Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
Data File : BM034617.D
Acq On : 12 Apr 2022 12:05
Operator : CG/JU
Sample : SSTD0.122
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

Quant Time: Apr 12 15:03:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM041222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 12 14:58:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.897	152	1911	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.711	136	5691	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.534	164	3184	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.284	188	5102	0.400	ng/ul	0.00
17) Chrysene-d12	21.467	240	4932	0.400	ng/ul	# 0.00
23) Perylene-d12	23.846	264	3894	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	395	0.123	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	820	0.110	ng/ul	0.01
18) Fluoranthene-d10	19.313	212	1505	0.104	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.294	88	336	0.105	ng/ul#	56
5) Naphthalene	10.760	128	1767	0.099	ng/ul#	91
7) 2-Methylnaphthalene	12.393	142	1033	0.106	ng/ul	97
8) 1-Methylnaphthalene	12.591	142	1064	0.109	ng/ul	95
10) Acenaphthylene	14.261	152	1567	0.106	ng/ul	94
11) Acenaphthene	14.599	153	1248	0.105	ng/ul	95
12) Fluorene	15.593	166	1290	0.105	ng/ul#	96
14) Pentachlorophenol	16.951	266	260	0.120	ng/ul	98
15) Phenanthrene	17.331	178	1764	0.106	ng/ul#	88
16) Anthracene	17.428	178	1256	0.100	ng/ul#	85
19) Fluoranthene	19.341	202	2158	0.104	ng/ul#	82
20) Pyrene	19.703	202	2631	0.109	ng/ul#	84
21) Benzo(a)anthracene	21.452	228	1030	0.096	ng/ul#	83
22) Chrysene	21.502	228	1352	0.107	ng/ul#	90
24) Benzo(b)fluoranthene	23.121	252	1676	0.132	ng/ul#	2
25) Benzo(k)fluoranthene	23.168	252	1326	0.117	ng/ul#	30
26) Benzo(a)pyrene	23.752	252	1590	0.107	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.375	276	2055	0.115	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.395	278	1475	0.113	ng/ul#	1
29) Benzo(g,h,i)perylene	27.096	276	2297	0.118	ng/ul#	68

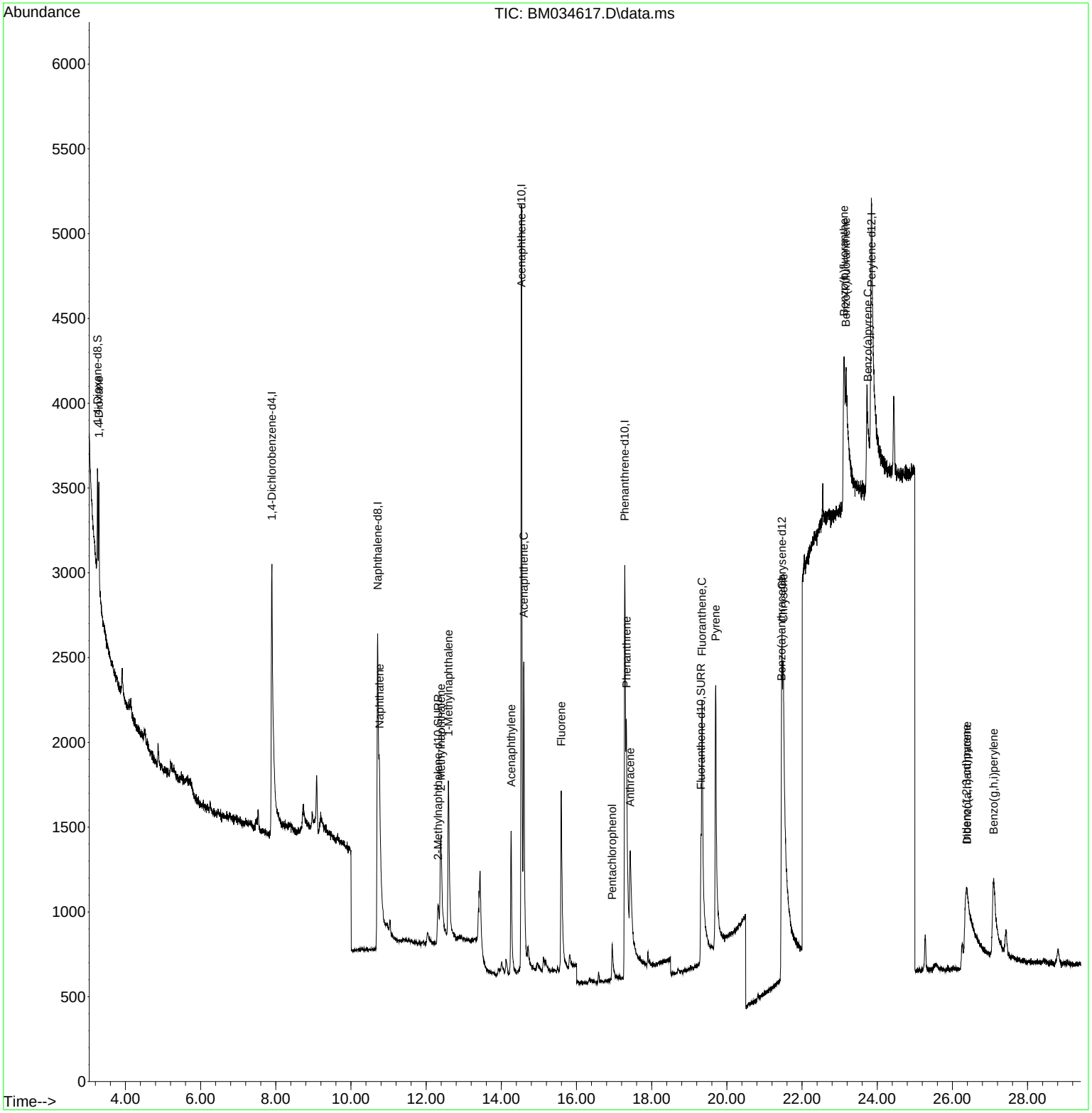
(#) = qualifier out of range (m) = manual integration (+) = signals summed

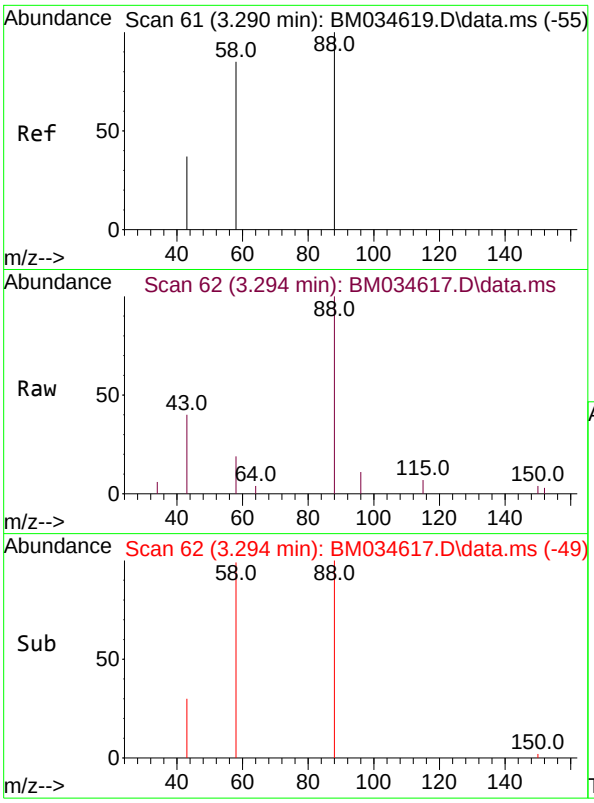
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
Data File : BM034617.D
Acq On : 12 Apr 2022 12:05
Operator : CG/JU
Sample : SSTD0.122
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

