Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM031518\
Data File : BM014580.D
Acq On : 15 Mar 2018 17:24
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Quant Time: Mar 16 15:21:31 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	73418	20.00	ng/ul	0.00
2) Naphthalene-d8	10.22	136	291207	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	177034	20.00	ng/ul	0.00
12) Phenanthrene-d10	16.89	188	422053	20.00	ng/ul	0.00
18) Chrysene-d12	21.12	240	379913	20.00	ng/ul	0.00
23) Perylene-d12	23.27	264	325514	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	9.88	165	89289	19.84	ng/ul	0.00
7) Acenaphthylene-d8	13.81	160	365574	19.32	ng/ul	0.00
10) Fluorene-d10	15.13	176	249510	20.13	ng/ul	0.00
15) Anthracene-d10	16.99	188	373688	18.49	ng/ul	0.00
19) Pyrene-d10	19.30	212	404389	17.71	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.14	264	309846	19.68	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.27	128	298659	20.193	ng/ul	97
5) 2-Methylnaphthalene	11.90	142	209925	20.284	ng/ul	95
8) Acenaphthylene	13.84	152	344459	19.615	ng/ul	99
9) Acenaphthene	14.19	153	229387	19.086	ng/ul	96
11) Fluorene	15.19	166	281290	19.751	ng/ul	98
13) Pentachlorophenol	16.57	266	30575	15.826	ng/ul	96
14) Phenanthrene	16.93	178	454387	19.224	ng/ul	98
16) Anthracene	17.03	178	445586	18.859	ng/ul	97
17) Fluoranthene	18.97	202	520183	19.388	ng/ul	97
20) Pyrene	19.33	202	514087	17.992	ng/ul#	96
21) Benzo(a)anthracene	21.10	228	462674	19.258	ng/ul	96
22) Chrysene	21.15	228	419031	18.969	ng/ul	98
24) Benzo(b)fluoranthene	22.63	252	388192	18.968	ng/ul	98
25) Benzo(k)fluoranthene	22.63	252	388192	19.966	ng/ul	97
27) Benzo(a)pyrene	23.18	252	361232	18.596	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	25.41	276	443418	19.833	ng/ul	98
29) Dibenzo(a,h)anthracene	25.42	278	375269	20.054	ng/ul#	95
30) Benzo(g,h,i)perylene	26.09	276	359081	20.162	ng/ul	98

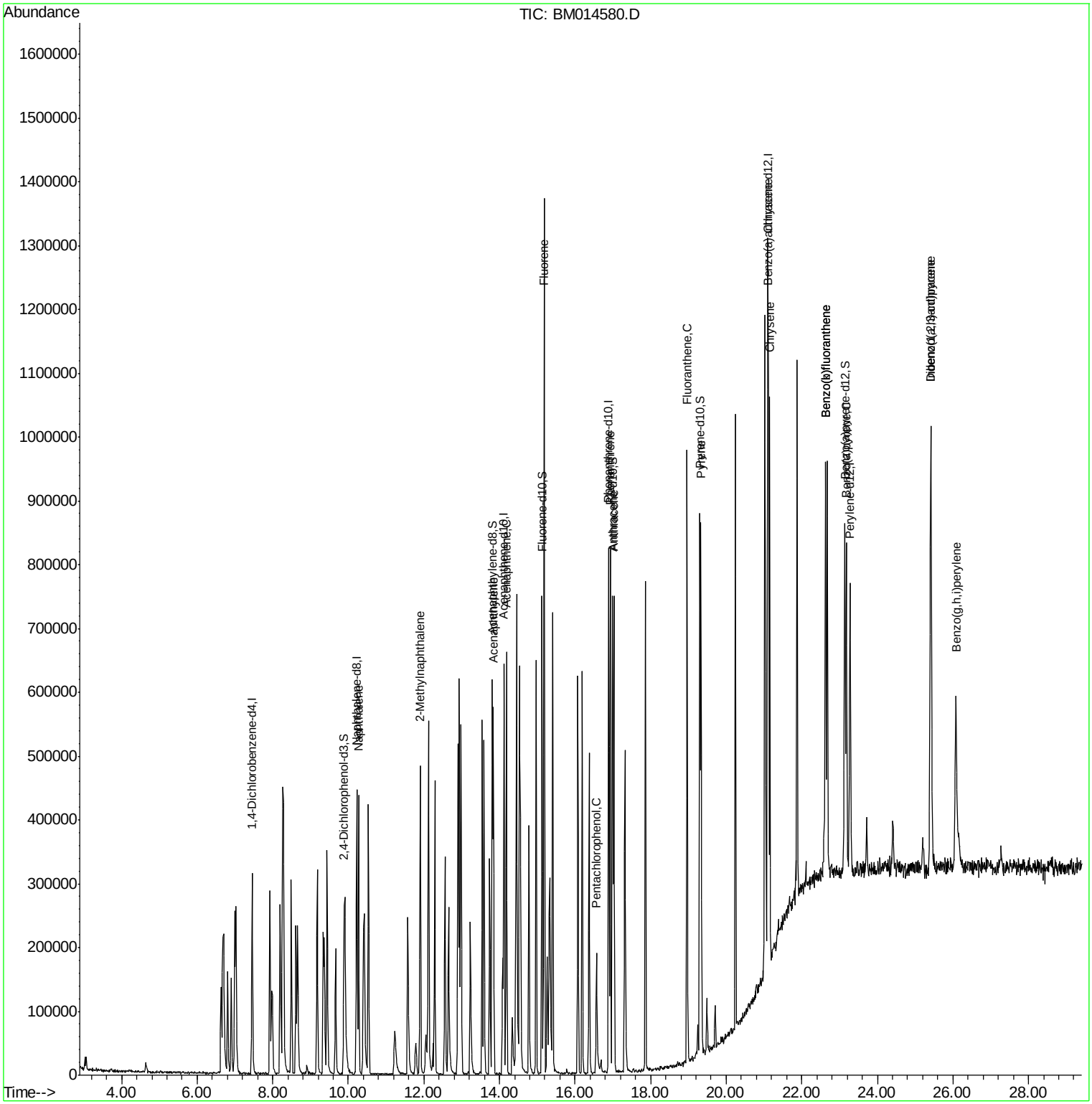
(#) = qualifier out of range (m) = manual integration (+) = signals summed

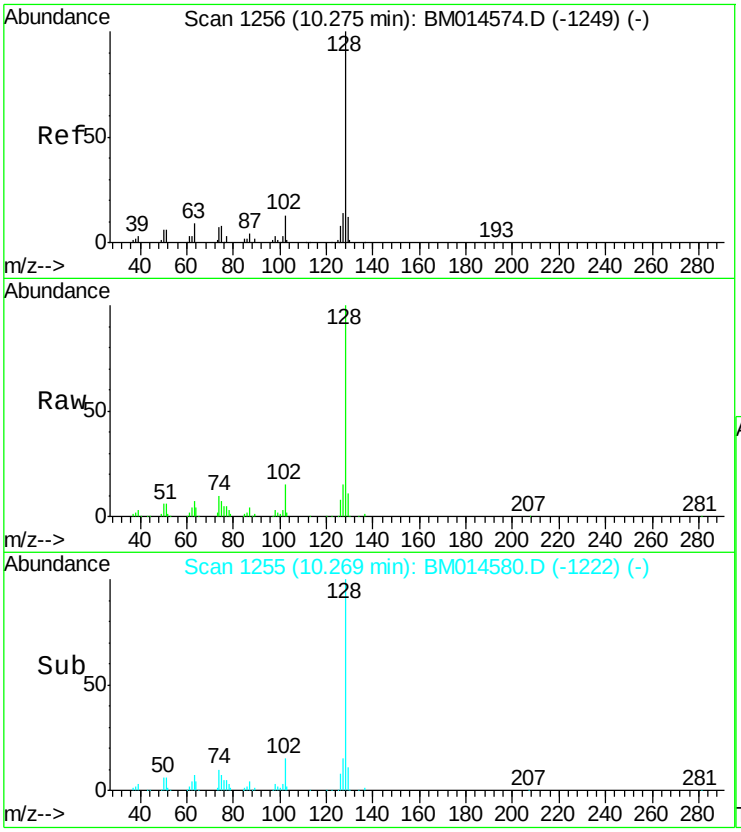
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM031518\
Data File : BM014580.D
Acq On : 15 Mar 2018 17:24
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Quant Time: Mar 16 15:21:31 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



