Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031618\
Data File : BM014621.D
Acq On : 17 Mar 2018 00:33
Operator : SJ/JU
Sample : J1918-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE8J4

Quant Time: Mar 17 01:19:04 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 17 00:41:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	89800	20.00	ng/ul	-0.01
2) Naphthalene-d8	10.22	136	339611	20.00	ng/ul	-0.01
6) Acenaphthene-d10	14.12	164	160974	20.00	ng/ul	-0.01
12) Phenanthrene-d10	16.89	188	317670	20.00	ng/ul	-0.02
18) Chrysene-d12	21.12	240	278254	20.00	ng/ul	-0.02
23) Perylene-d12	23.28	264	268570	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	9.89	165	76880	14.65	ng/ul	0.00
7) Acenaphthylene-d8	13.81	160	309657	18.00	ng/ul	-0.01
10) Fluorene-d10	15.13	176	192069	17.04	ng/ul	-0.01
15) Anthracene-d10	16.89	188	317670	20.89	ng/ul	-0.12
19) Pyrene-d10	19.30	212	283529	16.95	ng/ul	-0.01
26) Benzo(a)pyrene-d12	23.14	264	226147	17.41	ng/ul	-0.02
Target Compounds						Qvalue
4) Naphthalene	10.27	128	57519	3.335	ng/ul#	94
5) 2-Methylnaphthalene	11.90	142	65940	5.463	ng/ul	99
14) Phenanthrene	16.93	178	54495	3.063	ng/ul	96
16) Anthracene	16.93	178	54495	3.064	ng/ul	97
17) Fluoranthene	18.97	202	23549	1.166	ng/ul#	84
20) Pyrene	19.33	202	26753	1.278	ng/ul	97
22) Chrysene	21.15	228	21221	1.312	ng/ul#	80
24) Benzo(b)fluoranthene	22.64	252	18704	1.108	ng/ul#	87

