Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM031518\
Data File : BM014577.D
Acq On : 15 Mar 2018 14:45
Operator : SJ/JU
Sample : SSTD16048
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16048

Quant Time: Mar 16 14:44:10 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031518-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 16 14:35:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	87307	20.00	ng/ul	0.00
2) Naphthalene-d8	10.23	136	347722	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.13	164	187141	20.00	ng/ul	0.00
12) Phenanthrene-d10	16.89	188	398322	20.00	ng/ul	0.00
18) Chrysene-d12	21.12	240	324146	20.00	ng/ul	0.00
23) Perylene-d12	23.28	264	278646	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	9.88	165	1009848	187.92	ng/ul	0.00
7) Acenaphthylene-d8	13.82	160	3569563	178.48	ng/ul	0.01
10) Fluorene-d10	15.13	176	2343440	178.86	ng/ul	0.00
15) Anthracene-d10	17.00	188	3351018	175.73	ng/ul	0.00
19) Pyrene-d10	19.31	212	3235894	166.07	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.15	264	2375043	175.65	ng/ul	0.01
Target Compounds						Qvalue
4) Naphthalene	10.28	128	3127059	177.065	ng/ul	98
5) 2-Methylnaphthalene	11.90	142	2219825	179.631	ng/ul	94
8) Acenaphthylene	13.85	152	3299166	177.720	ng/ul	99
9) Acenaphthene	14.19	153	2269923	178.671	ng/ul	99
11) Fluorene	15.19	166	2838585	188.550	ng/ul	99
13) Pentachlorophenol	16.56	266	374389	205.331	ng/ul	96
14) Phenanthrene	16.94	178	3970518	177.991	ng/ul	99
16) Anthracene	17.03	178	3971592	178.106	ng/ul	98
17) Fluoranthene	18.97	202	4285942	169.264	ng/ul#	97
20) Pyrene	19.34	202	4162227	170.735	ng/ul#	94
21) Benzo(a)anthracene	21.10	228	3471726	169.366	ng/ul	99
22) Chrysene	21.16	228	3246793	172.264	ng/ul	99
24) Benzo(b)fluoranthene	22.64	252	3181905	181.132	ng/ul#	98
25) Benzo(k)fluoranthene	22.69	252	2926830	174.497	ng/ul#	99
27) Benzo(a)pyrene	23.20	252	2951395	177.490	ng/ul#	98
28) Indeno(1,2,3-cd)pyrene	25.46	276	3602536	188.236	ng/ul#	97
29) Dibenzo(a,h)anthracene	25.46	278	3087042	192.713	ng/ul#	97
30) Benzo(g,h,i)perylene	26.11	276	2770876	180.466	ng/ul	98

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM031518\
Data File : BM014577.D
Acq On : 15 Mar 2018 14:45
Operator : SJ/JU
Sample : SSTD16048
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SSTD16048

Quant Time: Mar 16 14:44:10 2018
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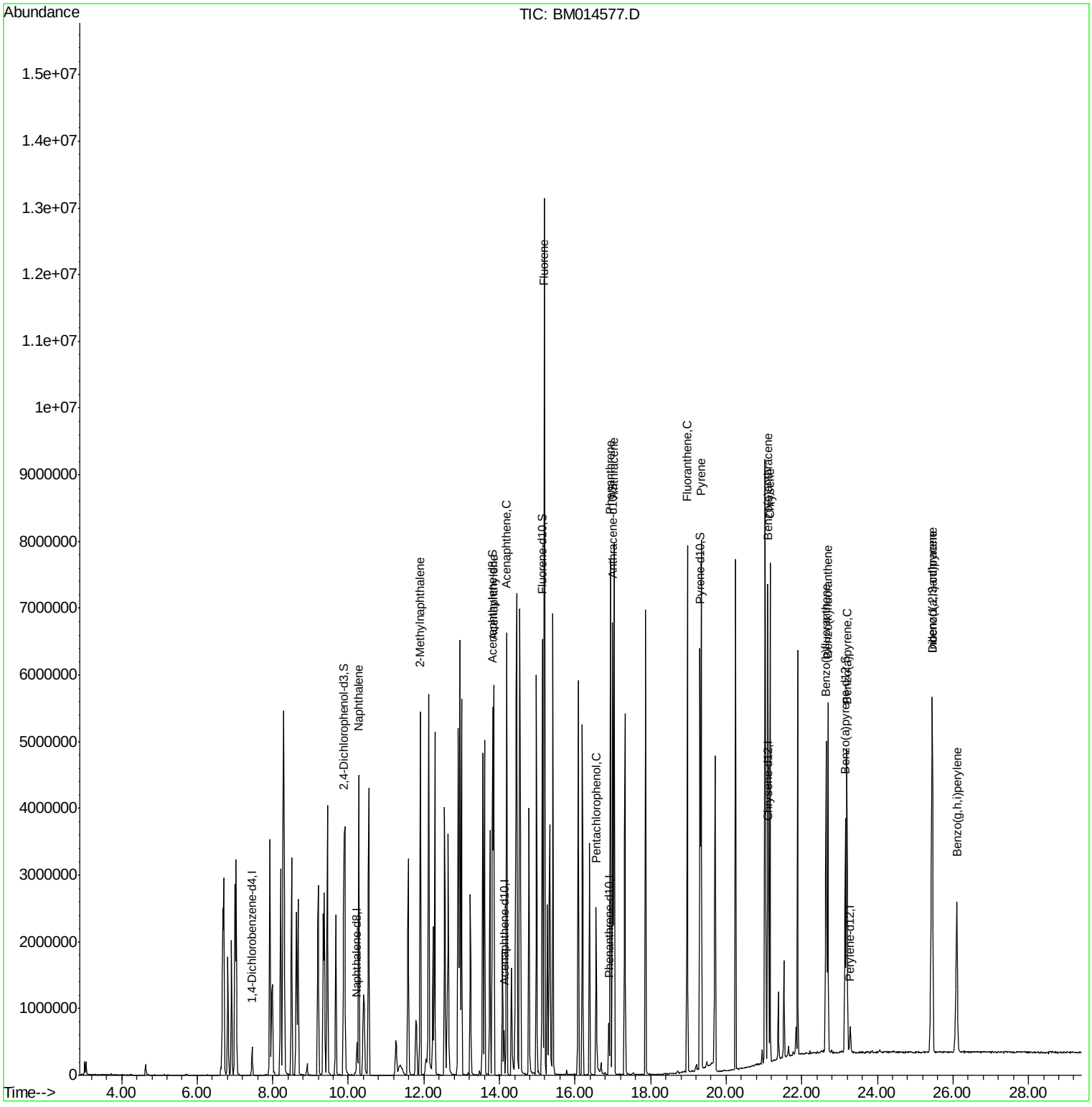
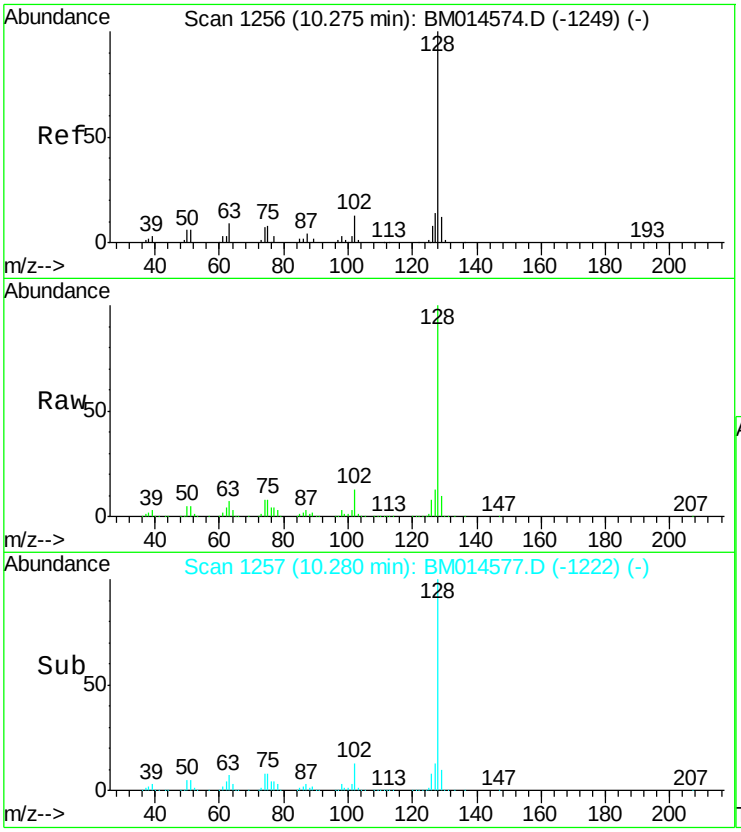
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 16 14:35:19 2018
Response via : Initial Calibration



