Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM031518\
Data File : BM014589.D
Acq On : 15 Mar 2018 22:51
Operator : SJ/JU
Sample : J1904-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEL27

Quant Time: Mar 16 15:23:33 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031518-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 16 15:09:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	103503	20.00	ng/ul	0.00
2) Naphthalene-d8	10.22	136	451165	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	265810	20.00	ng/ul	0.00
12) Phenanthrene-d10	16.89	188	549565	20.00	ng/ul	0.00
18) Chrysene-d12	21.11	240	433618	20.00	ng/ul	0.00
23) Perylene-d12	23.27	264	374750	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	9.87	165	220028	31.56	ng/ul	-0.01
7) Acenaphthylene-d8	13.81	160	955941	33.65	ng/ul	0.00
10) Fluorene-d10	15.13	176	626186	33.65	ng/ul	0.00
15) Anthracene-d10	16.99	188	887592	33.74	ng/ul	0.00
19) Pyrene-d10	19.30	212	902435	34.62	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.13	264	611289	33.72	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	16.93	178	52754	1.714	ng/ul	99
16) Anthracene	16.93	178	52754	1.715	ng/ul	99
17) Fluoranthene	18.97	202	73992	2.118	ng/ul#	97
20) Pyrene	19.33	202	84906	2.604	ng/ul#	95
21) Benzo(a)anthracene	21.09	228	34206	1.247	ng/ul	96
22) Chrysene	21.14	228	43433	1.723	ng/ul	93
24) Benzo(b)fluoranthene	22.63	252	38395	1.630	ng/ul#	86
25) Benzo(k)fluoranthene	22.63	252	38395	1.715	ng/ul#	84
27) Benzo(a)pyrene	23.18	252	27265	1.219	ng/ul#	89

