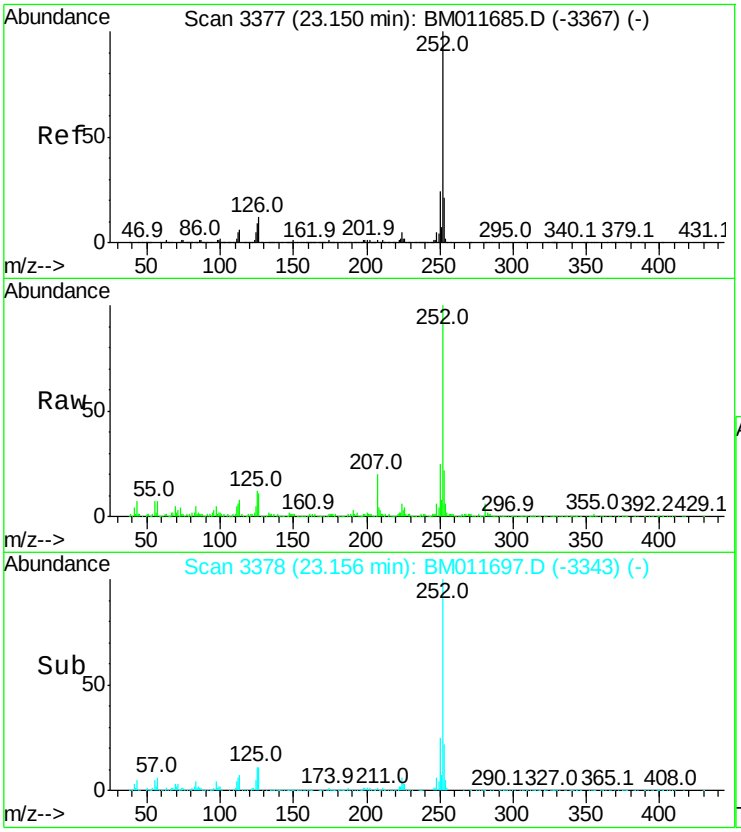


#85
Chrysene
Concen: 19.489 ng/ul
RT: 21.54 min Scan# 3103
Delta R.T. 0.00 min
Lab File: BM011697.D
Acq: 22 Sep 2017 17:58

Tgt Ion:228 Resp: 1238469

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.1	36.1
229	21.8	16.0	24.0



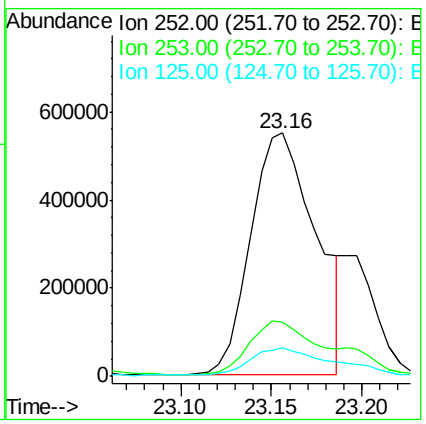


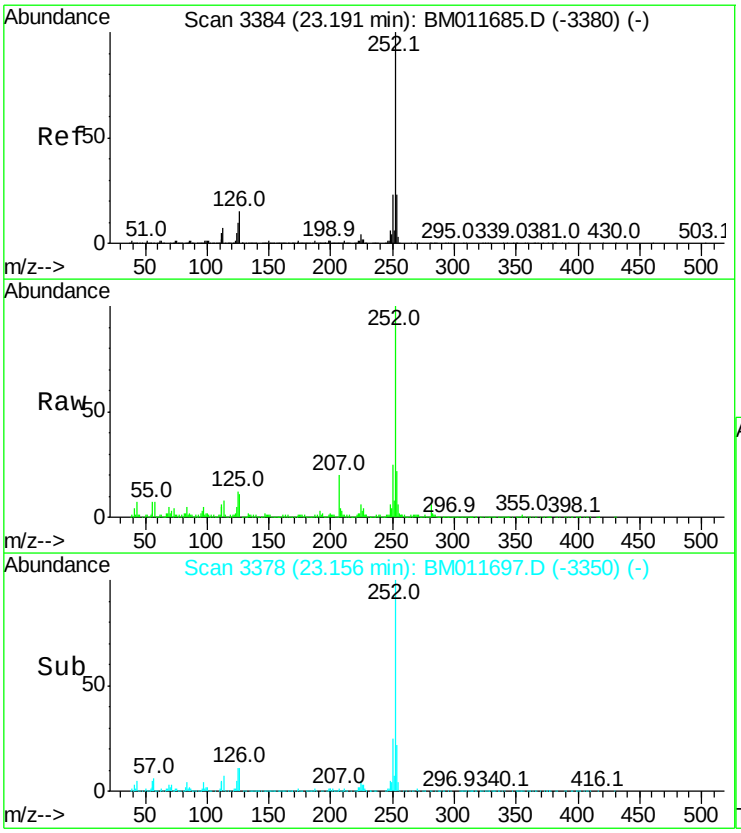
#88
Benzo(b)fluoranthene
Concen: 18.330 ng/ul
RT: 23.16 min Scan# 3378
Delta R.T. 0.01 min
Lab File: BM011697.D
Acq: 22 Sep 2017 17:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1368977