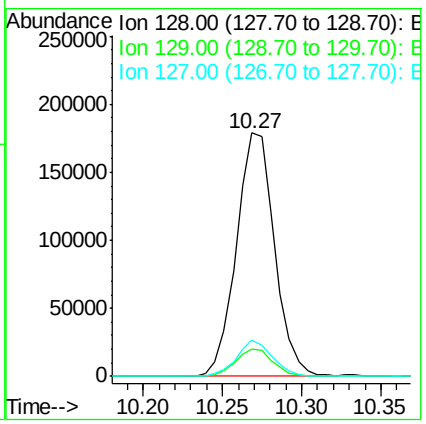


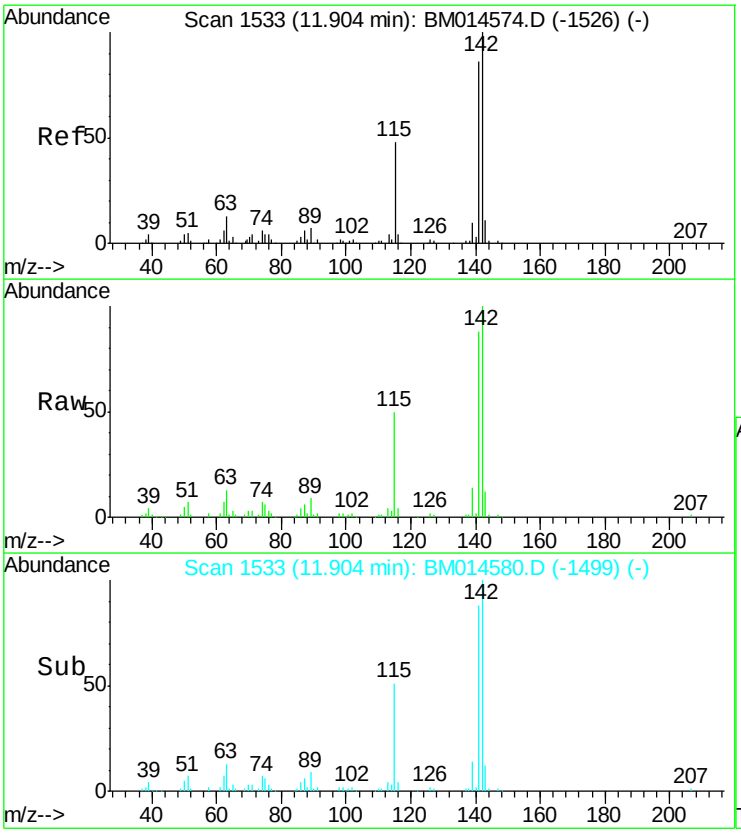
#4
Naphthalene
Concen: 20.193 ng/ul
RT: 10.27 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BM014580.D
Acq: 15 Mar 2018 17:24

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Tgt Ion:128 Resp: 298659

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	15.1	10.6	16.0

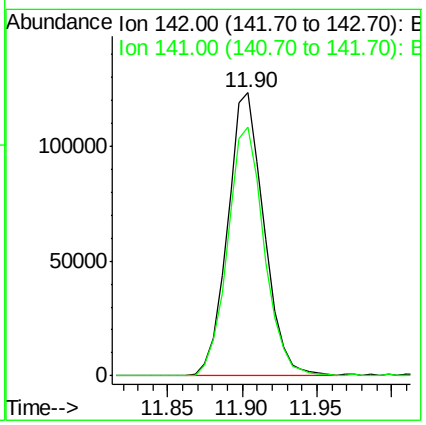


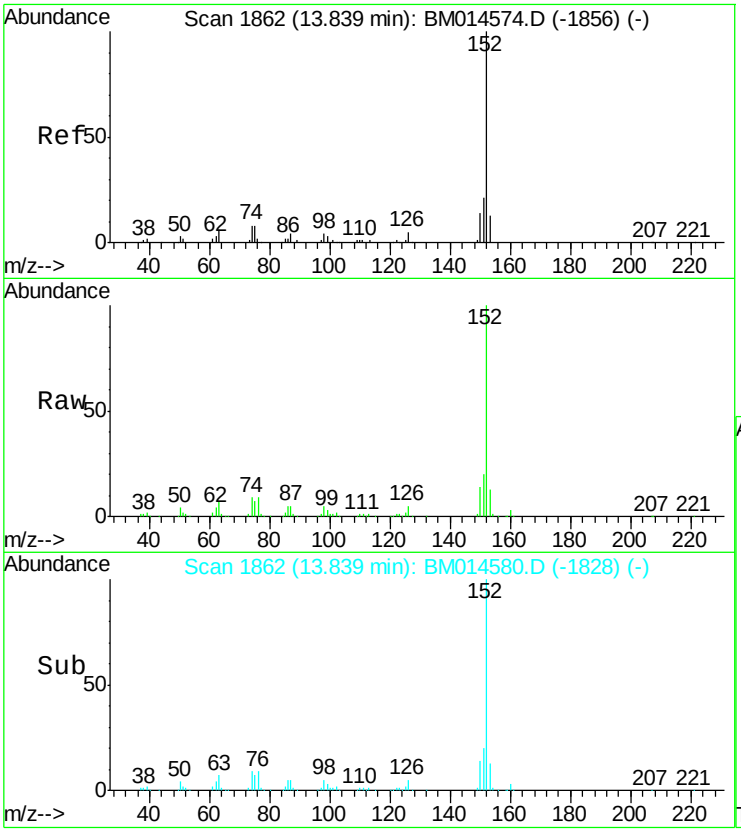


#5
2-Methylnaphthalene
Concen: 20.284 ng/ul
RT: 11.90 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BM014580.D
Acq: 15 Mar 2018 17:24