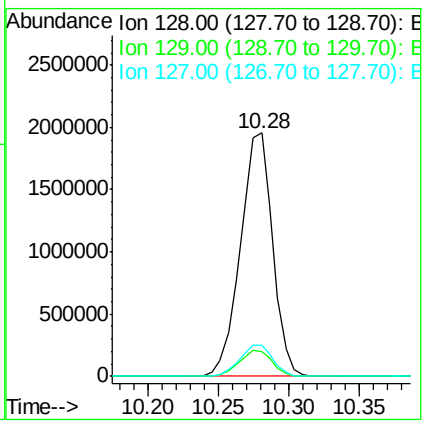


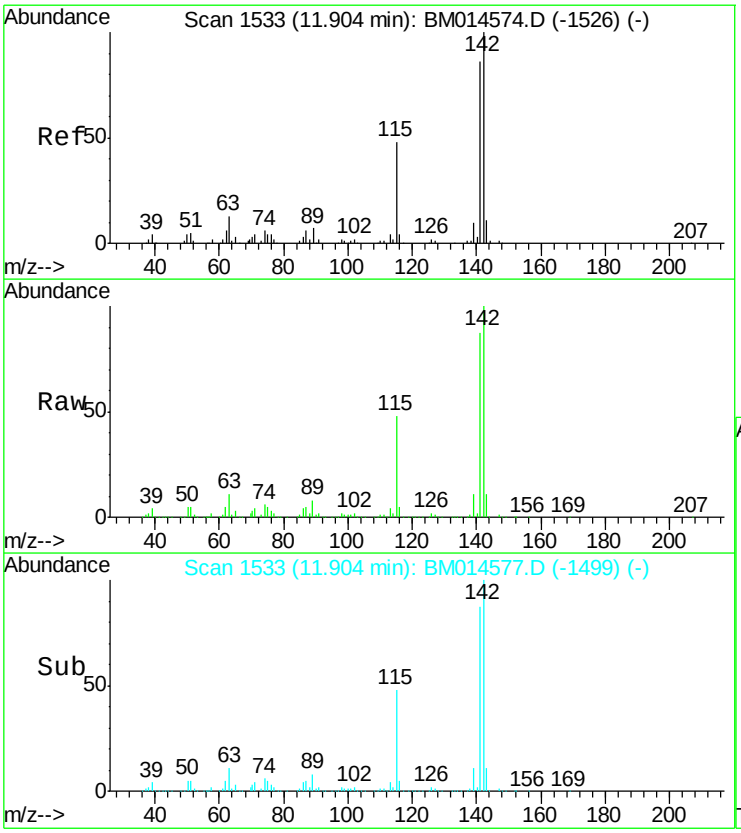
#4
Naphthalene
Concen: 177.065 ng/ul
RT: 10.28 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BM014577.D
Acq: 15 Mar 2018 14:45

Instrument :
BNA_M
ClientSampleId :
SSTD16048

Tgt Ion:128 Resp: 3127059

Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.8	13.2
127	12.7	10.6	16.0

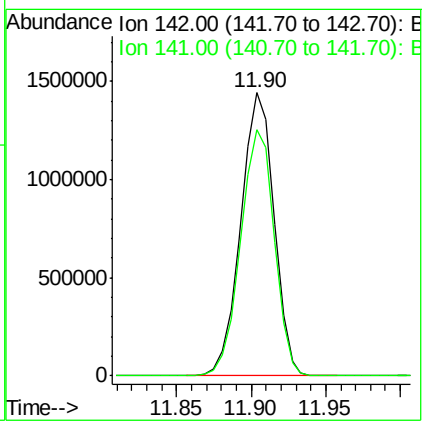


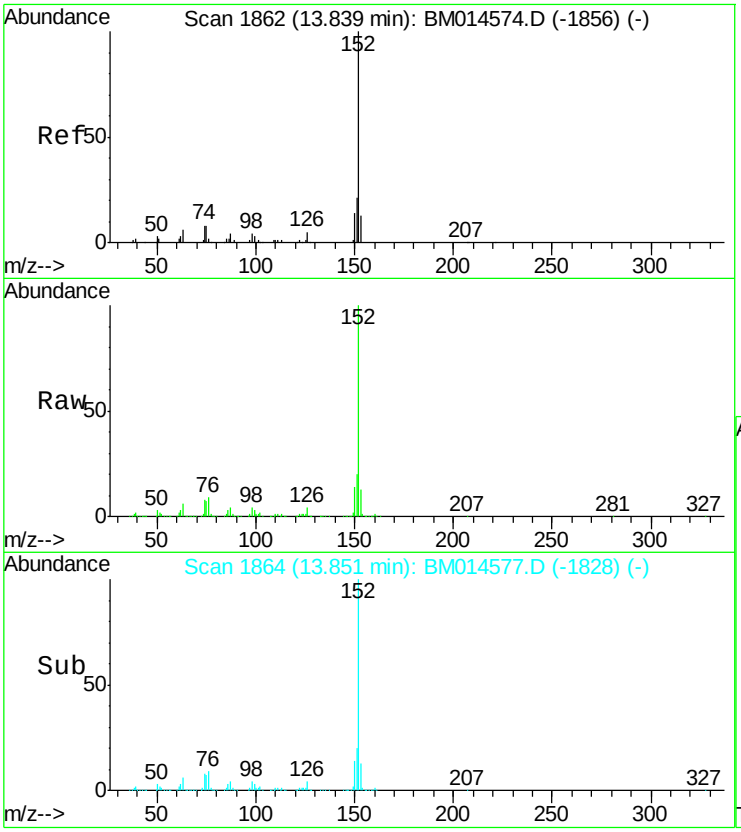


#5
2-Methylnaphthalene
Concen: 179.631 ng/ul
RT: 11.90 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BM014577.D
Acq: 15 Mar 2018 14:45

