Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM031518\
Data File : BM014597.D
Acq On : 16 Mar 2018 03:40
Operator : SJ/JU
Sample : J1904-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEL15

Quant Time: Mar 16 15:25:49 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	106457	20.00	ng/ul	0.00
2) Naphthalene-d8	10.22	136	438238	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	235725	20.00	ng/ul	0.00
12) Phenanthrene-d10	16.89	188	486239	20.00	ng/ul	0.00
18) Chrysene-d12	21.11	240	401134	20.00	ng/ul	0.00
23) Perylene-d12	23.28	264	423295	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	9.89	165	120150	17.74	ng/ul	0.00
7) Acenaphthylene-d8	13.81	160	535871	21.27	ng/ul	0.00
10) Fluorene-d10	15.13	176	348328	21.11	ng/ul	0.00
15) Anthracene-d10	16.99	188	496000	21.31	ng/ul	0.00
19) Pyrene-d10	19.30	212	499426	20.71	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.14	264	459802	22.45	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	16.93	178	66763	2.452	ng/ul	96
16) Anthracene	16.93	178	66763	2.453	ng/ul	94
17) Fluoranthene	18.97	202	119340	3.861	ng/ul#	97
20) Pyrene	19.33	202	124525	4.128	ng/ul	98
21) Benzo(a)anthracene	21.10	228	67804	2.673	ng/ul	94
22) Chrysene	21.10	228	69108	2.963	ng/ul	97
24) Benzo(b)fluoranthene	22.64	252	83071	3.121	ng/ul#	80
25) Benzo(k)fluoranthene	22.67	252	32317	1.278	ng/ul#	59
27) Benzo(a)pyrene	23.19	252	73904	2.926	ng/ul#	82
28) Indeno(1,2,3-cd)pyrene	25.43	276	59292	2.039	ng/ul#	81
30) Benzo(g,h,i)perylene	26.09	276	76194	3.290	ng/ul#	81

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

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Operator : SJ/JU
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEL15