Tgt Ion:142 Resp: 209925

Ion	Ratio	Lower	Upper
142	100		
141	87.7	74.1	111.1



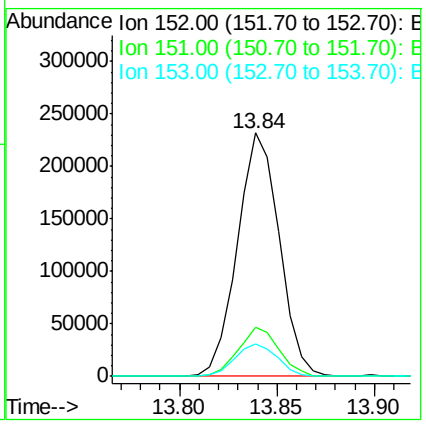


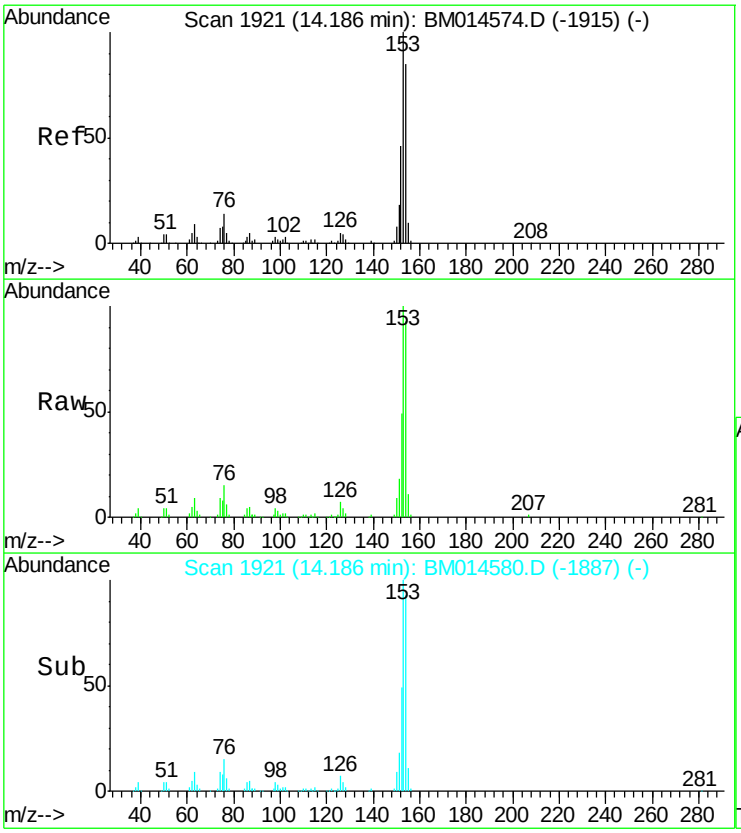
#8
Acenaphthylene
Concen: 19.615 ng/ul
RT: 13.84 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BM014580.D
Acq: 15 Mar 2018 17:24

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Tgt Ion:152 Resp: 344459

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.4	10.2	15.4

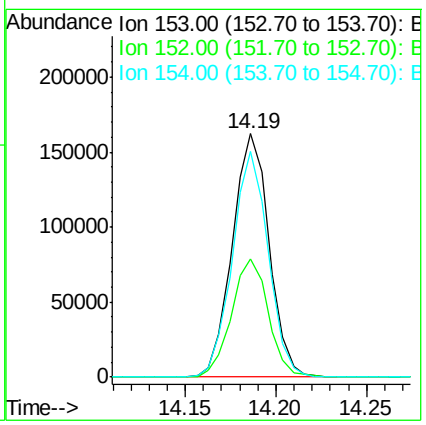


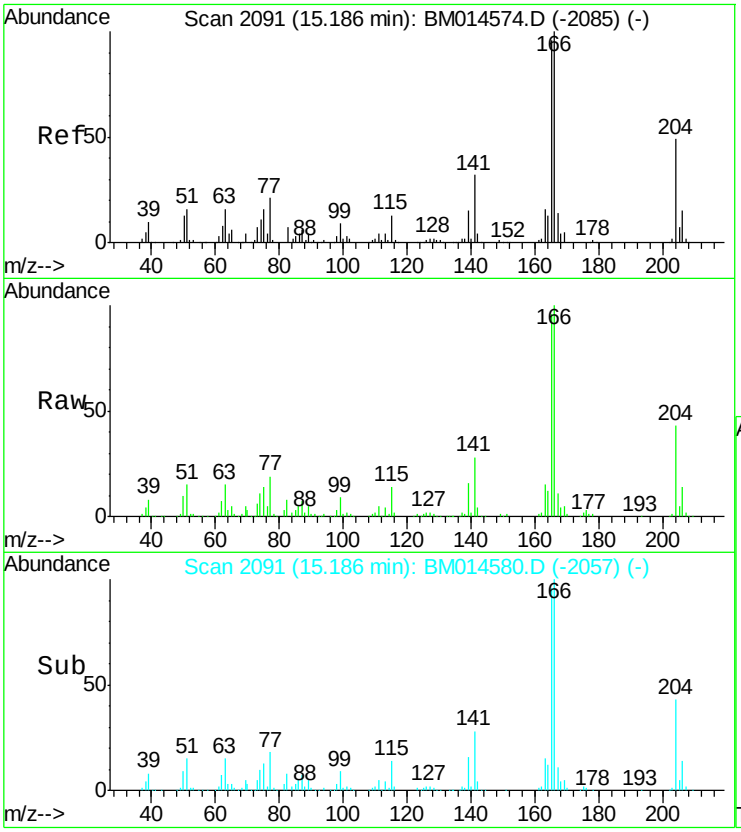


#9
Acenaphthene
Concen: 19.086 ng/ul
RT: 14.19 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BM014580.D
Acq: 15 Mar 2018 17:24

Tgt Ion:153 Resp: 229387

Ion	Ratio	Lower	Upper
153	100		
152	48.6	37.6	56.4
154	92.9	70.4	105.6



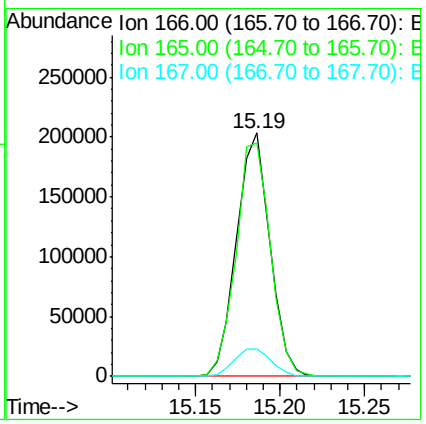


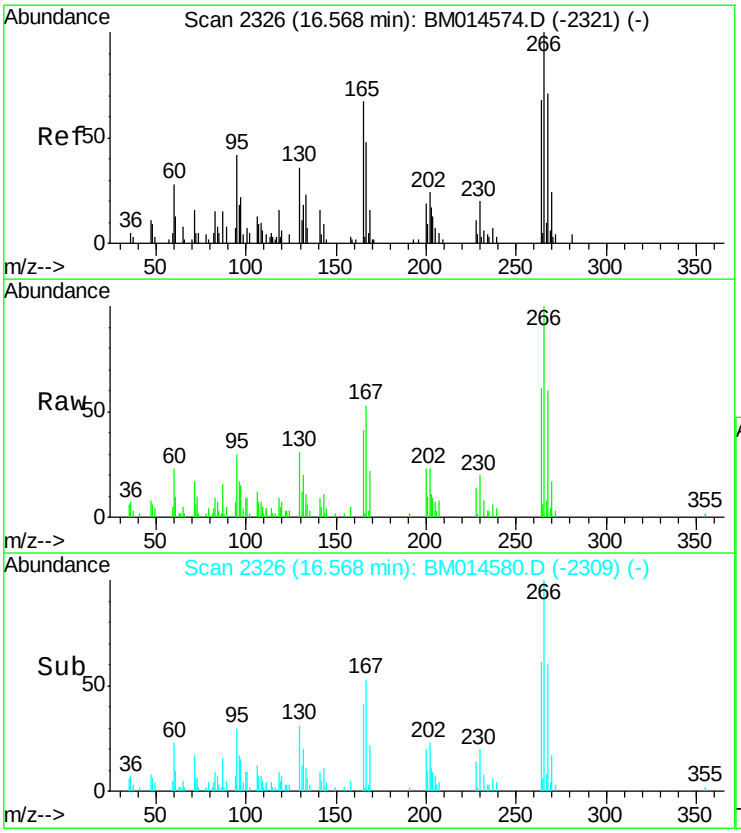
#11
Fluorene
Concen: 19.751 ng/ul
RT: 15.19 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BM014580.D
Acq: 15 Mar 2018 17:24

