Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BN051222\
Data File : BM035023.D
Acq On : 12 May 2022 17:38
Operator : CG/JU
Sample : SSTD3.241
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Quant Time: May 12 18:10:09 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 17:18:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	3945	0.400	ng/ul		0.00
4) Naphthalene-d8	10.721	136	11786	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.553	164	7317	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.297	188	15461	0.400	ng/ul	#	0.00
17) Chrysene-d12	21.476	240	13059	0.400	ng/ul		0.00
23) Perylene-d12	23.861	264	11631	0.400	ng/ul	#	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.356	96	14601	3.346	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.310	152	61086	3.687	ng/ul		0.00
18) Fluoranthene-d10	19.323	212	137955	3.349	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.394	88	15418	3.712	ng/ul	#	81
5) Naphthalene	10.770	128	105847	3.141	ng/ul	#	87
7) 2-Methylnaphthalene	12.382	142	72215	3.227	ng/ul		100
8) 1-Methylnaphthalene	12.602	142	76323	3.469	ng/ul		100
10) Acenaphthylene	14.271	152	123930	3.875	ng/ul	#	89
11) Acenaphthene	14.618	153	86181	3.185	ng/ul		94
12) Fluorene	15.598	166	102956	3.378	ng/ul	#	97
14) Pentachlorophenol	16.947	266	18402	4.012	ng/ul		98
15) Phenanthrene	17.335	178	164609	3.220	ng/ul		93
16) Anthracene	17.428	178	159281	3.498	ng/ul	#	90
19) Fluoranthene	19.350	202	193248	3.082	ng/ul		98
20) Pyrene	19.713	202	192809	3.062	ng/ul		99
21) Benzo(a)anthracene	21.458	228	167603	3.299	ng/ul		98
22) Chrysene	21.511	228	168278	3.107	ng/ul		98
24) Benzo(b)fluoranthene	23.136	252	166095	3.128	ng/ul		85
25) Benzo(k)fluoranthene	23.182	252	162917	3.070	ng/ul	#	83
26) Benzo(a)pyrene	23.756	252	155670	3.592	ng/ul	#	76
27) Indeno(1,2,3-cd)pyrene	26.335	276	158868	2.611	ng/ul	#	81
28) Dibenzo(a,h)anthracene	26.352	278	128613	2.598	ng/ul	#	84
29) Benzo(g,h,i)perylene	27.087	276	133810	2.548	ng/ul		93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BN051222\
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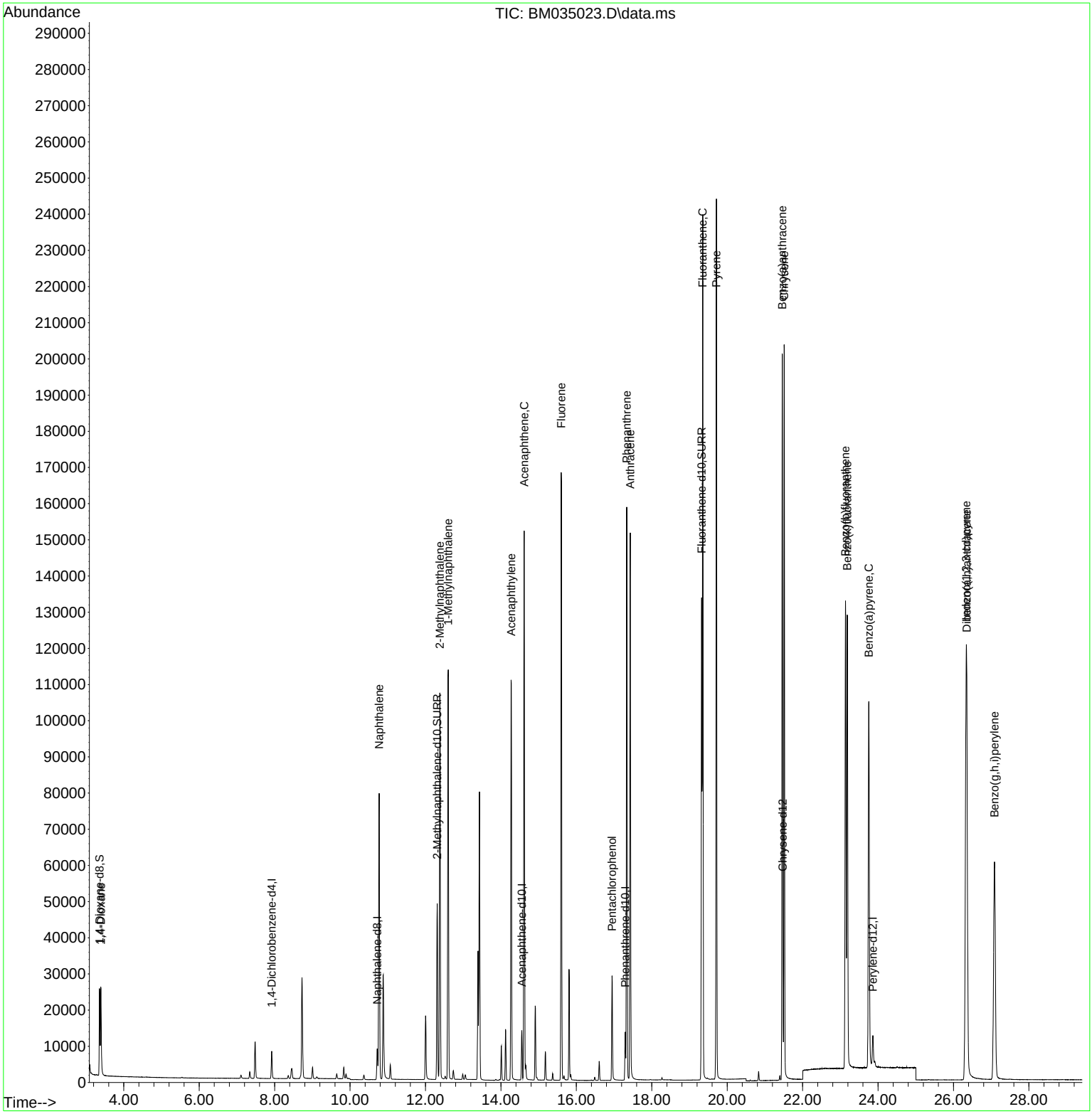
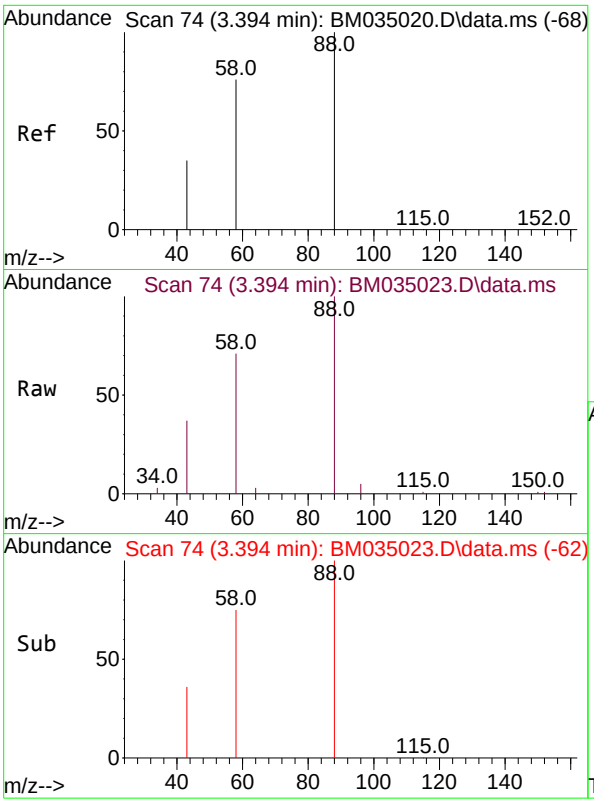