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

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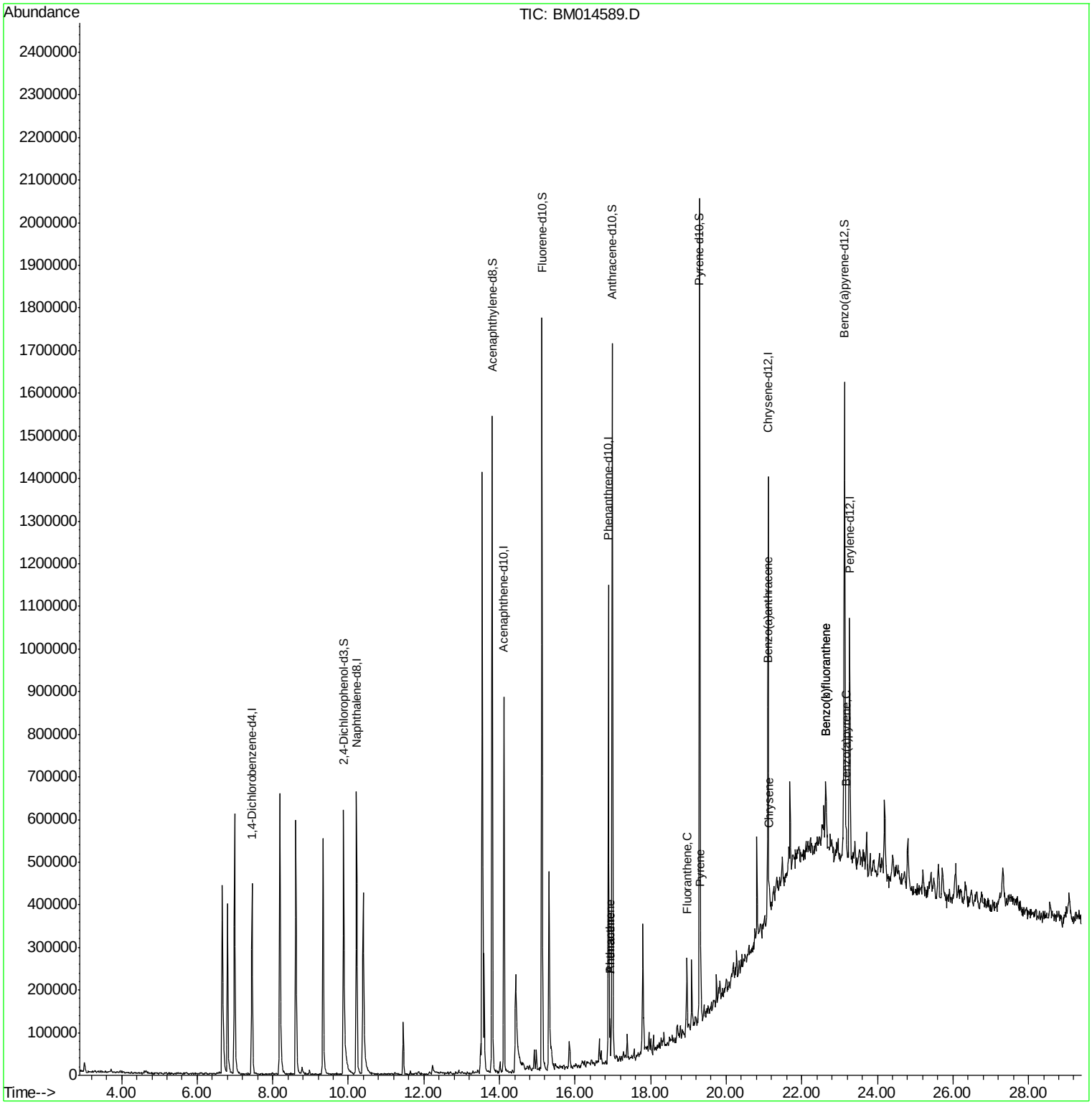
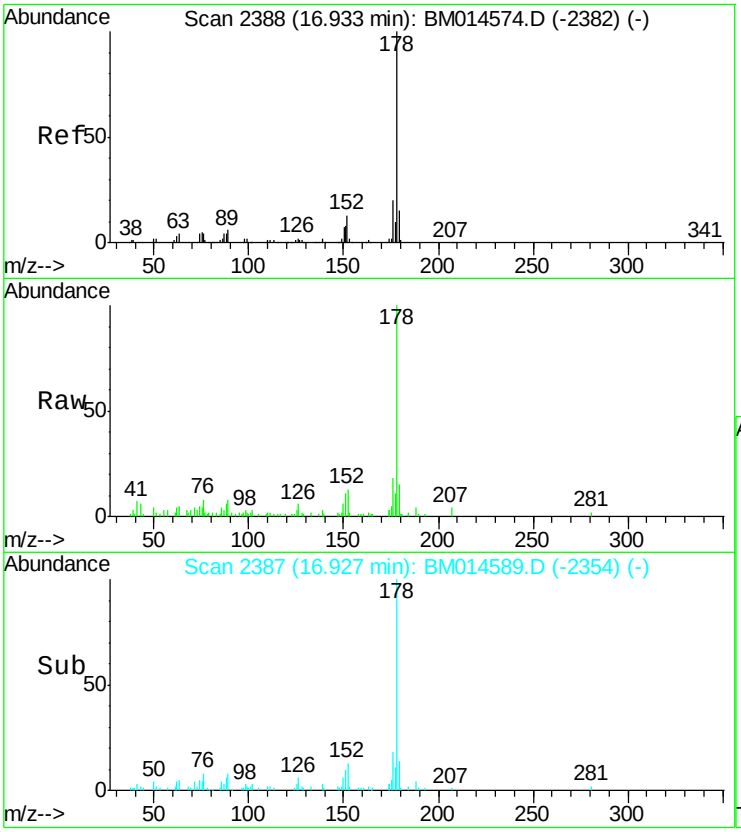