Tgt Ion:142 Resp: 2219825

Ion	Ratio	Lower	Upper
142	100		
141	87.2	74.1	111.1



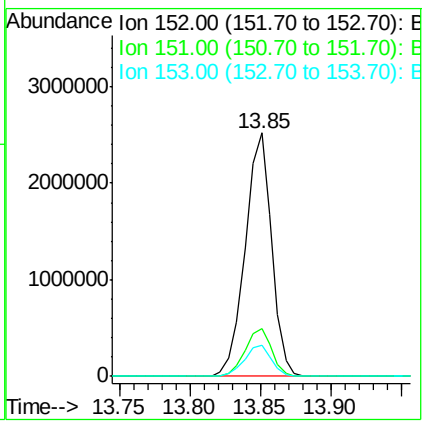


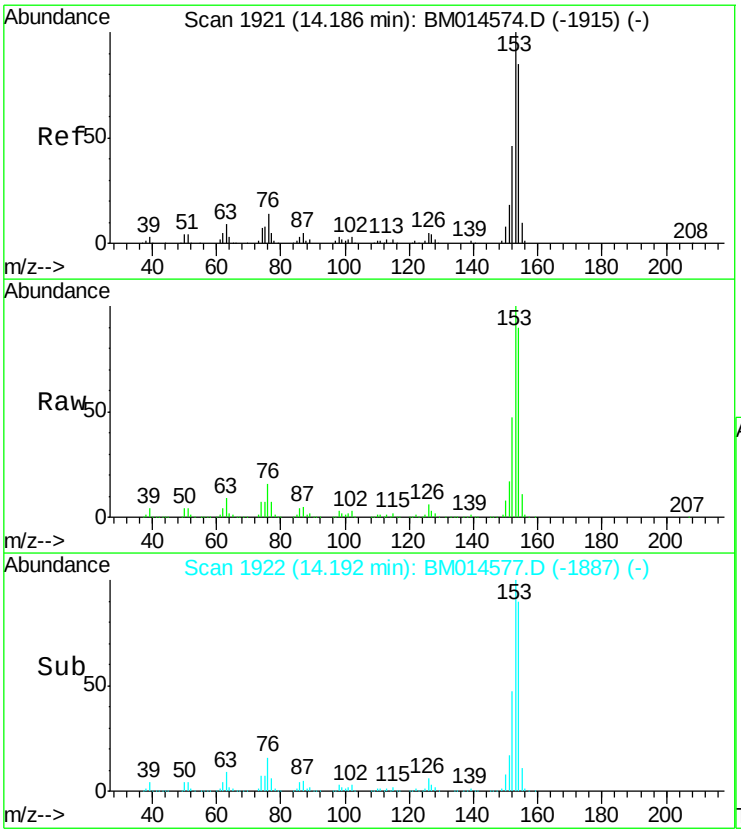
#8
Acenaphthylene
Concen: 177.720 ng/ul
RT: 13.85 min Scan# 1864
Delta R.T. 0.01 min
Lab File: BM014577.D
Acq: 15 Mar 2018 14:45

Instrument :
BNA_M
ClientSampleId :
SSTD16048

Tgt Ion:152 Resp: 3299166

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.3	24.5
153	12.7	10.2	15.4

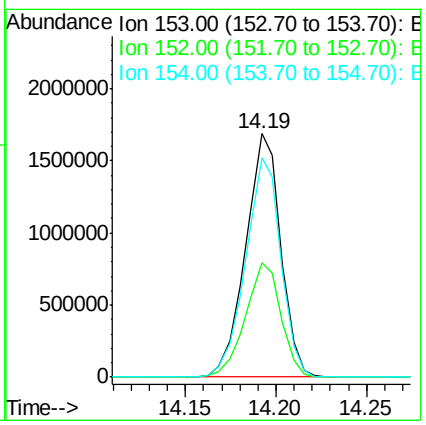


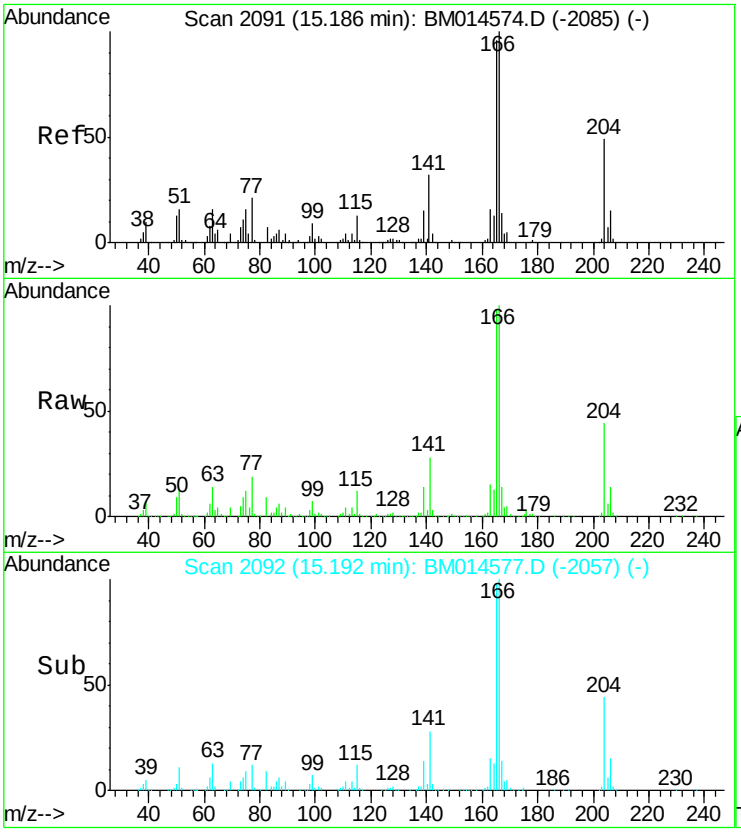


#9
Acenaphthene
Concen: 178.671 ng/ul
RT: 14.19 min Scan# 1922
Delta R.T. 0.01 min
Lab File: BM014577.D
Acq: 15 Mar 2018 14:45

Tgt Ion:153 Resp: 2269923

Ion	Ratio	Lower	Upper
153	100		
152	46.8	37.6	56.4
154	89.9	70.4	105.6



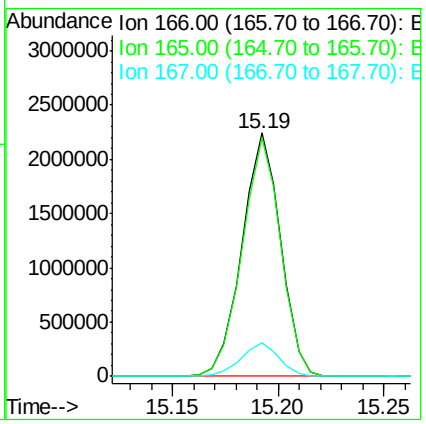


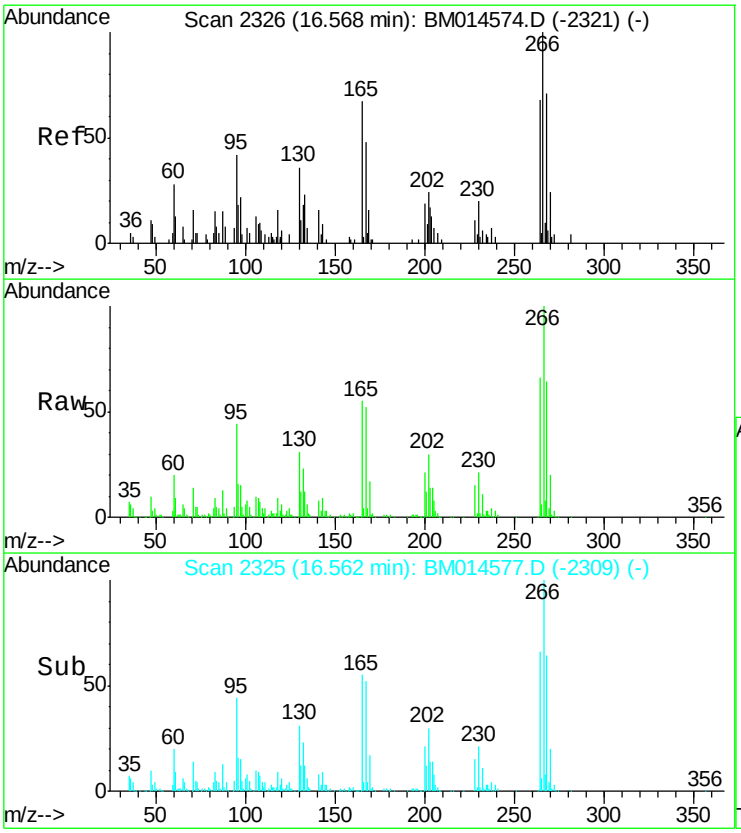
#11
Fluorene
Concen: 188.550 ng/ul
RT: 15.19 min Scan# 2092
Delta R.T. 0.01 min
Lab File: BM014577.D
Acq: 15 Mar 2018 14:45

