Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM031518\
Data File : BM014575.D
Acq On : 15 Mar 2018 13:32
Operator : SJ/JU
Sample : SSTD04046
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD04046

Quant Time: Mar 16 14:43:31 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	76962	20.00	ng/ul	0.00
2) Naphthalene-d8	10.22	136	312849	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	178819	20.00	ng/ul	0.00
12) Phenanthrene-d10	16.89	188	406631	20.00	ng/ul	0.00
18) Chrysene-d12	21.12	240	351268	20.00	ng/ul	0.00
23) Perylene-d12	23.28	264	306009	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	9.87	165	208522	43.13	ng/ul	-0.01
7) Acenaphthylene-d8	13.82	160	780713	40.85	ng/ul	0.00
10) Fluorene-d10	15.13	176	515121	41.15	ng/ul	0.00
15) Anthracene-d10	16.99	188	794124	40.79	ng/ul	0.00
19) Pyrene-d10	19.30	212	833623	39.48	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.14	264	600466	40.44	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.27	128	658092	41.417	ng/ul	99
5) 2-Methylnaphthalene	11.90	142	468744	42.160	ng/ul	97
8) Acenaphthylene	13.84	152	724880	40.865	ng/ul	99
9) Acenaphthene	14.19	153	497861	41.012	ng/ul	99
11) Fluorene	15.19	166	597172	41.513	ng/ul	99
13) Pentachlorophenol	16.57	266	75681	40.659	ng/ul#	89
14) Phenanthrene	16.93	178	921996	40.487	ng/ul	99
16) Anthracene	17.03	178	928644	40.794	ng/ul	100
17) Fluoranthene	18.97	202	1049484	40.600	ng/ul#	96
20) Pyrene	19.33	202	1022164	38.692	ng/ul#	94
21) Benzo(a)anthracene	21.10	228	870405	39.184	ng/ul	99
22) Chrysene	21.15	228	805338	39.429	ng/ul	99
24) Benzo(b)fluoranthene	22.64	252	775761	40.212	ng/ul	97
25) Benzo(k)fluoranthene	22.64	252	774816	42.064	ng/ul	99
27) Benzo(a)pyrene	23.19	252	728299	39.882	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	25.43	276	866253	41.215	ng/ul	98
29) Dibenzo(a,h)anthracene	25.43	278	721637	41.021	ng/ul#	96
30) Benzo(g,h,i)perylene	26.09	276	688180	40.813	ng/ul	100

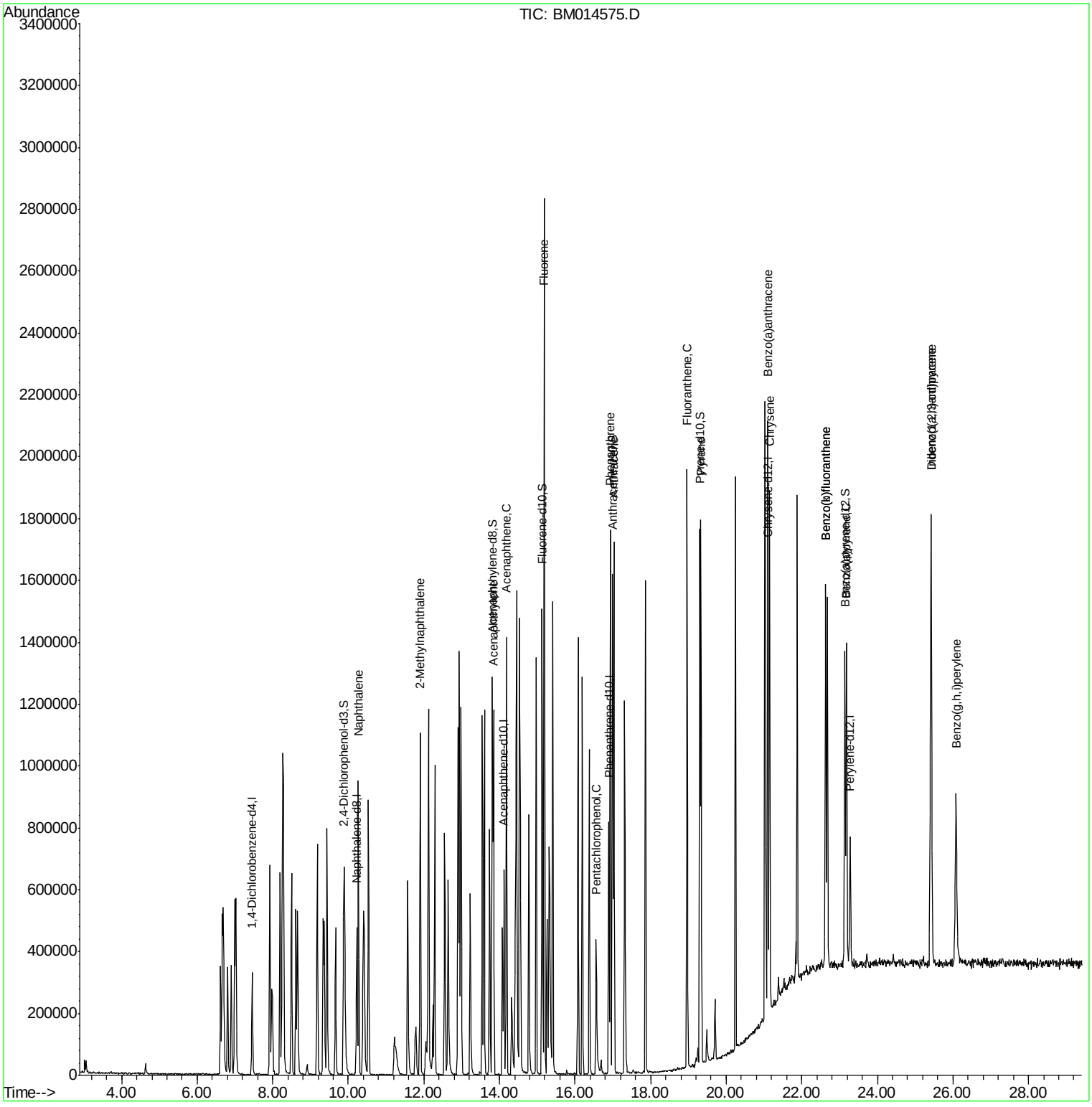
(#) = qualifier out of range (m) = manual integration (+) = signals summed

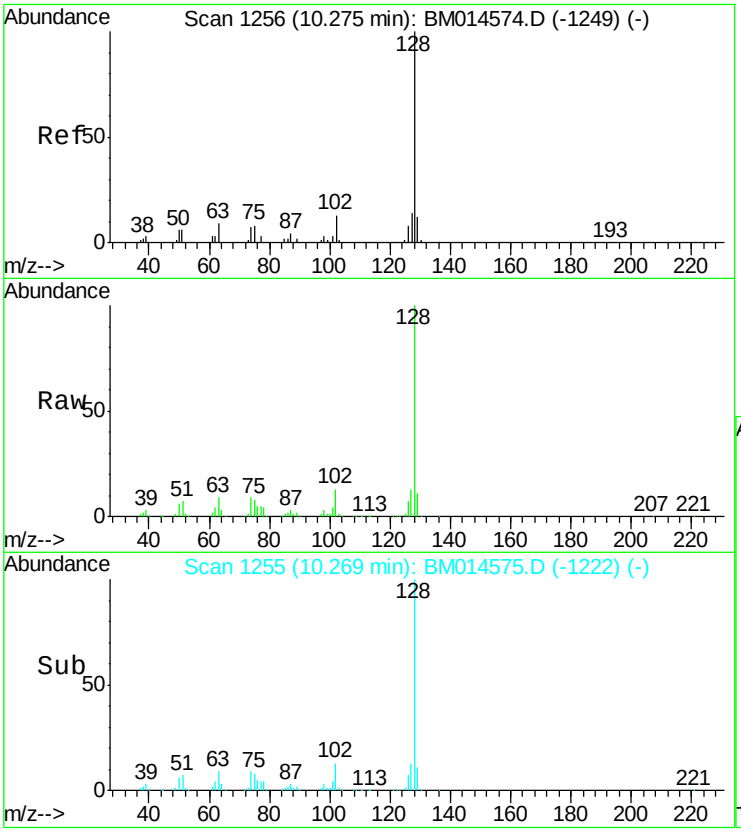
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM031518\
Data File : BM014575.D
Acq On : 15 Mar 2018 13:32
Operator : SJ/JU
Sample : SSTD04046
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD04046