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Tgt Ion:166 Resp: 281290

Ion	Ratio	Lower	Upper
166	100		
165	95.7	77.9	116.9
167	11.4	10.6	16.0

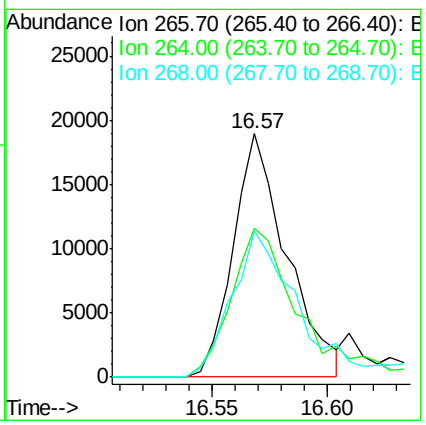


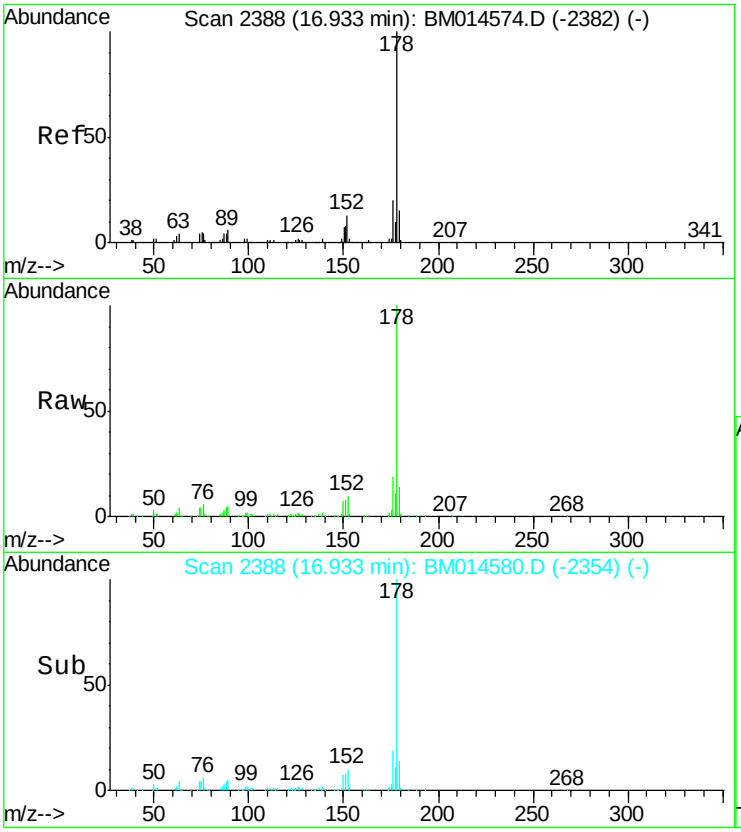


#13
Pentachlorophenol
Concen: 15.826 ng/ul
RT: 16.57 min Scan# 2326
Delta R.T. 0.00 min
Lab File: BM014580.D
Acq: 15 Mar 2018 17:24

Tgt Ion:266 Resp: 30575

Ion	Ratio	Lower	Upper
266	100		
264	61.2	49.3	73.9
268	60.0	52.6	78.8



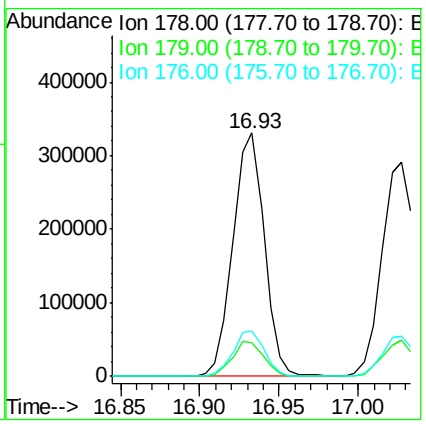


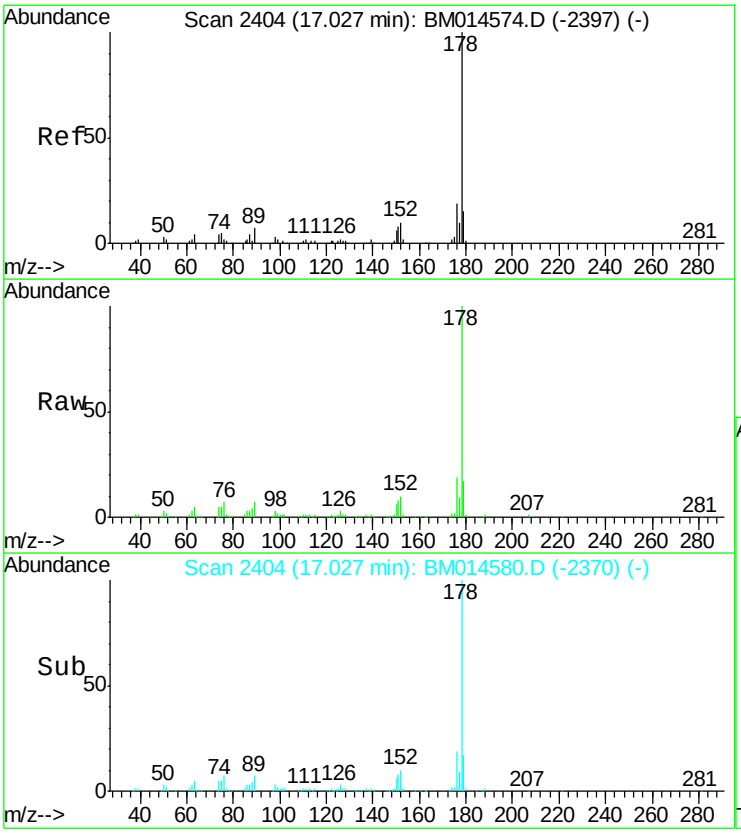
#14
Phenanthrene
Concen: 19.224 ng/ul
RT: 16.93 min Scan# 2388
Delta R.T. -0.00 min
Lab File: BM014580.D
Acq: 15 Mar 2018 17:24