Instrument :
BNA_M
ClientSampleId :
SSTD16048

Tgt Ion:166 Resp: 2838585

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.9	116.9
167	13.6	10.6	16.0

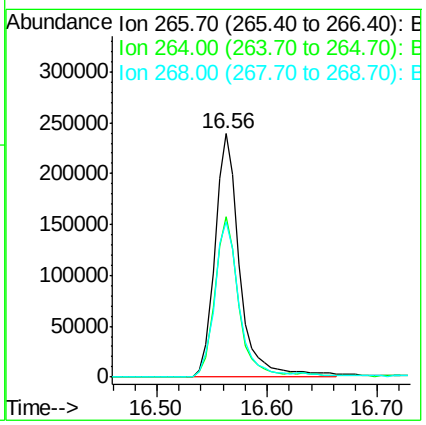


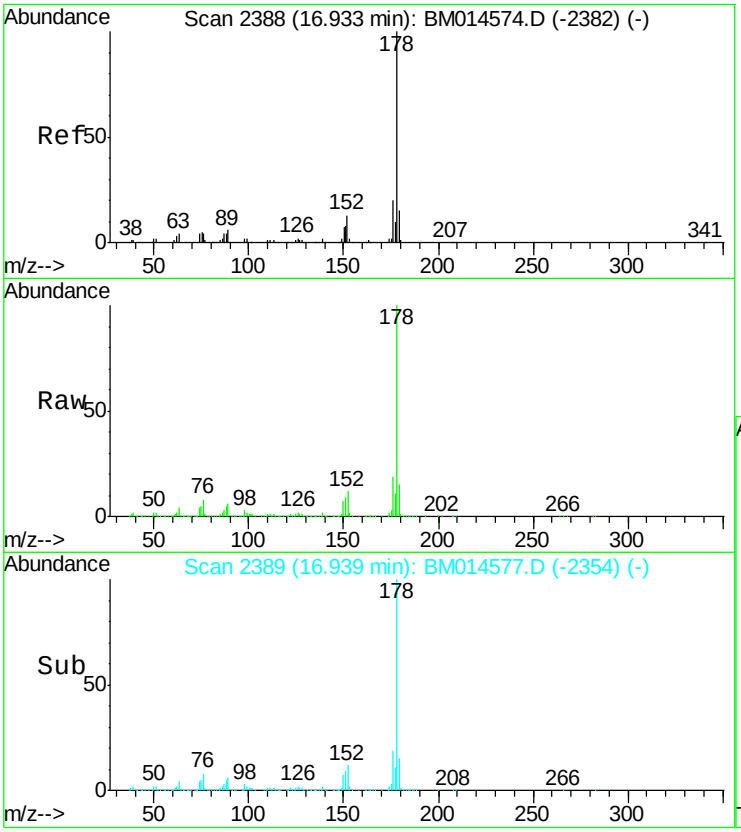


#13
Pentachlorophenol
Concen: 205.331 ng/ul
RT: 16.56 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BM014577.D
Acq: 15 Mar 2018 14:45

Tgt Ion:266 Resp: 374389

Ion	Ratio	Lower	Upper
266	100		
264	66.1	49.3	73.9
268	63.9	52.6	78.8



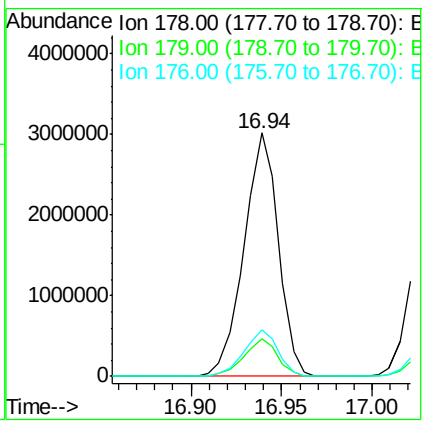


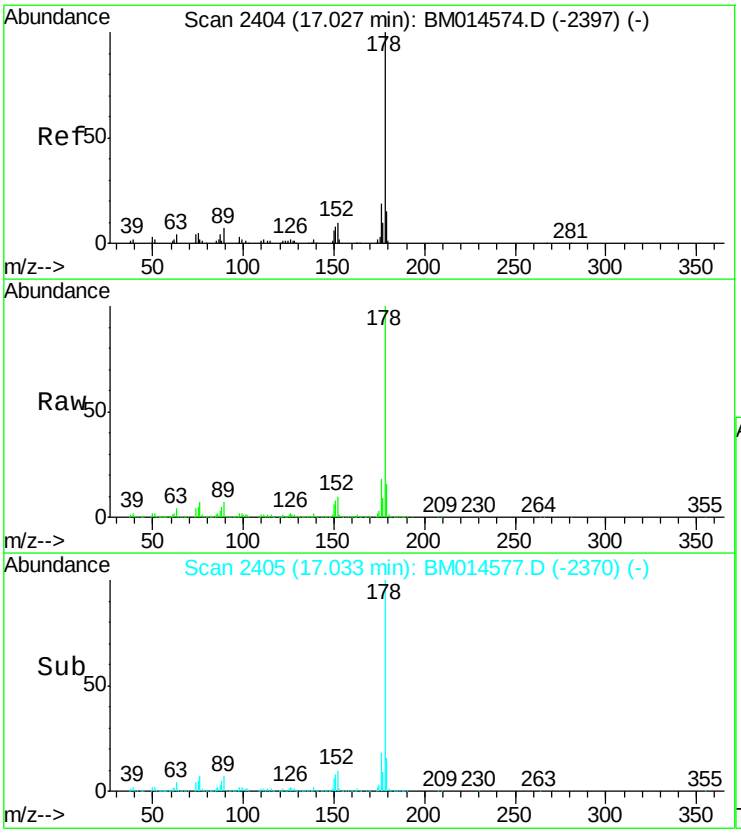
#14
Phenanthrene
Concen: 177.991 ng/ul
RT: 16.94 min Scan# 2389
Delta R.T. 0.01 min
Lab File: BM014577.D
Acq: 15 Mar 2018 14:45