Quant Time: Mar 16 14:43:31 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



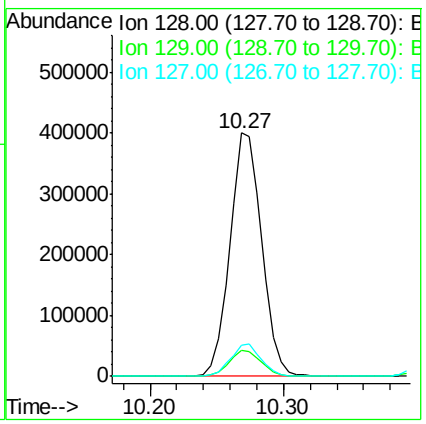


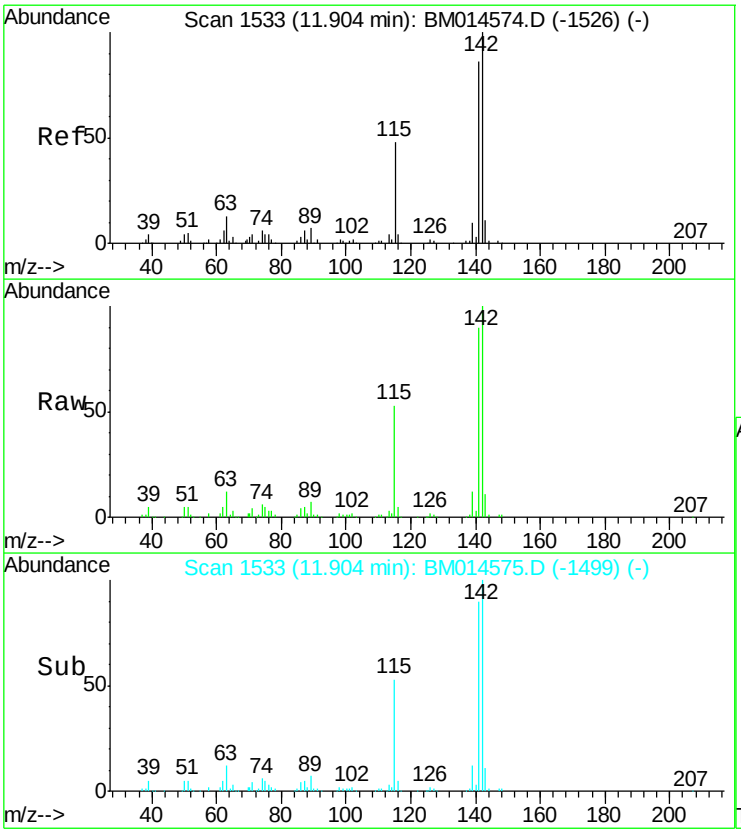
#4
Naphthalene
Concen: 41.417 ng/ul
RT: 10.27 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BM014575.D
Acq: 15 Mar 2018 13:32

Instrument :
BNA_M
ClientSampleId :
SSTD04046

Tgt Ion:128 Resp: 658092

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.7	10.6	16.0

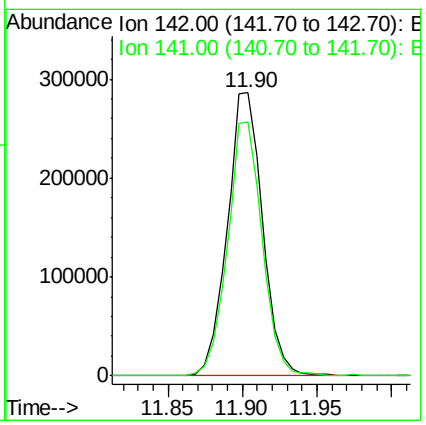


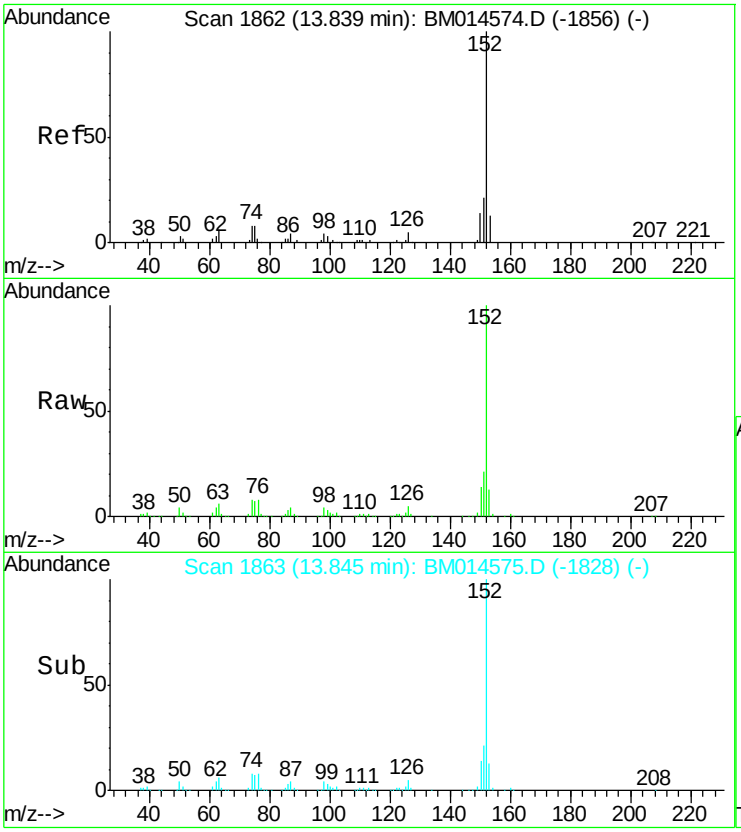


#5
2-Methylnaphthalene
Concen: 42.160 ng/ul
RT: 11.90 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BM014575.D
Acq: 15 Mar 2018 13:32