Quant Time: Apr 12 15:03:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM041222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 12 14:58:22 2022
Response via : Initial Calibration



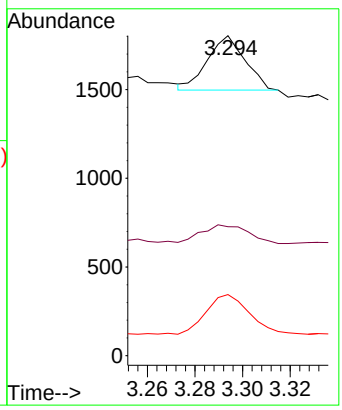


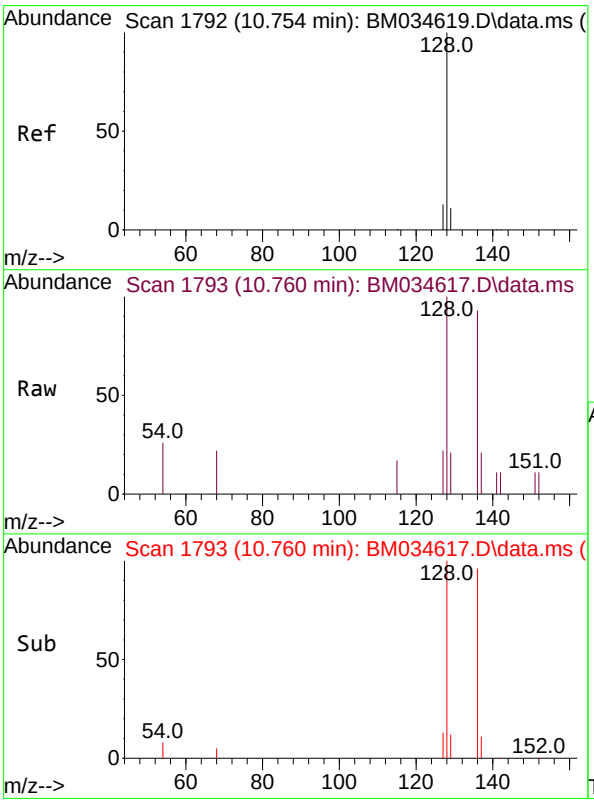
#2
1,4-Dioxane
Concen: 0.105 ng/ul
RT: 3.294 min Scan# 6
Delta R.T. 0.004 min
Lab File: BM034617.D
Acq: 12 Apr 2022 12:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

Tgt Ion: 88 Resp: 336

Ion	Ratio	Lower	Upper
88	100		
43	40.3	49.7	74.5#
58	19.1	52.5	78.7#

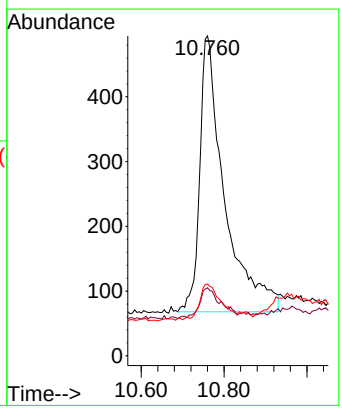


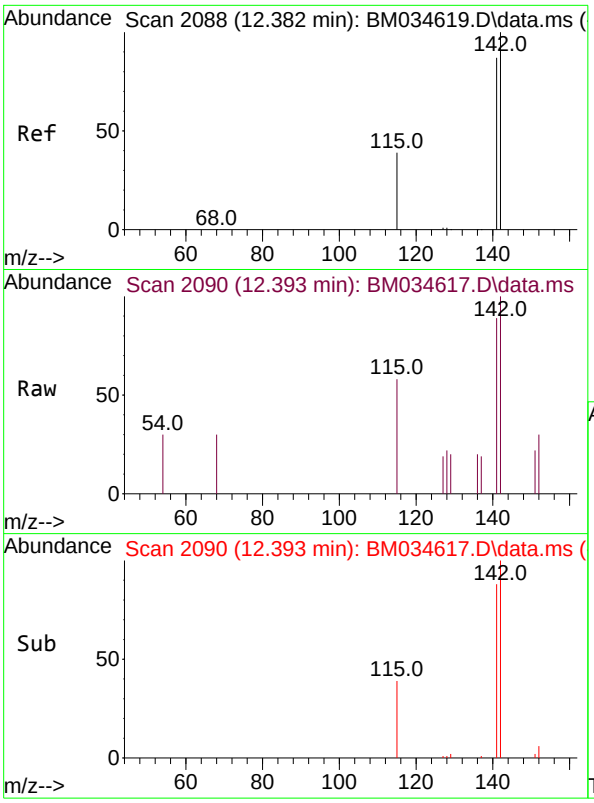


#5
Naphthalene
Concen: 0.099 ng/ul
RT: 10.760 min Scan# 1793
Delta R.T. 0.006 min
Lab File: BM034617.D
Acq: 12 Apr 2022 12:05