Instrument :
BNA_M
ClientSampleId :
SSTD16048

Tgt Ion:178 Resp: 3970518

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.3	14.9	22.3

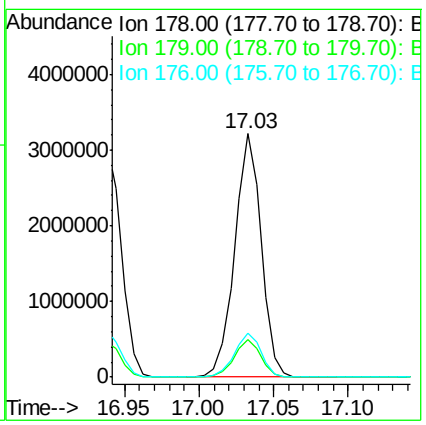


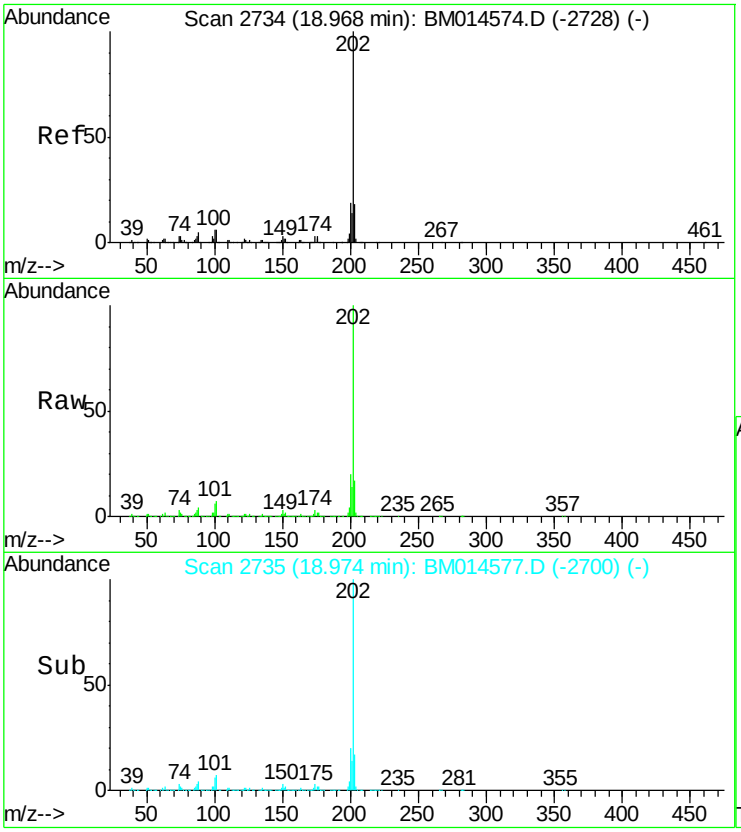


#16
Anthracene
Concen: 178.106 ng/ul
RT: 17.03 min Scan# 2405
Delta R.T. 0.01 min
Lab File: BM014577.D
Acq: 15 Mar 2018 14:45

Tgt Ion:178 Resp: 3971592

Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.7	17.5
176	17.8	14.6	21.8



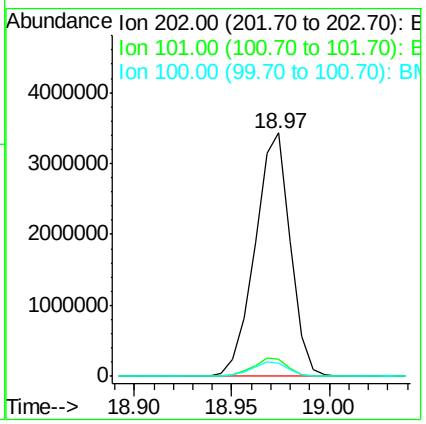


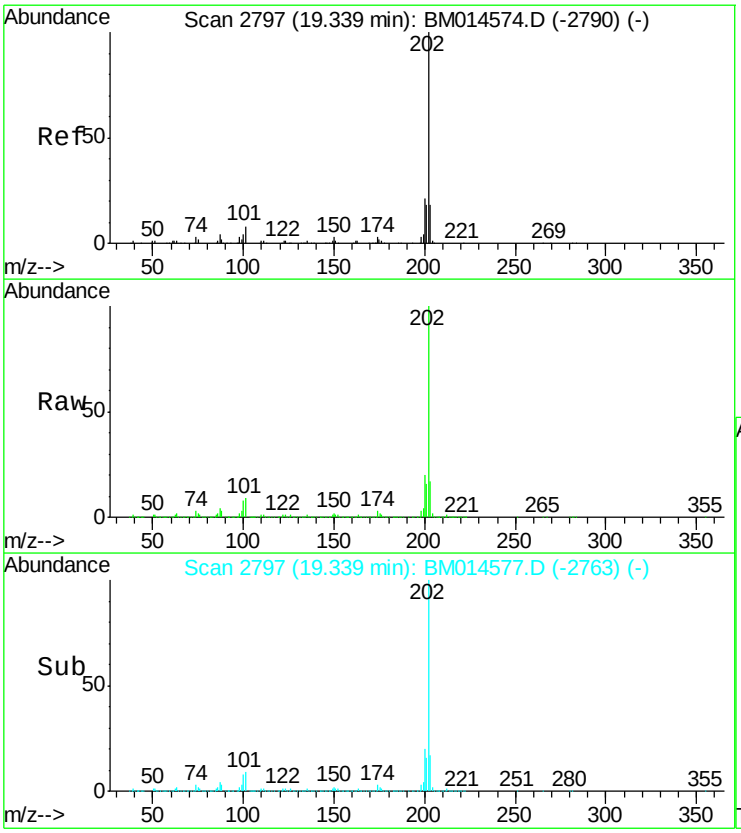
#17
Fluoranthene
Concen: 169.264 ng/ul
RT: 18.97 min Scan# 2735
Delta R.T. 0.01 min
Lab File: BM014577.D
Acq: 15 Mar 2018 14:45

Instrument :
BNA_M
ClientSampleId :
SSTD16048

Tgt Ion:202 Resp: 4285942

Ion	Ratio	Lower	Upper
202	100		
101	6.8	4.6	7.0
100	5.6	3.4	5.2#

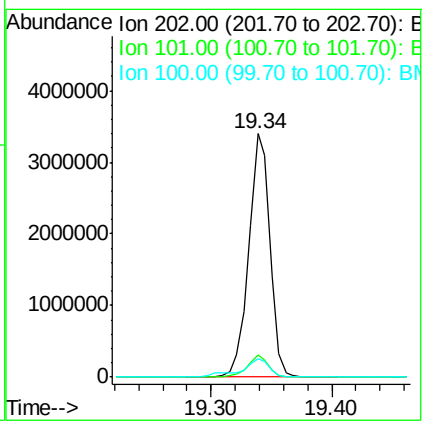


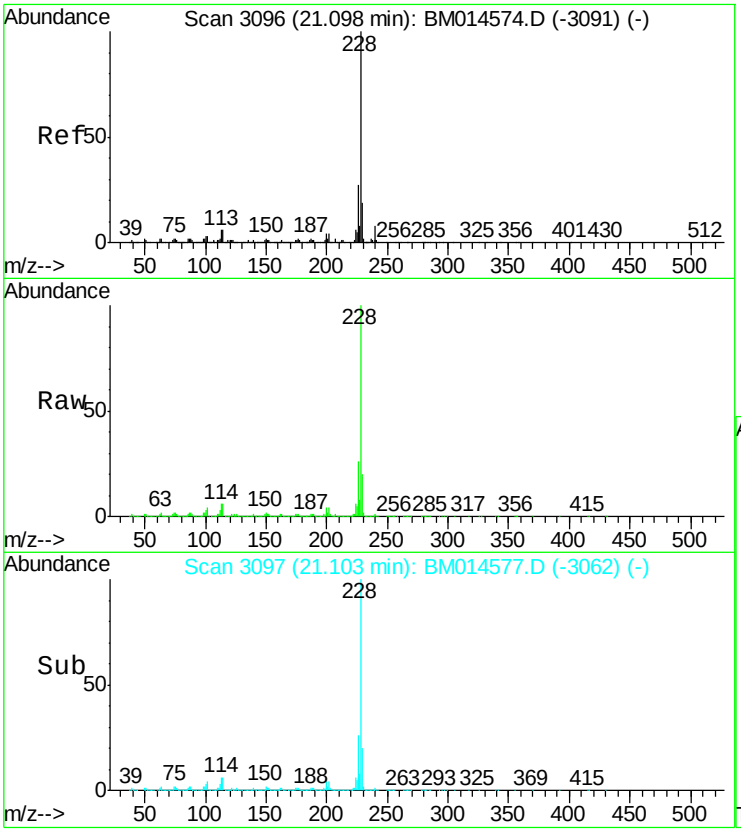


#20
Pyrene
Concen: 170.735 ng/ul
RT: 19.34 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BM014577.D
Acq: 15 Mar 2018 14:45