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	11.7	4.9	7.3#

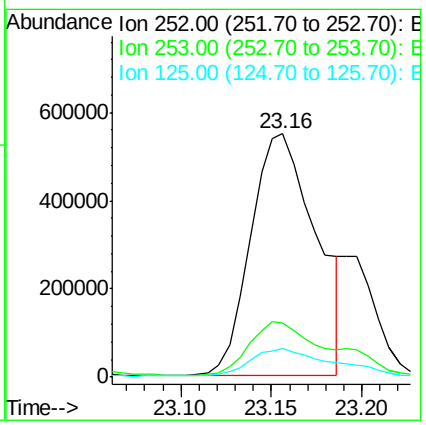


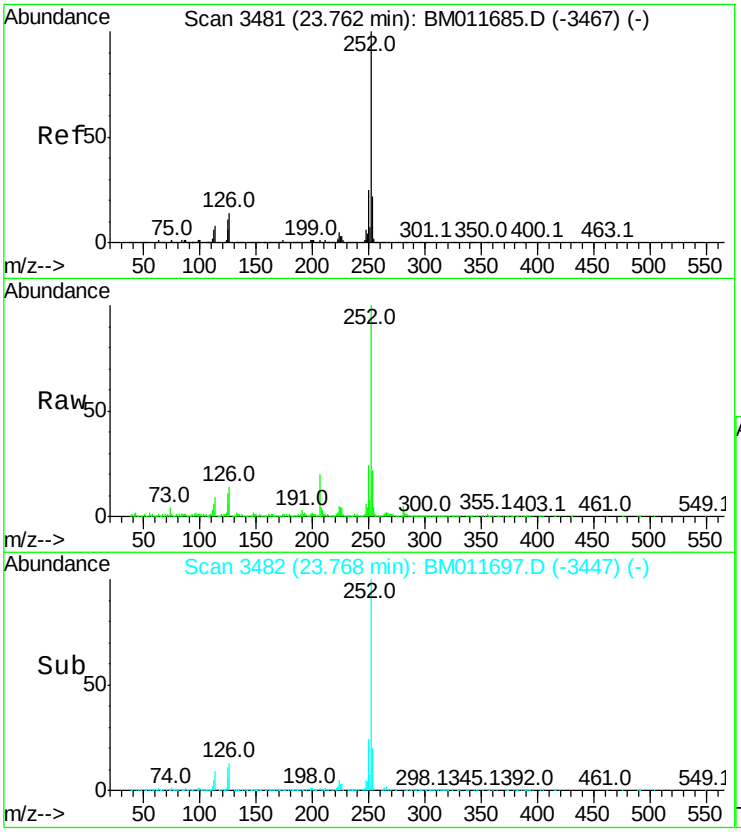


#89
Benzo(k)fluoranthene
Concen: 19.086 ng/ul
RT: 23.16 min Scan# 3378
Delta R.T. -0.04 min
Lab File: BM011697.D
Acq: 22 Sep 2017 17:58