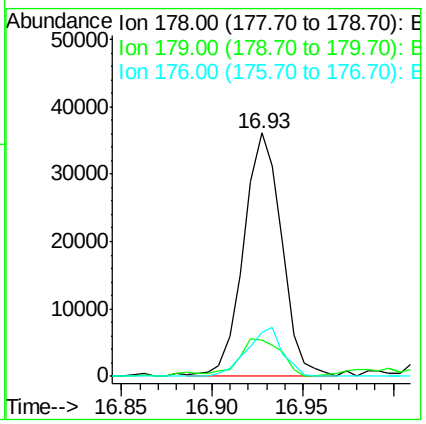


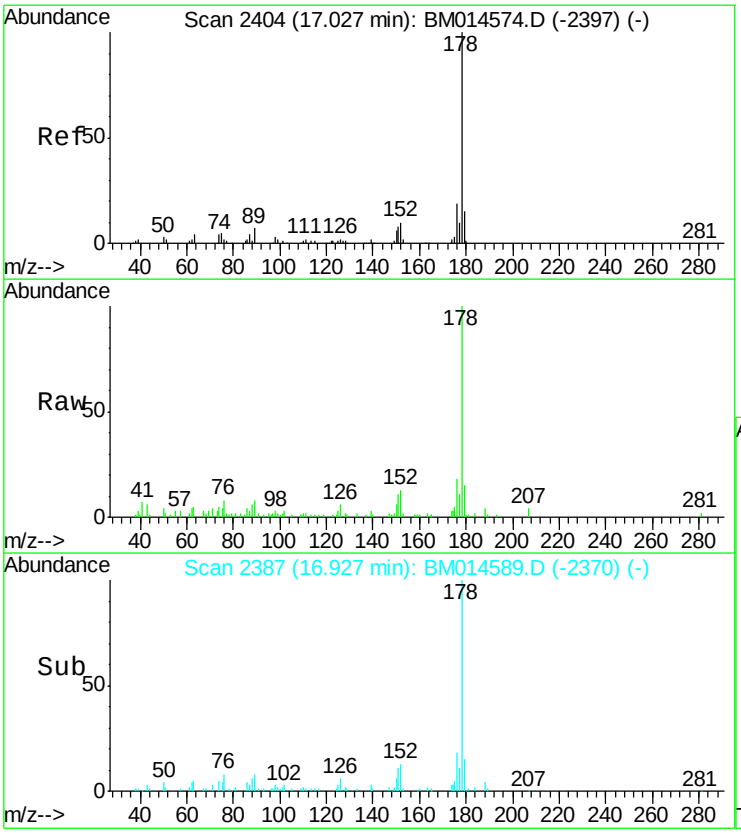
#14
Phenanthrene
Concen: 1.714 ng/ul
RT: 16.93 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM014589.D
Acq: 15 Mar 2018 22:51