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Tgt Ion:178 Resp: 454387

Ion	Ratio	Lower	Upper
178	100		
179	14.0	12.6	19.0
176	18.5	14.9	22.3

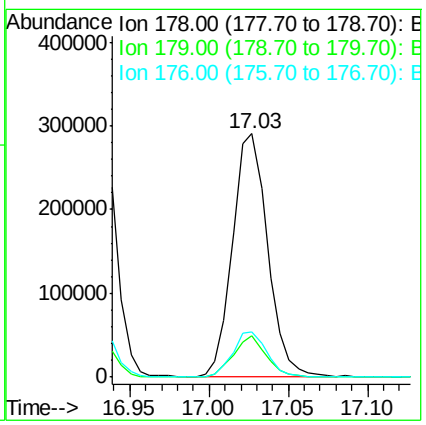


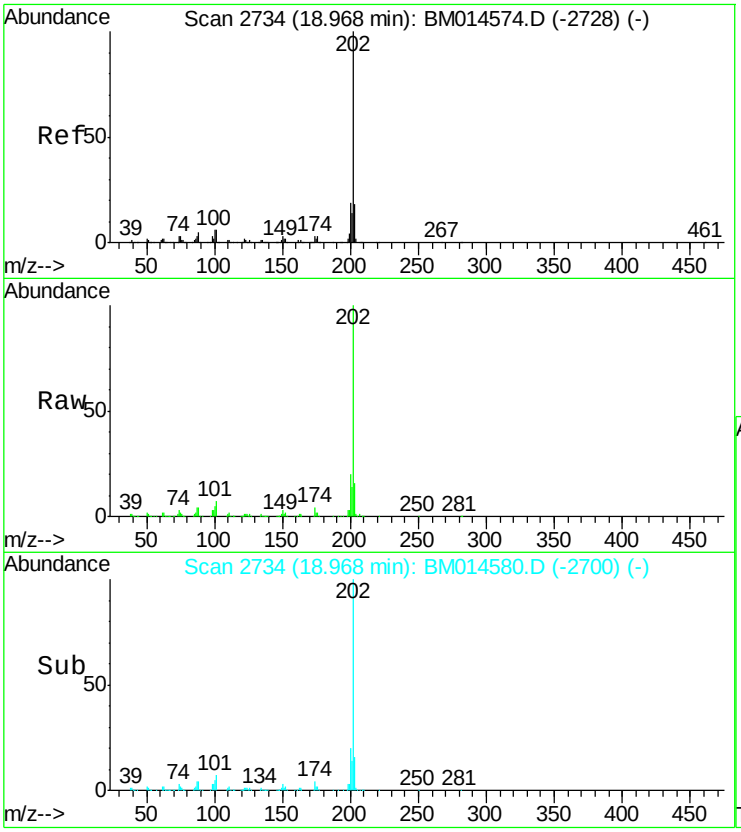


#16
Anthracene
Concen: 18.859 ng/ul
RT: 17.03 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BM014580.D
Acq: 15 Mar 2018 17:24

Tgt Ion:178 Resp: 445586

Ion	Ratio	Lower	Upper
178	100		
179	16.9	11.7	17.5
176	18.6	14.6	21.8



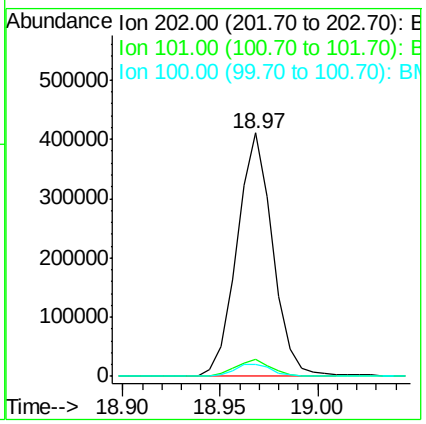


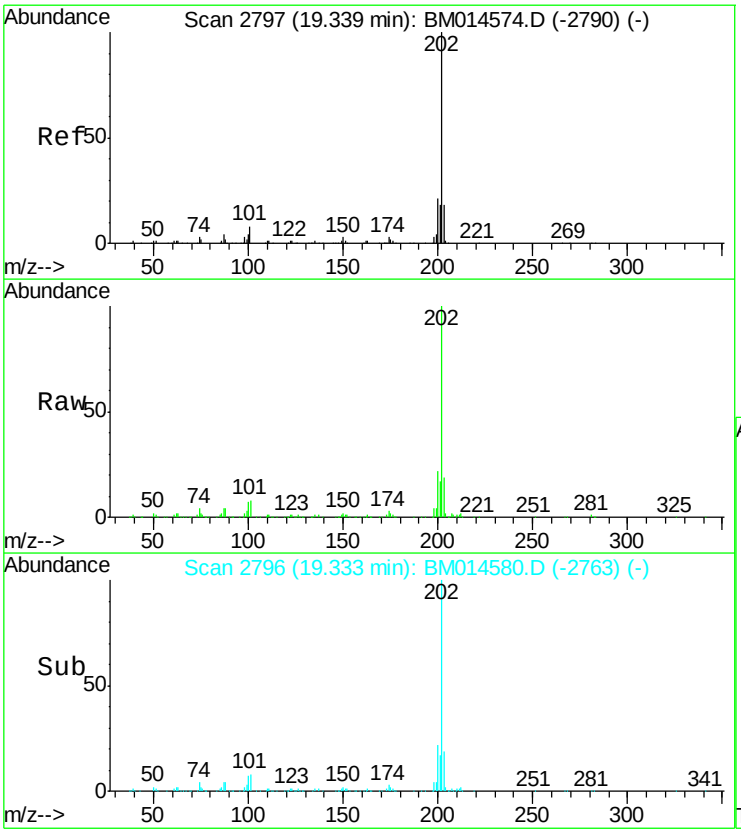
#17
Fluoranthene
Concen: 19.388 ng/ul
RT: 18.97 min Scan# 2734
Delta R.T. -0.00 min
Lab File: BM014580.D
Acq: 15 Mar 2018 17:24

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Tgt Ion:202 Resp: 520183

Ion	Ratio	Lower	Upper
202	100		
101	7.0	4.6	7.0
100	4.9	3.4	5.2

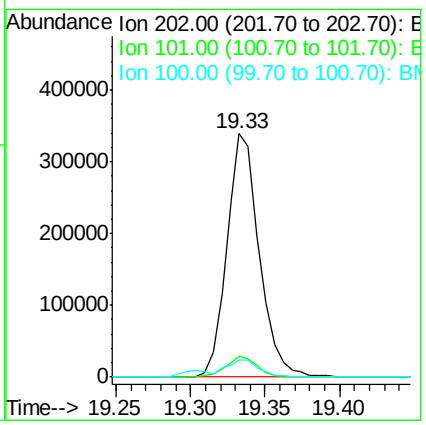


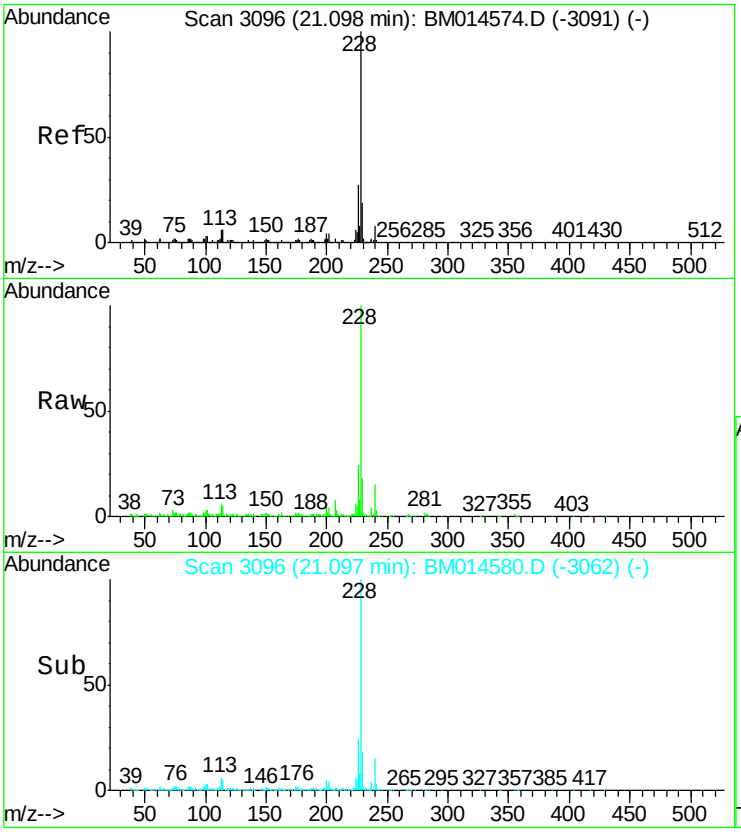


#20
Pyrene
Concen: 17.992 ng/ul
RT: 19.33 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BM014580.D
Acq: 15 Mar 2018 17:24