Tgt Ion:252 Resp: 1368977

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	11.7	5.4	8.0#



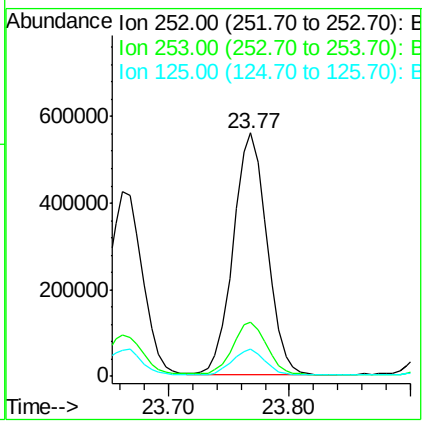


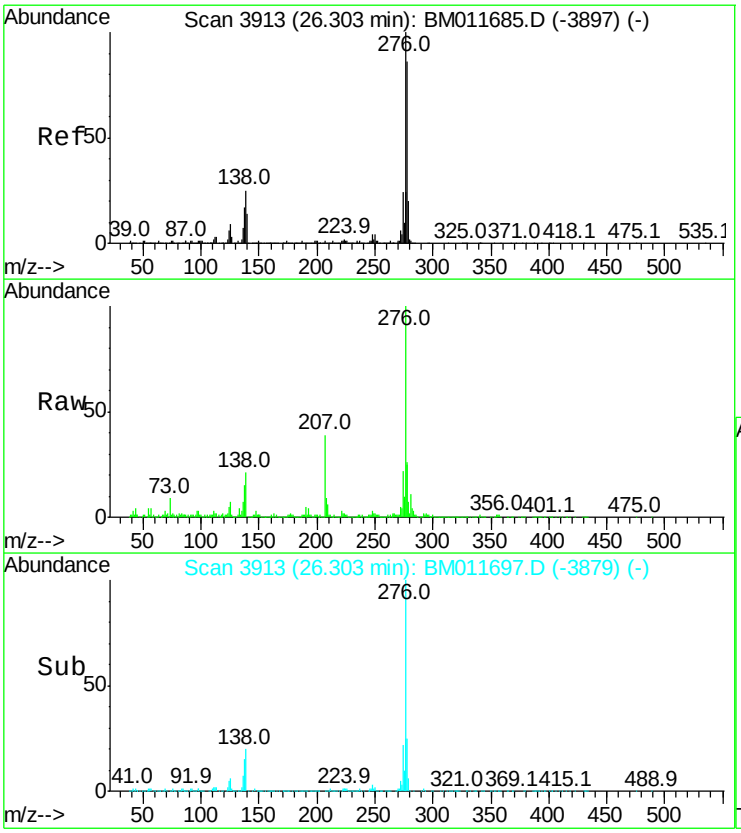
#91
Benzo(a)pyrene
Concen: 15.477 ng/ul
RT: 23.77 min Scan# 3482
Delta R.T. 0.01 min
Lab File: BM011697.D
Acq: 22 Sep 2017 17:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1091035