Instrument :
BNA_M
ClientSampleId :
BEL27

Tgt Ion:178 Resp: 52754

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	18.2	14.9	22.3

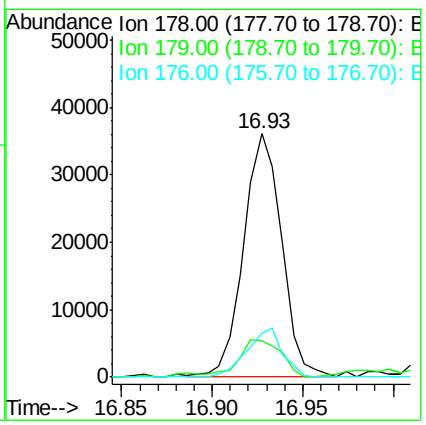


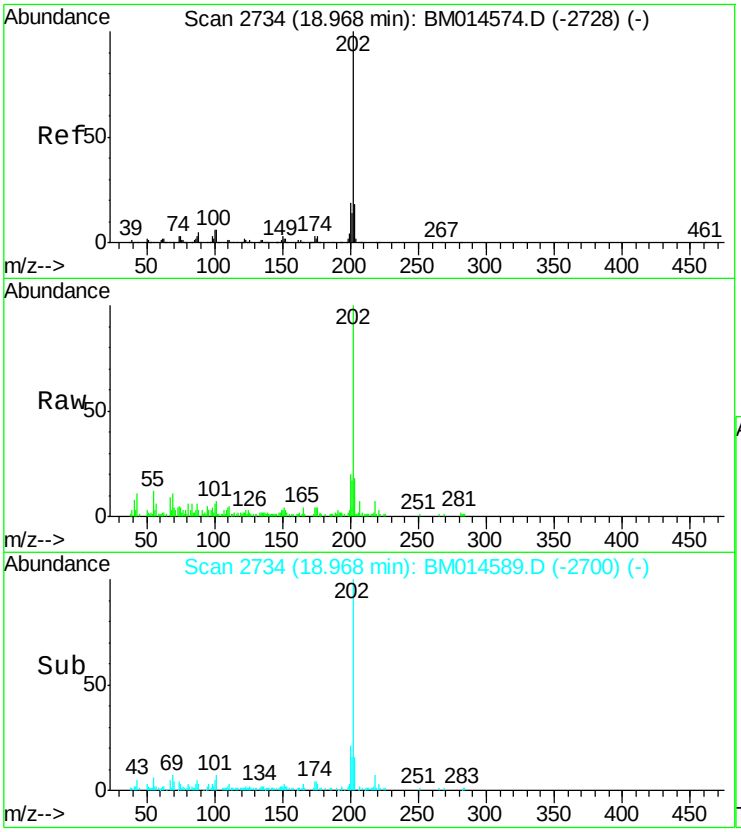


#16
Anthracene
Concen: 1.715 ng/ul
RT: 16.93 min Scan# 2387
Delta R.T. -0.10 min
Lab File: BM014589.D
Acq: 15 Mar 2018 22:51

Tgt Ion:178 Resp: 52754

Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.7	17.5
176	18.2	14.6	21.8



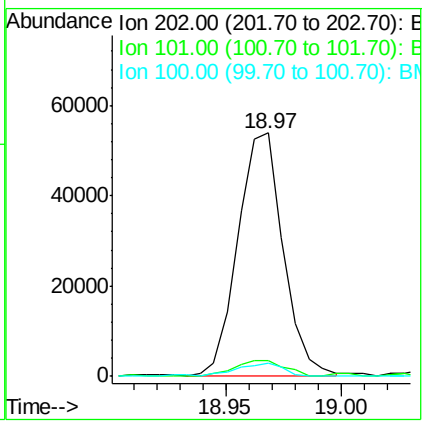


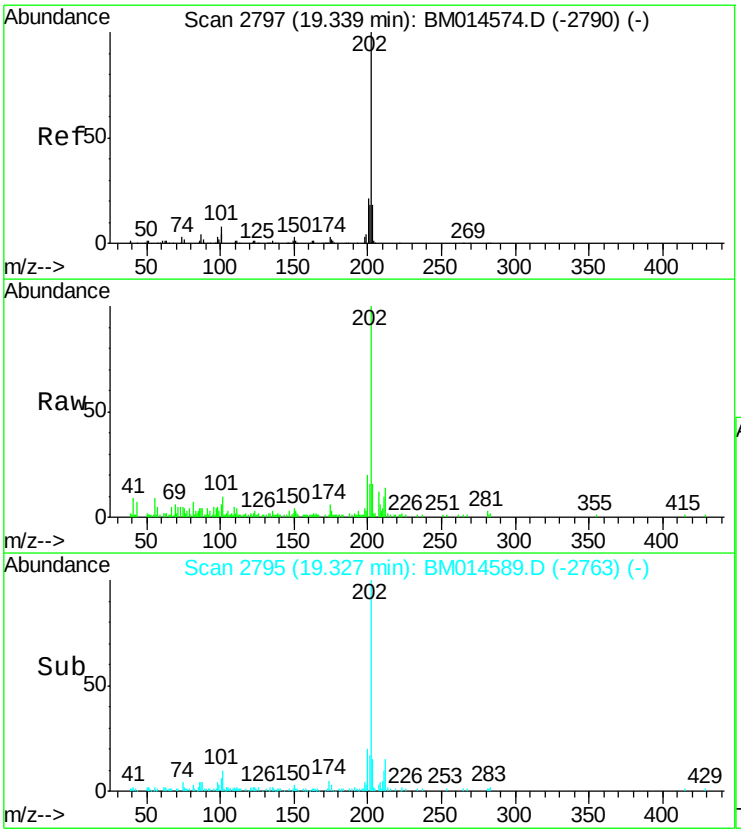
#17
Fluoranthene
Concen: 2.118 ng/ul
RT: 18.97 min Scan# 2734
Delta R.T. -0.00 min
Lab File: BM014589.D
Acq: 15 Mar 2018 22:51