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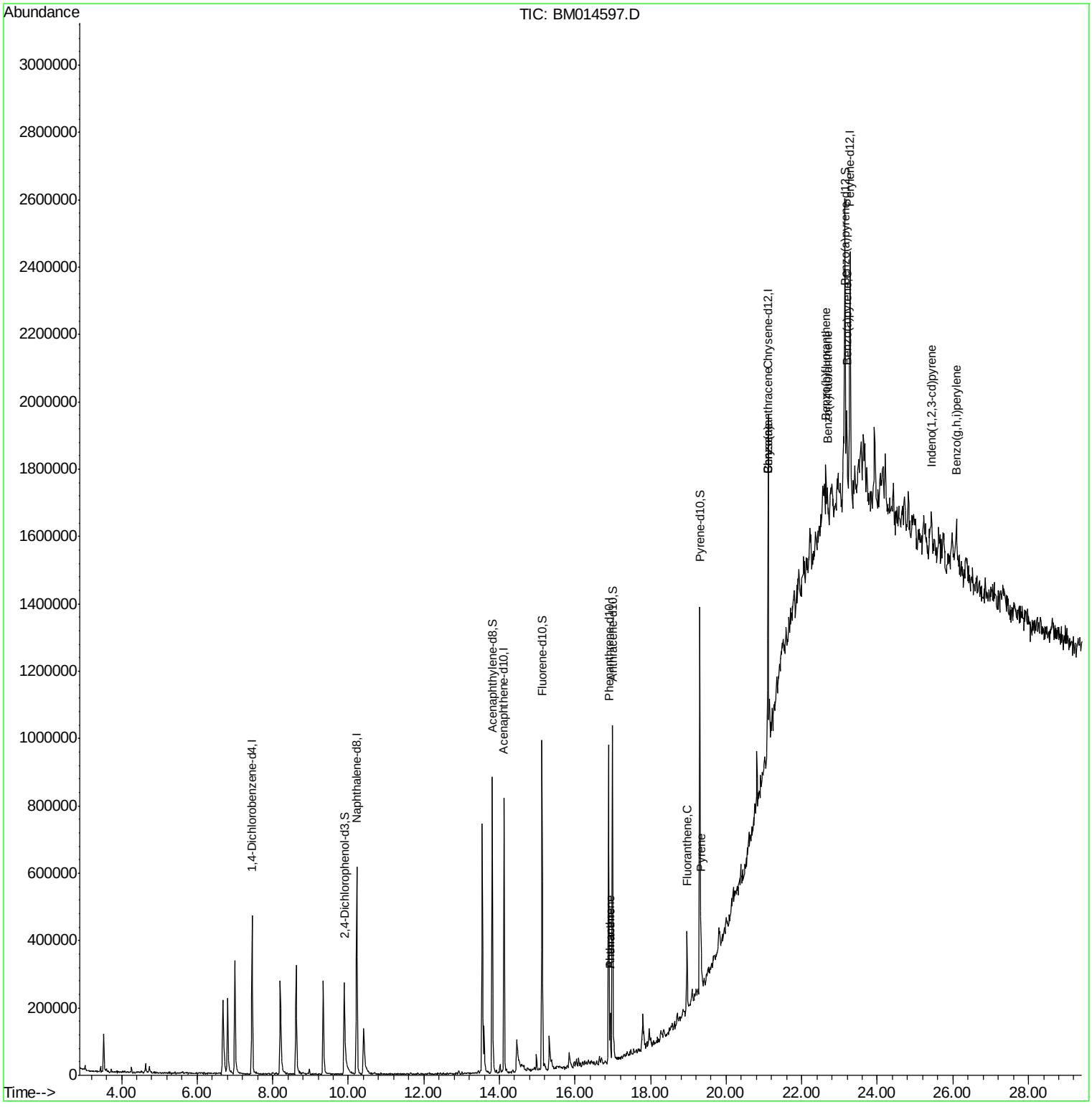
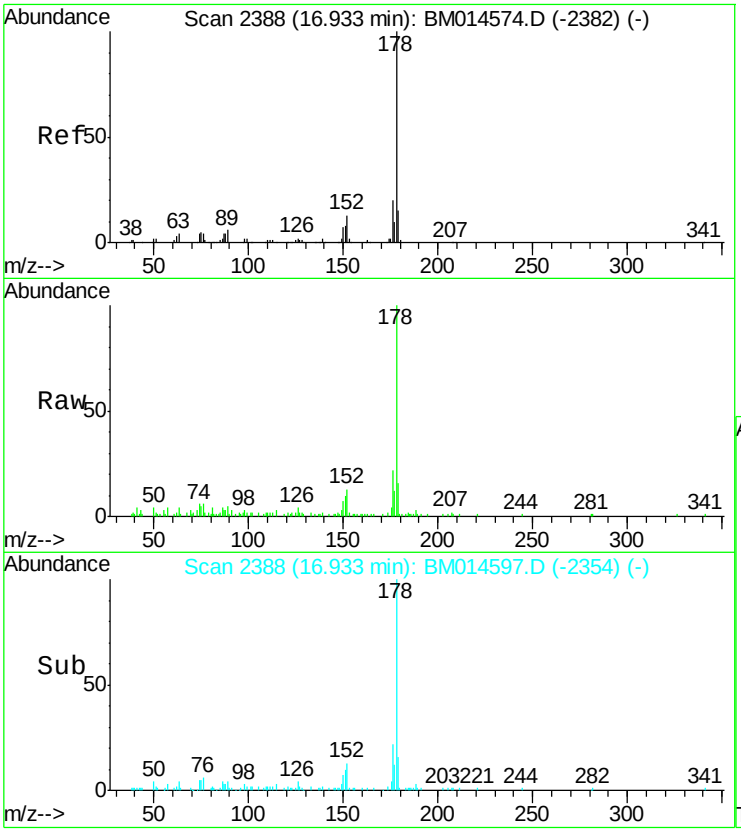


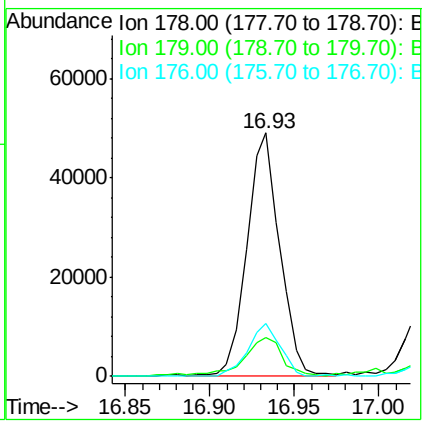


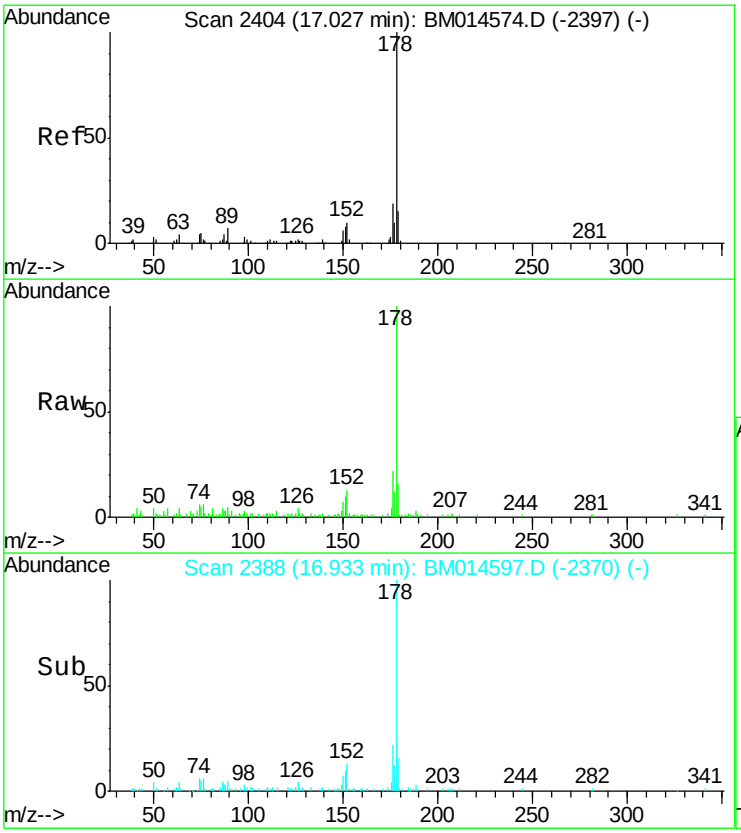
#14
Phenanthrene
Concen: 2.452 ng/ul
RT: 16.93 min Scan# 2388
Delta R.T. 0.00 min
Lab File: BM014597.D
Acq: 16 Mar 2018 03:40

