Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062522\
Data File : BM035685.D
Acq On : 25 Jun 2022 13:48
Operator : CG/JU
Sample : SSTD0.853
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Quant Time: Jun 28 02:06:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 28 02:03:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	2852	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.600	136	11719	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.427	164	7080	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.187	188	14701	0.400	ng/ul	0.00
17) Chrysene-d12	21.371	240	11352	0.400	ng/ul	0.00
23) Perylene-d12	23.707	264	9671	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	3283	0.818	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	15824	0.909	ng/ul	-0.03
18) Fluoranthene-d10	19.210	212	33847	0.888	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.251	88	3055	0.765	ng/ul	89
5) Naphthalene	10.644	128	26880	0.677	ng/ul	97
7) 2-Methylnaphthalene	12.272	142	17358	0.766	ng/ul	96
8) 1-Methylnaphthalene	12.475	142	18739	0.900	ng/ul	99
10) Acenaphthylene	14.154	152	28174	0.707	ng/ul	98
11) Acenaphthene	14.487	153	21562	0.730	ng/ul	99
12) Fluorene	15.491	166	25068	0.751	ng/ul	99
14) Pentachlorophenol	16.883	266	1727	0.612	ng/ul	99
15) Phenanthrene	17.225	178	39229	0.728	ng/ul	99
16) Anthracene	17.330	178	33530	0.711	ng/ul	98
19) Fluoranthene	19.243	202	43865	0.756	ng/ul	99
20) Pyrene	19.610	202	46422	0.763	ng/ul	98
21) Benzo(a)anthracene	21.360	228	30664	0.714	ng/ul	99
22) Chrysene	21.409	228	36983	0.724	ng/ul	99
24) Benzo(b)fluoranthene	22.993	252	32761	0.774	ng/ul	91
25) Benzo(k)fluoranthene	23.040	252	32749	0.745	ng/ul#	90
26) Benzo(a)pyrene	23.604	252	32267	0.735	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.105	276	35834	0.709	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.118	278	28650	0.694	ng/ul	92
29) Benzo(g,h,i)perylene	26.843	276	32731	0.723	ng/ul	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062522\
Data File : BM035685.D
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Operator : CG/JU
Sample : SSTD0.853
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Instrument :
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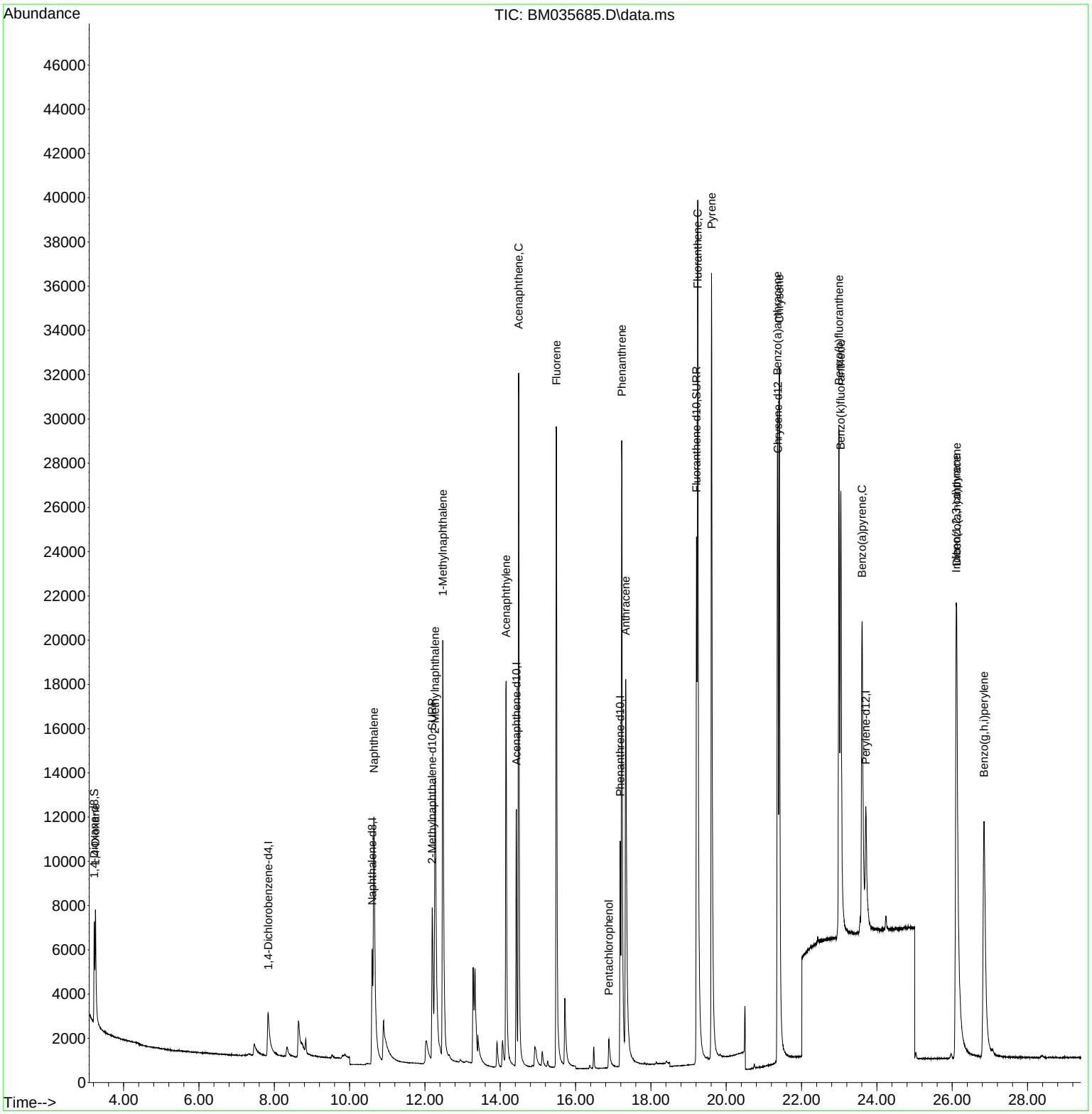
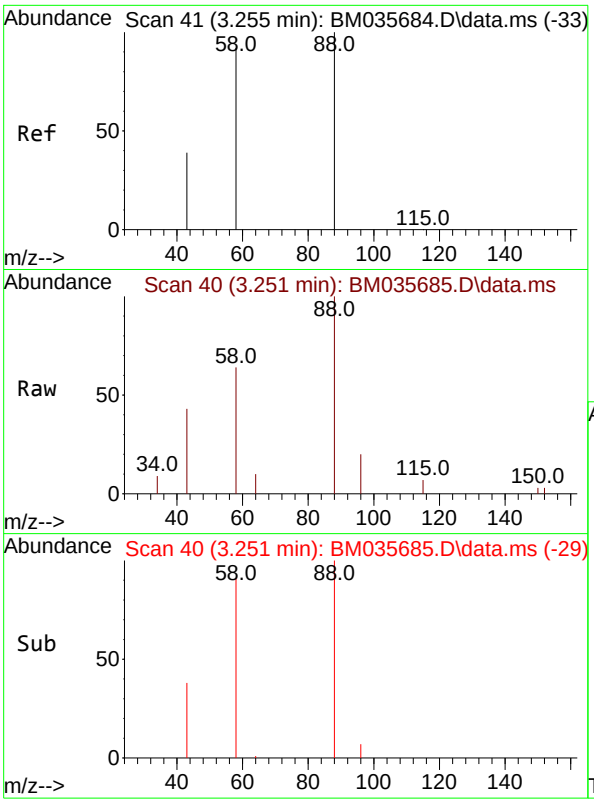
Quant Time: Jun 28 02:06:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 28 02:03:15 2022
Response via : Initial Calibration