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

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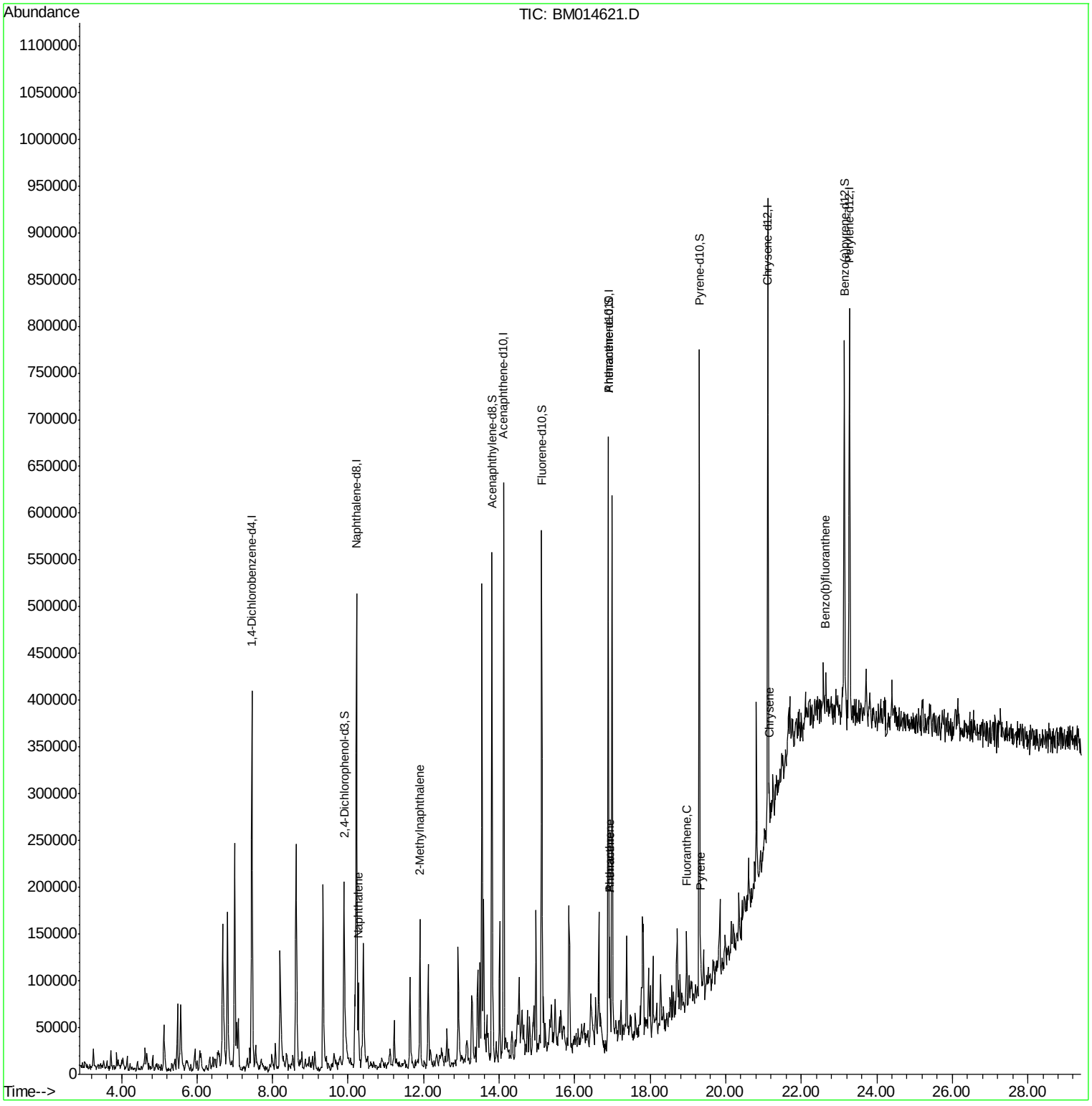
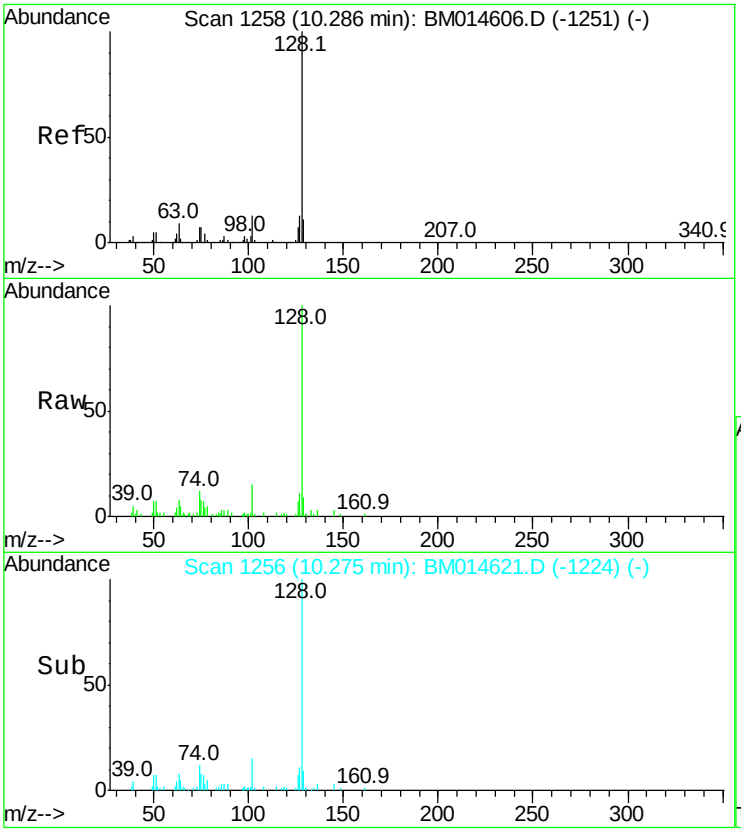