Instrument :
BNA_M
ClientSampleId :
BEL15

Tgt Ion:178 Resp: 66763

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	19.0
176	21.8	14.9	22.3

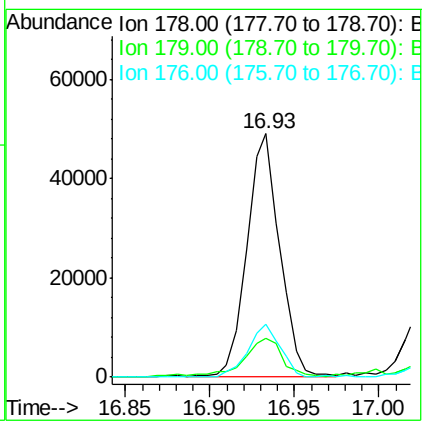


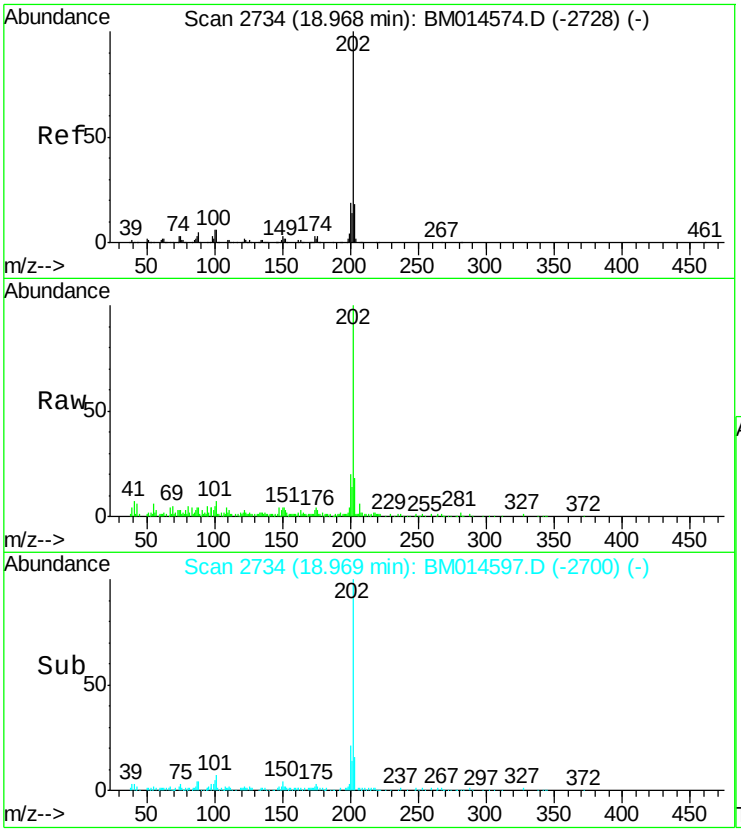


#16
Anthracene
Concen: 2.453 ng/ul
RT: 16.93 min Scan# 2388
Delta R.T. -0.09 min
Lab File: BM014597.D
Acq: 16 Mar 2018 03:40