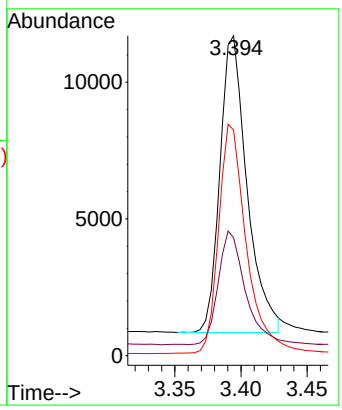


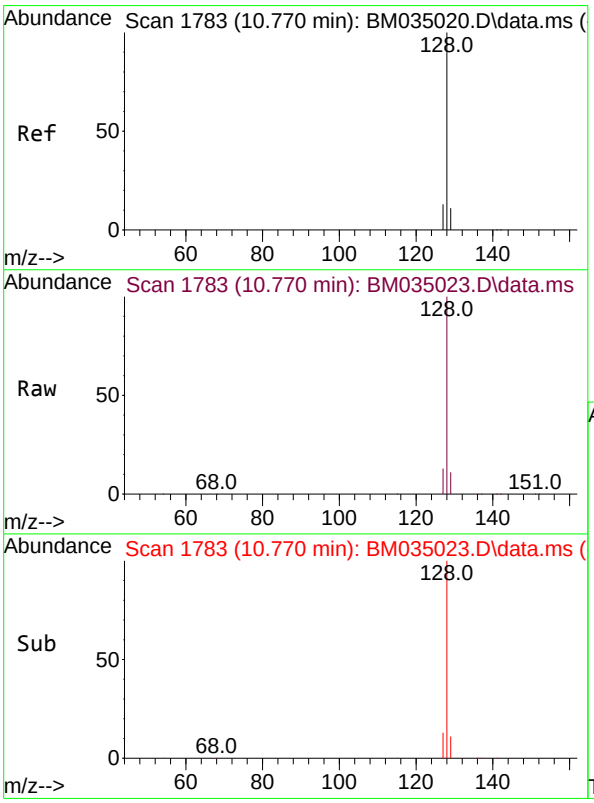
#2
1,4-Dioxane
Concen: 3.712 ng/ul
RT: 3.394 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM035023.D
Acq: 12 May 2022 17:38