Tgt Ion:128 Resp: 1767

Ion	Ratio	Lower	Upper
128	100		
129	21.3	13.4	20.2#
127	22.5	15.2	22.8



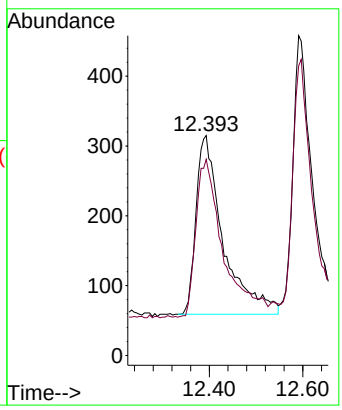


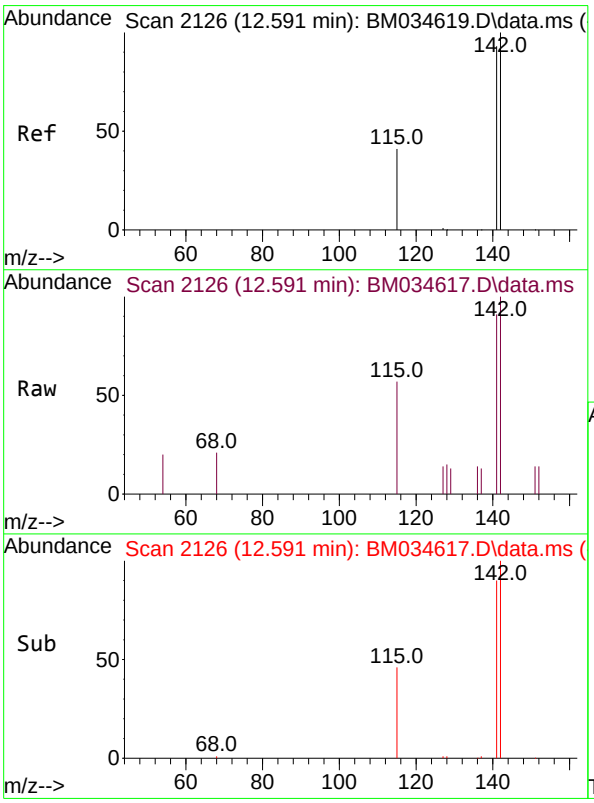
#7
2-Methylnaphthalene
Concen: 0.106 ng/ul
RT: 12.393 min Scan# 2
Delta R.T. 0.011 min
Lab File: BM034617.D
Acq: 12 Apr 2022 12:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

Tgt Ion:142 Resp: 1033

Ion	Ratio	Lower	Upper
142	100		
141	92.1	71.8	107.6

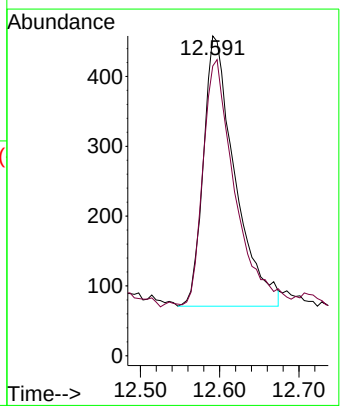


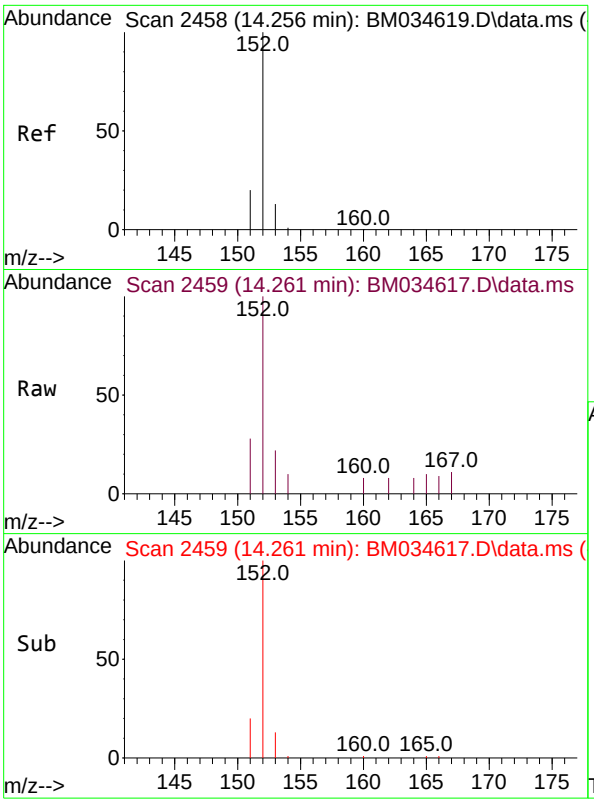


#8
1-Methylnaphthalene
Concen: 0.109 ng/ul
RT: 12.591 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM034617.D
Acq: 12 Apr 2022 12:05

Tgt Ion:142 Resp: 1064

Ion	Ratio	Lower	Upper
142	100		
141	89.3	75.0	112.4



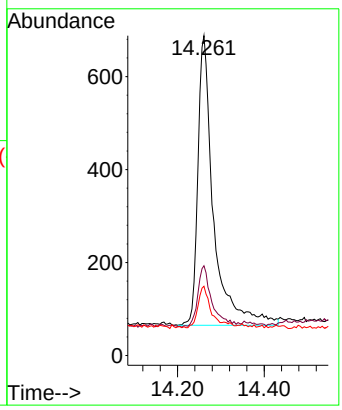


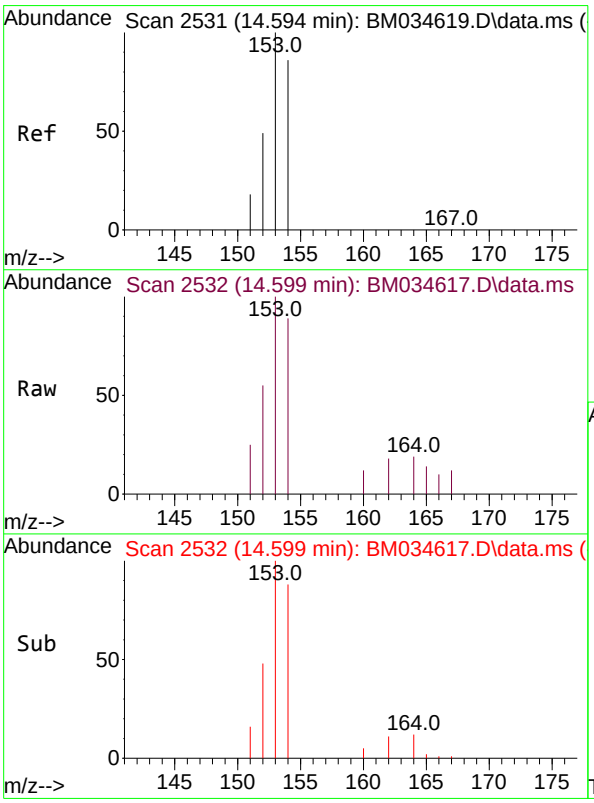
#10
Acenaphthylene
Concen: 0.106 ng/ul
RT: 14.261 min Scan# 24
Delta R.T. 0.005 min
Lab File: BM034617.D
Acq: 12 Apr 2022 12:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