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	11.3	5.8	8.6#

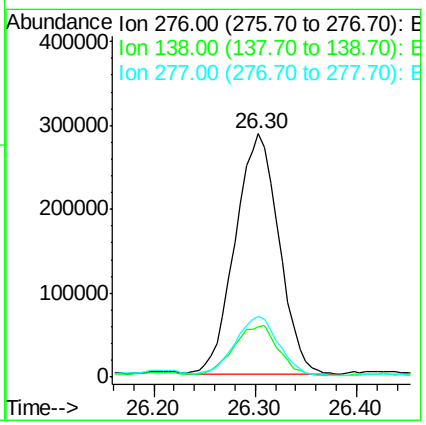


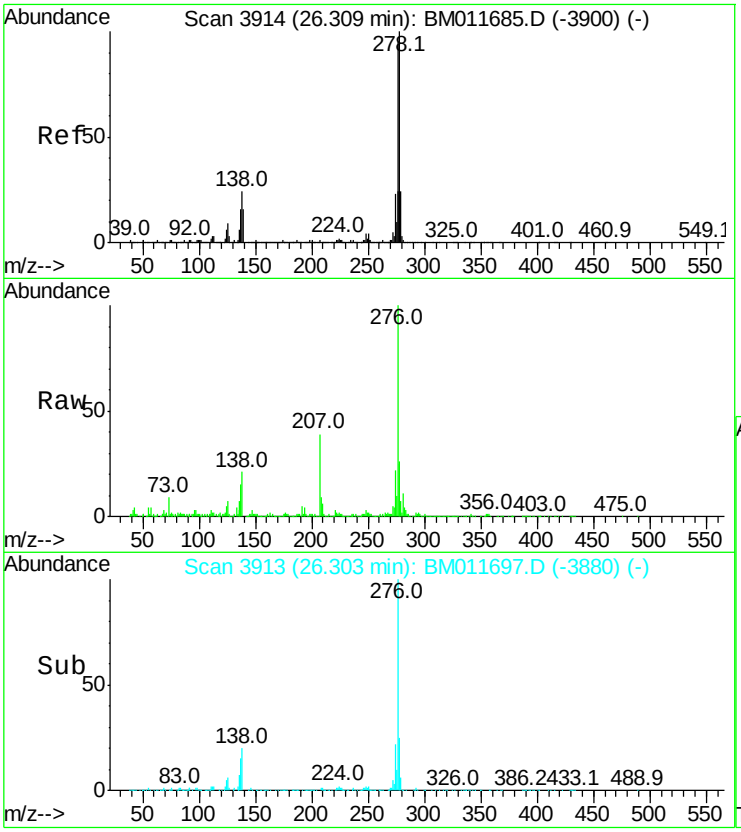


#92
Indeno(1,2,3-cd)pyrene
Concen: 11.112 ng/ul
RT: 26.30 min Scan# 3913
Delta R.T. 0.00 min
Lab File: BM011697.D
Acq: 22 Sep 2017 17:58

Tgt Ion:276 Resp: 861651

Ion	Ratio	Lower	Upper
276	100		
138	20.8	10.9	16.3#
277	25.1	18.9	28.3



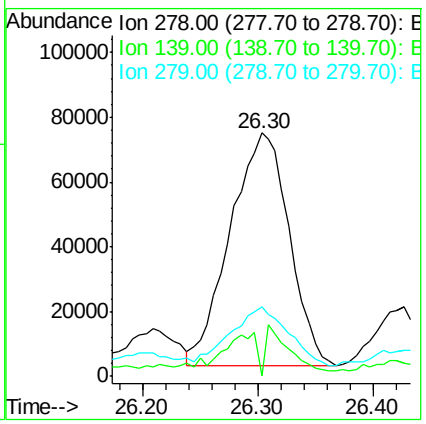


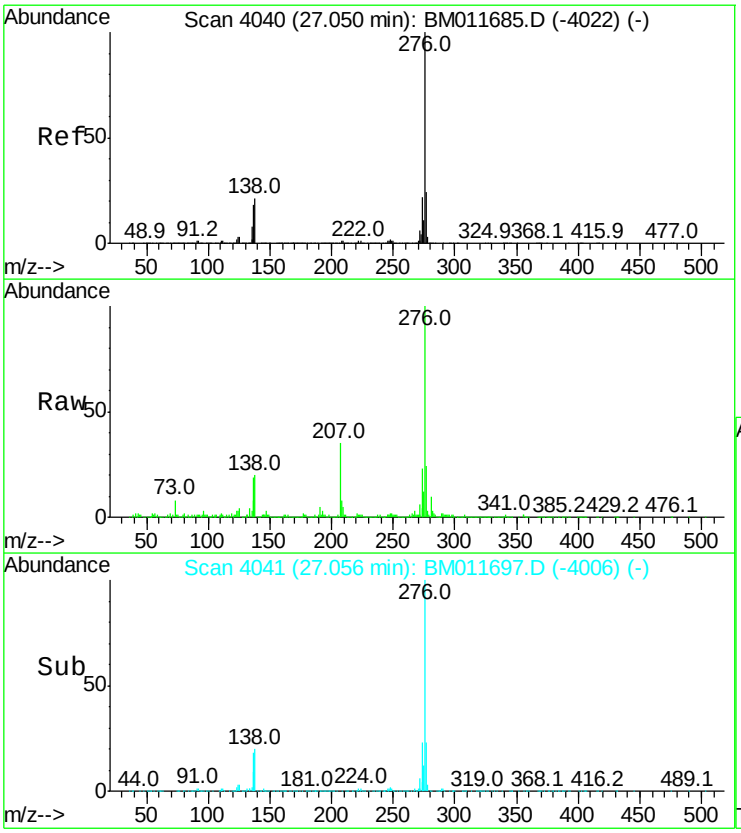
#93
Dibenzo(a,h)anthracene
Concen: 3.881 ng/ul
RT: 26.30 min Scan# 3913
Delta R.T. -0.01 min
Lab File: BM011697.D
Acq: 22 Sep 2017 17:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 255185

Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.0	13.4#
279	28.4	19.1	28.7





#94
Benzo(g,h,i)perylene
Concen: 16.444 ng/ul
RT: 27.06 min Scan# 4041
Delta R.T. 0.01 min
Lab File: BM011697.D
Acq: 22 Sep 2017 17:58

Tgt Ion:276 Resp: 1032663

Ion	Ratio	Lower	Upper
276	100		
138	20.2	11.2	16.8#
277	23.7	19.0	28.6