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Tgt Ion: 88 Resp: 15418

Ion	Ratio	Lower	Upper
88	100		
43	36.9	49.7	74.5#
58	70.5	52.5	78.7

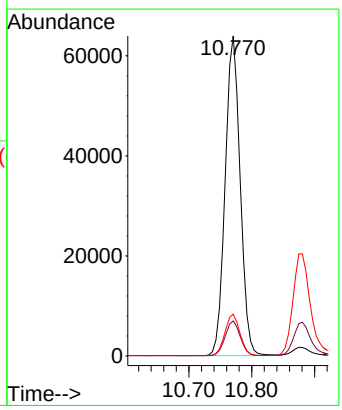


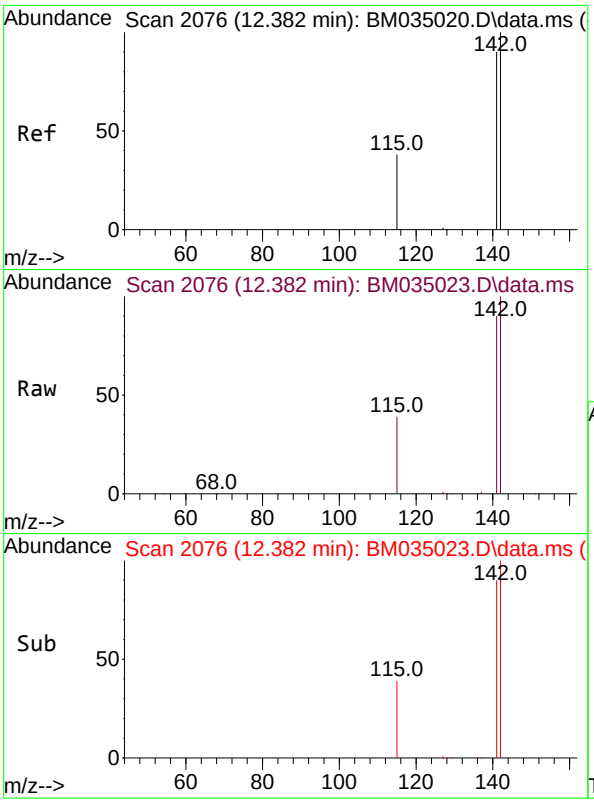


#5
Naphthalene
Concen: 3.141 ng/ul
RT: 10.770 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BM035023.D
Acq: 12 May 2022 17:38

Tgt Ion:128 Resp: 105847

Ion	Ratio	Lower	Upper
128	100		
129	10.9	13.4	20.2#
127	13.0	15.2	22.8#





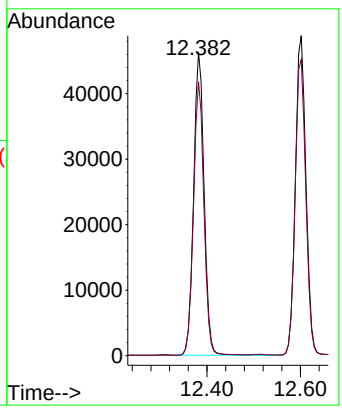
#7
2-Methylnaphthalene
Concen: 3.227 ng/ul
RT: 12.382 min Scan# 2

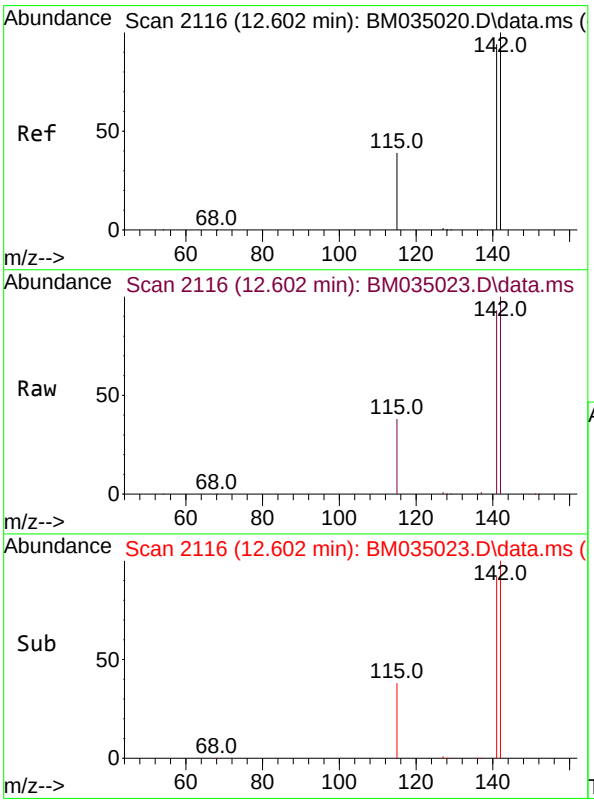
Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Delta R.T. 0.000 min
Lab File: BM035023.D
Acq: 12 May 2022 17:38

Tgt Ion:142 Resp: 72215

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.8	107.6

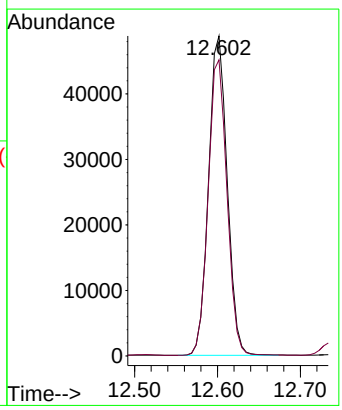


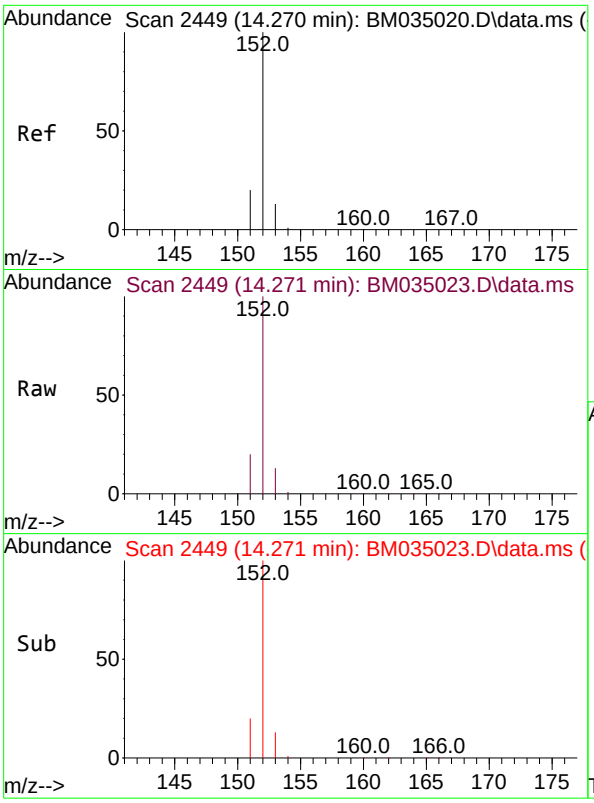


#8
1-Methylnaphthalene
Concen: 3.469 ng/ul
RT: 12.602 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM035023.D
Acq: 12 May 2022 17:38