Tgt Ion:142 Resp: 468744

Ion	Ratio	Lower	Upper
142	100		
141	89.8	74.1	111.1



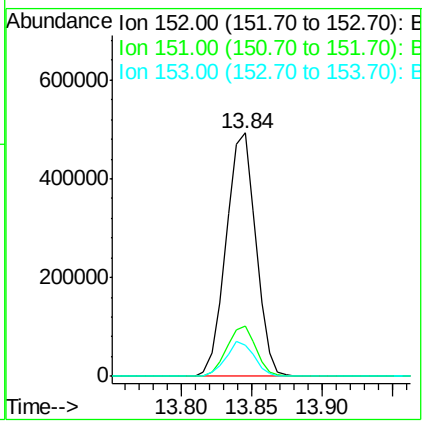


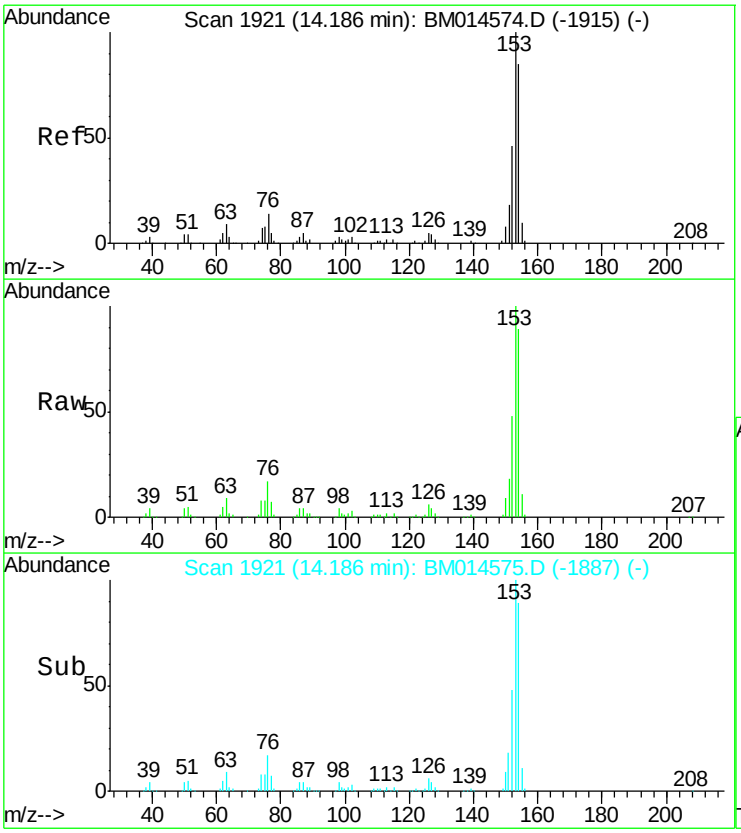
#8
Acenaphthylene
Concen: 40.865 ng/ul
RT: 13.84 min Scan# 1863
Delta R.T. 0.01 min
Lab File: BM014575.D
Acq: 15 Mar 2018 13:32

Instrument :
BNA_M
ClientSampleId :
SSTD04046

Tgt Ion:152 Resp: 724880

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	12.9	10.2	15.4

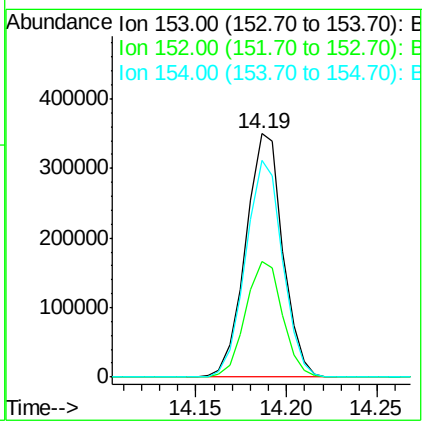


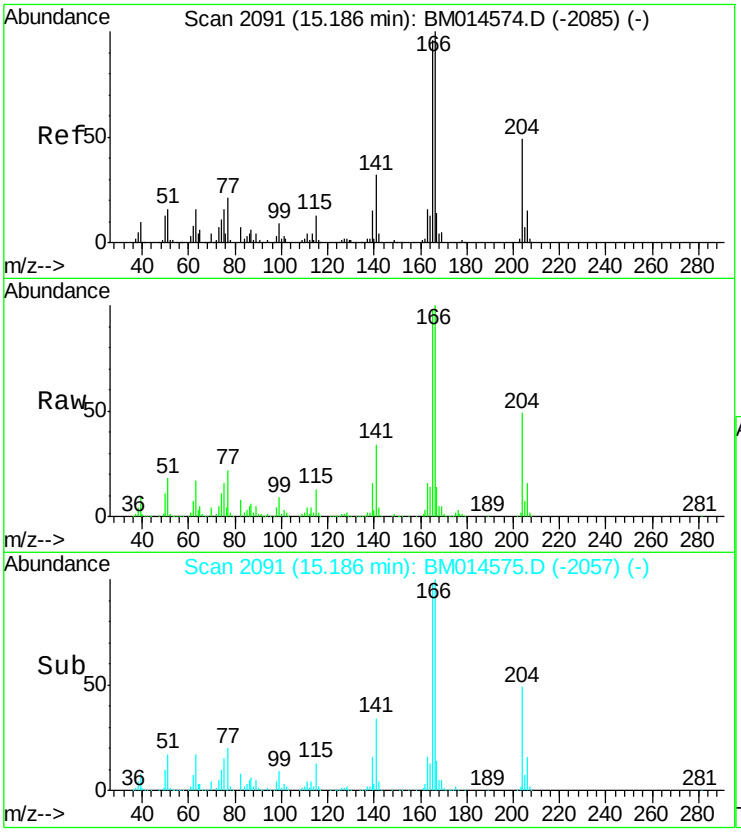


#9
Acenaphthene
Concen: 41.012 ng/ul
RT: 14.19 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BM014575.D
Acq: 15 Mar 2018 13:32

Tgt Ion:153 Resp: 497861

Ion	Ratio	Lower	Upper
153	100		
152	47.5	37.6	56.4
154	88.9	70.4	105.6



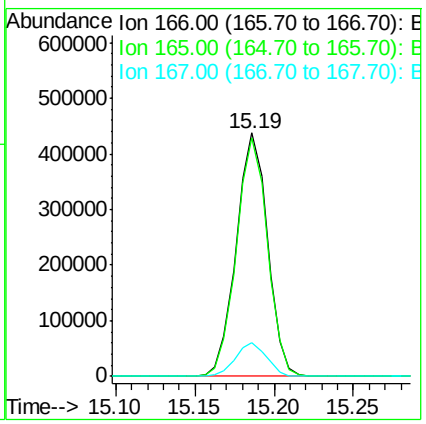


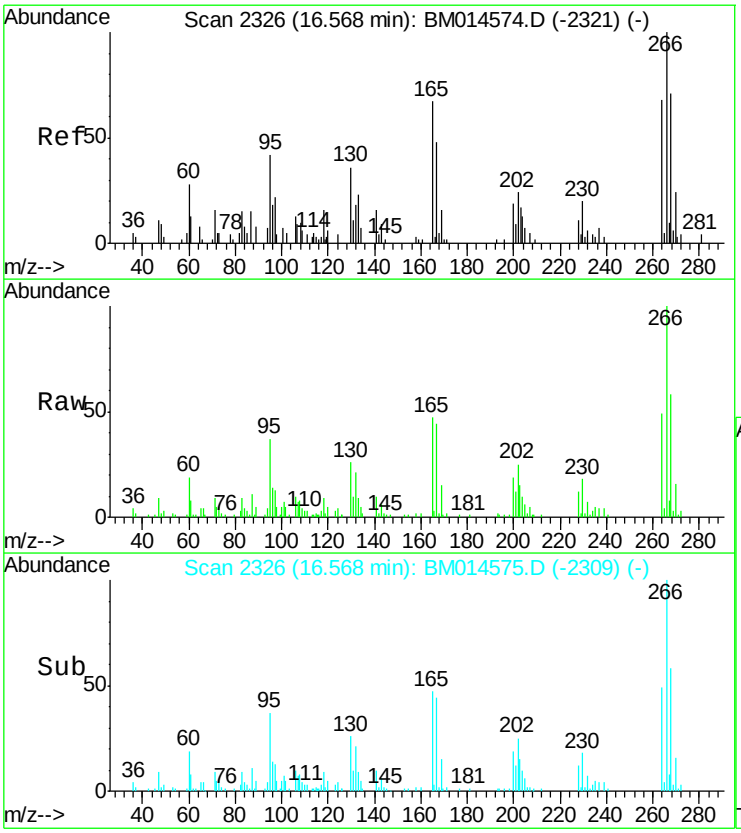
#11
Fluorene
Concen: 41.513 ng/ul
RT: 15.19 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BM014575.D
Acq: 15 Mar 2018 13:32