Tgt Ion:202 Resp: 4162227

Ion	Ratio	Lower	Upper
202	100		
101	9.0	5.1	7.7#
100	7.6	4.9	7.3#



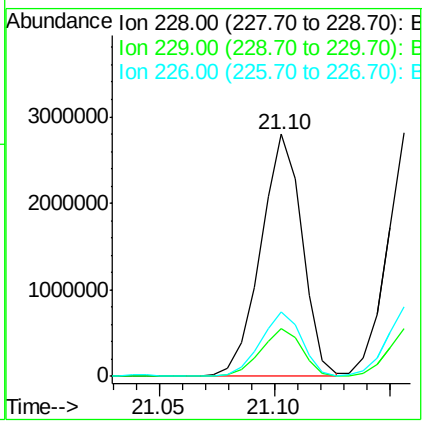


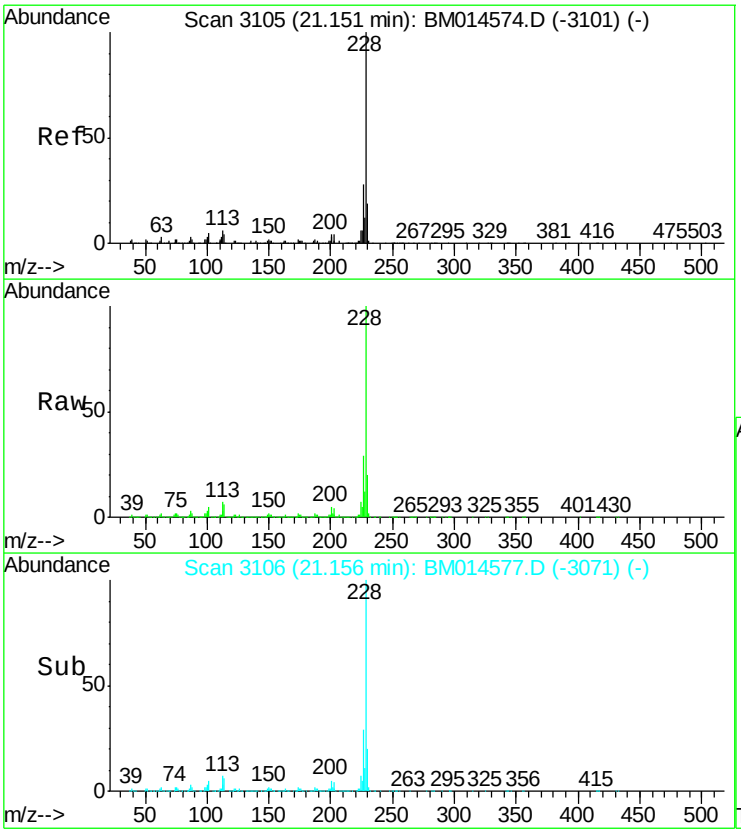
#21
Benzo(a)anthracene
Concen: 169.366 ng/ul
RT: 21.10 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BM014577.D
Acq: 15 Mar 2018 14:45

Instrument :
BNA_M
ClientSampleId :
SSTD16048

Tgt Ion:228 Resp: 3471726

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.4	23.0
226	26.4	21.4	32.0

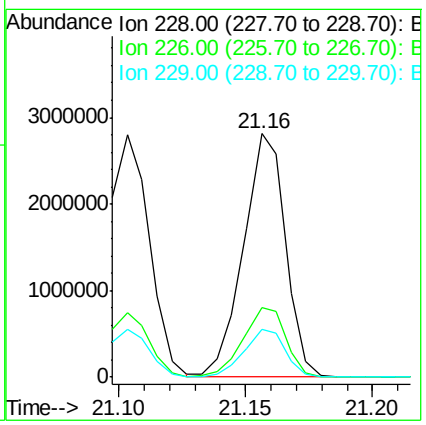


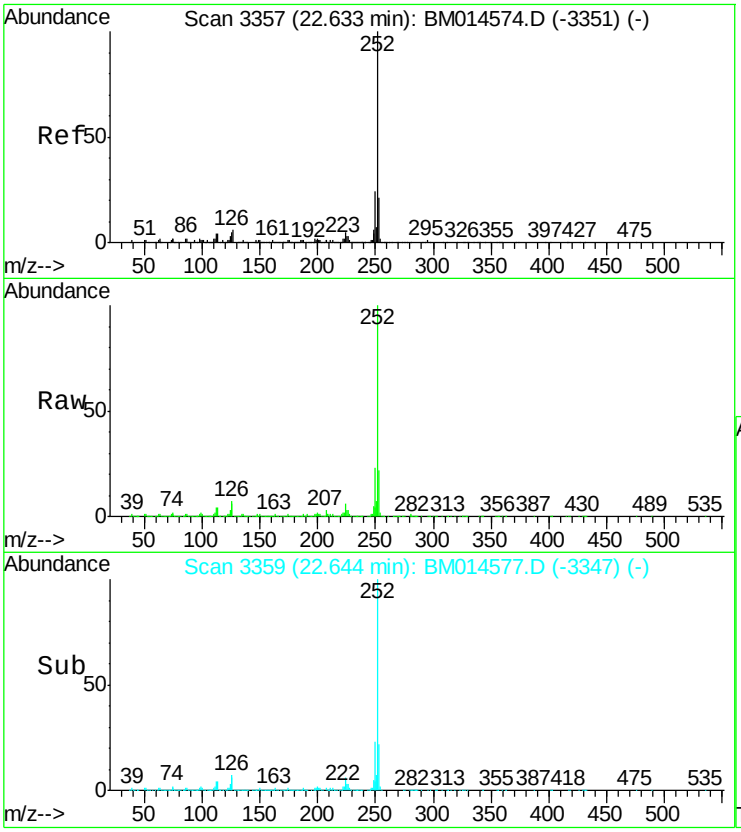


#22
Chrysene
Concen: 172.264 ng/ul
RT: 21.16 min Scan# 3106
Delta R.T. 0.01 min
Lab File: BM014577.D
Acq: 15 Mar 2018 14:45