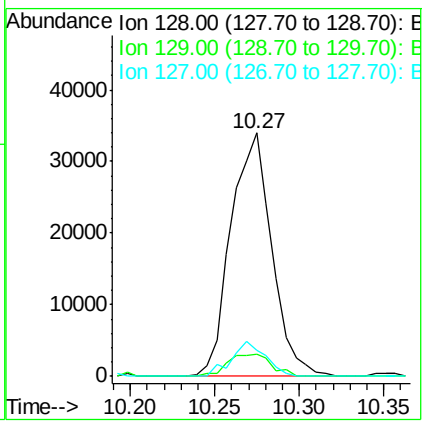


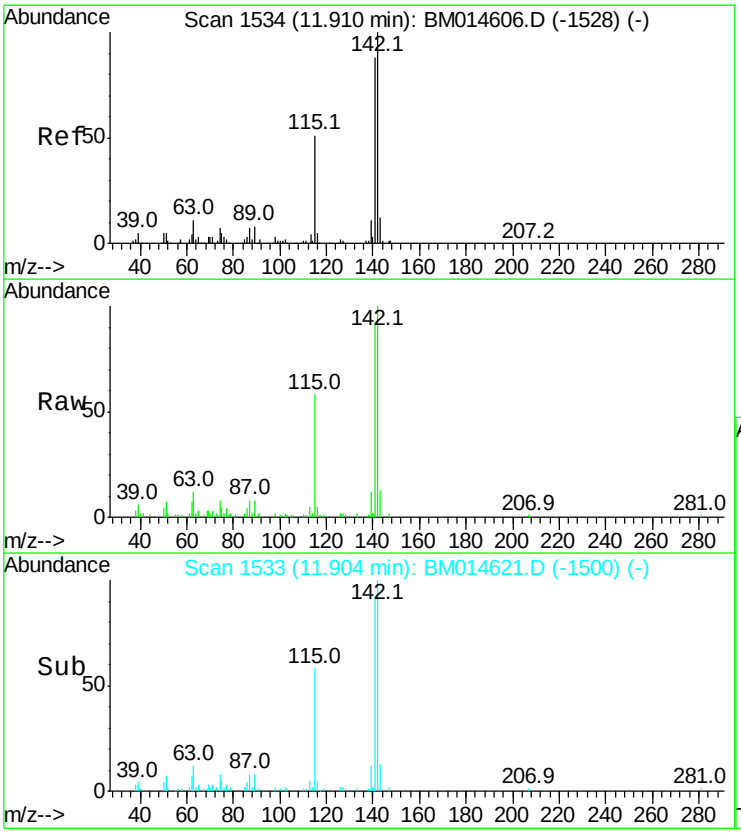
#4
Naphthalene
Concen: 3.335 ng/ul
RT: 10.27 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BM014621.D
Acq: 17 Mar 2018 00:33