Instrument :
BNA_M
ClientSampleId :
BEL27

Tgt Ion:202 Resp: 73992

Ion	Ratio	Lower	Upper
202	100		
101	6.7	4.6	7.0
100	5.6	3.4	5.2#

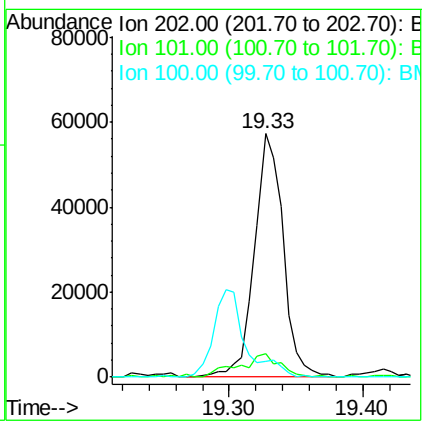


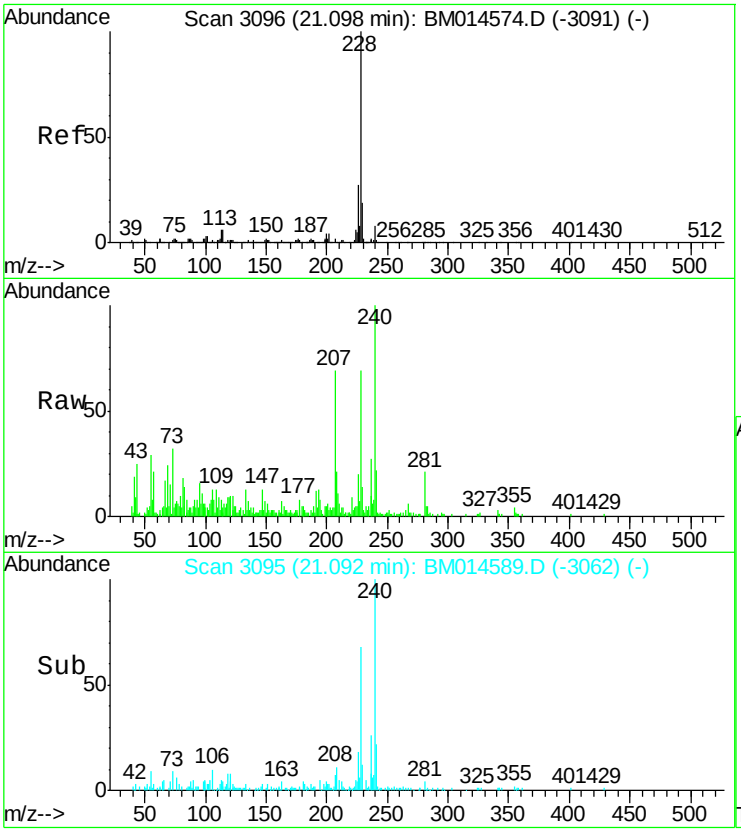


#20
Pyrene
Concen: 2.604 ng/ul
RT: 19.33 min Scan# 2795
Delta R.T. -0.01 min
Lab File: BM014589.D
Acq: 15 Mar 2018 22:51