Tgt Ion:152 Resp: 1567

Ion	Ratio	Lower	Upper
152	100		
151	28.1	19.9	29.9
153	21.7	15.0	22.4

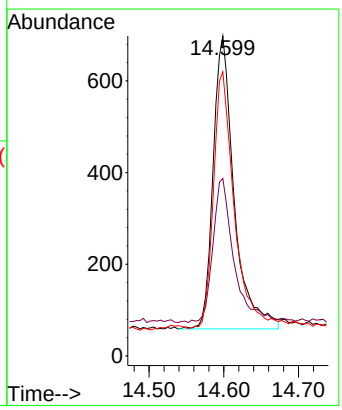


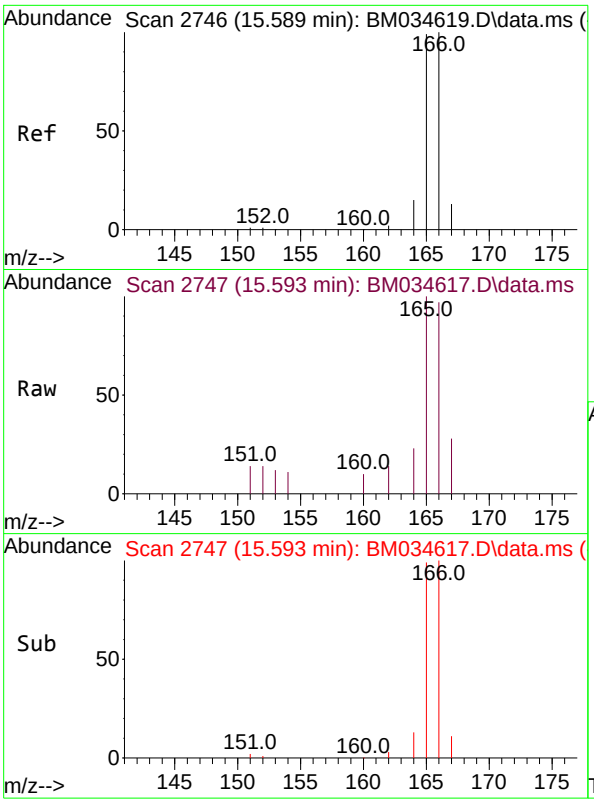


#11
Acenaphthene
Concen: 0.105 ng/ul
RT: 14.599 min Scan# 2532
Delta R.T. 0.005 min
Lab File: BM034617.D
Acq: 12 Apr 2022 12:05

Tgt Ion:153 Resp: 1248

Ion	Ratio	Lower	Upper
153	100		
152	55.4	42.4	63.6
154	88.8	66.2	99.2



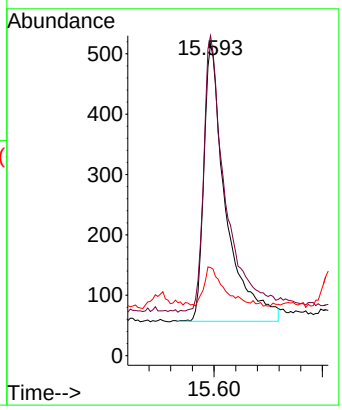


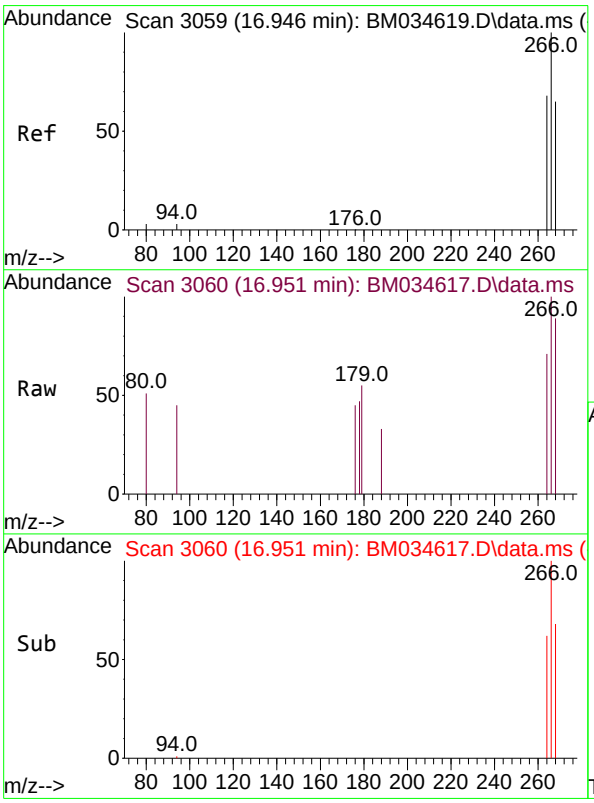
#12
Fluorene
Concen: 0.105 ng/ul
RT: 15.593 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM034617.D
Acq: 12 Apr 2022 12:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

Tgt Ion:166 Resp: 1290

Ion	Ratio	Lower	Upper
166	100		
165	102.7	81.1	121.7
167	28.3	14.9	22.3#

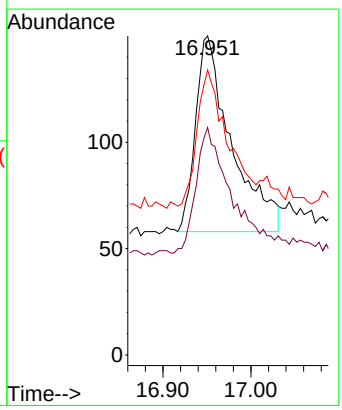


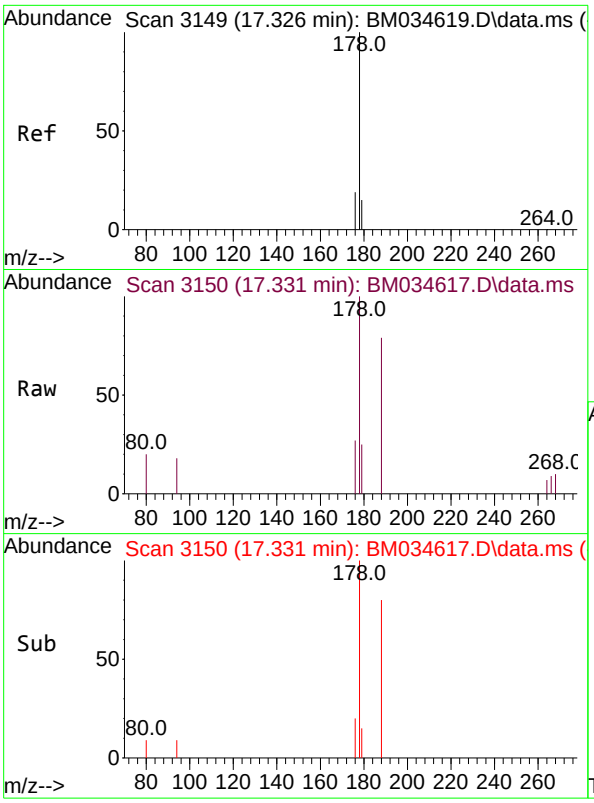


#14
Pentachlorophenol
Concen: 0.120 ng/ul
RT: 16.951 min Scan# 3060
Delta R.T. 0.004 min
Lab File: BM034617.D
Acq: 12 Apr 2022 12:05