Instrument :
BNA_M
ClientSampleId :
BE8J4

Tgt Ion:128 Resp: 57519

Ion	Ratio	Lower	Upper
128	100		
129	9.3	8.8	13.2
127	10.6	10.6	16.0#

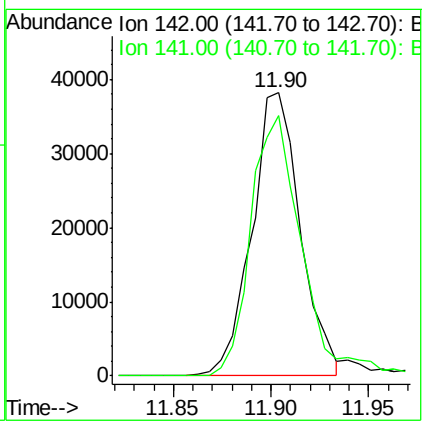


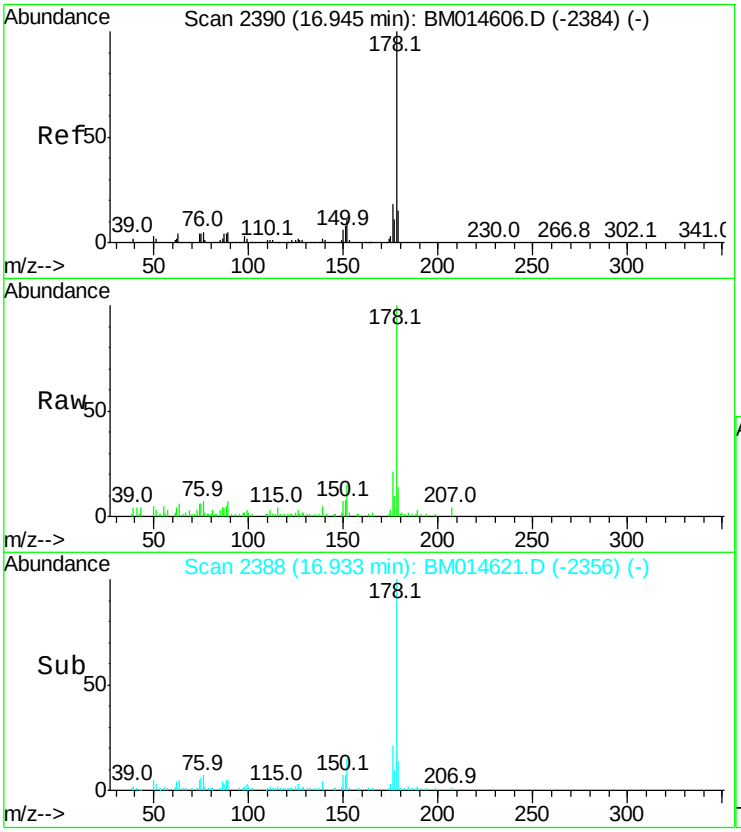


#5
2-Methylnaphthalene
Concen: 5.463 ng/ul
RT: 11.90 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BM014621.D
Acq: 17 Mar 2018 00:33

Tgt Ion:142 Resp: 65940

Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.1	111.1



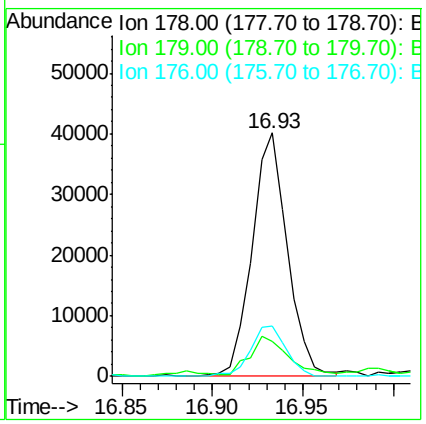


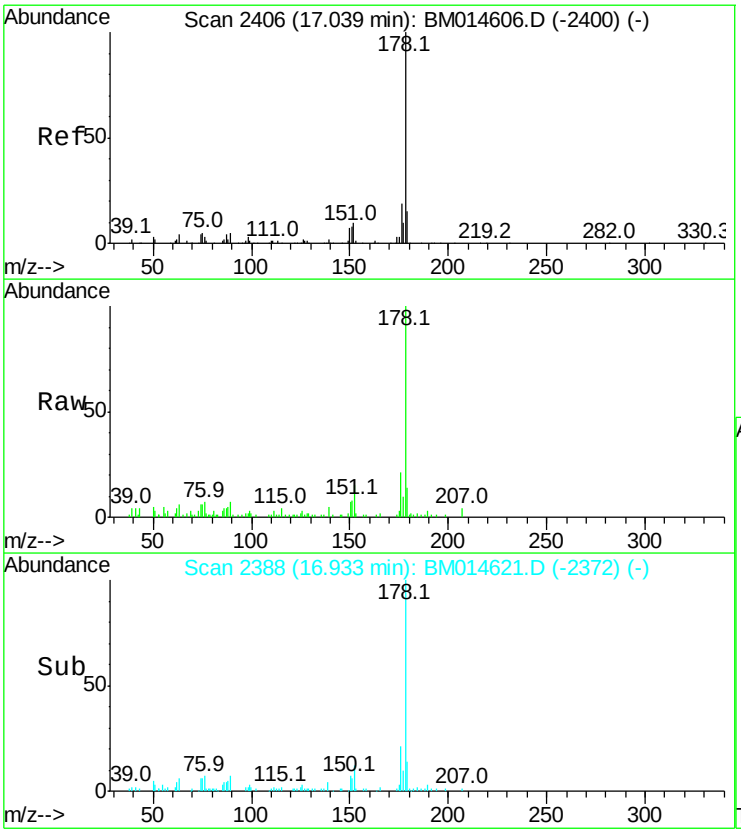
#14
Phenanthrene
Concen: 3.063 ng/ul
RT: 16.93 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BM014621.D
Acq: 17 Mar 2018 00:33