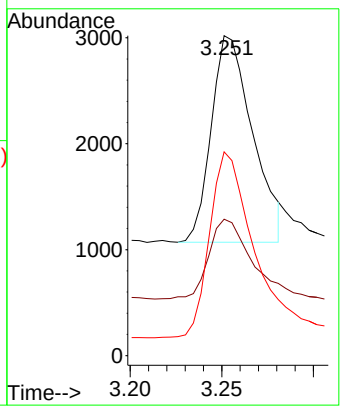


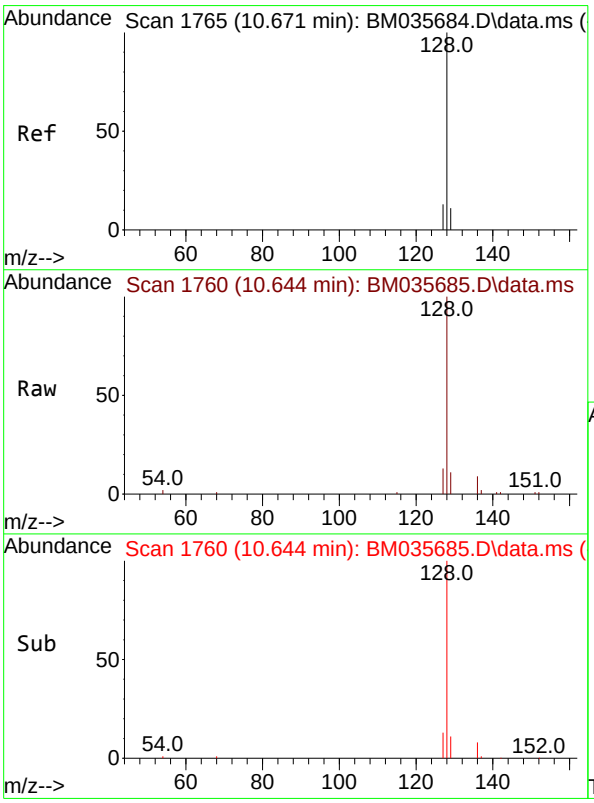
#2
1,4-Dioxane
Concen: 0.765 ng/ul
RT: 3.251 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM035685.D
Acq: 25 Jun 2022 13:48

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion: 88 Resp: 3055

Ion	Ratio	Lower	Upper
88	100		
43	42.6	37.8	56.6
58	63.7	42.6	63.8

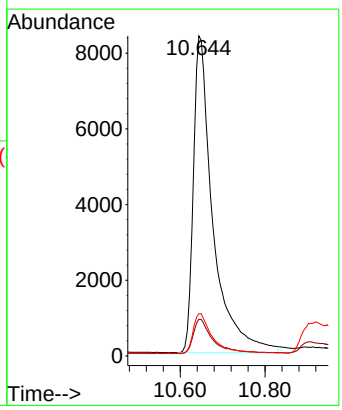


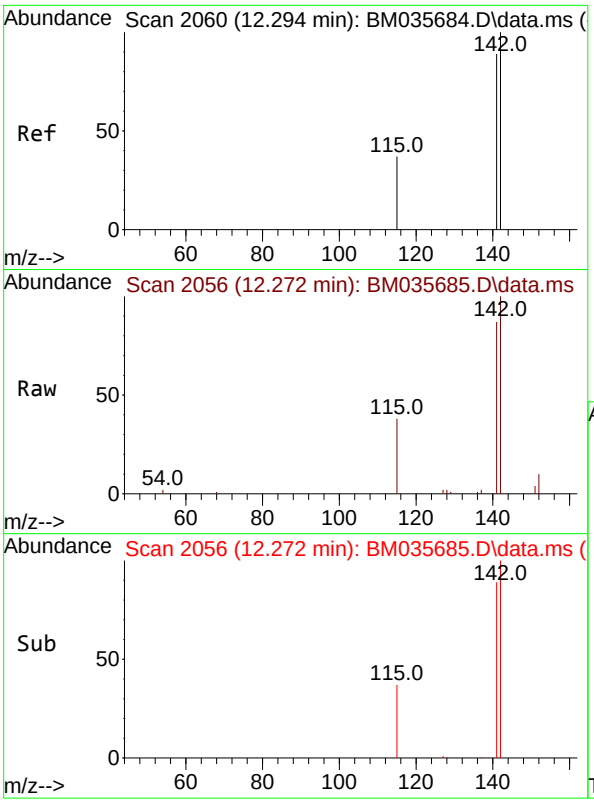


#5
Naphthalene
Concen: 0.677 ng/ul
RT: 10.644 min Scan# 1760
Delta R.T. -0.027 min
Lab File: BM035685.D
Acq: 25 Jun 2022 13:48