Tgt Ion:142 Resp: 76323

Ion	Ratio	Lower	Upper
142	100		
141	93.3	75.0	112.4



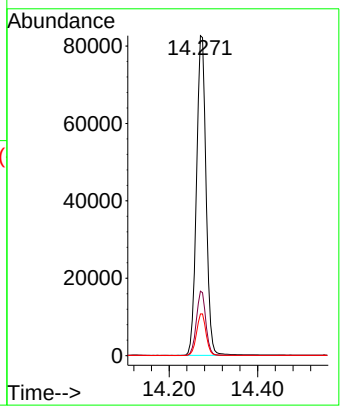


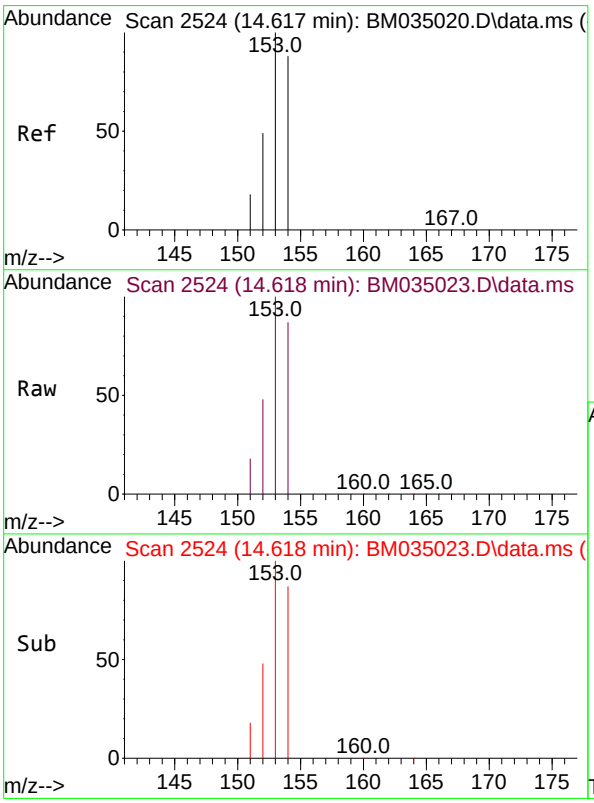
#10
Acenaphthylene
Concen: 3.875 ng/ul
RT: 14.271 min Scan# 24
Delta R.T. 0.001 min
Lab File: BM035023.D
Acq: 12 May 2022 17:38

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Tgt Ion:152 Resp: 123930

Ion	Ratio	Lower	Upper
152	100		
151	20.2	19.9	29.9
153	13.1	15.0	22.4#

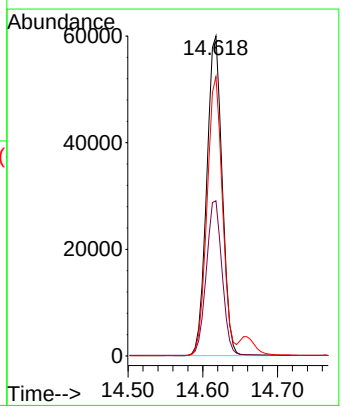


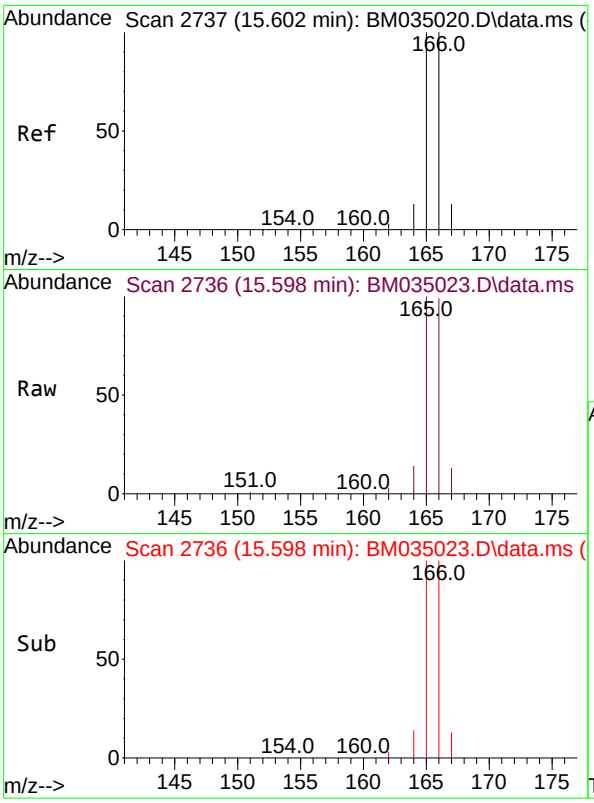


#11
Acenaphthene
Concen: 3.185 ng/ul
RT: 14.618 min Scan# 2524
Delta R.T. 0.001 min
Lab File: BM035023.D
Acq: 12 May 2022 17:38