Tgt Ion:178 Resp: 66763

Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.7	17.5
176	21.8	14.6	21.8



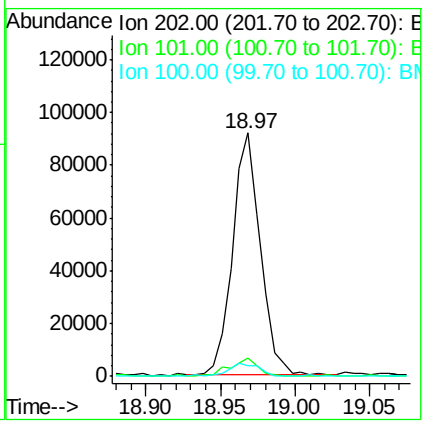


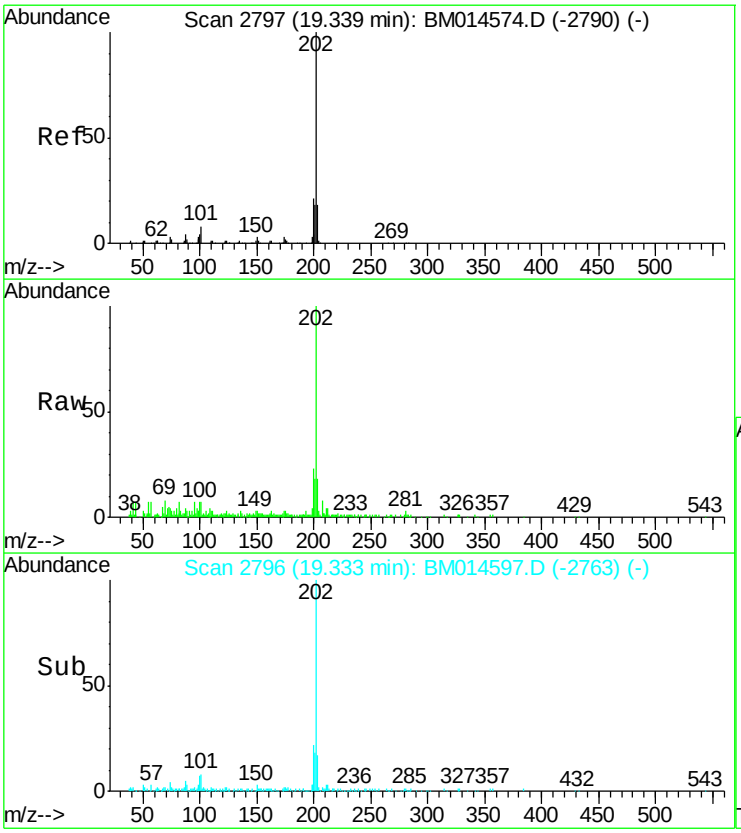
#17
Fluoranthene
Concen: 3.861 ng/ul
RT: 18.97 min Scan# 2734
Delta R.T. 0.00 min
Lab File: BM014597.D
Acq: 16 Mar 2018 03:40

Instrument :
BNA_M
ClientSampleId :
BEL15

Tgt Ion:202 Resp: 119340

Ion	Ratio	Lower	Upper
202	100		
101	7.5	4.6	7.0#
100	4.6	3.4	5.2

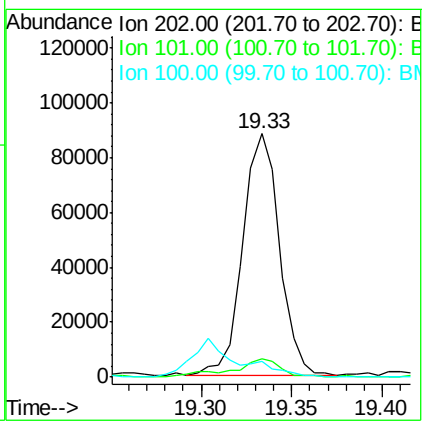


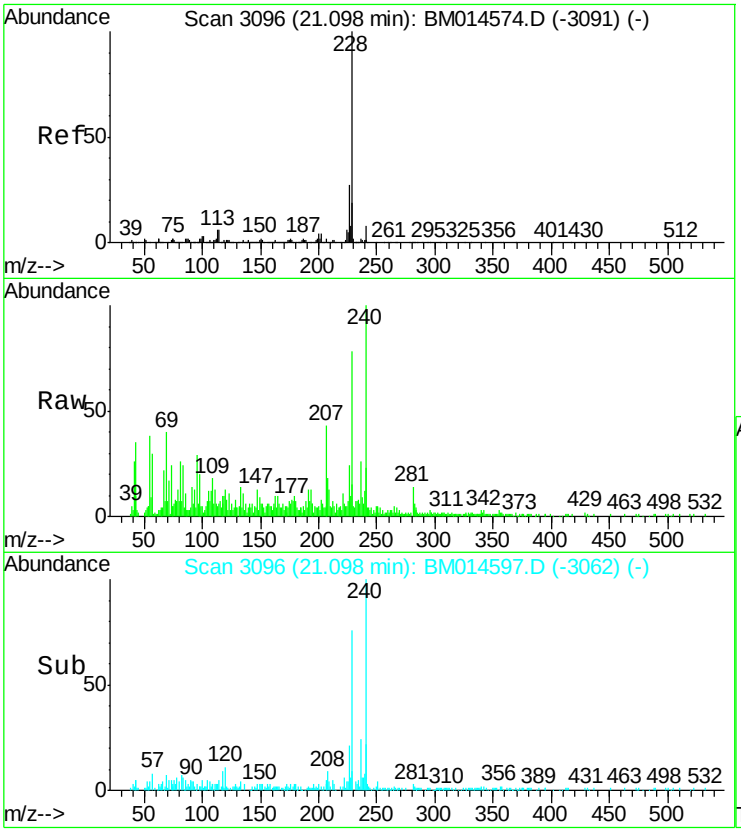


#20
Pyrene
Concen: 4.128 ng/ul
RT: 19.33 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BM014597.D
Acq: 16 Mar 2018 03:40