Tgt Ion:128 Resp: 26880

Ion	Ratio	Lower	Upper
128	100		
129	11.5	10.2	15.2
127	13.2	11.7	17.5



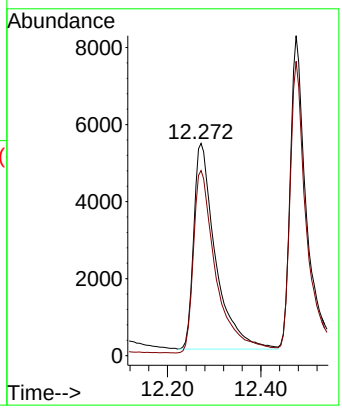


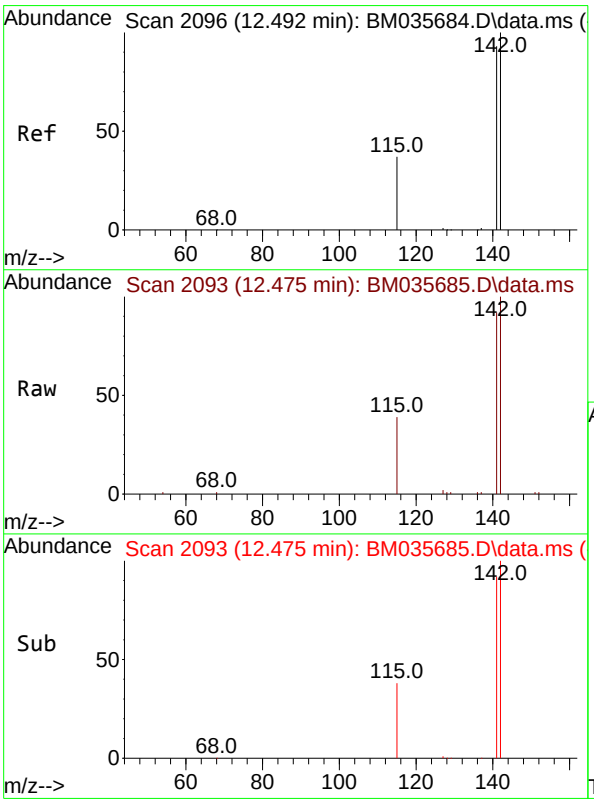
#7
2-Methylnaphthalene
Concen: 0.766 ng/ul
RT: 12.272 min Scan# 2
Delta R.T. -0.022 min
Lab File: BM035685.D
Acq: 25 Jun 2022 13:48

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:142 Resp: 17358

Ion	Ratio	Lower	Upper
142	100		
141	92.7	77.4	116.0

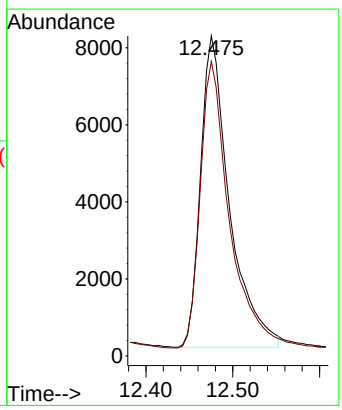


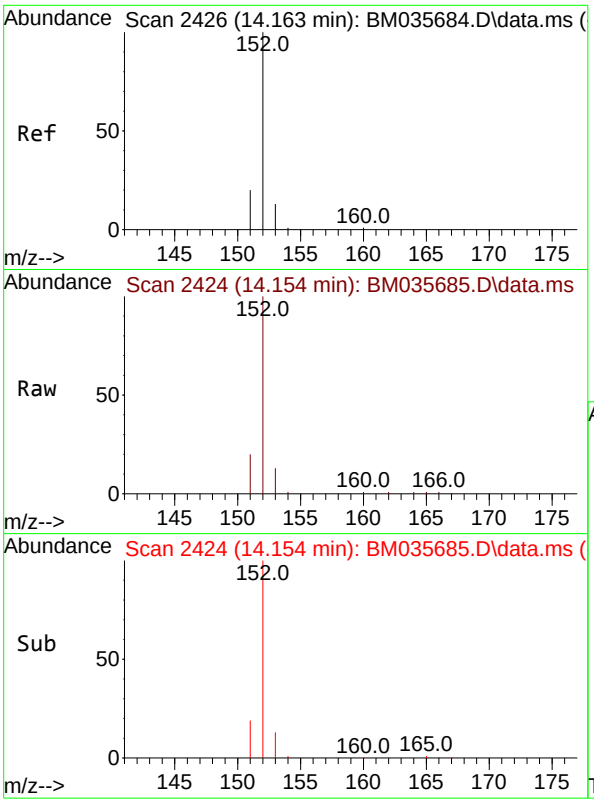


#8
1-Methylnaphthalene
Concen: 0.900 ng/ul
RT: 12.475 min Scan# 2093
Delta R.T. -0.016 min
Lab File: BM035685.D
Acq: 25 Jun 2022 13:48

Tgt Ion:142 Resp: 18739

Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.1	111.1



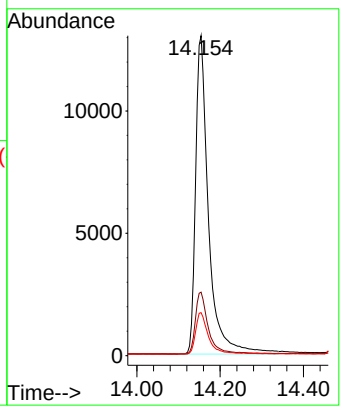


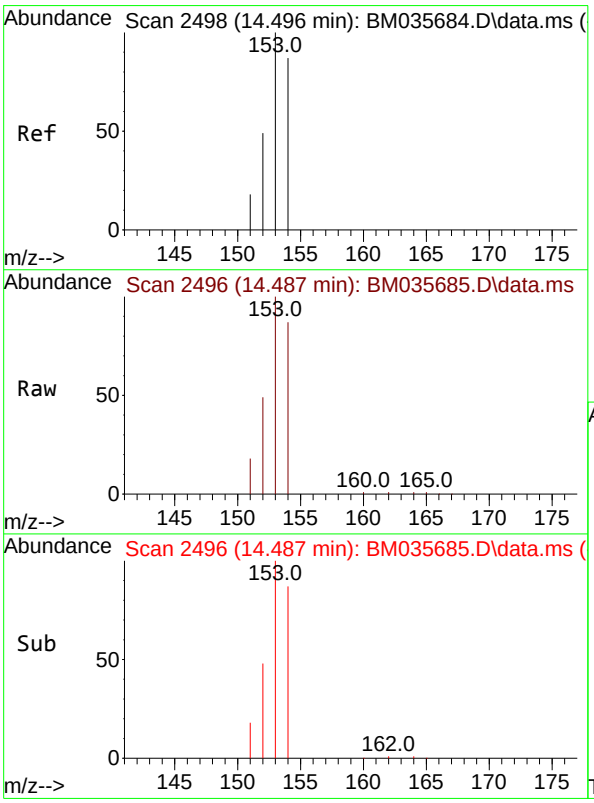
#10
Acenaphthylene
Concen: 0.707 ng/ul
RT: 14.154 min Scan# 24
Delta R.T. -0.009 min
Lab File: BM035685.D
Acq: 25 Jun 2022 13:48