Tgt Ion:153 Resp: 86181

Ion	Ratio	Lower	Upper
153	100		
152	48.5	42.4	63.6
154	87.3	66.2	99.2



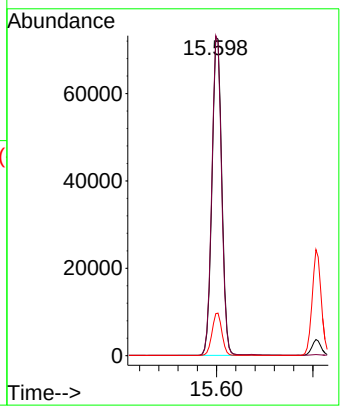


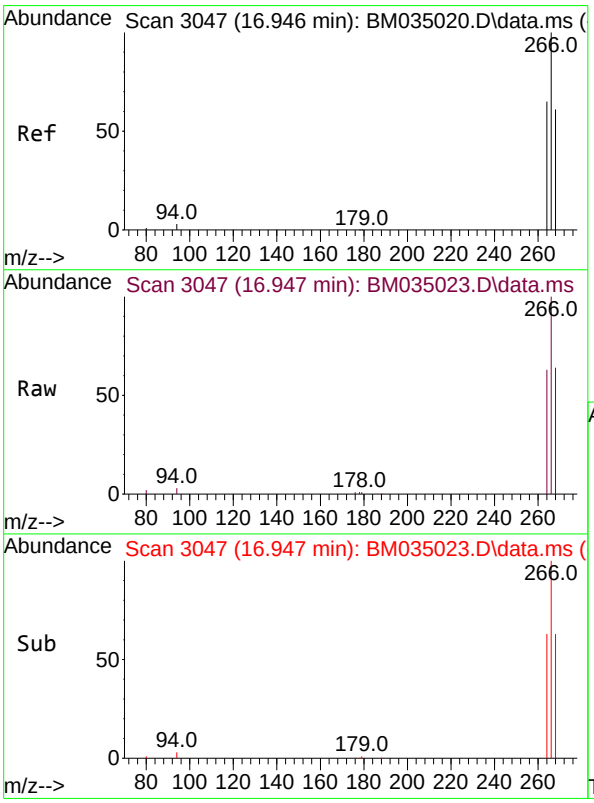
#12
Fluorene
Concen: 3.378 ng/ul
RT: 15.598 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM035023.D
Acq: 12 May 2022 17:38

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Tgt Ion:166 Resp: 102956

Ion	Ratio	Lower	Upper
166	100		
165	100.5	81.1	121.7
167	13.2	14.9	22.3#

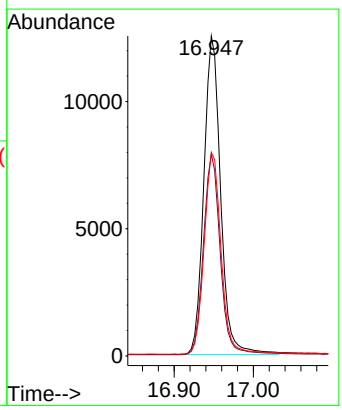


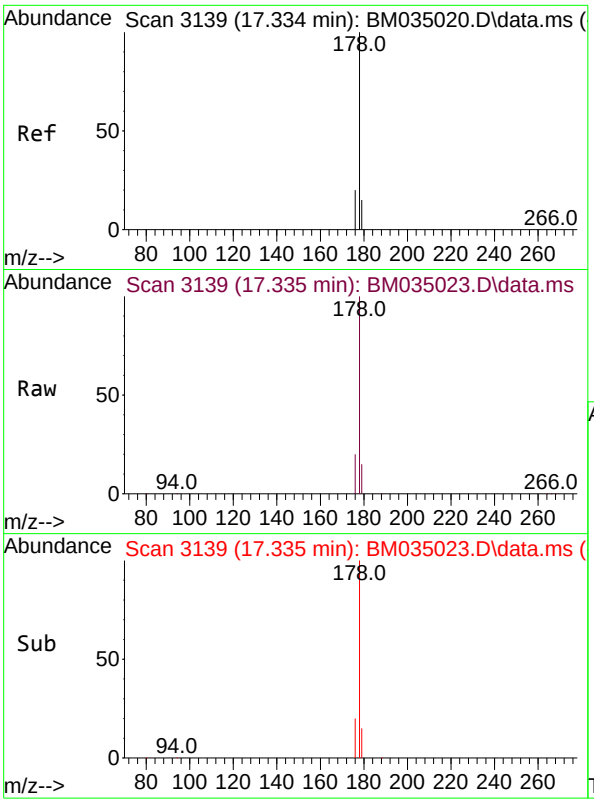


#14
Pentachlorophenol
Concen: 4.012 ng/ul
RT: 16.947 min Scan# 3047
Delta R.T. 0.001 min
Lab File: BM035023.D
Acq: 12 May 2022 17:38

Tgt Ion:266 Resp: 18402

Ion	Ratio	Lower	Upper
266	100		
264	63.0	51.4	77.0
268	63.7	53.1	79.7



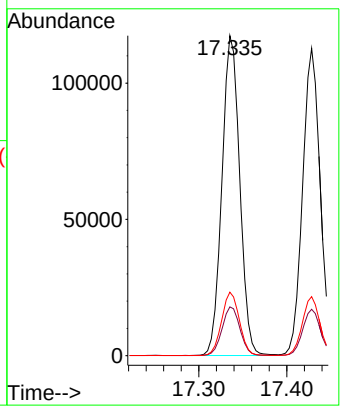


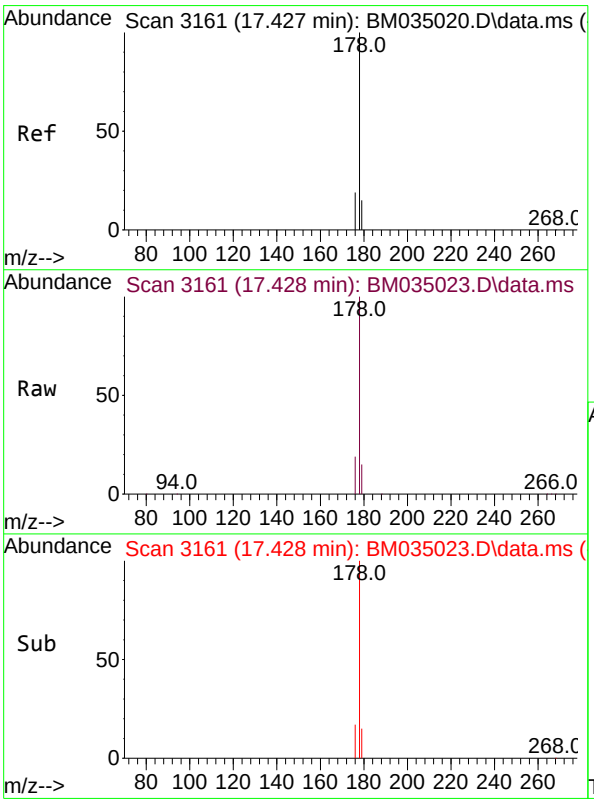
#15
Phenanthrene
Concen: 3.220 ng/ul
RT: 17.335 min Scan# 3
Delta R.T. 0.001 min
Lab File: BM035023.D
Acq: 12 May 2022 17:38