Tgt Ion:202 Resp: 514087

Ion	Ratio	Lower	Upper
202	100		
101	8.4	5.1	7.7#
100	7.1	4.9	7.3



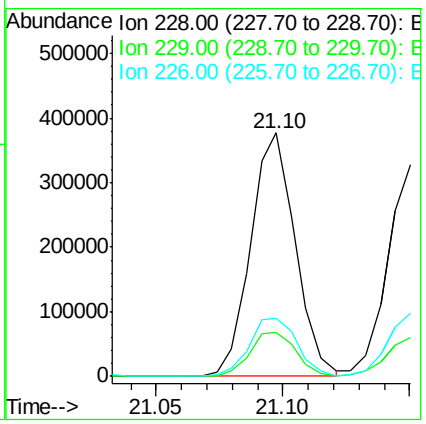


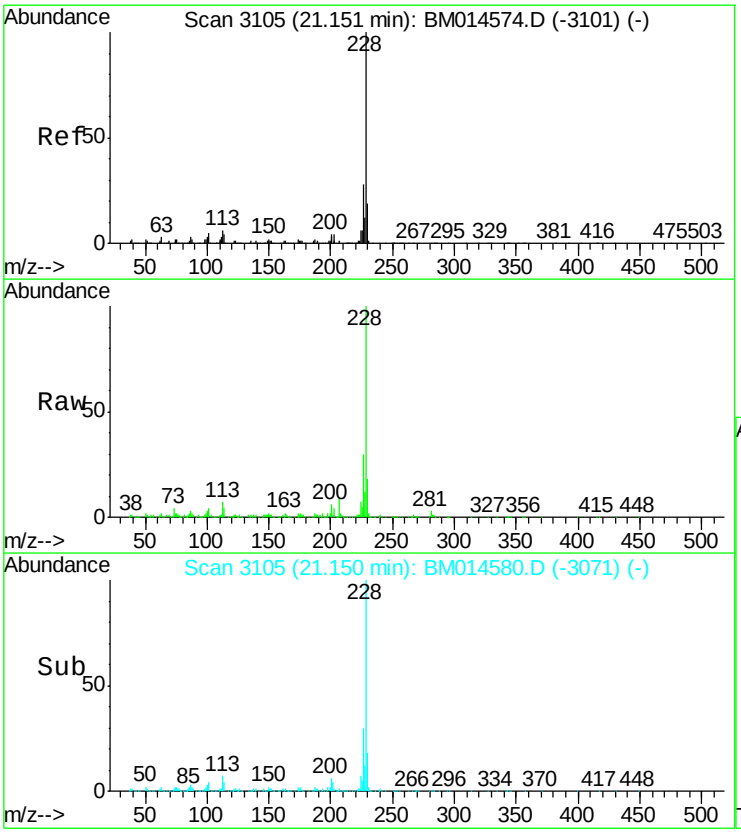
#21
Benzo(a)anthracene
Concen: 19.258 ng/ul
RT: 21.10 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BM014580.D
Acq: 15 Mar 2018 17:24

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Tgt Ion:228 Resp: 462674

Ion	Ratio	Lower	Upper
228	100		
229	18.3	15.4	23.0
226	24.1	21.4	32.0

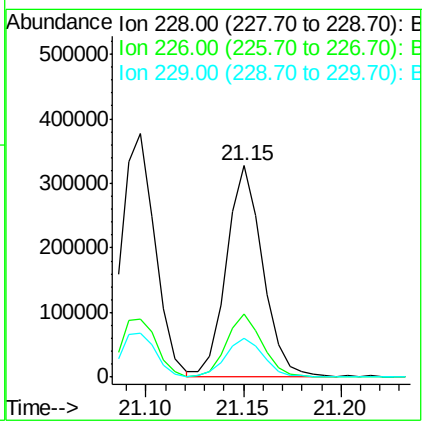


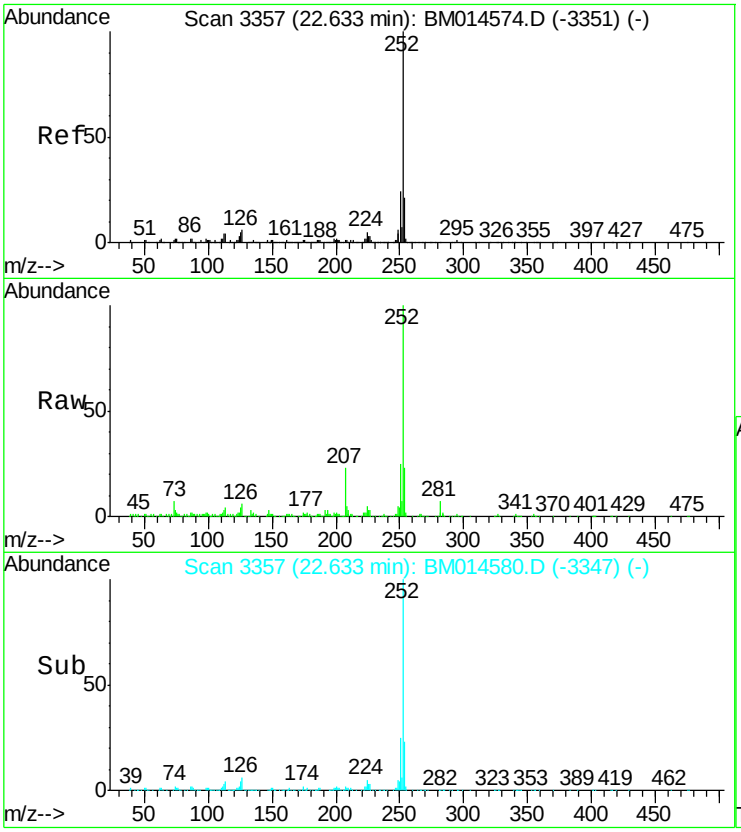


#22
Chrysene
Concen: 18.969 ng/ul
RT: 21.15 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BM014580.D
Acq: 15 Mar 2018 17:24