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:152 Resp: 28174

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.6	24.8
153	13.4	11.4	17.0

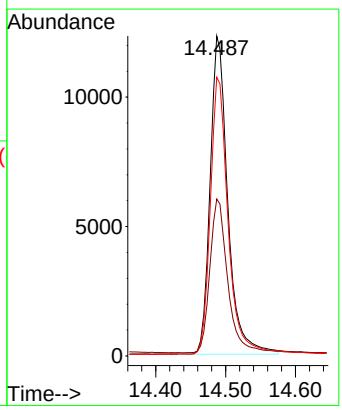


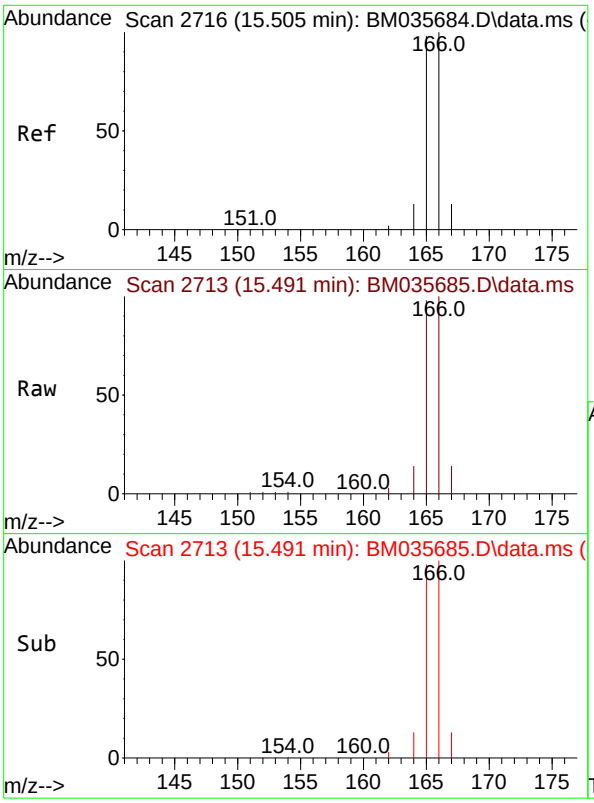


#11
Acenaphthene
Concen: 0.730 ng/ul
RT: 14.487 min Scan# 2496
Delta R.T. -0.009 min
Lab File: BM035685.D
Acq: 25 Jun 2022 13:48

Tgt Ion:153 Resp: 21562

Ion	Ratio	Lower	Upper
153	100		
152	49.1	40.2	60.4
154	87.1	69.7	104.5



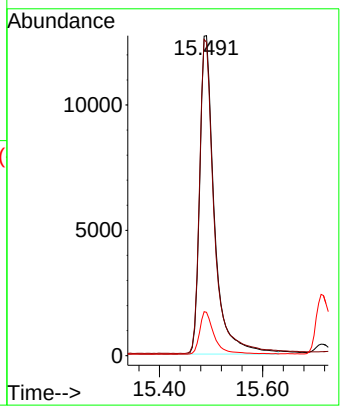


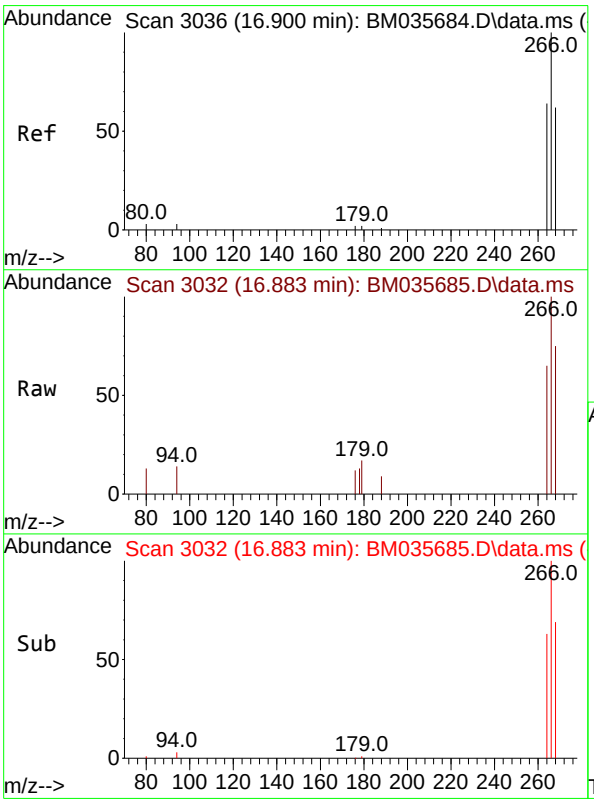
#12
Fluorene
Concen: 0.751 ng/ul
RT: 15.491 min Scan# 2
Delta R.T. -0.014 min
Lab File: BM035685.D
Acq: 25 Jun 2022 13:48

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:166 Resp: 25068

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.9	118.3
167	13.5	11.3	16.9

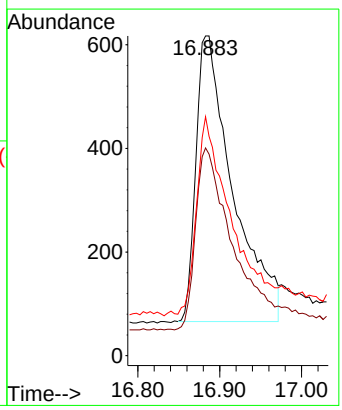


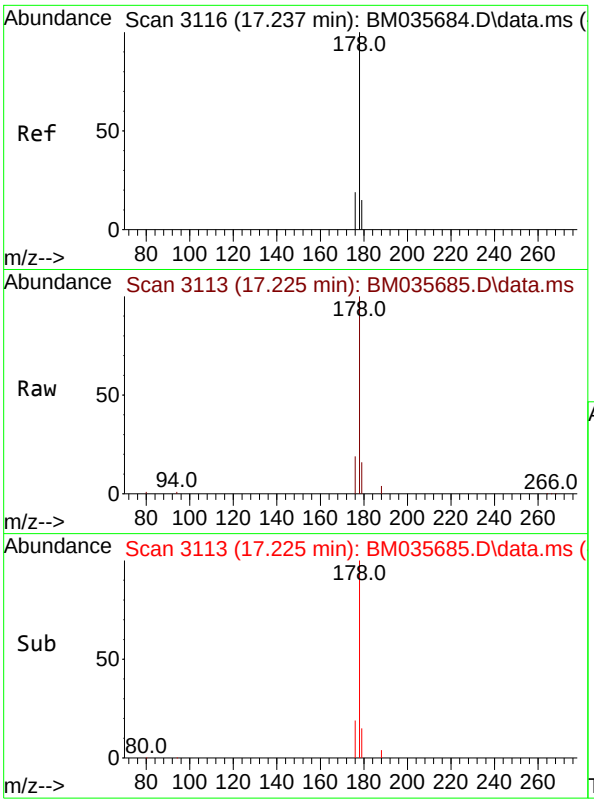


#14
Pentachlorophenol
Concen: 0.612 ng/ul
RT: 16.883 min Scan# 3032
Delta R.T. -0.017 min
Lab File: BM035685.D
Acq: 25 Jun 2022 13:48