Instrument :
BNA_M
ClientSampleId :
BE8J4

Tgt Ion:178 Resp: 54495

Ion	Ratio	Lower	Upper
178	100		
179	14.2	12.6	19.0
176	20.5	14.9	22.3

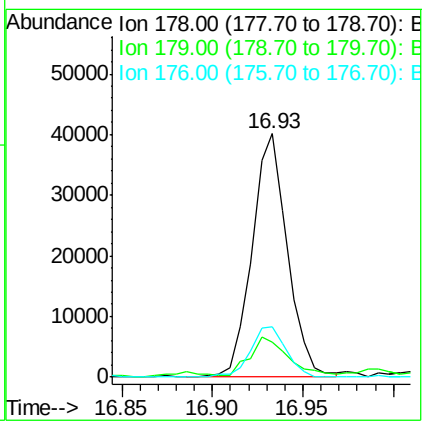


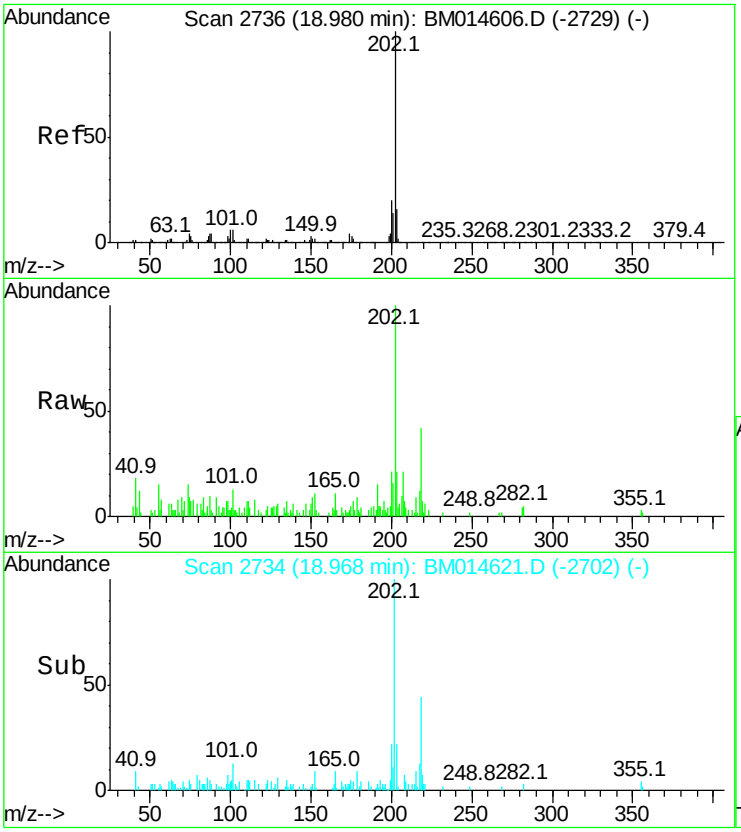


#16
Anthracene
Concen: 3.064 ng/ul
RT: 16.93 min Scan# 2388
Delta R.T. -0.11 min
Lab File: BM014621.D
Acq: 17 Mar 2018 00:33