Tgt Ion:228 Resp: 419031

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	18.1	15.5	23.3



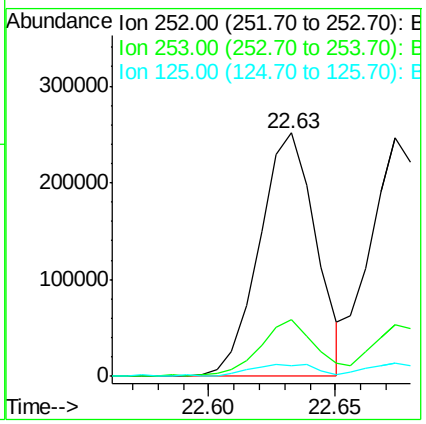


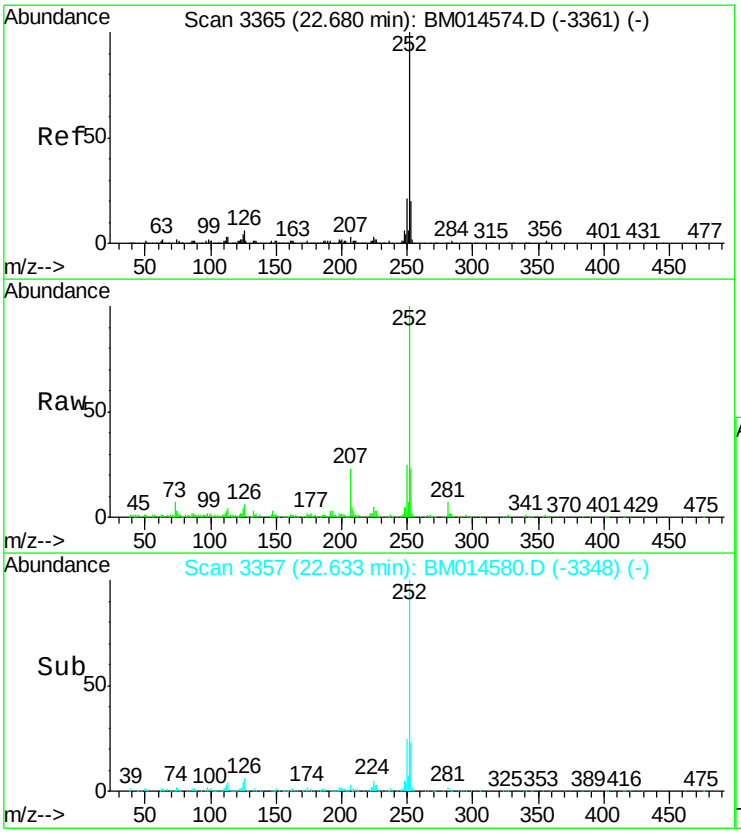
#24
Benzo(b)fluoranthene
Concen: 18.968 ng/ul
RT: 22.63 min Scan# 3357
Delta R.T. -0.00 min
Lab File: BM014580.D
Acq: 15 Mar 2018 17:24

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Tgt Ion:252 Resp: 388192

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	4.3	3.6	5.4

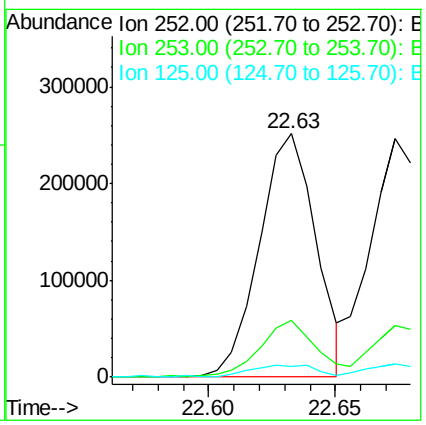


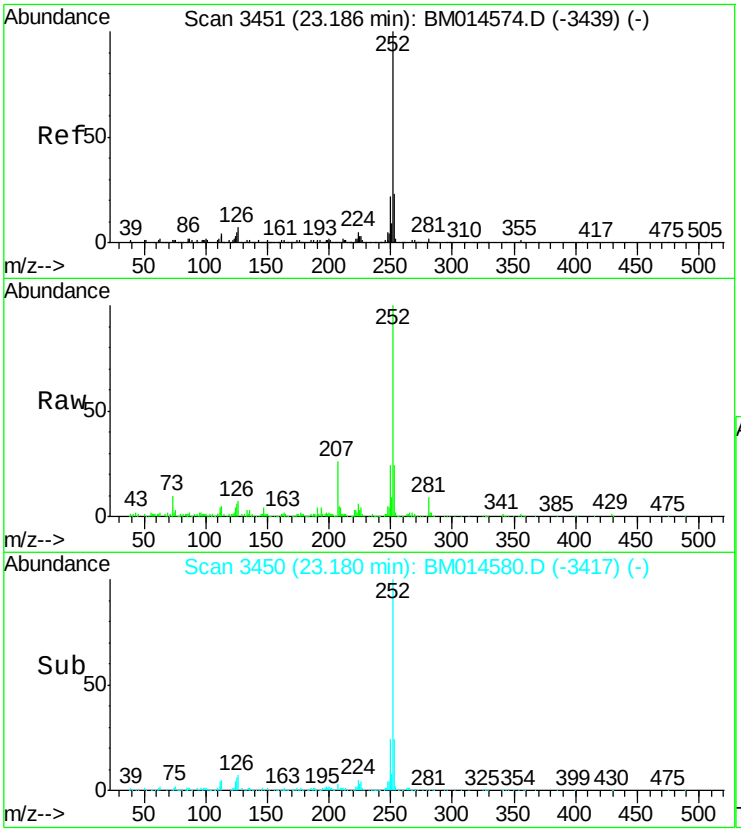


#25
Benzo(k)fluoranthene
Concen: 19.966 ng/ul
RT: 22.63 min Scan# 3357
Delta R.T. -0.05 min
Lab File: BM014580.D
Acq: 15 Mar 2018 17:24

Tgt Ion:252 Resp: 388192

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	4.3	3.4	5.2



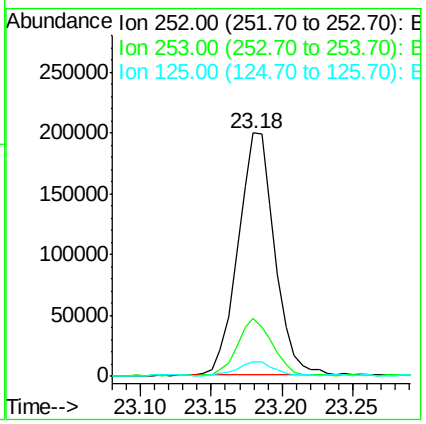


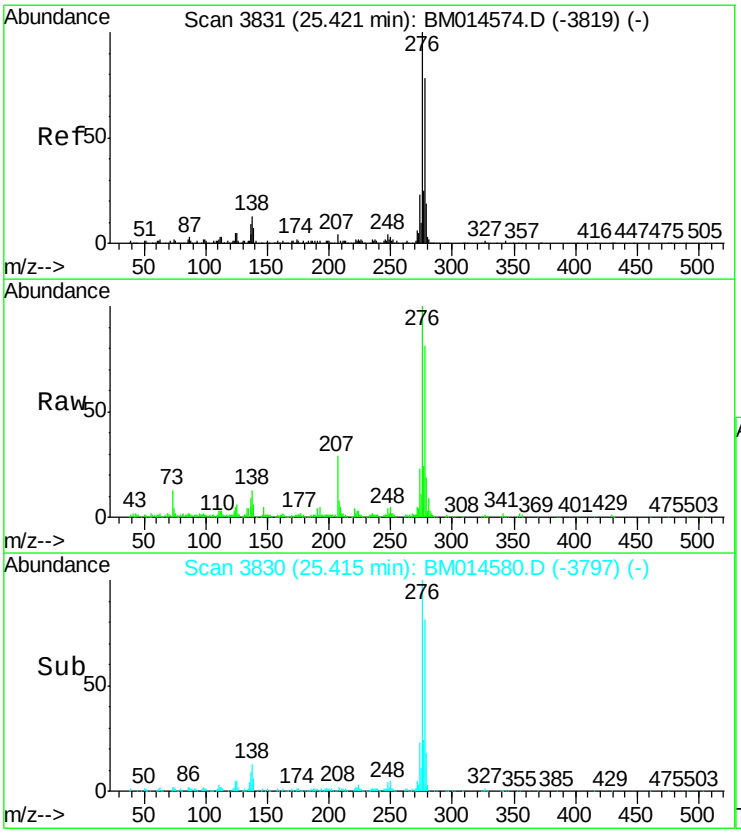
#27
Benzo(a)pyrene
Concen: 18.596 ng/ul
RT: 23.18 min Scan# 3450
Delta R.T. -0.01 min
Lab File: BM014580.D
Acq: 15 Mar 2018 17:24