Tgt Ion:266 Resp: 1727

Ion	Ratio	Lower	Upper
266	100		
264	64.0	50.3	75.5
268	65.7	53.5	80.3



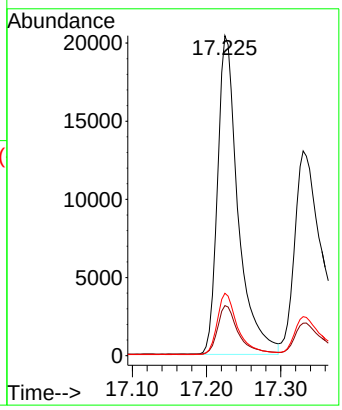


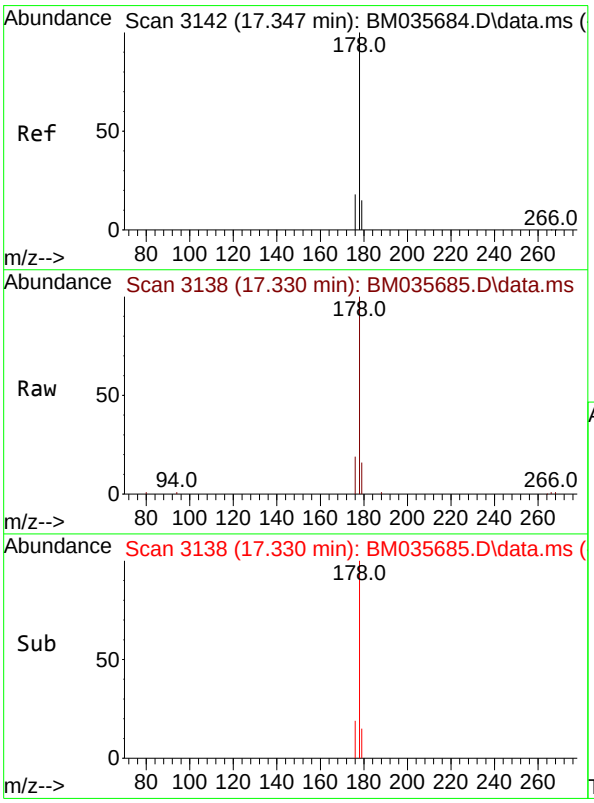
#15
Phenanthrene
Concen: 0.728 ng/ul
RT: 17.225 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM035685.D
Acq: 25 Jun 2022 13:48

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:178 Resp: 39229

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.0	19.6
176	19.5	15.6	23.4

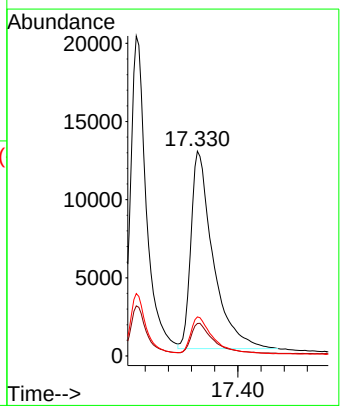


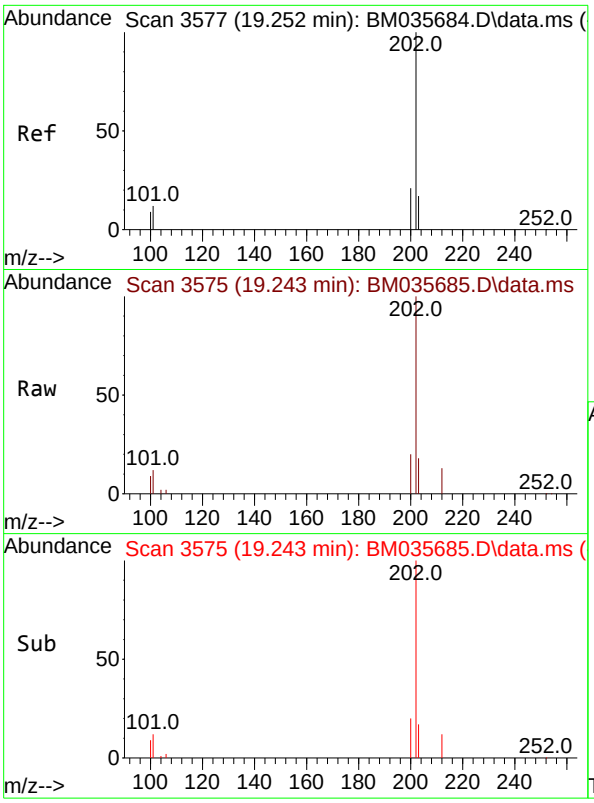


#16
Anthracene
Concen: 0.711 ng/ul
RT: 17.330 min Scan# 3138
Delta R.T. -0.017 min
Lab File: BM035685.D
Acq: 25 Jun 2022 13:48

Tgt Ion:178 Resp: 33530

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.6	20.4
176	19.1	15.6	23.4



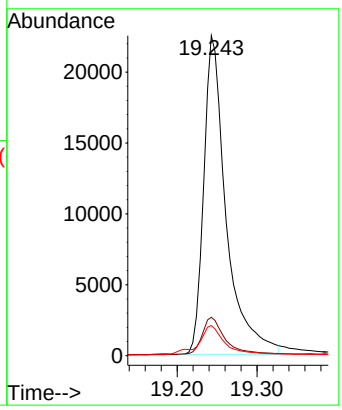


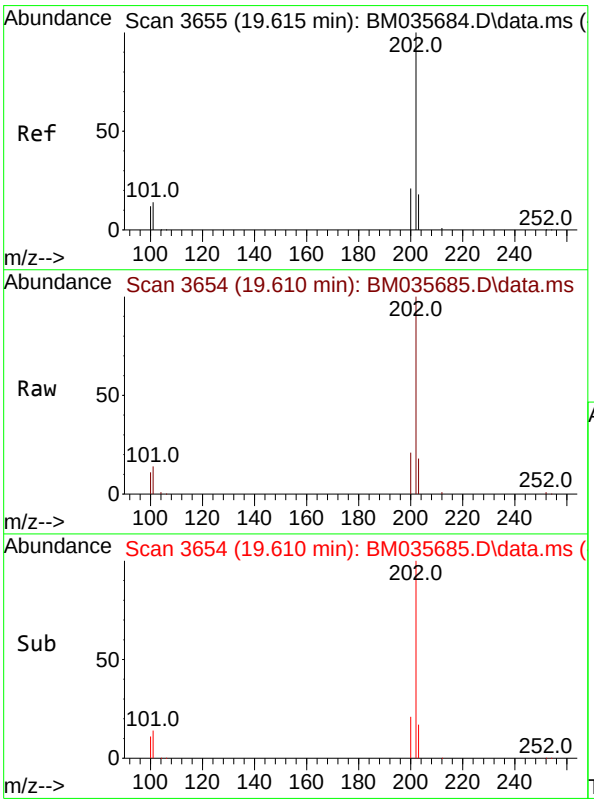
#19
Fluoranthene
Concen: 0.756 ng/ul
RT: 19.243 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM035685.D
Acq: 25 Jun 2022 13:48