Tgt Ion:178 Resp: 54495

Ion	Ratio	Lower	Upper
178	100		
179	14.2	11.7	17.5
176	20.5	14.6	21.8



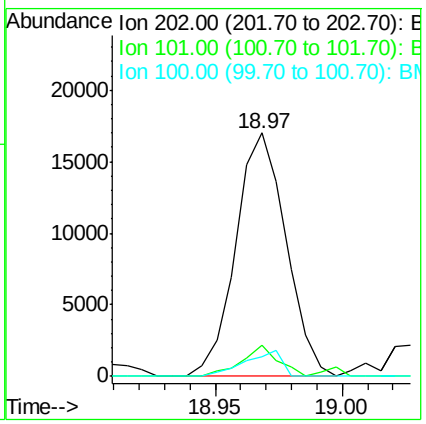


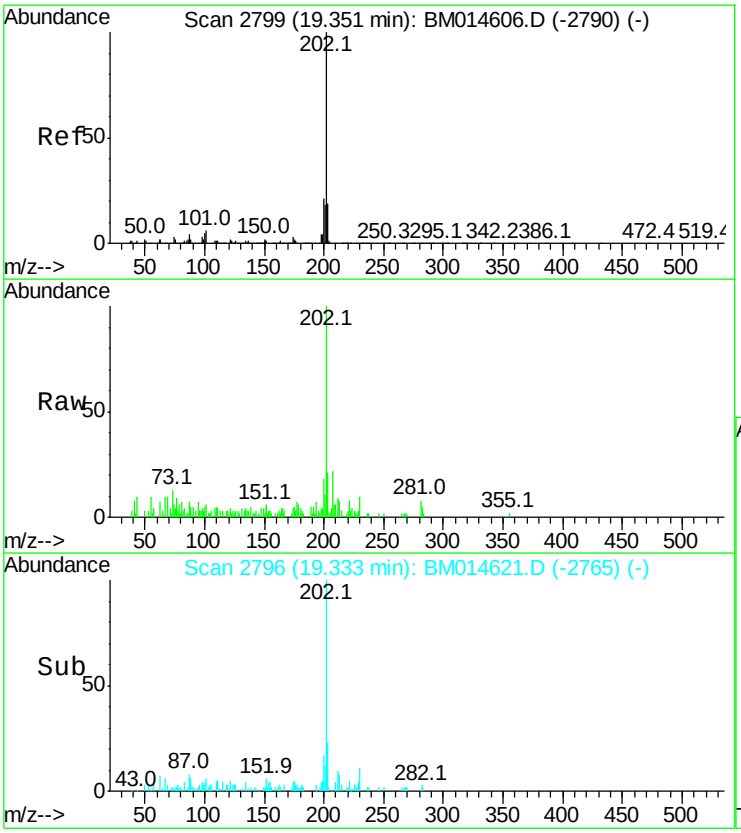
#17
Fluoranthene
Concen: 1.166 ng/ul
RT: 18.97 min Scan# 2734
Delta R.T. -0.01 min
Lab File: BM014621.D
Acq: 17 Mar 2018 00:33

Instrument :
BNA_M
ClientSampleId :
BE8J4

Tgt Ion:202 Resp: 23549

Ion	Ratio	Lower	Upper
202	100		
101	12.7	4.6	7.0#
100	7.8	3.4	5.2#

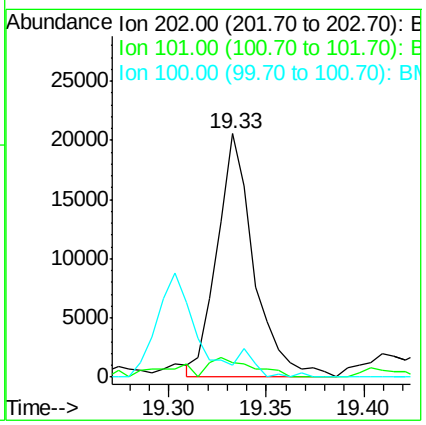


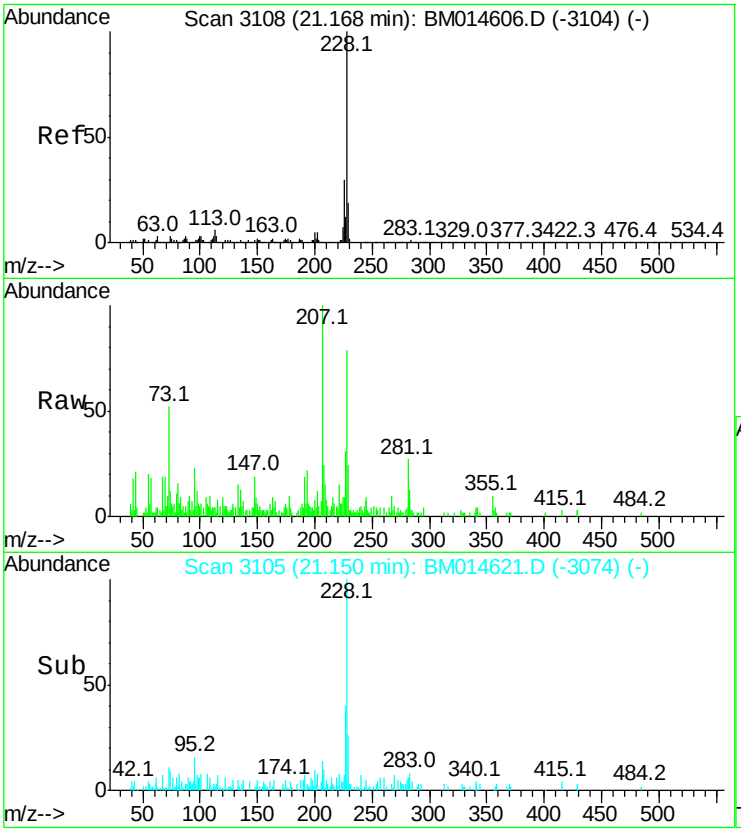


#20
Pyrene
Concen: 1.278 ng/ul
RT: 19.33 min Scan# 2796
Delta R.T. -0.02 min
Lab File: BM014621.D
Acq: 17 Mar 2018 00:33