Instrument :
BNA_M
ClientSampleId :
SSTD04046

Tgt Ion:166 Resp: 597172

Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.9	116.9
167	13.8	10.6	16.0

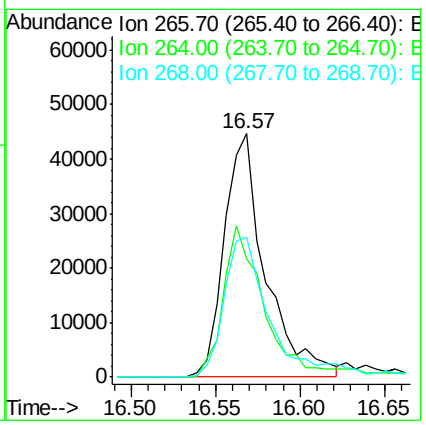


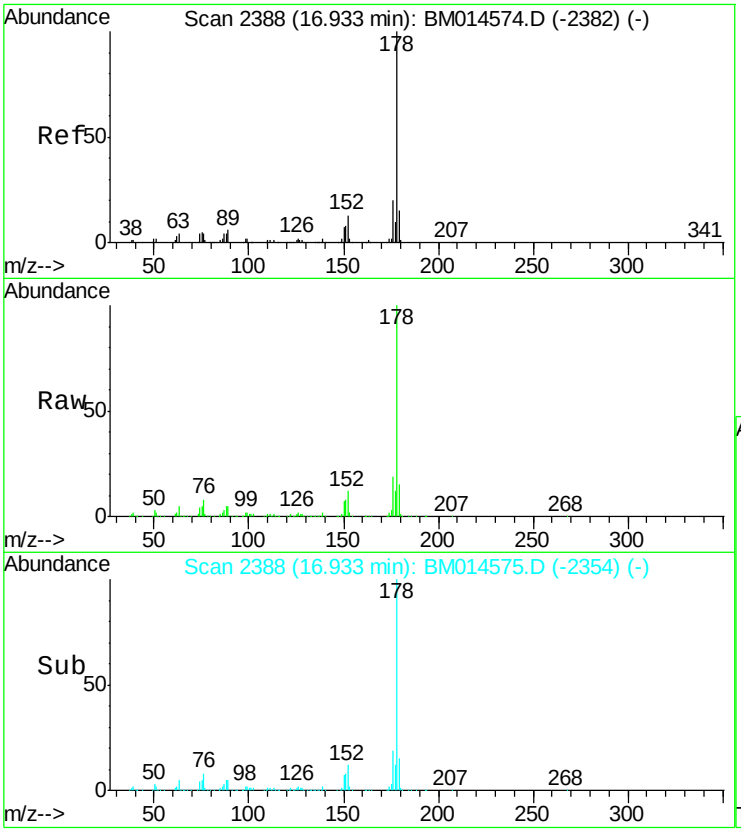


#13
Pentachlorophenol
Concen: 40.659 ng/ul
RT: 16.57 min Scan# 2326
Delta R.T. 0.00 min
Lab File: BM014575.D
Acq: 15 Mar 2018 13:32

Tgt Ion:266 Resp: 75681

Ion	Ratio	Lower	Upper
266	100		
264	48.5	49.3	73.9#
268	60.8	52.6	78.8



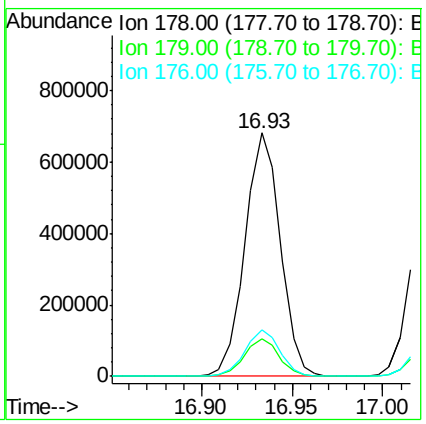


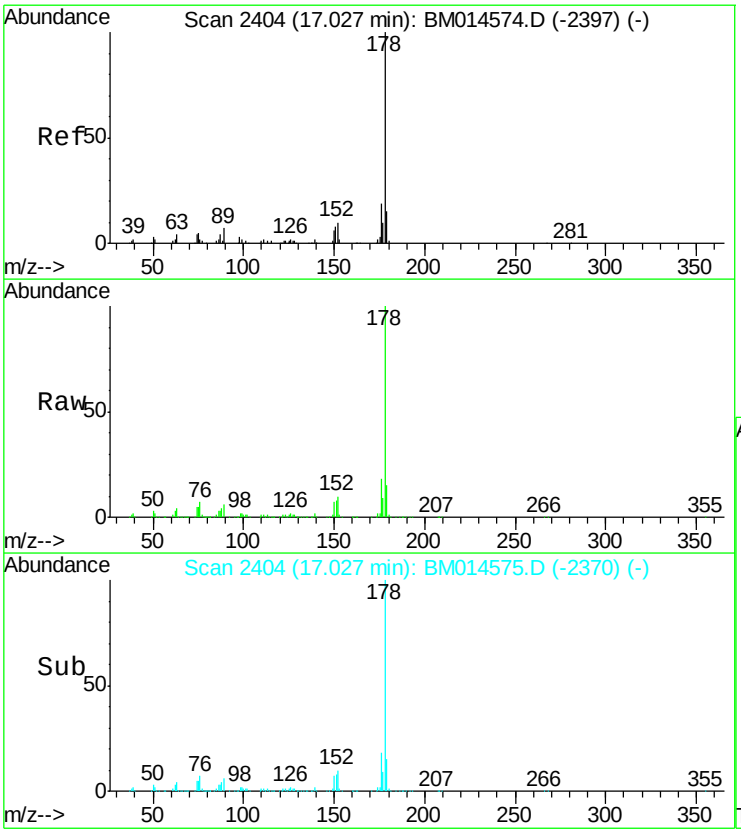
#14
Phenanthrene
Concen: 40.487 ng/ul
RT: 16.93 min Scan# 2388
Delta R.T. -0.00 min
Lab File: BM014575.D
Acq: 15 Mar 2018 13:32