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Tgt Ion:178 Resp: 164609

Ion	Ratio	Lower	Upper
178	100		
179	15.2	15.0	22.6
176	19.8	17.9	26.9

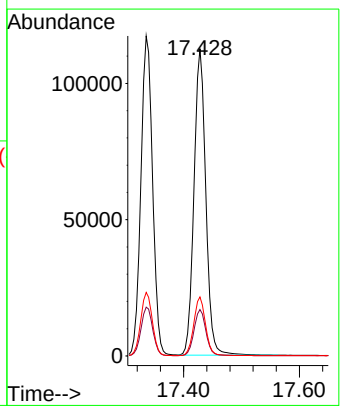


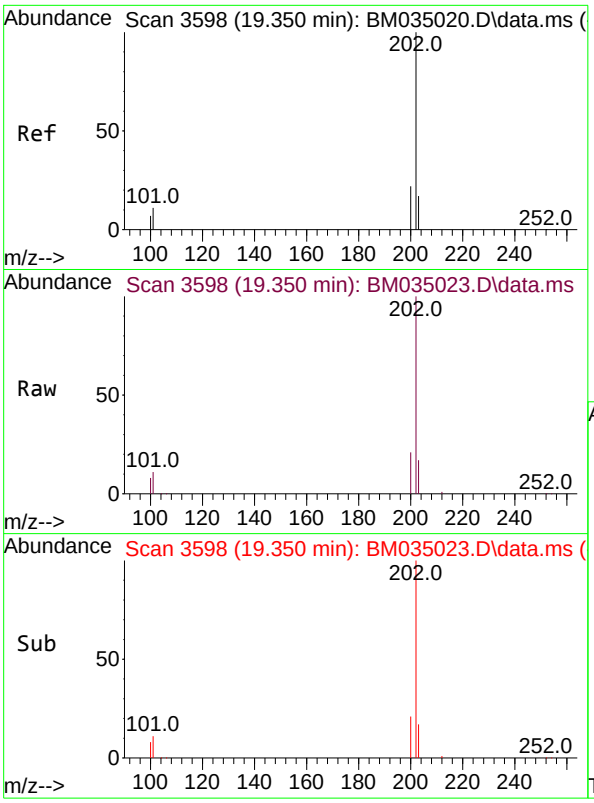


#16
Anthracene
Concen: 3.498 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. 0.001 min
Lab File: BM035023.D
Acq: 12 May 2022 17:38

Tgt Ion:178 Resp: 159281

Ion	Ratio	Lower	Upper
178	100		
179	15.1	16.5	24.7#
176	19.2	18.3	27.5



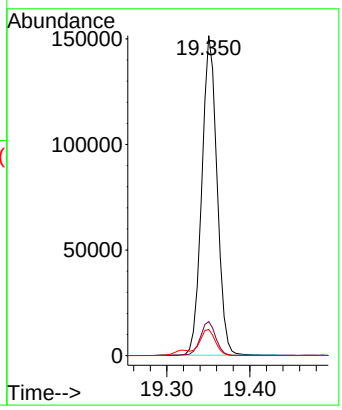


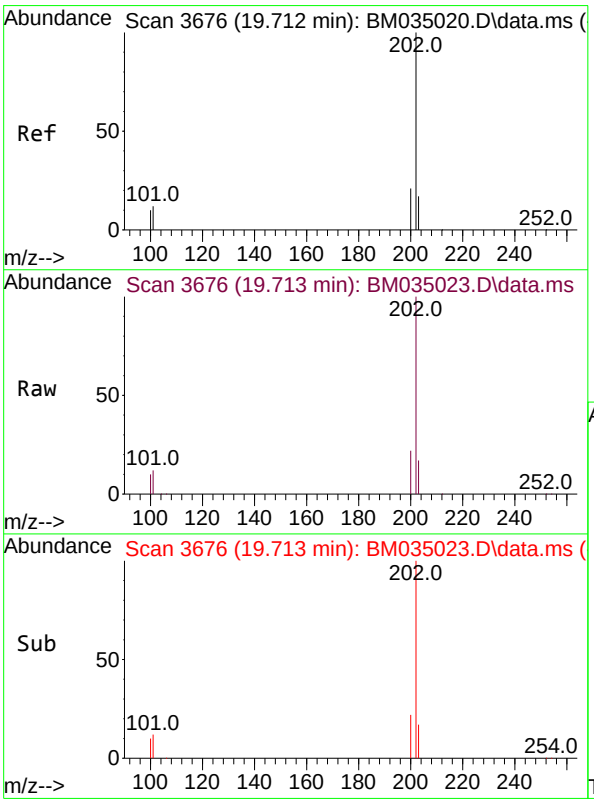
#19
Fluoranthene
Concen: 3.082 ng/ul
RT: 19.350 min Scan# 3
Delta R.T. 0.001 min
Lab File: BM035023.D
Acq: 12 May 2022 17:38