Tgt Ion:228 Resp: 3246793

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.2
229	19.8	15.5	23.3



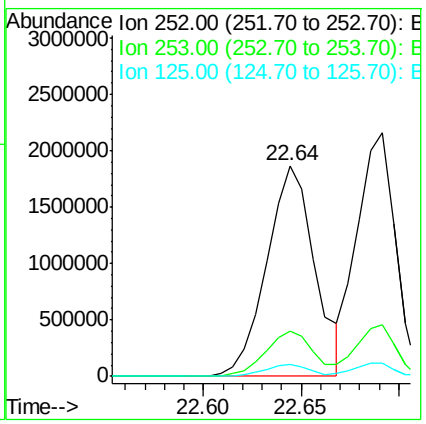


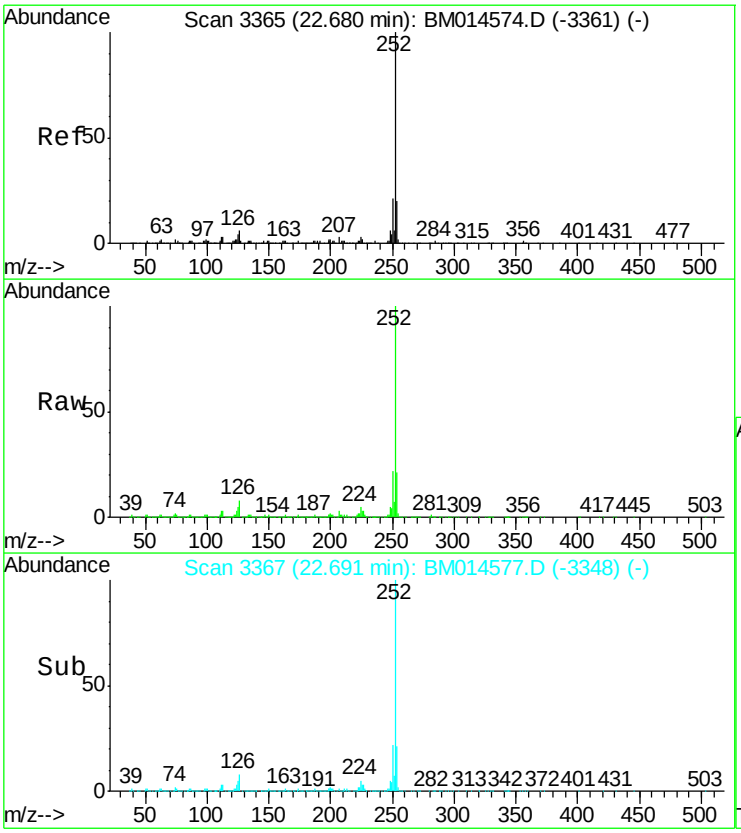
#24
Benzo(b)fluoranthene
Concen: 181.132 ng/ul
RT: 22.64 min Scan# 3359
Delta R.T. 0.01 min
Lab File: BM014577.D
Acq: 15 Mar 2018 14:45

Instrument :
BNA_M
ClientSampleId :
SSTD16048

Tgt Ion:252 Resp: 3181905

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	5.6	3.6	5.4#

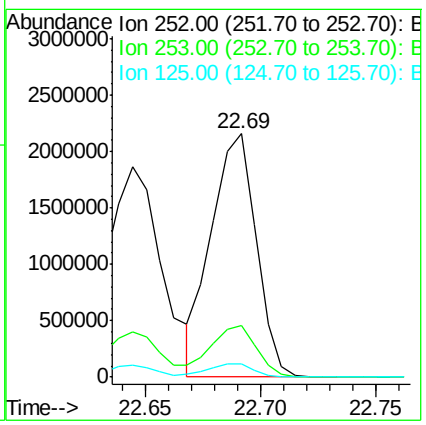


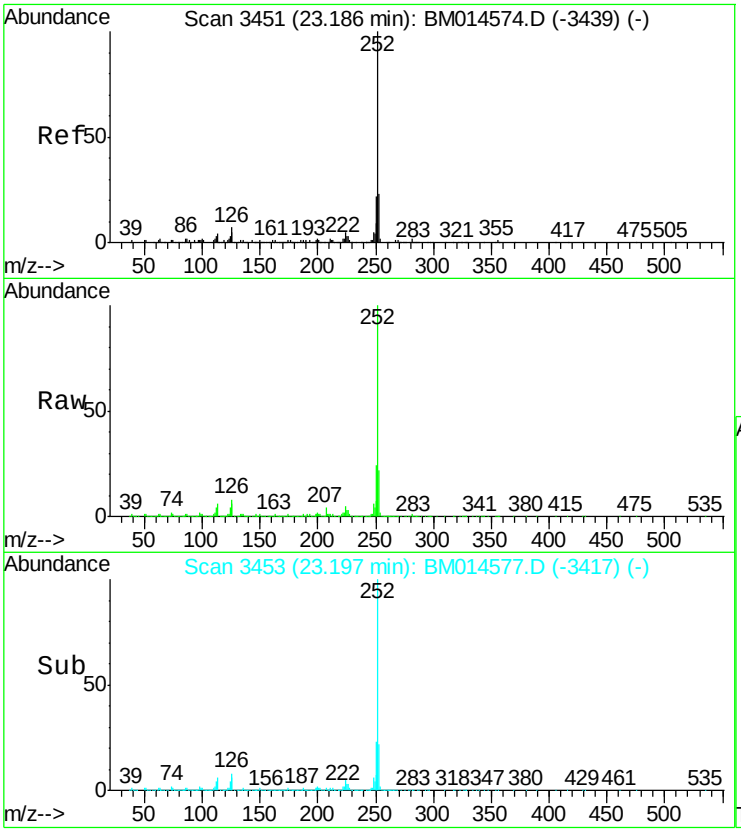


#25
Benzo(k)fluoranthene
Concen: 174.497 ng/ul
RT: 22.69 min Scan# 3367
Delta R.T. 0.01 min
Lab File: BM014577.D
Acq: 15 Mar 2018 14:45

Tgt Ion:252 Resp: 2926830

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.1	25.7
125	5.4	3.4	5.2#



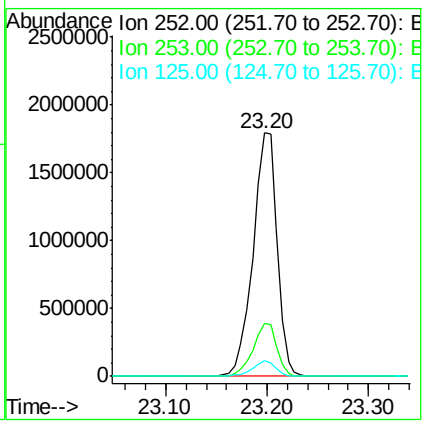


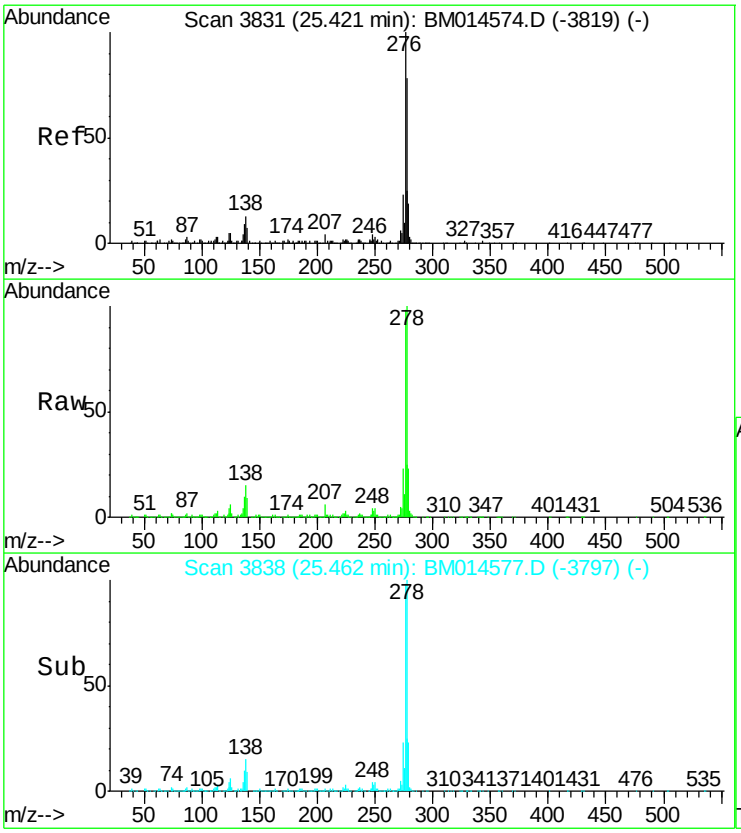
#27
Benzo(a)pyrene
Concen: 177.490 ng/ul
RT: 23.20 min Scan# 3453
Delta R.T. 0.01 min
Lab File: BM014577.D
Acq: 15 Mar 2018 14:45