Tgt Ion:202 Resp: 84906

Ion	Ratio	Lower	Upper
202	100		
101	9.8	5.1	7.7#
100	6.3	4.9	7.3



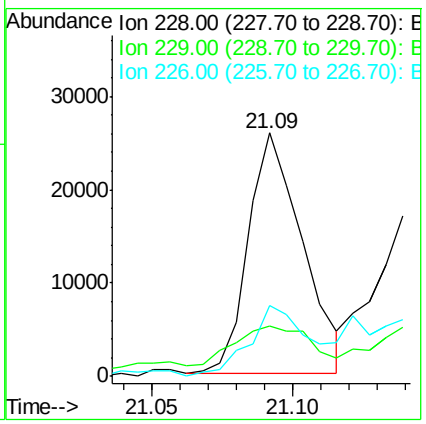


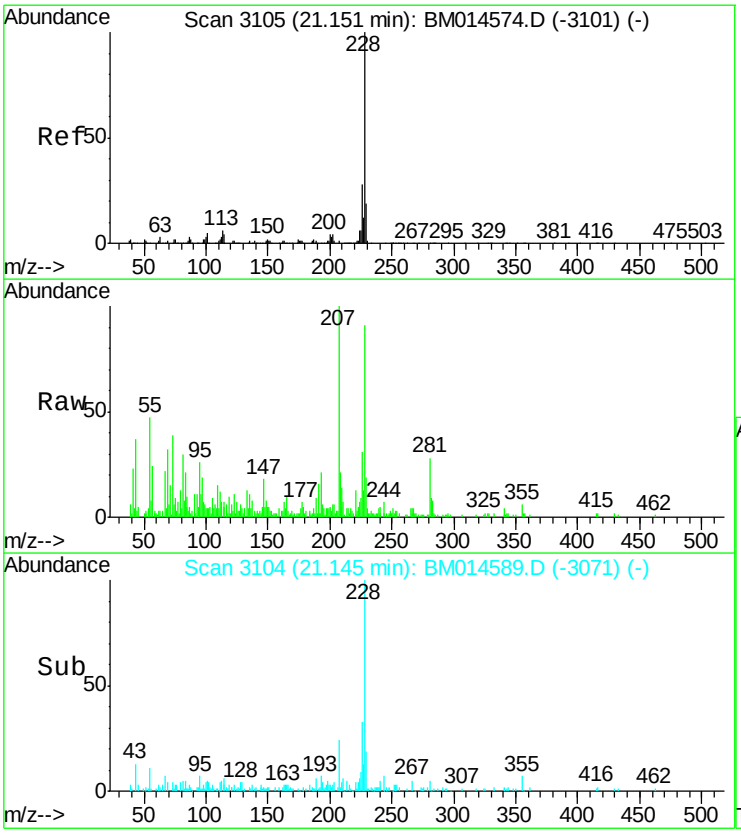
#21
Benzo(a)anthracene
Concen: 1.247 ng/ul
RT: 21.09 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM014589.D
Acq: 15 Mar 2018 22:51