Instrument :
BNA_M
ClientSampleId :
SSTD04046

Tgt Ion:178 Resp: 921996

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	18.9	14.9	22.3

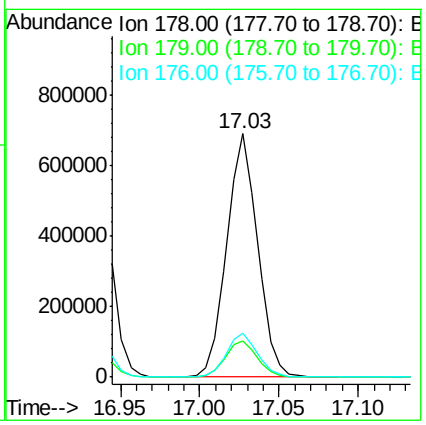


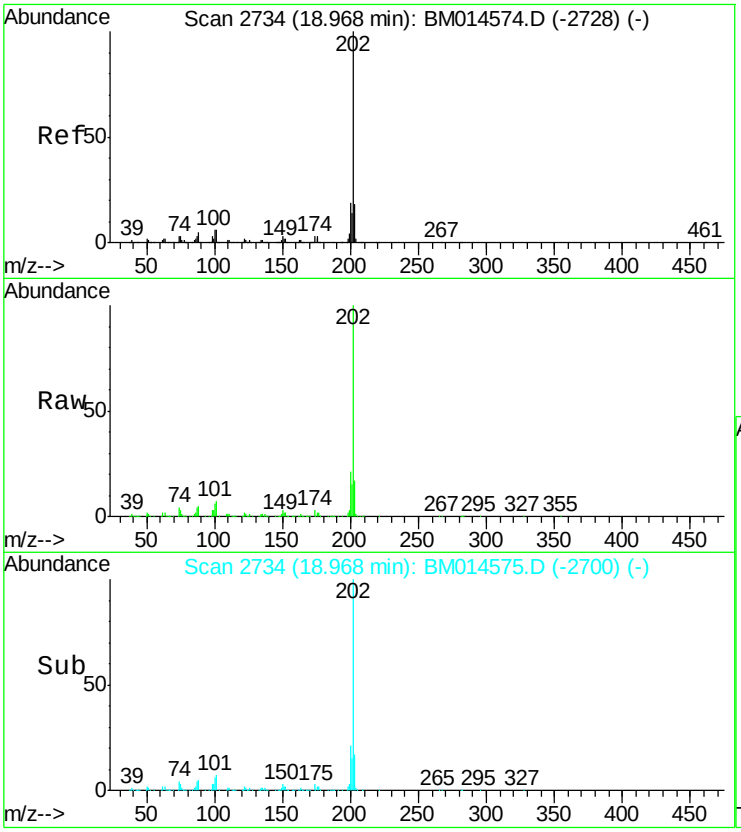


#16
Anthracene
Concen: 40.794 ng/ul
RT: 17.03 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BM014575.D
Acq: 15 Mar 2018 13:32

Tgt Ion:178 Resp: 928644

Ion	Ratio	Lower	Upper
178	100		
179	14.7	11.7	17.5
176	17.9	14.6	21.8



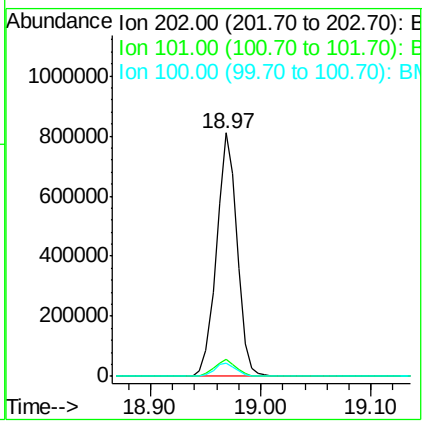


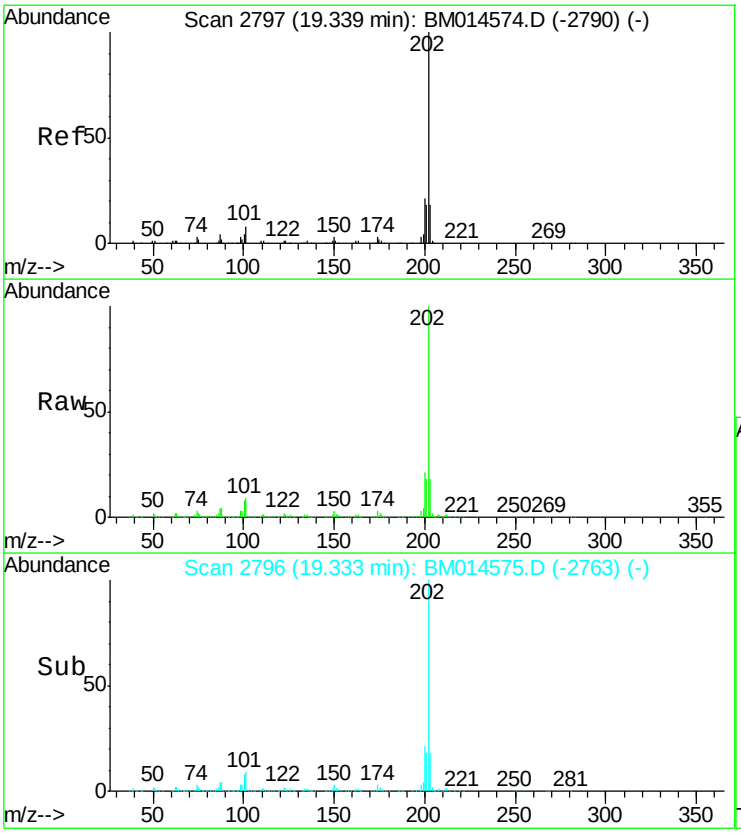
#17
Fluoranthene
Concen: 40.600 ng/ul
RT: 18.97 min Scan# 2734
Delta R.T. -0.00 min
Lab File: BM014575.D
Acq: 15 Mar 2018 13:32

Instrument :
BNA_M
ClientSampleId :
SSTD04046

Tgt Ion:202 Resp: 1049484

Ion	Ratio	Lower	Upper
202	100		
101	7.2	4.6	7.0#
100	5.6	3.4	5.2#

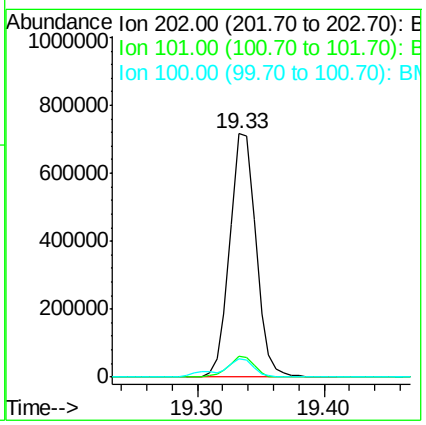


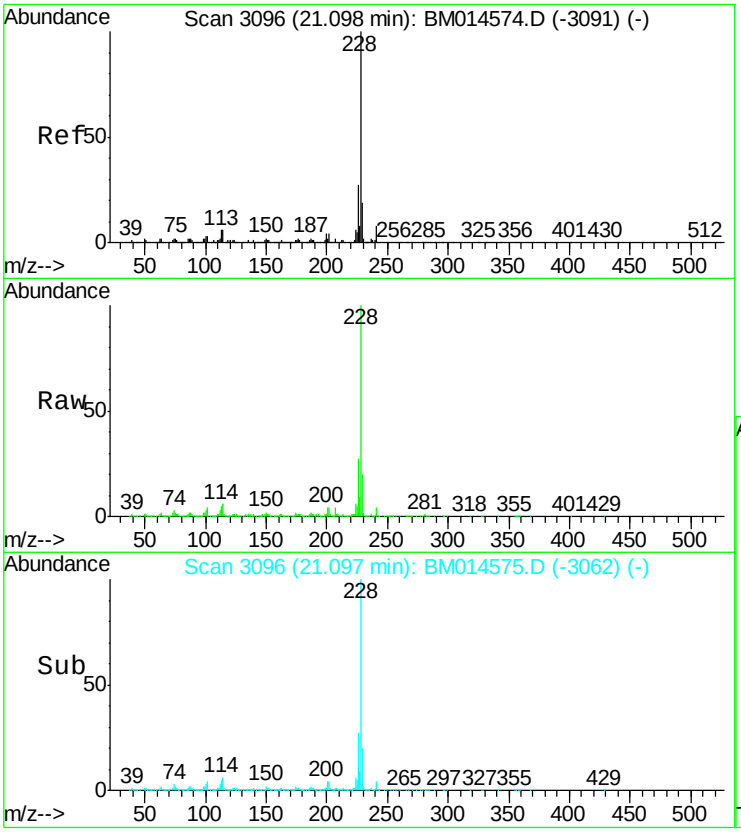


#20
Pyrene
Concen: 38.692 ng/ul
RT: 19.33 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BM014575.D
Acq: 15 Mar 2018 13:32