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Tgt Ion:252 Resp: 361232

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	5.9	4.0	6.0

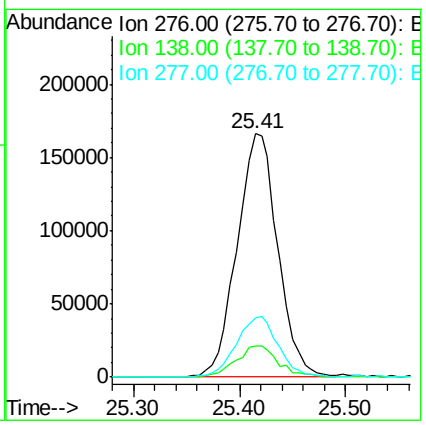


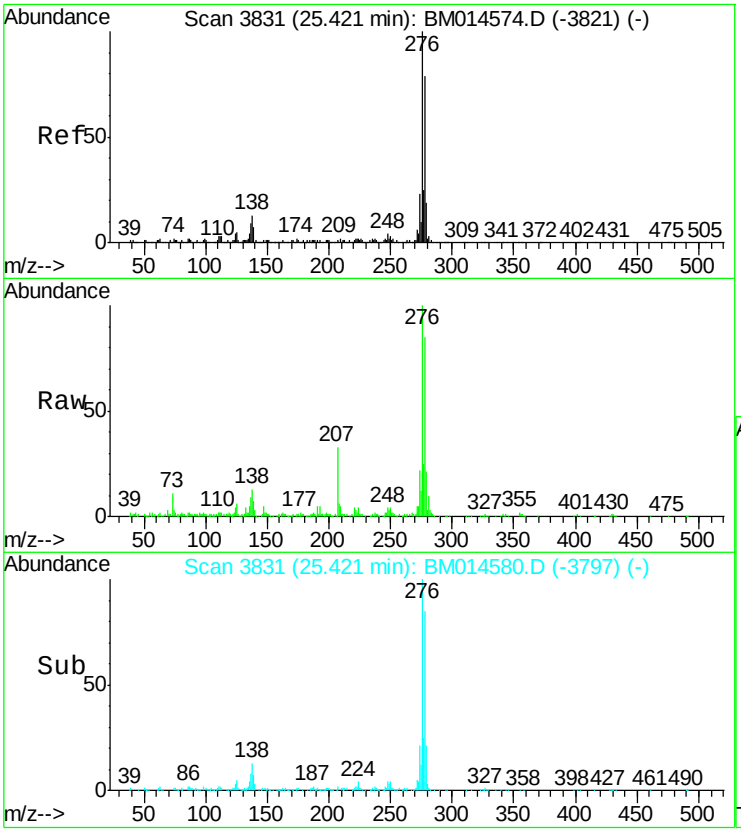


#28
Indeno(1,2,3-cd)pyrene
Concen: 19.833 ng/ul
RT: 25.41 min Scan# 3830
Delta R.T. -0.01 min
Lab File: BM014580.D
Acq: 15 Mar 2018 17:24

Tgt Ion:276 Resp: 443418

Ion	Ratio	Lower	Upper
276	100		
138	12.7	9.3	13.9
277	24.2	19.9	29.9



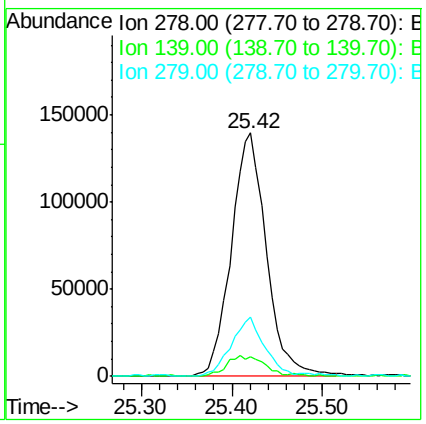


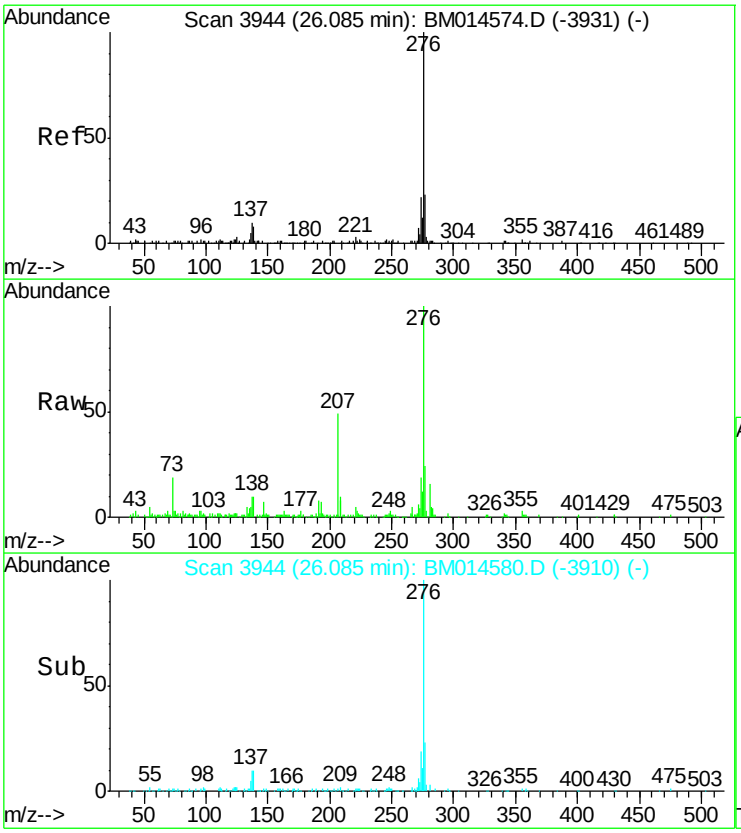
#29
Dibenzo(a,h)anthracene
Concen: 20.054 ng/ul
RT: 25.42 min Scan# 3831
Delta R.T. -0.00 min
Lab File: BM014580.D
Acq: 15 Mar 2018 17:24

Instrument :
BNA_M
ClientSampleId :
SSTD02050

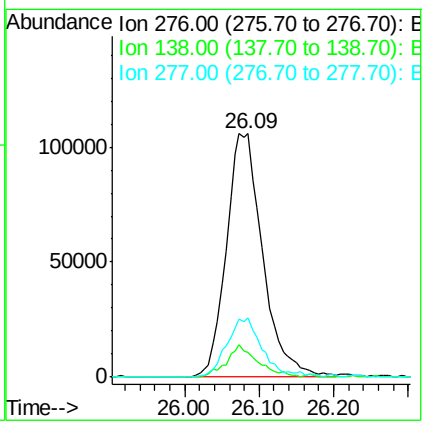
Tgt Ion:278 Resp: 375269

Ion	Ratio	Lower	Upper
278	100		
139	11.0	5.8	8.8#
279	24.5	18.6	27.8





#30
Benzo(g,h,i)perylene
Concen: 20.162 ng/ul
RT: 26.09 min Scan# 3944
Delta R.T. -0.00 min
Lab File: BM014580.D
Acq: 15 Mar 2018 17:24

Tgt Ion:276 Resp: 359081

Ion	Ratio	Lower	Upper
276	100		
138	10.2	8.5	12.7
277	24.2	18.6	28.0