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:202 Resp: 43865

Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.1	15.1
100	9.4	7.9	11.9

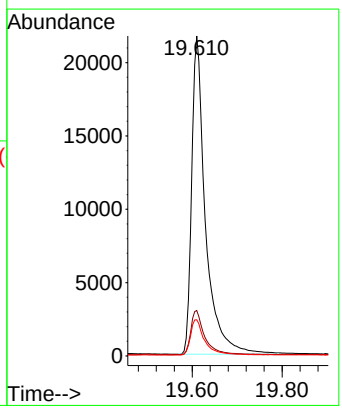


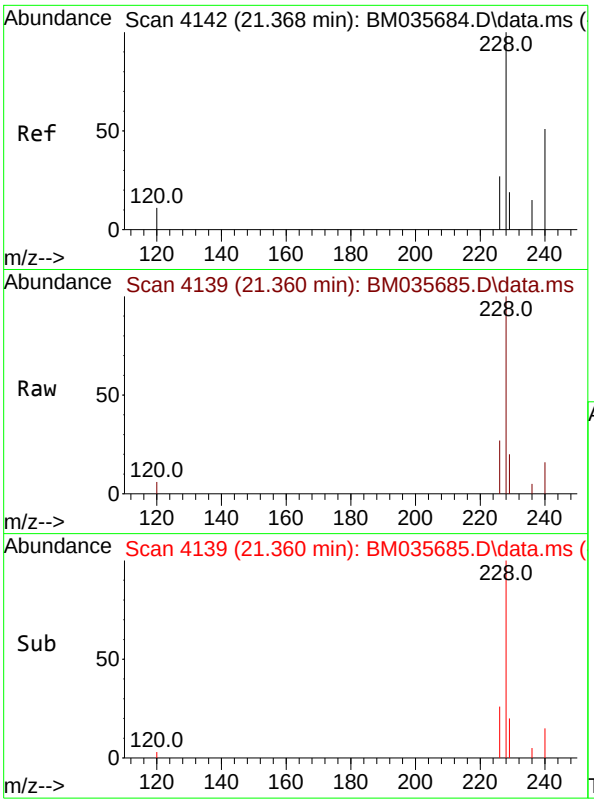


#20
Pyrene
Concen: 0.763 ng/ul
RT: 19.610 min Scan# 3654
Delta R.T. -0.005 min
Lab File: BM035685.D
Acq: 25 Jun 2022 13:48

Tgt Ion:202 Resp: 46422

Ion	Ratio	Lower	Upper
202	100		
101	14.2	12.0	18.0
100	11.3	9.8	14.6





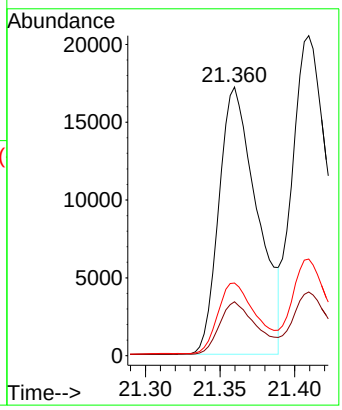
#21
Benzo(a)anthracene
Concen: 0.714 ng/ul
RT: 21.360 min Scan# 4

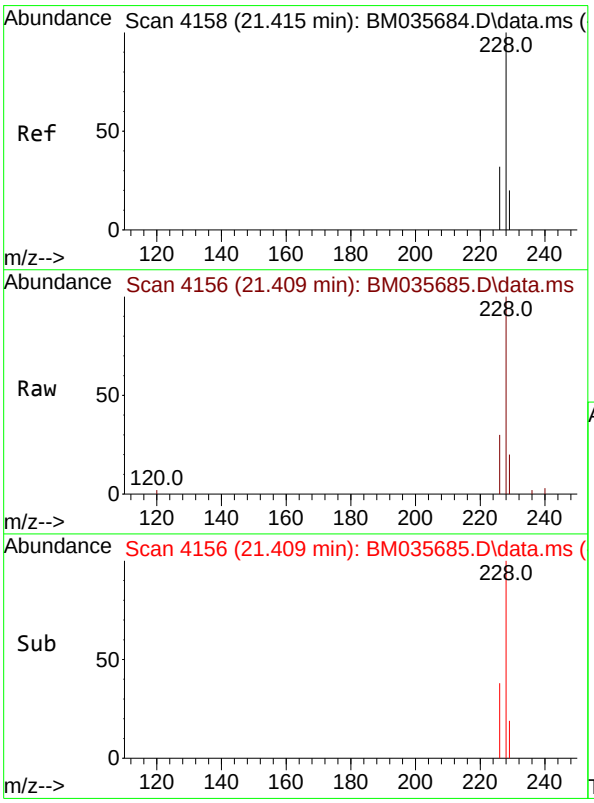
Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Delta R.T. -0.009 min
Lab File: BM035685.D
Acq: 25 Jun 2022 13:48

Tgt Ion:228 Resp: 30664

Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.2	24.2
226	27.0	22.5	33.7

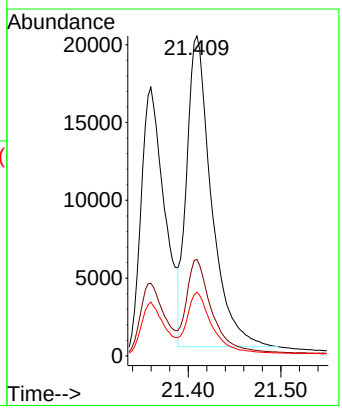


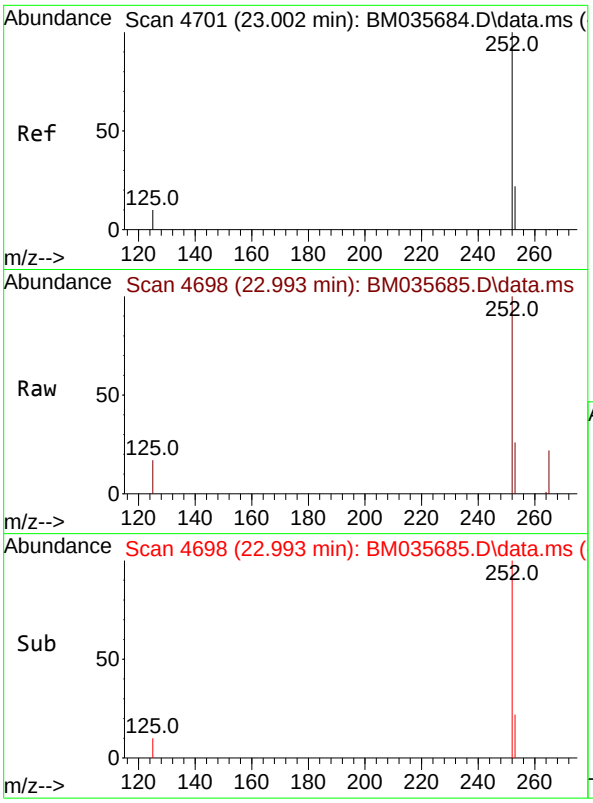


#22
Chrysene
Concen: 0.724 ng/ul
RT: 21.409 min Scan# 4156
Delta R.T. -0.006 min
Lab File: BM035685.D
Acq: 25 Jun 2022 13:48