Tgt Ion:202 Resp: 1022164

Ion	Ratio	Lower	Upper
202	100		
101	8.7	5.1	7.7#
100	7.5	4.9	7.3#



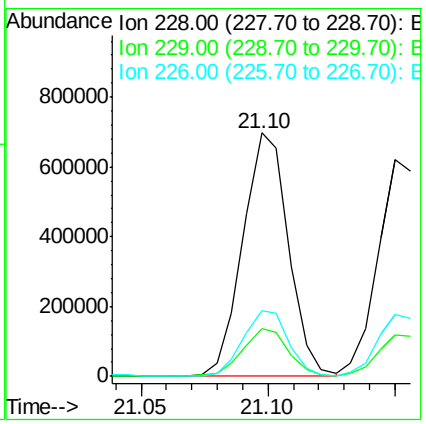


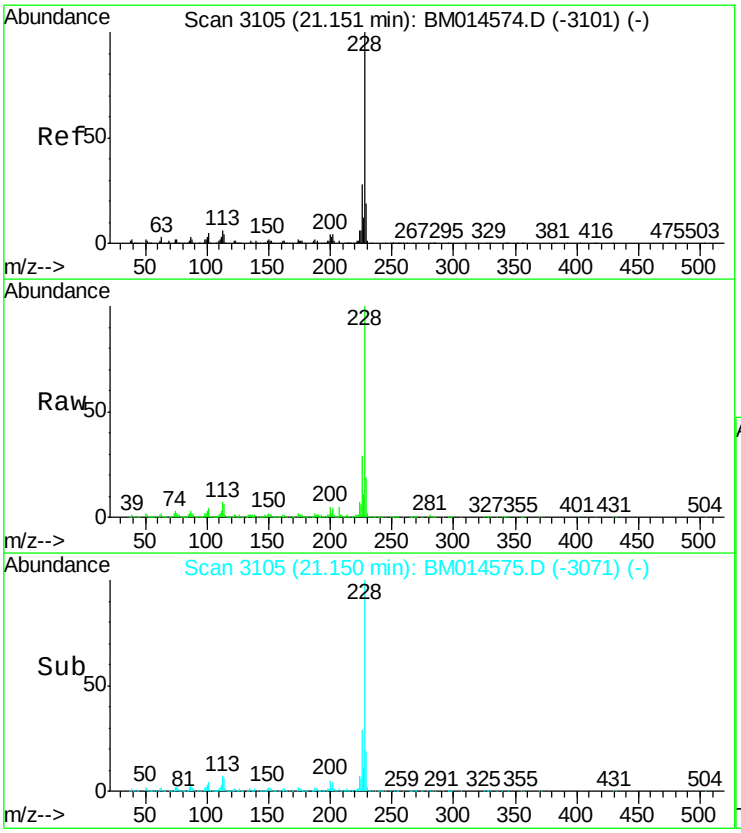
#21
Benzo(a)anthracene
Concen: 39.184 ng/ul
RT: 21.10 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BM014575.D
Acq: 15 Mar 2018 13:32

Instrument :
BNA_M
ClientSampleId :
SSTD04046

Tgt Ion:228 Resp: 870405

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.4	23.0
226	26.9	21.4	32.0

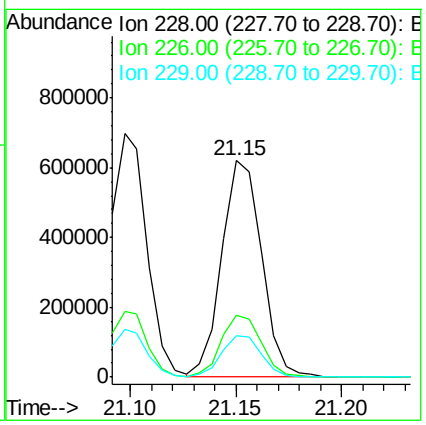


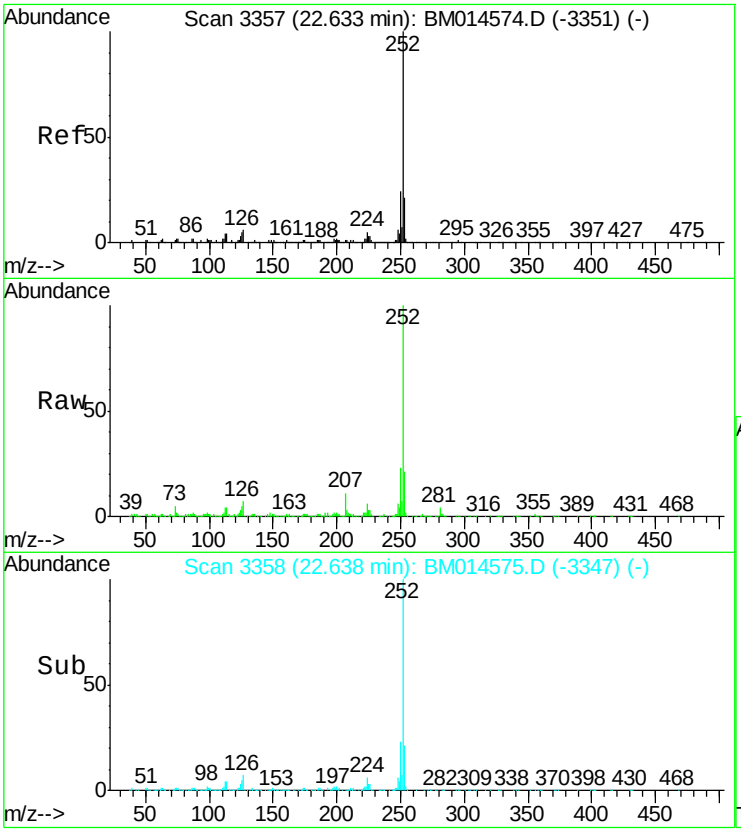


#22
Chrysene
Concen: 39.429 ng/ul
RT: 21.15 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BM014575.D
Acq: 15 Mar 2018 13:32