Instrument :
BNA_M
ClientSampleId :
SSTD16048

Tgt Ion:252 Resp: 2951395

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	6.3	4.0	6.0#

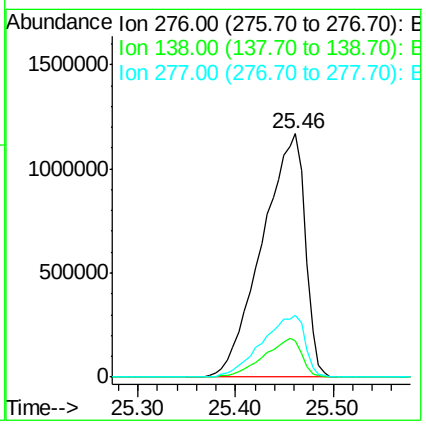


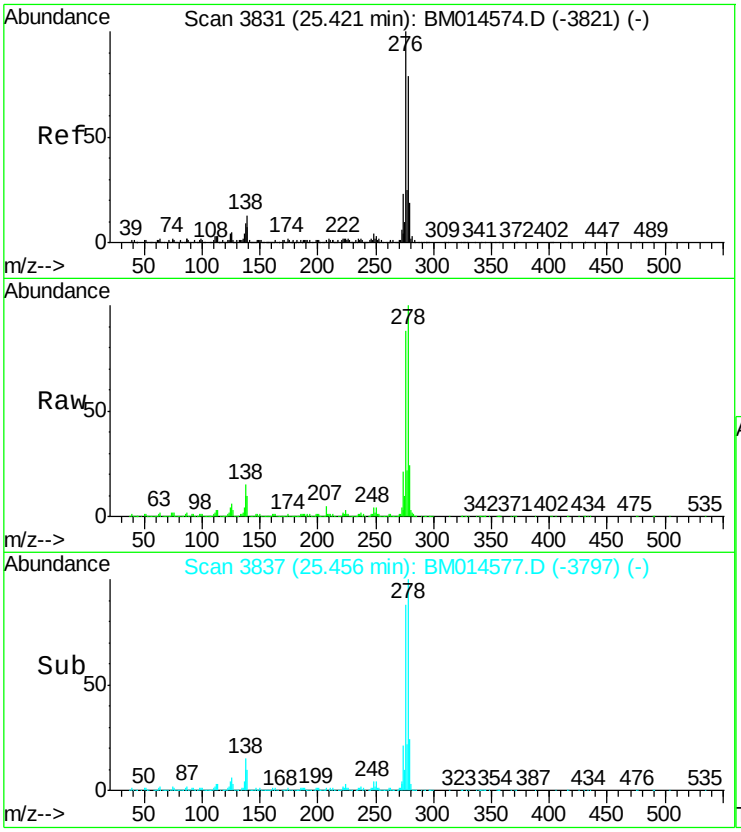


#28
Indeno(1,2,3-cd)pyrene
Concen: 188.236 ng/ul
RT: 25.46 min Scan# 3838
Delta R.T. 0.04 min
Lab File: BM014577.D
Acq: 15 Mar 2018 14:45

Tgt Ion:276 Resp: 3602536

Ion	Ratio	Lower	Upper
276	100		
138	15.0	9.3	13.9#
277	25.3	19.9	29.9



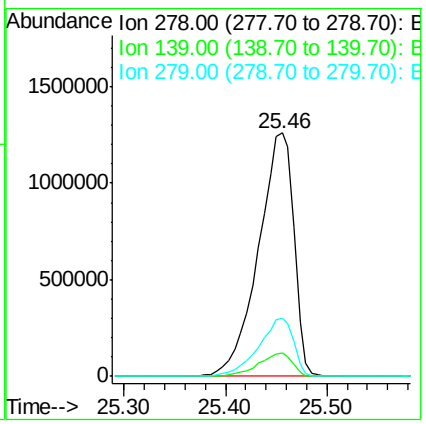


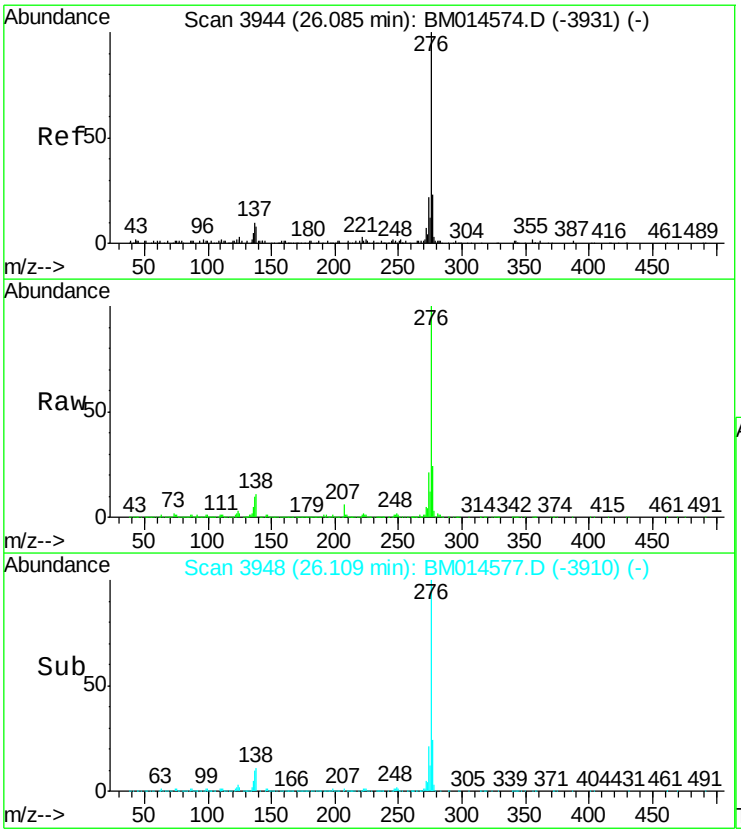
#29
Dibenzo(a,h)anthracene
Concen: 192.713 ng/ul
RT: 25.46 min Scan# 3837
Delta R.T. 0.04 min
Lab File: BM014577.D
Acq: 15 Mar 2018 14:45

Instrument :
BNA_M
ClientSampleId :
SSTD16048

Tgt Ion:278 Resp: 3087042

Ion	Ratio	Lower	Upper
278	100		
139	9.7	5.8	8.8#
279	23.8	18.6	27.8





#30
Benzo(g,h,i)perylene
Concen: 180.466 ng/ul
RT: 26.11 min Scan# 3948
Delta R.T. 0.02 min
Lab File: BM014577.D
Acq: 15 Mar 2018 14:45

Tgt Ion:276 Resp: 2770876

Ion	Ratio	Lower	Upper
276	100		
138	10.7	8.5	12.7
277	24.5	18.6	28.0