Tgt Ion:228 Resp: 36983

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	37.0
229	19.9	16.4	24.6



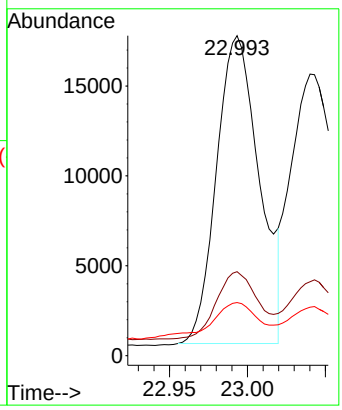


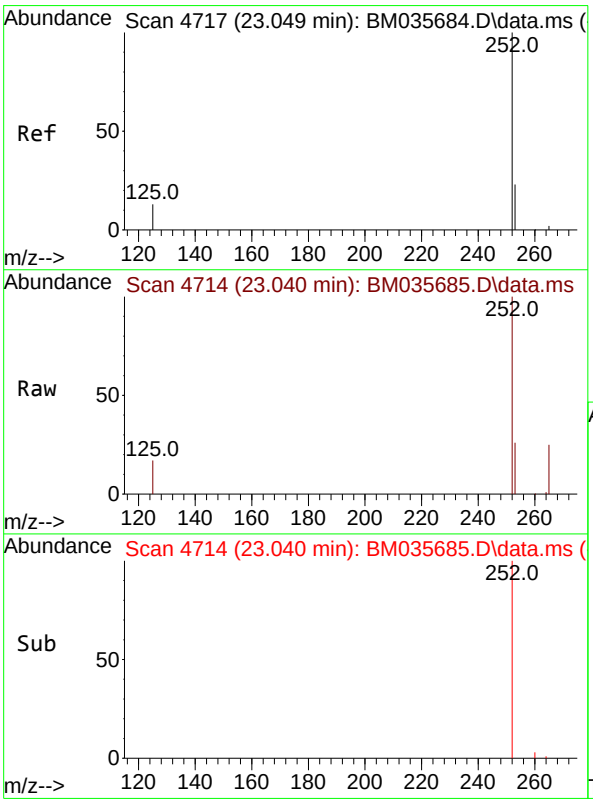
#24
Benzo(b)fluoranthene
Concen: 0.774 ng/ul
RT: 22.993 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM035685.D
Acq: 25 Jun 2022 13:48

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:252 Resp: 32761

Ion	Ratio	Lower	Upper
252	100		
253	26.3	0.0	61.4
125	16.6	0.0	42.6

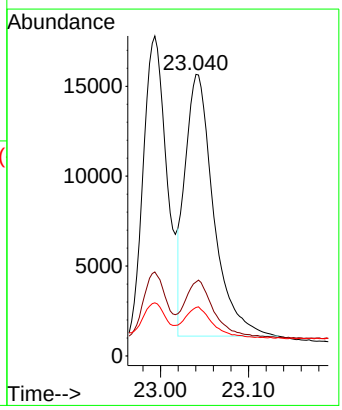


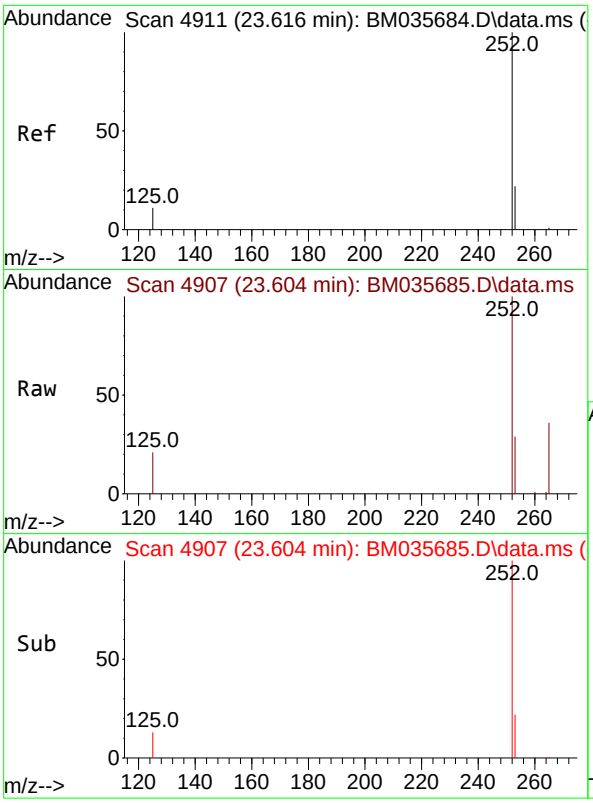


#25
Benzo(k)fluoranthene
Concen: 0.745 ng/ul
RT: 23.040 min Scan# 4714
Delta R.T. -0.009 min
Lab File: BM035685.D
Acq: 25 Jun 2022 13:48