Tgt Ion:228 Resp: 805338

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.2
229	19.2	15.5	23.3



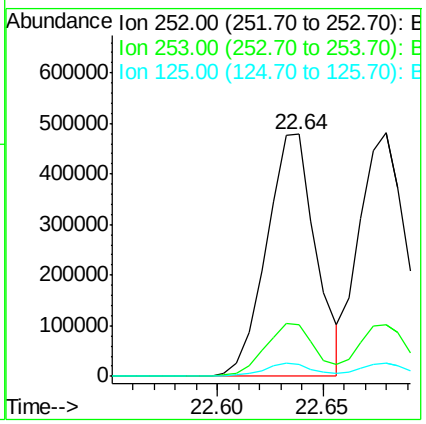


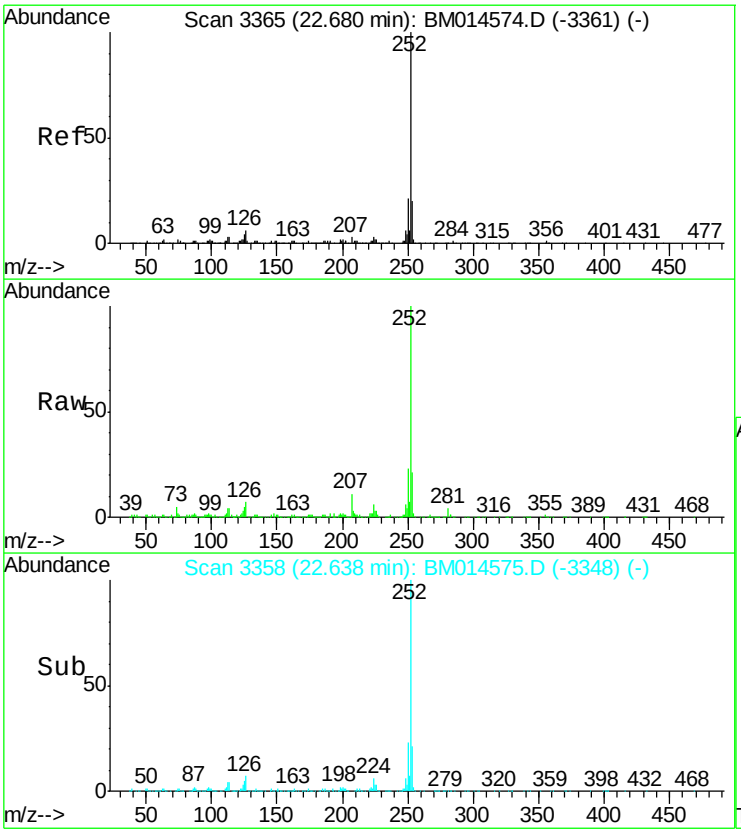
#24
Benzo(b)fluoranthene
Concen: 40.212 ng/ul
RT: 22.64 min Scan# 3358
Delta R.T. 0.01 min
Lab File: BM014575.D
Acq: 15 Mar 2018 13:32

Instrument :
BNA_M
ClientSampleId :
SSTD04046

Tgt Ion:252 Resp: 775761

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.9	26.9
125	5.0	3.6	5.4

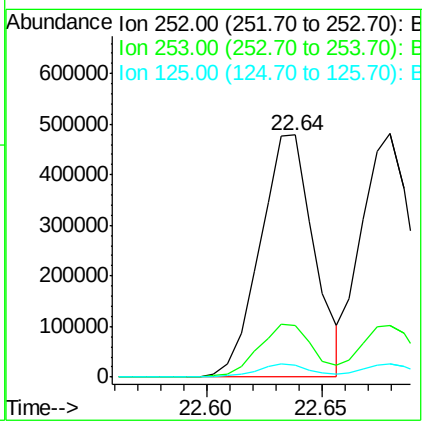


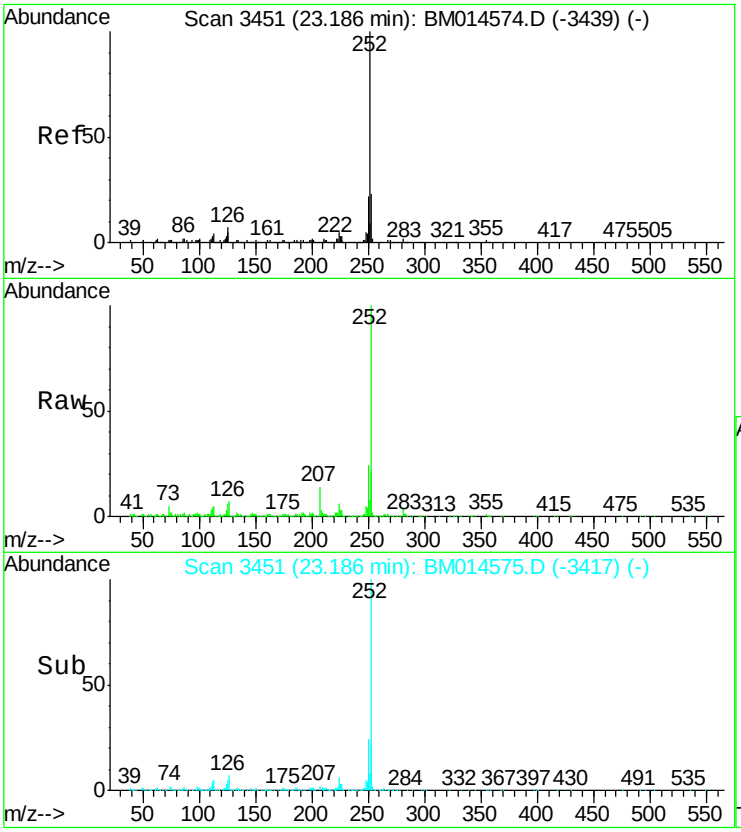


#25
Benzo(k)fluoranthene
Concen: 42.064 ng/ul
RT: 22.64 min Scan# 3358
Delta R.T. -0.04 min
Lab File: BM014575.D
Acq: 15 Mar 2018 13:32

Tgt Ion:252 Resp: 774816

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.1	25.7
125	5.0	3.4	5.2



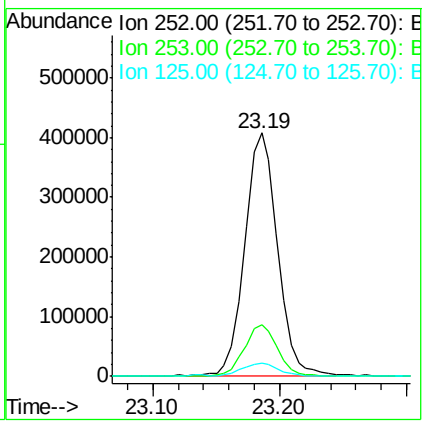


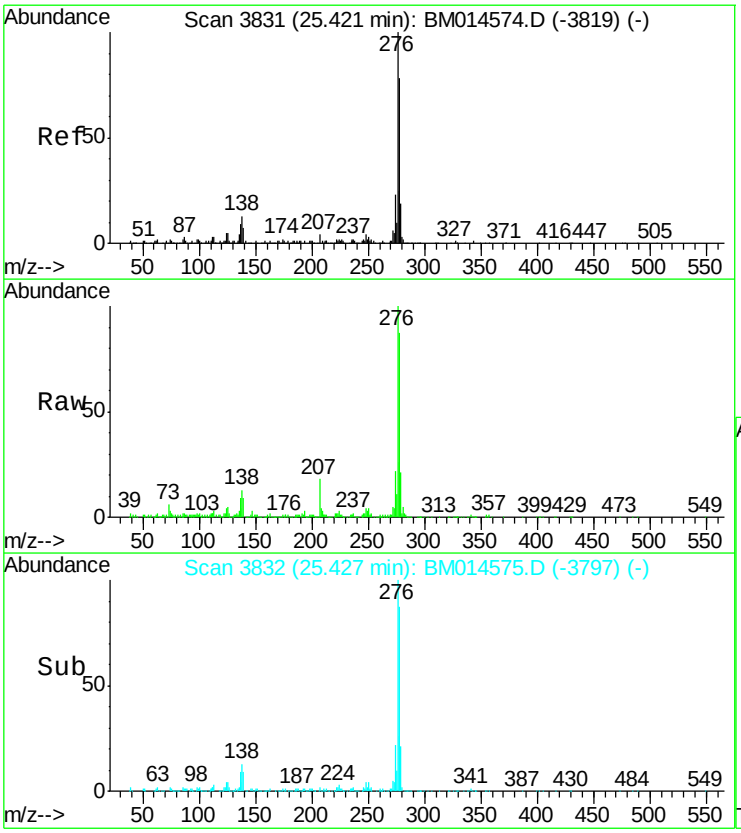
#27
Benzo(a)pyrene
Concen: 39.882 ng/ul
RT: 23.19 min Scan# 3451
Delta R.T. -0.00 min
Lab File: BM014575.D
Acq: 15 Mar 2018 13:32