Tgt Ion:266 Resp: 260

Ion	Ratio	Lower	Upper
266	100		
264	63.1	51.4	77.0
268	65.0	53.1	79.7



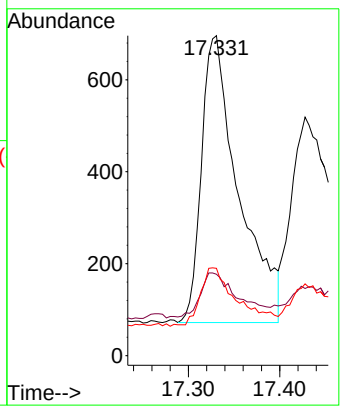


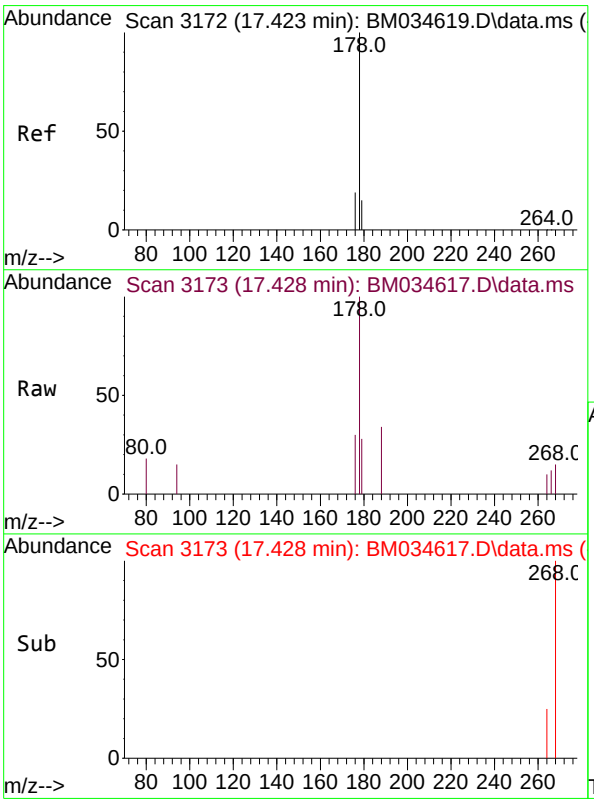
#15
Phenanthrene
Concen: 0.106 ng/ul
RT: 17.331 min Scan# 3
Delta R.T. 0.004 min
Lab File: BM034617.D
Acq: 12 Apr 2022 12:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

Tgt Ion:178 Resp: 1764

Ion	Ratio	Lower	Upper
178	100		
179	25.4	15.0	22.6#
176	27.3	17.9	26.9#

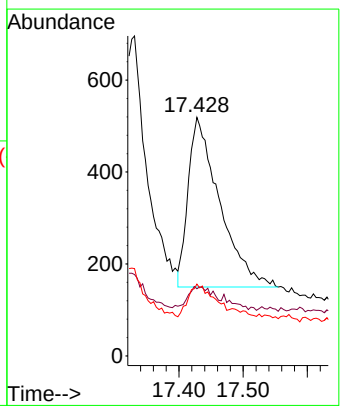


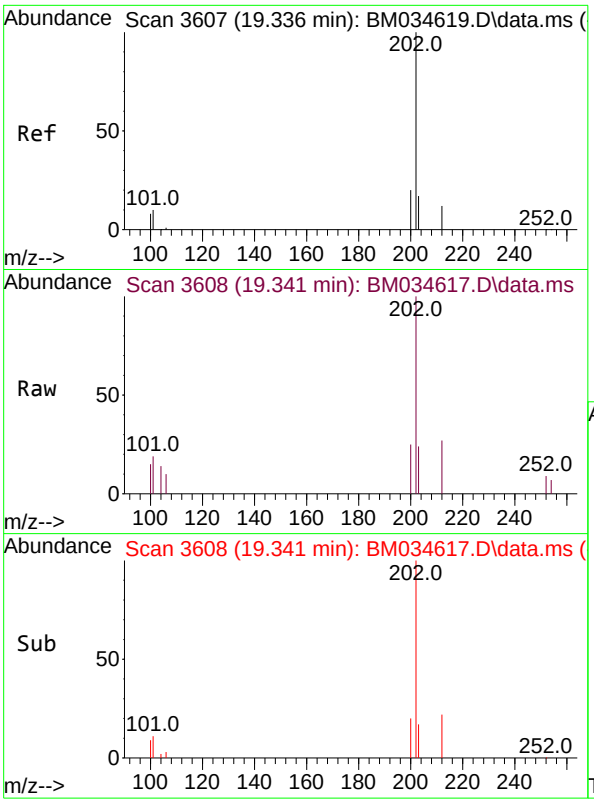


#16
Anthracene
Concen: 0.100 ng/ul
RT: 17.428 min Scan# 3173
Delta R.T. 0.004 min
Lab File: BM034617.D
Acq: 12 Apr 2022 12:05

Tgt Ion:178 Resp: 1256

Ion	Ratio	Lower	Upper
178	100		
179	28.1	16.5	24.7#
176	30.1	18.3	27.5#



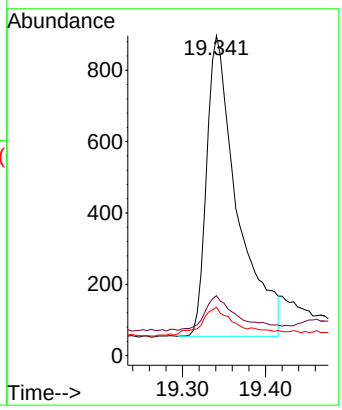


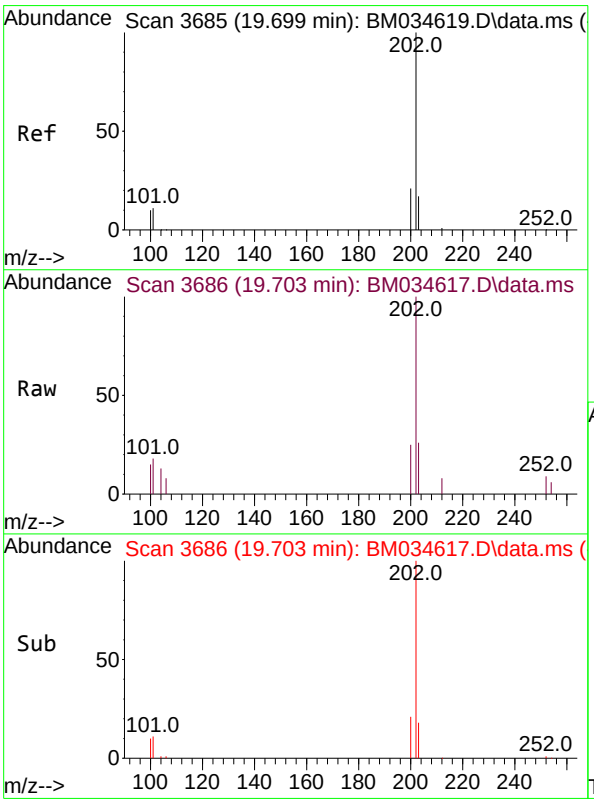
#19
Fluoranthene
Concen: 0.104 ng/ul
RT: 19.341 min Scan# 3
Delta R.T. 0.005 min
Lab File: BM034617.D
Acq: 12 Apr 2022 12:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