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Tgt Ion:202 Resp: 193248

Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.2	13.8
100	8.2	7.2	10.8

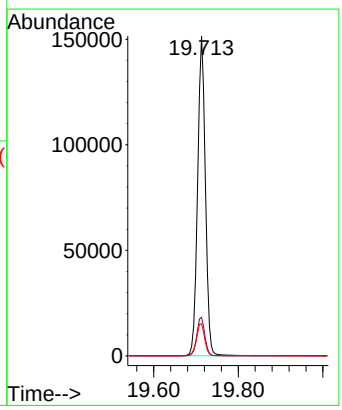


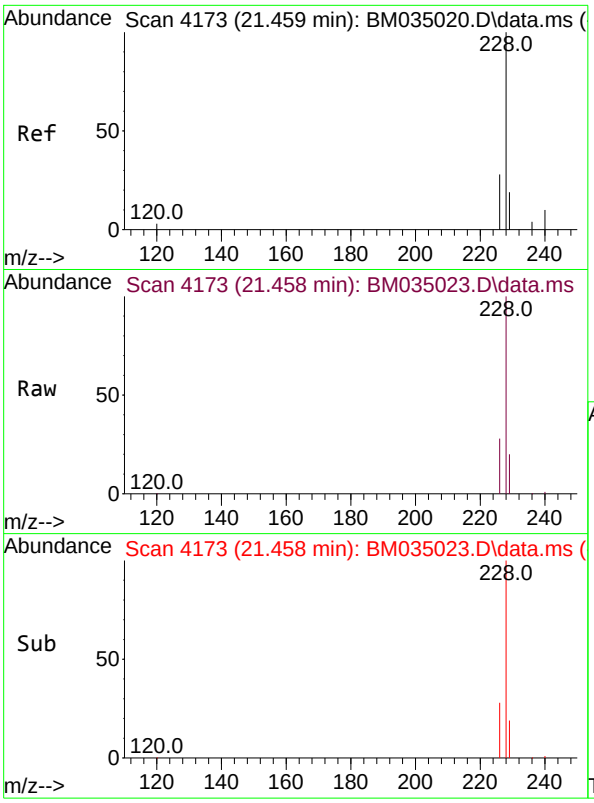


#20
Pyrene
Concen: 3.062 ng/ul
RT: 19.713 min Scan# 3676
Delta R.T. 0.001 min
Lab File: BM035023.D
Acq: 12 May 2022 17:38

Tgt Ion:202 Resp: 192809

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.3	13.9
100	10.0	7.8	11.6



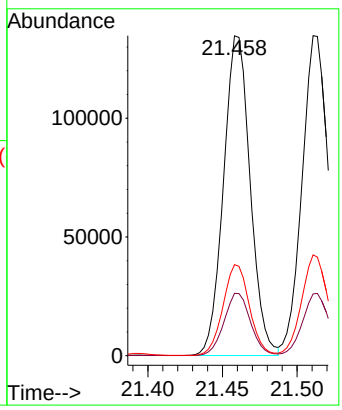


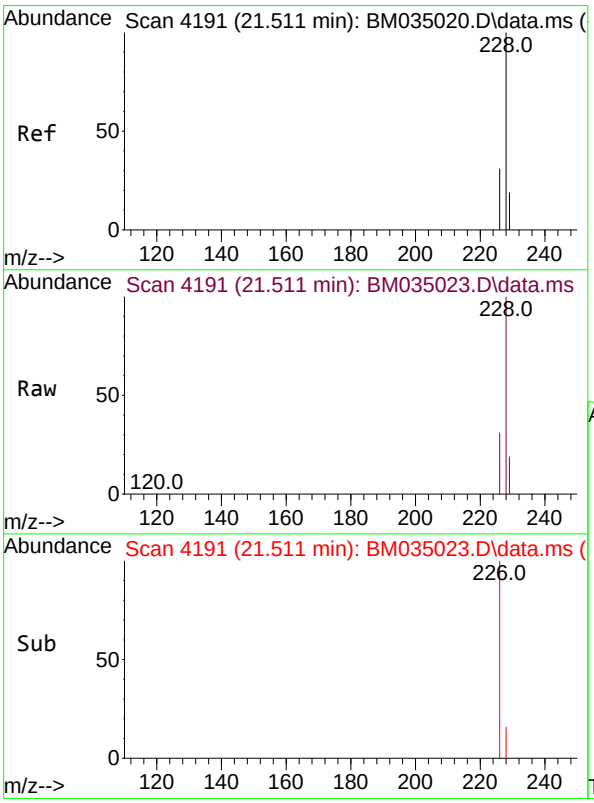
#21
Benzo(a)anthracene
Concen: 3.299 ng/ul
RT: 21.458 min Scan# 4
Delta R.T. -0.001 min
Lab File: BM035023.D
Acq: 12 May 2022 17:38