Tgt Ion:202 Resp: 124525

Ion	Ratio	Lower	Upper
202	100		
101	7.4	5.1	7.7
100	6.6	4.9	7.3



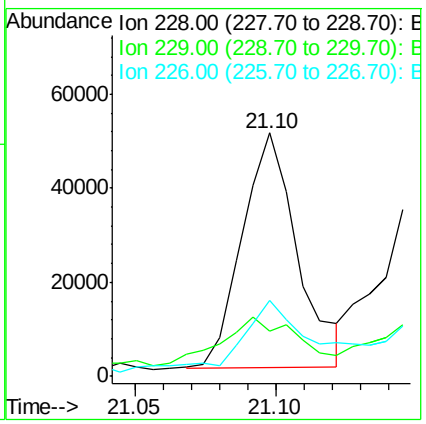


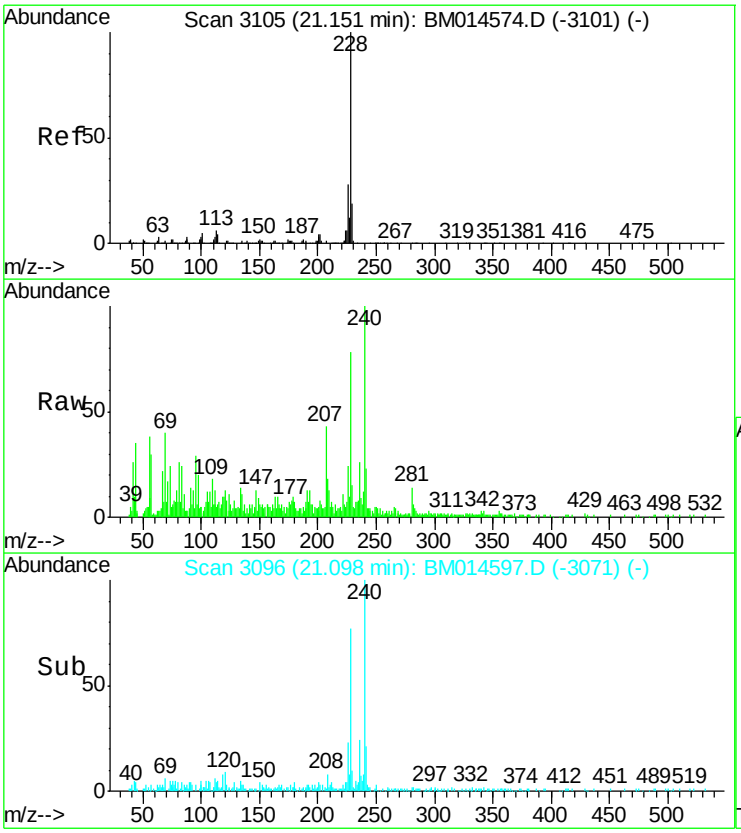
#21
Benzo(a)anthracene
Concen: 2.673 ng/ul
RT: 21.10 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BM014597.D
Acq: 16 Mar 2018 03:40