Tgt Ion:202 Resp: 2158

Ion	Ratio	Lower	Upper
202	100		
101	18.7	9.2	13.8#
100	15.2	7.2	10.8#

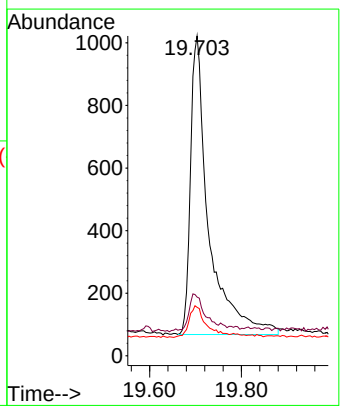


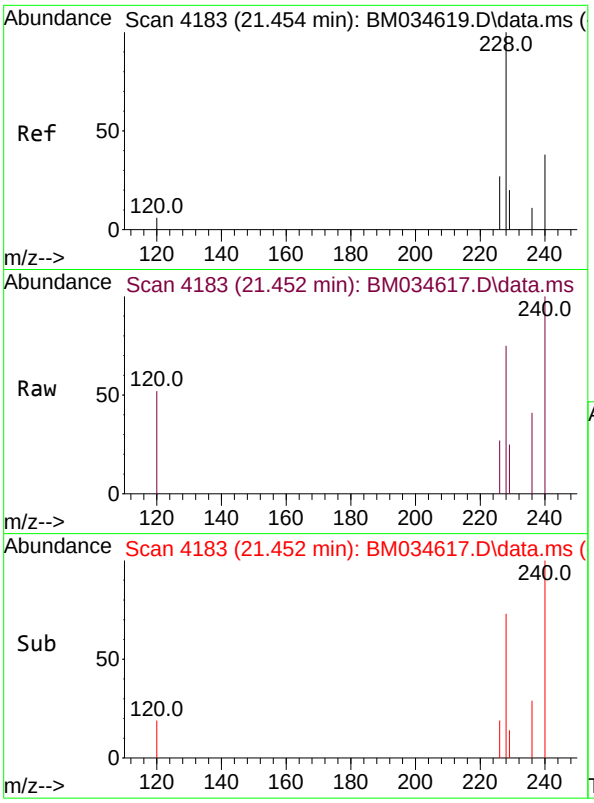


#20
Pyrene
Concen: 0.109 ng/ul
RT: 19.703 min Scan# 3686
Delta R.T. 0.005 min
Lab File: BM034617.D
Acq: 12 Apr 2022 12:05

Tgt Ion:202 Resp: 2631

Ion	Ratio	Lower	Upper
202	100		
101	18.4	9.3	13.9#
100	15.2	7.8	11.6#



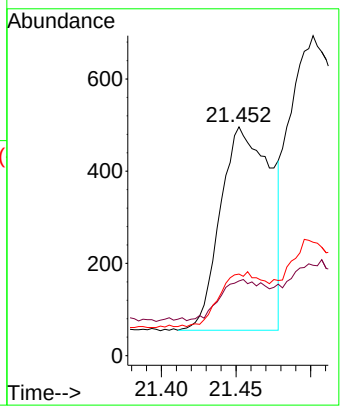


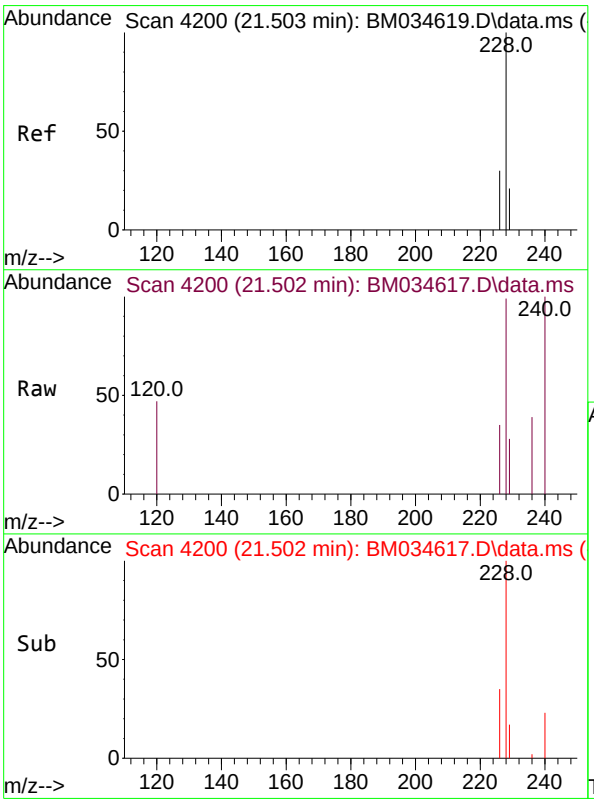
#21
Benzo(a)anthracene
Concen: 0.096 ng/ul
RT: 21.452 min Scan# 4
Delta R.T. -0.002 min
Lab File: BM034617.D
Acq: 12 Apr 2022 12:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

Tgt Ion:228 Resp: 1030

Ion	Ratio	Lower	Upper
228	100		
229	32.7	17.3	25.9#
226	35.7	23.2	34.8#

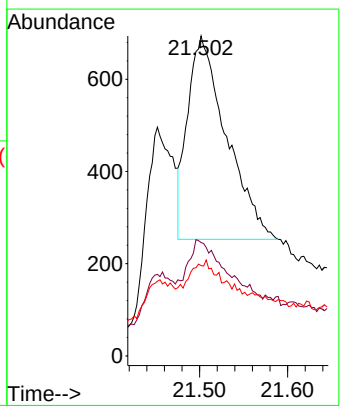


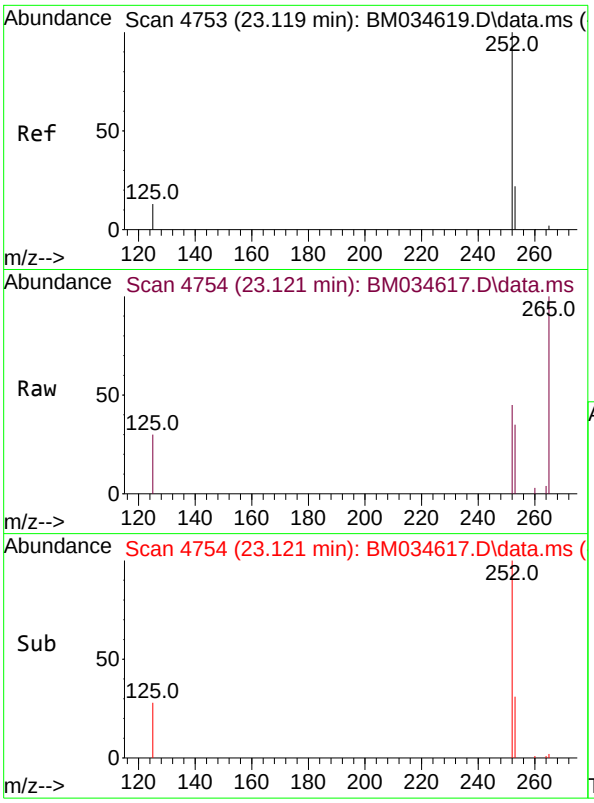


#22
Chrysene
Concen: 0.107 ng/ul
RT: 21.502 min Scan# 4200
Delta R.T. -0.002 min
Lab File: BM034617.D
Acq: 12 Apr 2022 12:05