Instrument :
BNA_M
ClientSampleId :
SSTD04046

Tgt Ion:252 Resp: 728299

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.2	27.2
125	5.5	4.0	6.0

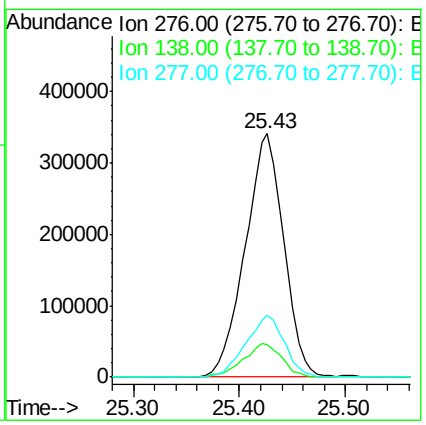


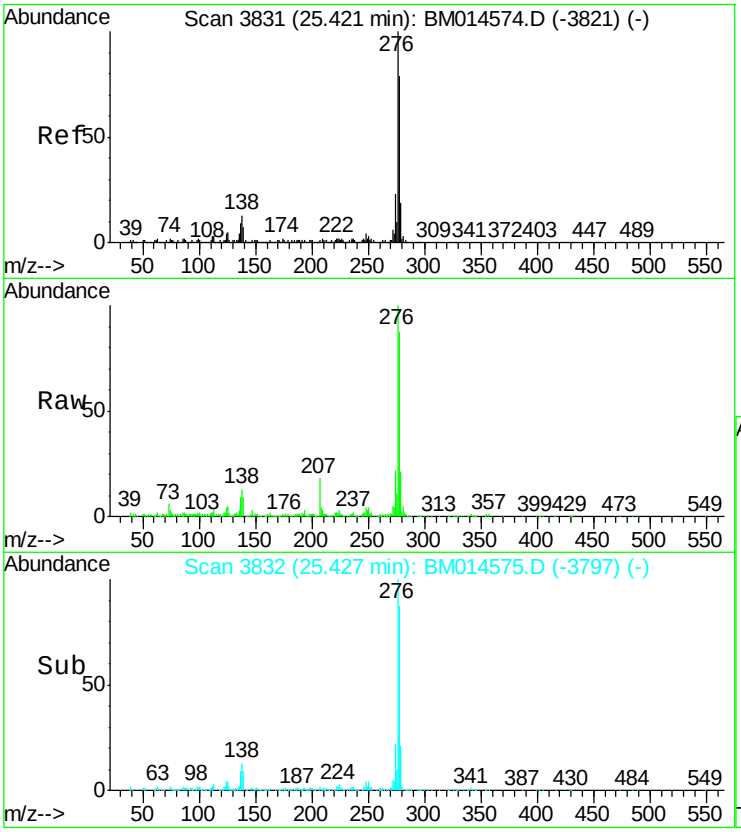


#28
Indeno(1,2,3-cd)pyrene
Concen: 41.215 ng/ul
RT: 25.43 min Scan# 3832
Delta R.T. 0.01 min
Lab File: BM014575.D
Acq: 15 Mar 2018 13:32

Tgt Ion:276 Resp: 866253

Ion	Ratio	Lower	Upper
276	100		
138	13.4	9.3	13.9
277	25.5	19.9	29.9



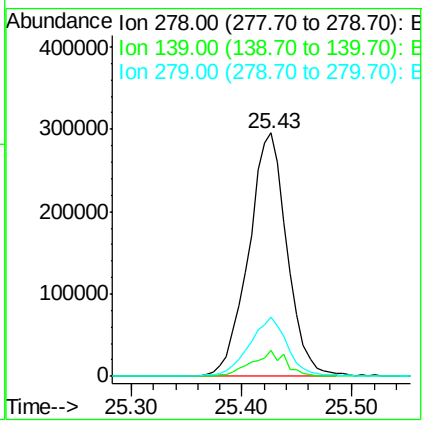


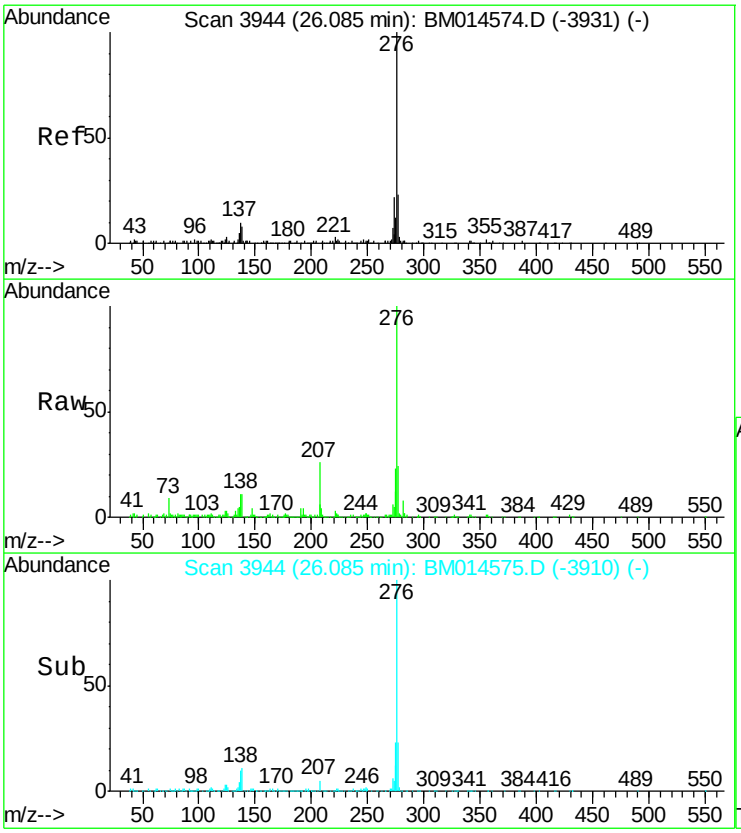
#29
Dibenzo(a,h)anthracene
Concen: 41.021 ng/ul
RT: 25.43 min Scan# 3832
Delta R.T. 0.01 min
Lab File: BM014575.D
Acq: 15 Mar 2018 13:32

Instrument :
BNA_M
ClientSampleId :
SSTD04046

Tgt Ion:278 Resp: 721637

Ion	Ratio	Lower	Upper
278	100		
139	10.7	5.8	8.8#
279	24.5	18.6	27.8





#30
Benzo(g,h,i)perylene
Concen: 40.813 ng/ul
RT: 26.09 min Scan# 3944
Delta R.T. -0.00 min
Lab File: BM014575.D
Acq: 15 Mar 2018 13:32

Tgt Ion:276 Resp: 688180

Ion	Ratio	Lower	Upper
276	100		
138	10.8	8.5	12.7
277	23.5	18.6	28.0