Instrument :
BNA_M
ClientSampleId :
BEL15

Tgt Ion:228 Resp: 67804

Ion	Ratio	Lower	Upper
228	100		
229	18.8	15.4	23.0
226	31.5	21.4	32.0

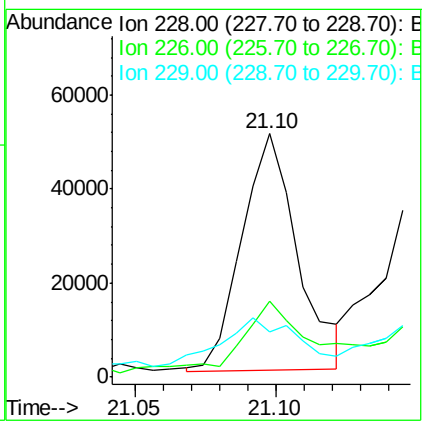


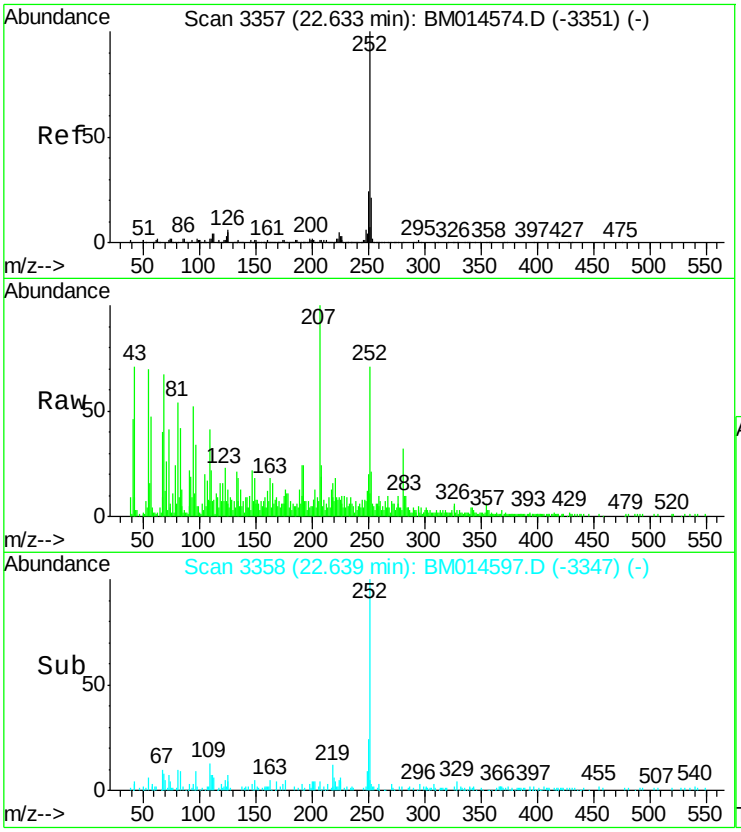


#22
Chrysene
Concen: 2.963 ng/ul
RT: 21.10 min Scan# 3096
Delta R.T. -0.05 min
Lab File: BM014597.D
Acq: 16 Mar 2018 03:40

Tgt Ion:228 Resp: 69108

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.4	35.2
229	18.8	15.5	23.3



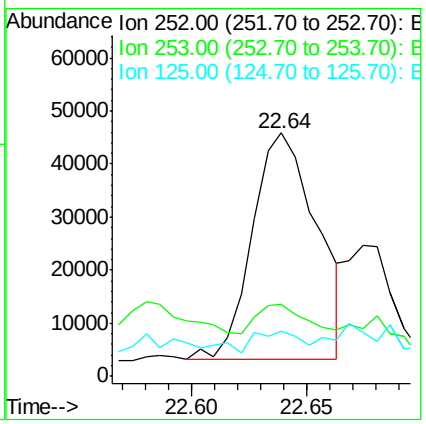


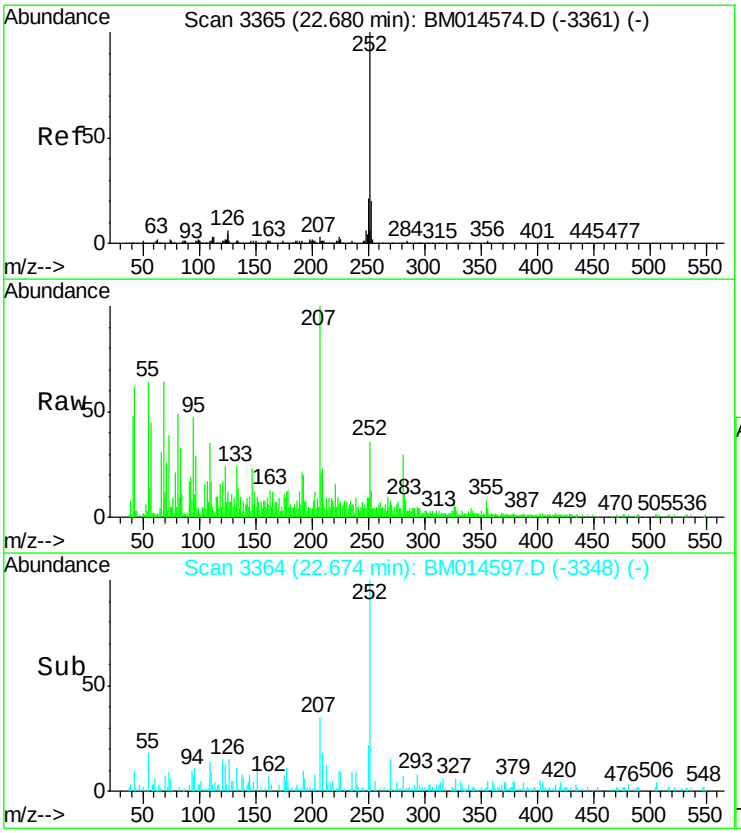
#24
Benzo(b)fluoranthene
Concen: 3.121 ng/ul
RT: 22.64 min Scan# 3358
Delta R.T. 0.01 min
Lab File: BM014597.D
Acq: 16 Mar 2018 03:40