Tgt Ion:228 Resp: 1352

Ion	Ratio	Lower	Upper
228	100		
226	35.4	25.8	38.8
229	28.2	16.7	25.1#



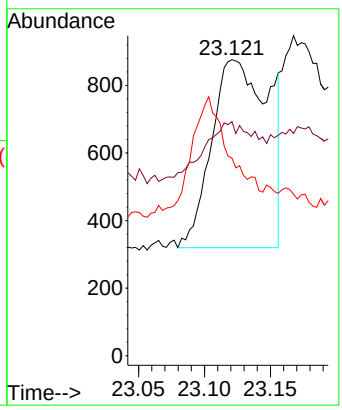


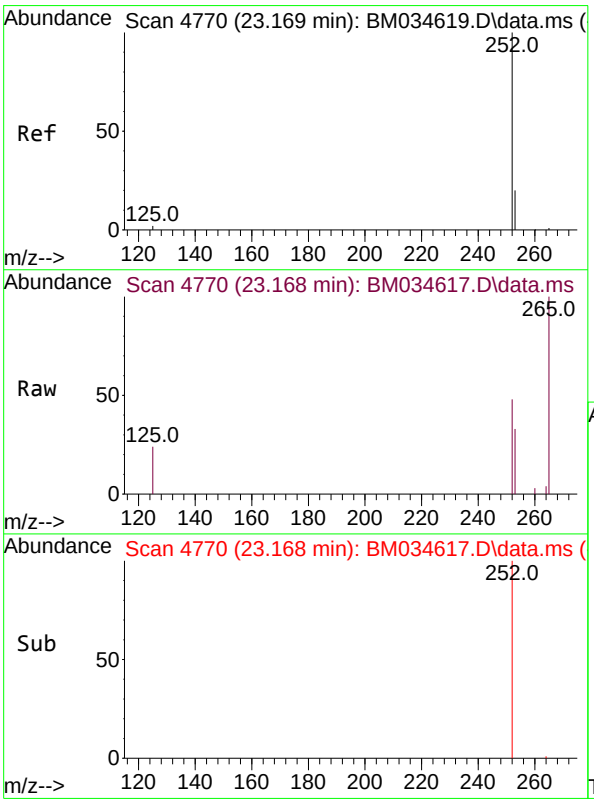
#24
Benzo(b)fluoranthene
Concen: 0.132 ng/ul
RT: 23.121 min Scan# 4
Delta R.T. 0.002 min
Lab File: BM034617.D
Acq: 12 Apr 2022 12:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

Tgt Ion:252 Resp: 1676

Ion	Ratio	Lower	Upper
252	100		
253	79.1	0.0	64.2#
125	66.8	0.0	28.8#

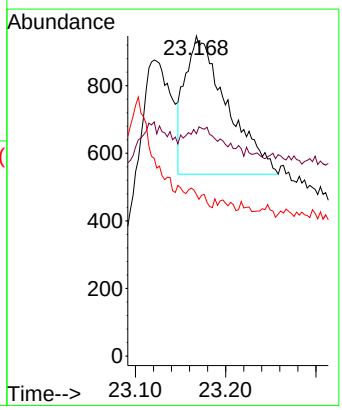


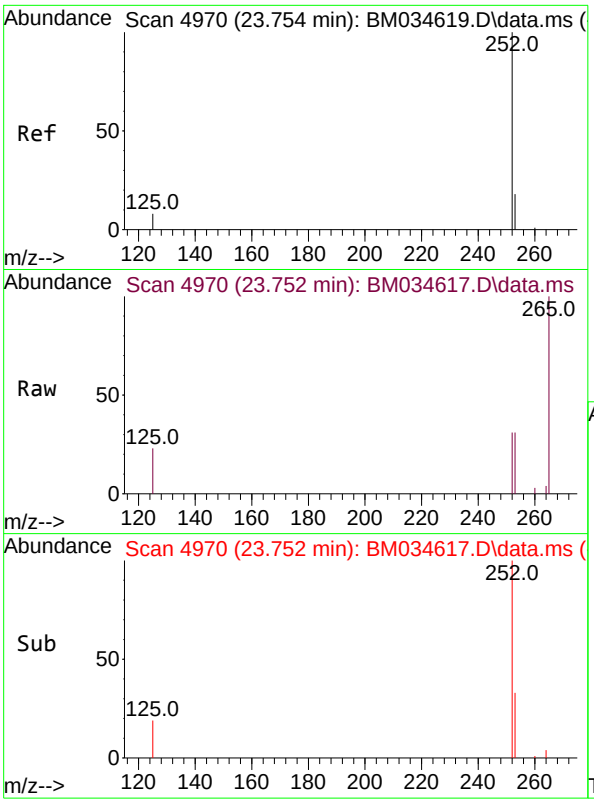


#25
Benzo(k)fluoranthene
Concen: 0.117 ng/ul
RT: 23.168 min Scan# 4770
Delta R.T. -0.001 min
Lab File: BM034617.D
Acq: 12 Apr 2022 12:05

Tgt Ion:252 Resp: 1326

Ion	Ratio	Lower	Upper
252	100		
253	69.5	26.8	40.2#
125	50.5	12.0	18.0#



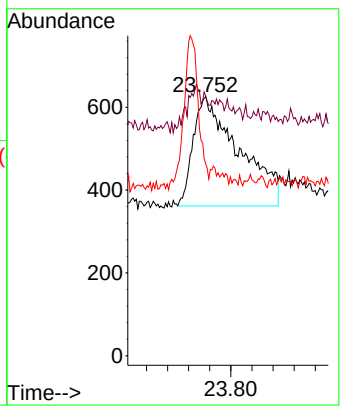


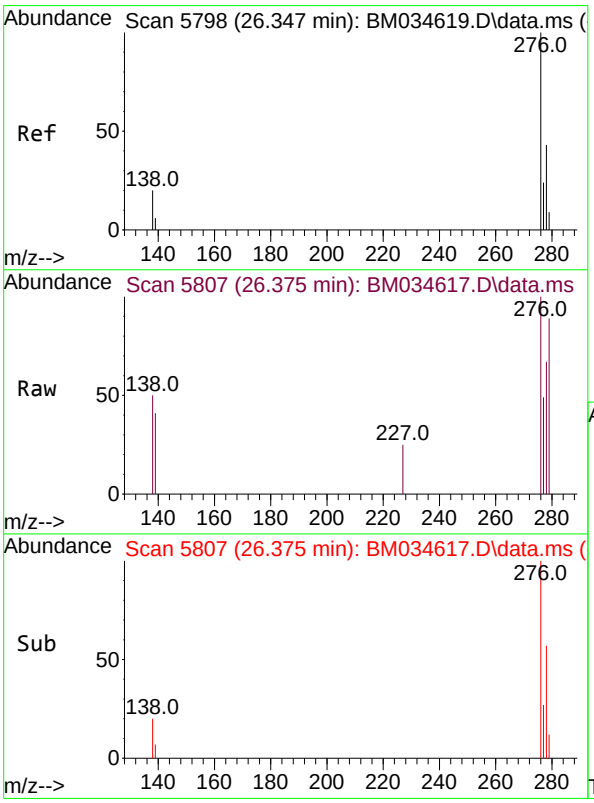
#26
Benzo(a)pyrene
Concen: 0.107 ng/ul
RT: 23.752 min Scan# 4
Delta R.T. -0.002 min
Lab File: BM034617.D
Acq: 12 Apr 2022 12:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