Instrument :
BNA_M
ClientSampleId :
BEL27

Tgt Ion:228 Resp: 34206

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.4	23.0
226	29.3	21.4	32.0

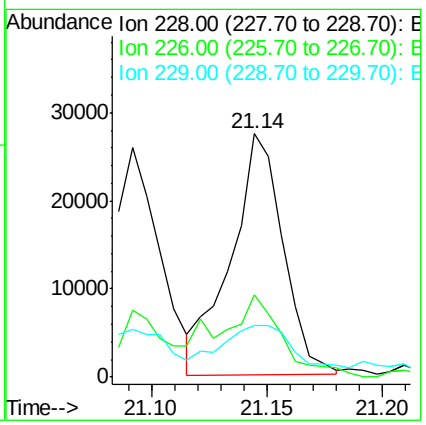


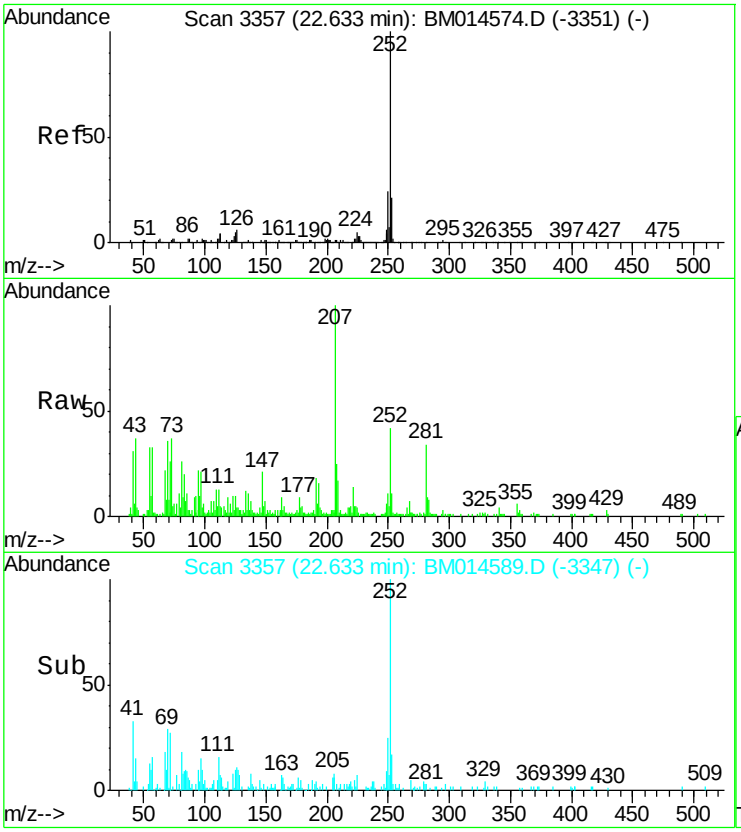


#22
Chrysene
Concen: 1.723 ng/ul
RT: 21.14 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM014589.D
Acq: 15 Mar 2018 22:51

Tgt Ion:228 Resp: 43433

Ion	Ratio	Lower	Upper
228	100		
226	33.9	23.4	35.2
229	21.3	15.5	23.3



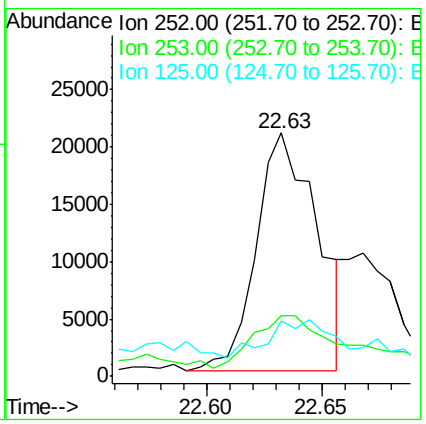


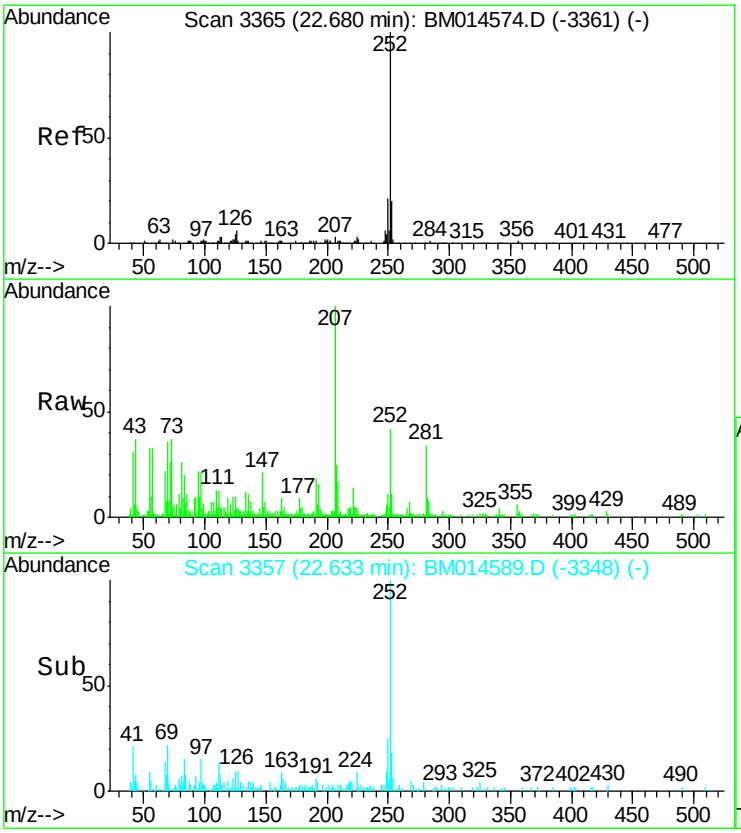
#24
Benzo(b)fluoranthene
Concen: 1.630 ng/ul
RT: 22.63 min Scan# 3357
Delta R.T. -0.00 min
Lab File: BM014589.D
Acq: 15 Mar 2018 22:51