Instrument :
BNA_M
ClientSampleId :
BEL15

Tgt Ion:252 Resp: 83071

Ion	Ratio	Lower	Upper
252	100		
253	29.6	17.9	26.9#
125	18.6	3.6	5.4#

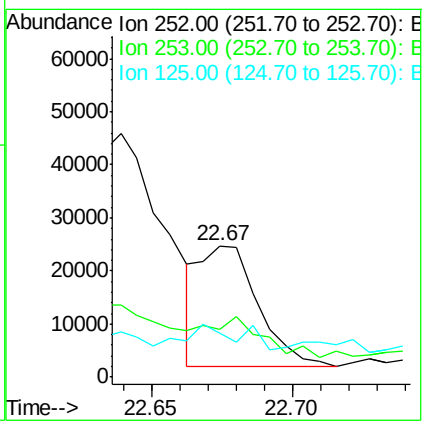


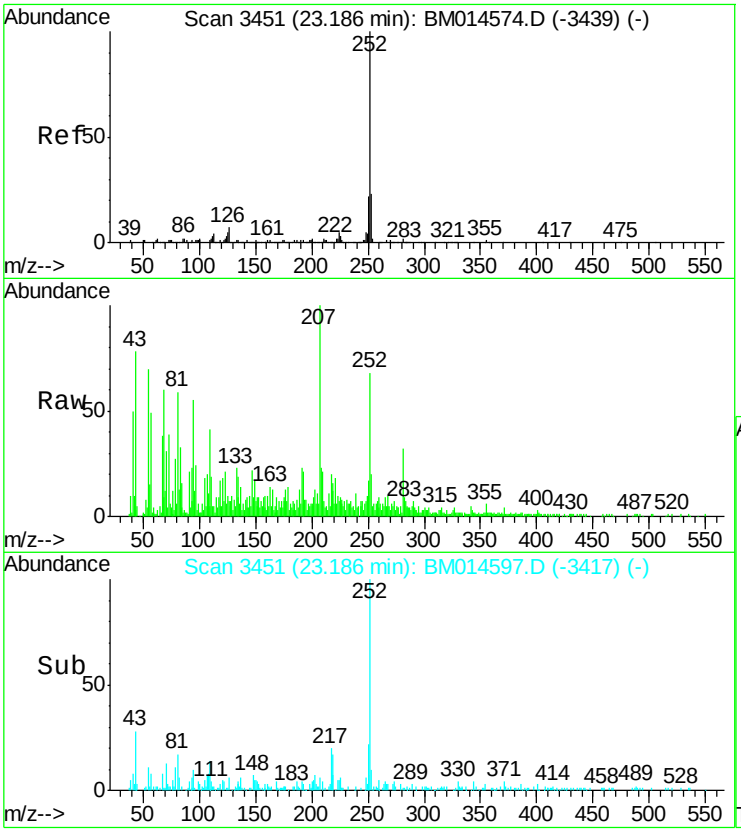


#25
Benzo(k)fluoranthene
Concen: 1.278 ng/ul
RT: 22.67 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BM014597.D
Acq: 16 Mar 2018 03:40

Tgt Ion:252 Resp: 32317

Ion	Ratio	Lower	Upper
252	100		
253	36.4	17.1	25.7#
125	33.2	3.4	5.2#



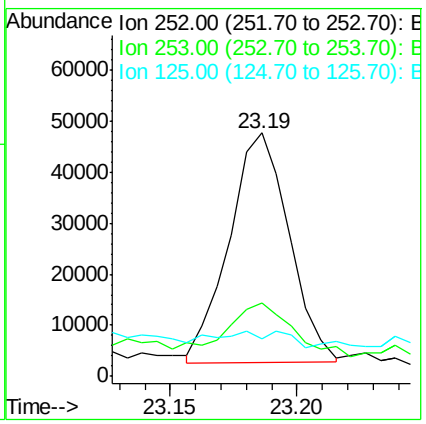


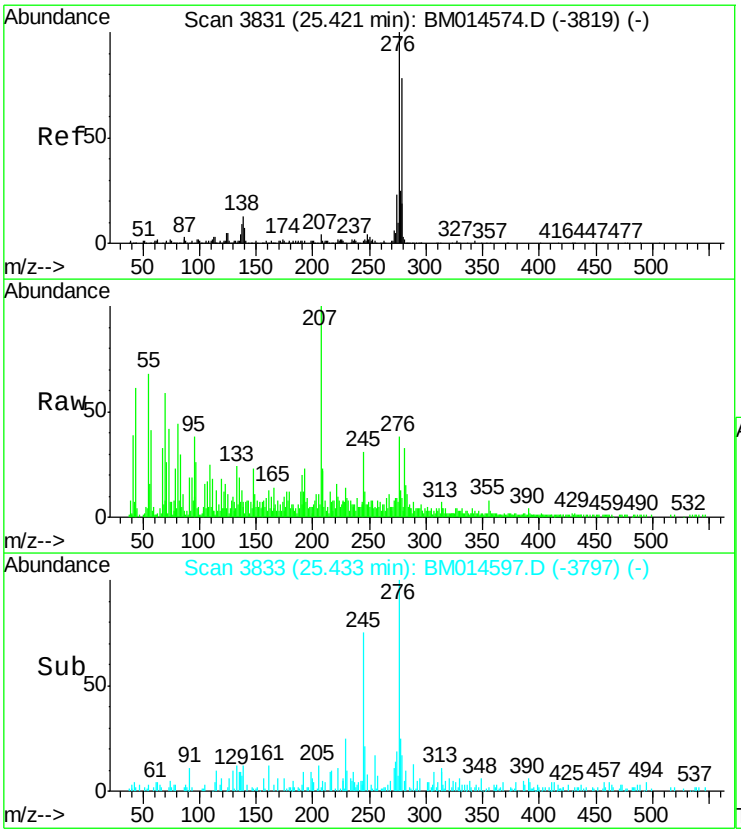
#27
Benzo(a)pyrene
Concen: 2.926 ng/ul
RT: 23.19 min Scan# 3451
Delta R.T. 0.00 min
Lab File: BM014597.D
Acq: 16 Mar 2018 03:40