Tgt Ion:202 Resp: 26753

Ion	Ratio	Lower	Upper
202	100		
101	5.7	5.1	7.7
100	4.9	4.9	7.3



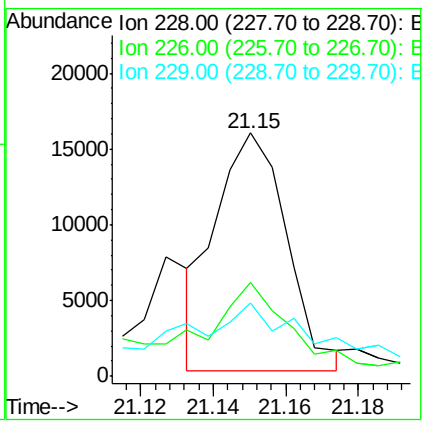


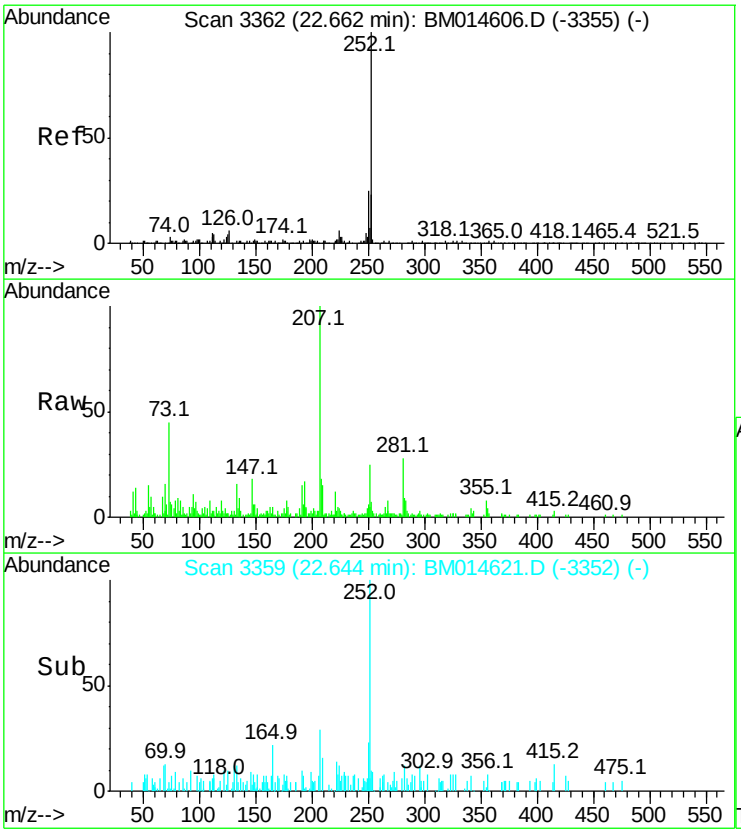
#22
Chrysene
Concen: 1.312 ng/ul
RT: 21.15 min Scan# 3105
Delta R.T. -0.02 min
Lab File: BM014621.D
Acq: 17 Mar 2018 00:33

Instrument :
BNA_M
ClientSampleId :
BE8J4

Tgt Ion:228 Resp: 21221

Ion	Ratio	Lower	Upper
228	100		
226	38.7	23.4	35.2#
229	29.9	15.5	23.3#





#24
Benzo(b)fluoranthene
Concen: 1.108 ng/ul
RT: 22.64 min Scan# 3359
Delta R.T. -0.02 min
Lab File: BM014621.D
Acq: 17 Mar 2018 00:33

Tgt Ion:252 Resp: 18704

Ion	Ratio	Lower	Upper
252	100		
253	29.1	17.9	26.9#
125	7.8	3.6	5.4#