Tgt Ion:252 Resp: 1590

Ion	Ratio	Lower	Upper
252	100		
253	100.2	32.0	48.0#
125	74.0	14.5	21.7#

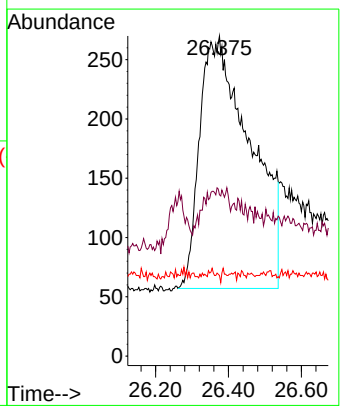


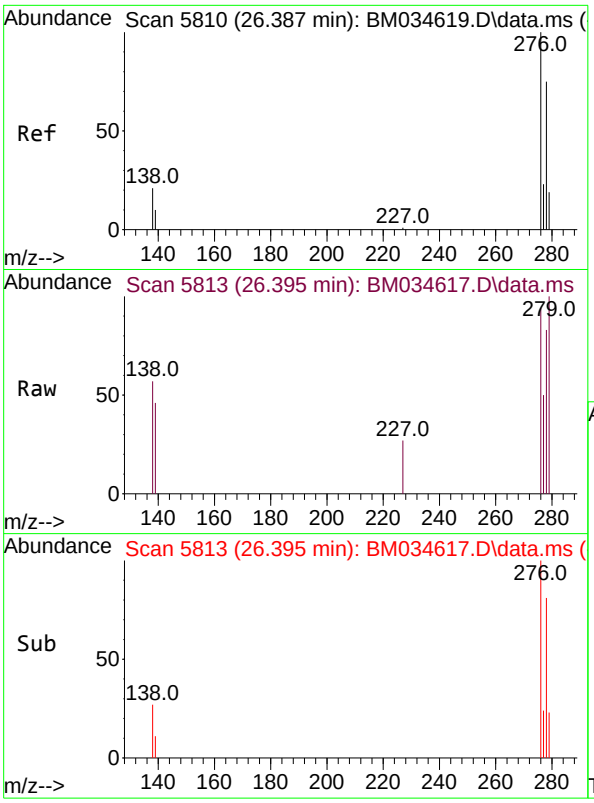


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.115 ng/ul
RT: 26.375 min Scan# 5807
Delta R.T. 0.029 min
Lab File: BM034617.D
Acq: 12 Apr 2022 12:05

Tgt Ion:276 Resp: 2055

Ion	Ratio	Lower	Upper
276	100		
138	9.9	15.8	23.6#
227	0.4	0.0	0.0#



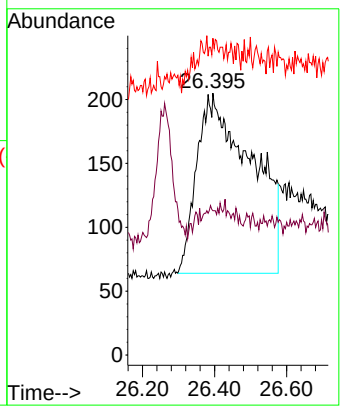


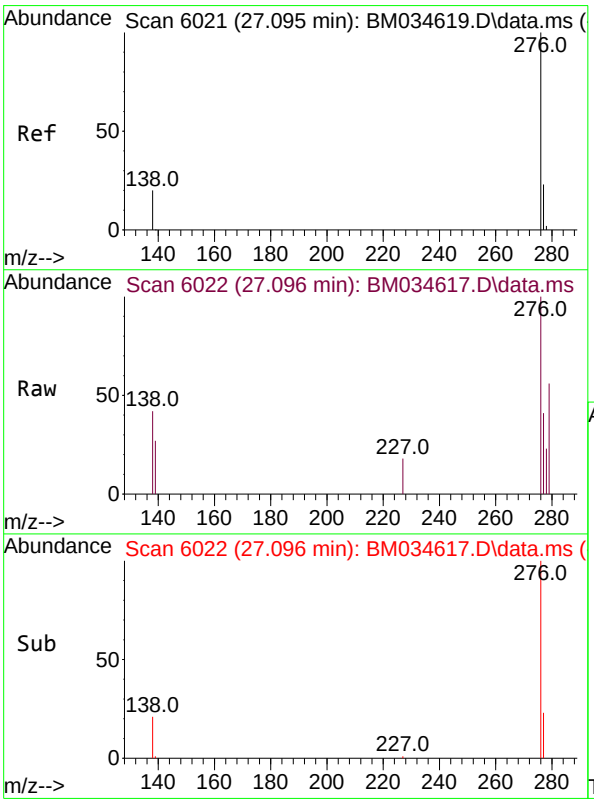
#28
Dibenzo(a,h)anthracene
Concen: 0.113 ng/ul
RT: 26.395 min Scan# 5
Delta R.T. 0.008 min
Lab File: BM034617.D
Acq: 12 Apr 2022 12:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

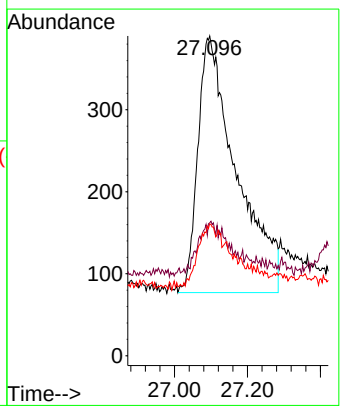
Tgt Ion:278 Resp: 1475

Ion	Ratio	Lower	Upper
278	100		
139	55.1	18.0	27.0#
279	121.0	28.6	42.8#





#29
Benzo(g,h,i)perylene
Concen: 0.118 ng/ul
RT: 27.096 min Scan# 6022
Delta R.T. 0.002 min
Lab File: BM034617.D
Acq: 12 Apr 2022 12:05

Tgt Ion:276 Resp: 2297

Ion	Ratio	Lower	Upper
276	100		
138	41.5	17.4	26.0#
277	41.3	22.6	33.8#