Instrument :
BNA_M
ClientSampleId :
BEL15

Tgt Ion:252 Resp: 73904

Ion	Ratio	Lower	Upper
252	100		
253	30.1	18.2	27.2#
125	15.4	4.0	6.0#

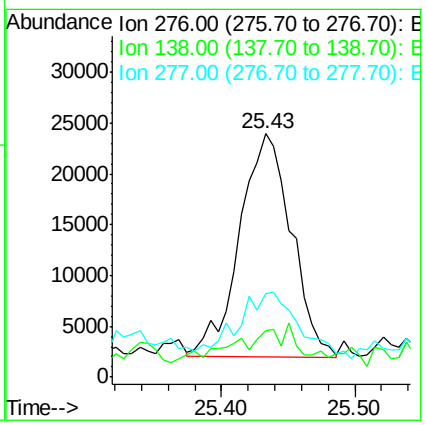


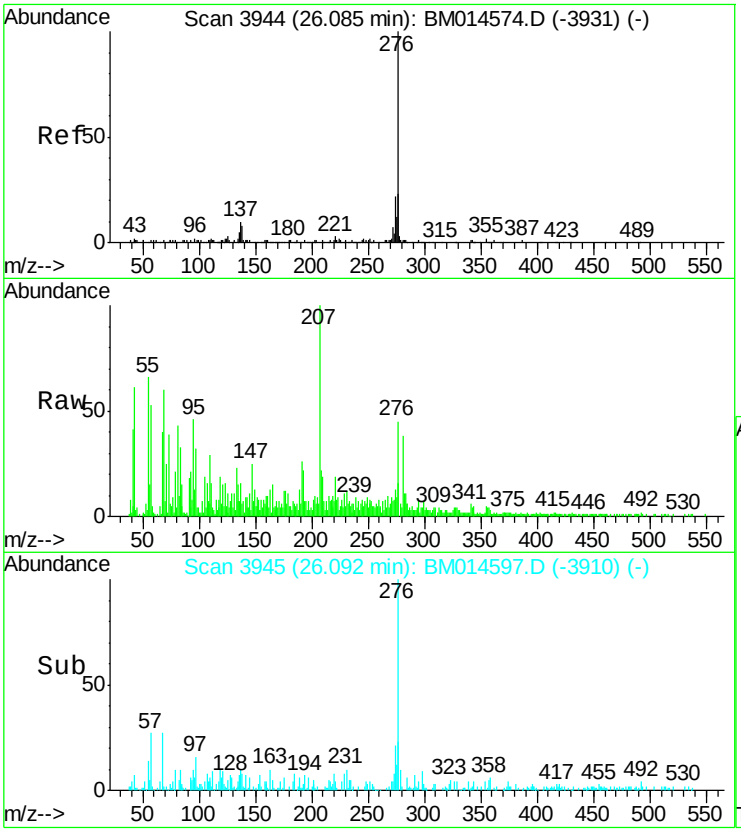


#28
Indeno(1,2,3-cd)pyrene
Concen: 2.039 ng/ul
RT: 25.43 min Scan# 3833
Delta R.T. 0.01 min
Lab File: BM014597.D
Acq: 16 Mar 2018 03:40

Tgt Ion:276 Resp: 59292

Ion	Ratio	Lower	Upper
276	100		
138	19.3	9.3	13.9#
277	34.3	19.9	29.9#





#30
Benzo(g,h,i)perylene
Concen: 3.290 ng/ul
RT: 26.09 min Scan# 3945
Delta R.T. 0.01 min
Lab File: BM014597.D
Acq: 16 Mar 2018 03:40

Instrument :
BNA_M
ClientSampleId :
BEL15

Tgt Ion:276 Resp: 76194

Ion	Ratio	Lower	Upper
276	100		
138	13.9	8.5	12.7#
277	34.6	18.6	28.0#