Instrument :
BNA_M
ClientSampleId :
BEL27

Tgt Ion:252 Resp: 38395

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.9	26.9
125	22.5	3.6	5.4#

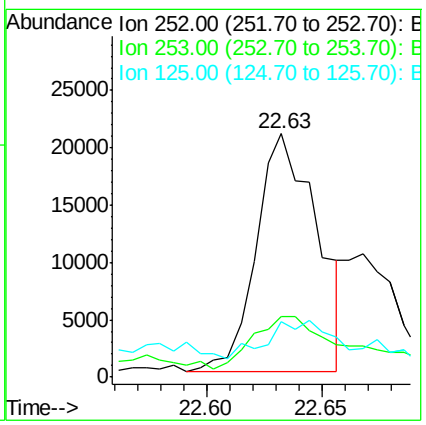


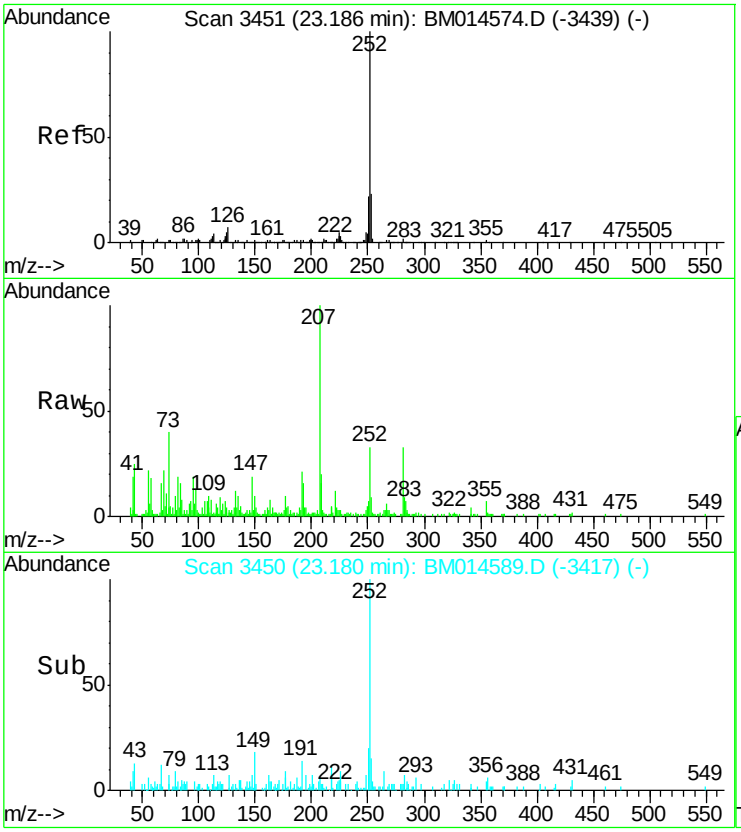


#25
Benzo(k)fluoranthene
Concen: 1.715 ng/ul
RT: 22.63 min Scan# 3357
Delta R.T. -0.05 min
Lab File: BM014589.D
Acq: 15 Mar 2018 22:51

Tgt Ion:252 Resp: 38395

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.1	25.7
125	22.5	3.4	5.2#





#27
Benzo(a)pyrene
Concen: 1.219 ng/ul
RT: 23.18 min Scan# 3450
Delta R.T. -0.01 min
Lab File: BM014589.D
Acq: 15 Mar 2018 22:51

Instrument :
BNA_M
ClientSampleId :
BEL27

Tgt Ion:252 Resp: 27265

Ion	Ratio	Lower	Upper
252	100		
253	26.6	18.2	27.2
125	12.7	4.0	6.0#