Tgt Ion:252 Resp: 32749

Ion	Ratio	Lower	Upper
252	100		
253	26.3	25.2	37.8
125	17.2	18.3	27.5#



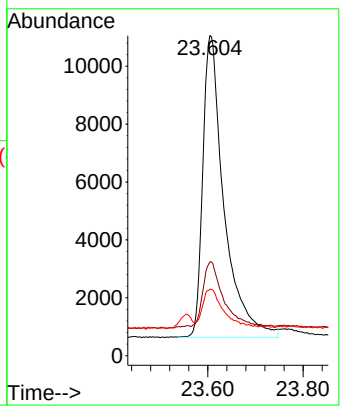


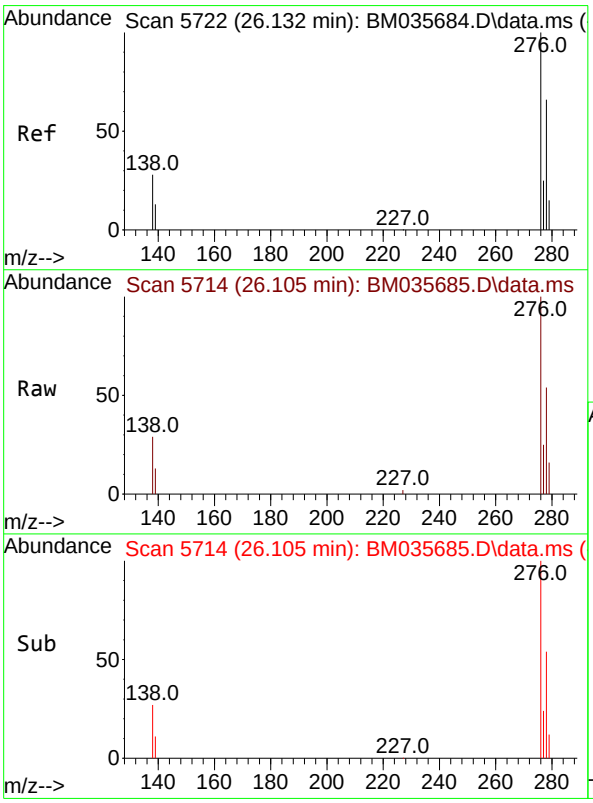
#26
Benzo(a)pyrene
Concen: 0.735 ng/ul
RT: 23.604 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM035685.D
Acq: 25 Jun 2022 13:48

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:252 Resp: 32267

Ion	Ratio	Lower	Upper
252	100		
253	29.3	29.7	44.5#
125	20.8	23.6	35.4#

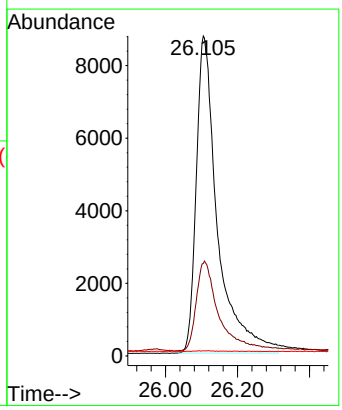


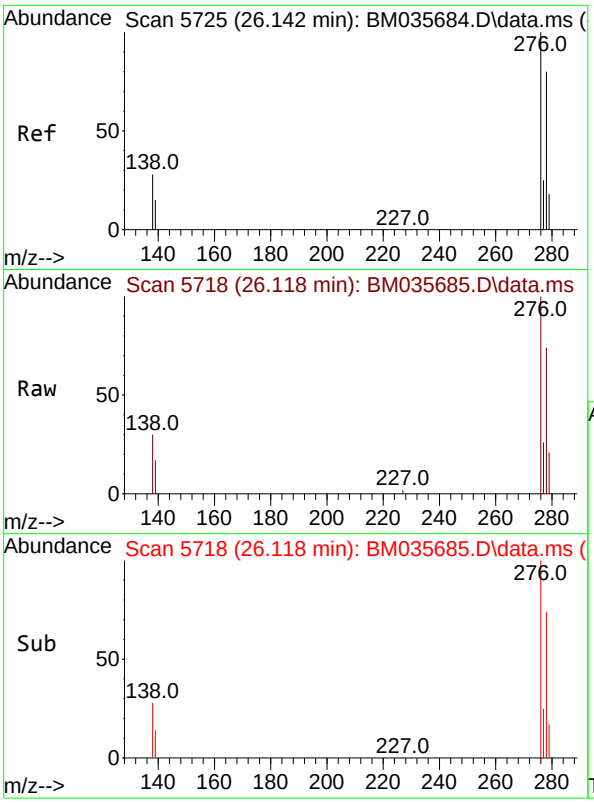


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.709 ng/ul
RT: 26.105 min Scan# 5714
Delta R.T. -0.027 min
Lab File: BM035685.D
Acq: 25 Jun 2022 13:48

Tgt Ion:276 Resp: 35834

Ion	Ratio	Lower	Upper
276	100		
138	30.3	23.9	35.9
227	0.0	0.1	0.1#



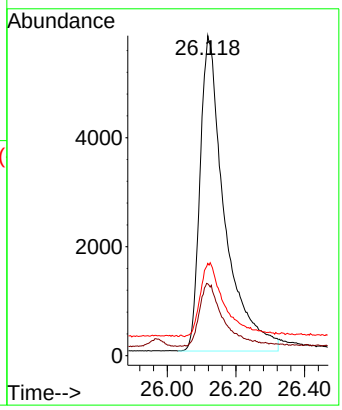


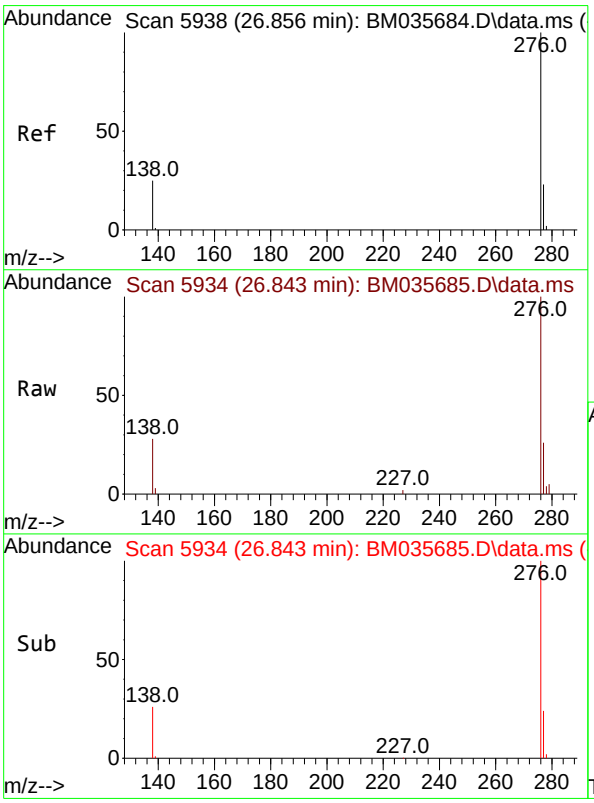
#28
Dibenzo(a,h)anthracene
Concen: 0.694 ng/ul
RT: 26.118 min Scan# 5
Delta R.T. -0.023 min
Lab File: BM035685.D
Acq: 25 Jun 2022 13:48

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:278 Resp: 28650

Ion	Ratio	Lower	Upper
278	100		
139	22.5	19.8	29.6
279	28.9	27.7	41.5





#29
Benzo(g,h,i)perylene
Concen: 0.723 ng/ul
RT: 26.843 min Scan# 5934
Delta R.T. -0.013 min
Lab File: BM035685.D
Acq: 25 Jun 2022 13:48

Tgt Ion:276 Resp: 32731

Ion	Ratio	Lower	Upper
276	100		
138	27.7	23.4	35.0
277	25.6	21.0	31.4