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Tgt Ion:228 Resp: 167603

Ion	Ratio	Lower	Upper
228	100		
229	19.5	17.3	25.9
226	28.5	23.2	34.8

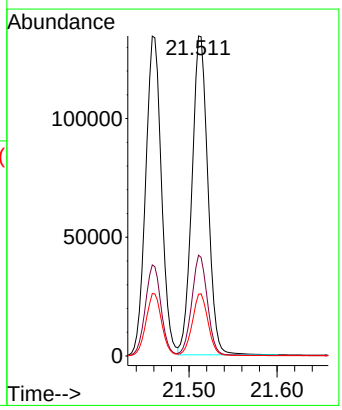


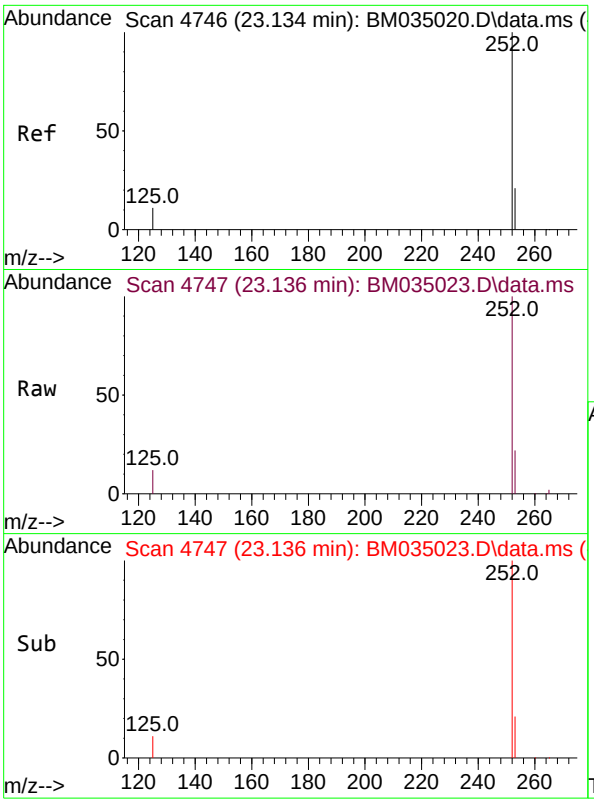


#22
Chrysene
Concen: 3.107 ng/ul
RT: 21.511 min Scan# 4191
Delta R.T. -0.001 min
Lab File: BM035023.D
Acq: 12 May 2022 17:38

Tgt Ion:228 Resp: 168278

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.8	38.8
229	19.3	16.7	25.1



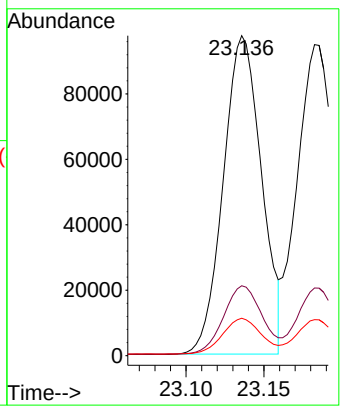


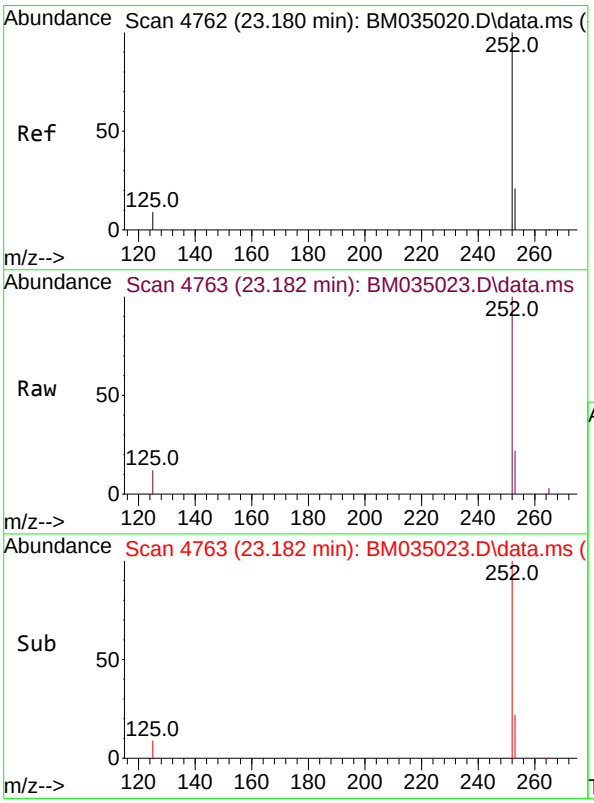
#24
Benzo(b)fluoranthene
Concen: 3.128 ng/ul
RT: 23.136 min Scan# 4
Delta R.T. 0.002 min
Lab File: BM035023.D
Acq: 12 May 2022 17:38

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Tgt Ion:252 Resp: 166095

Ion	Ratio	Lower	Upper
252	100		
253	21.9	0.0	64.2
125	11.7	0.0	28.8

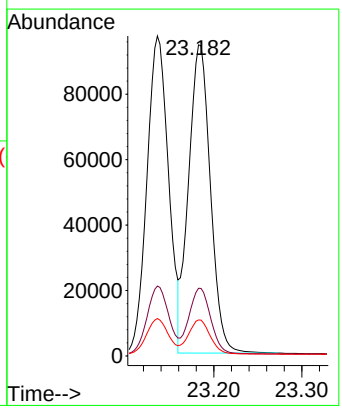


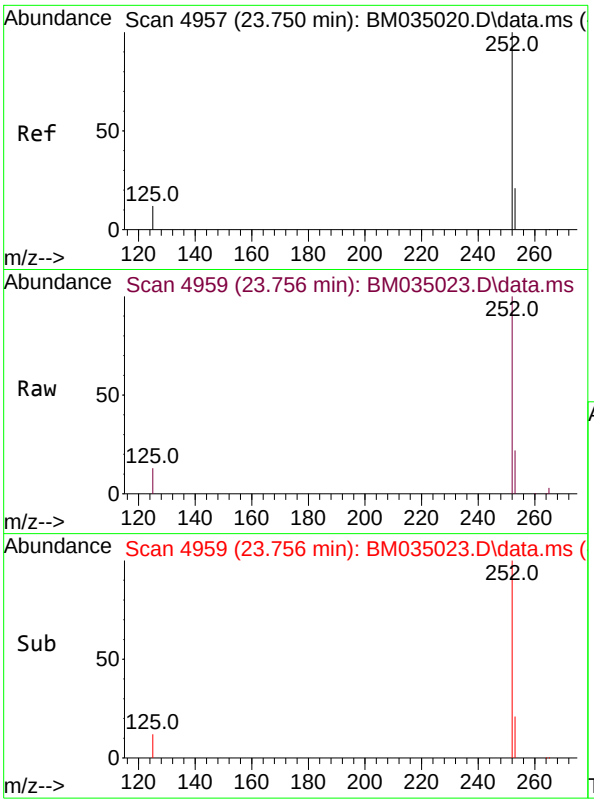


#25
Benzo(k)fluoranthene
Concen: 3.070 ng/ul
RT: 23.182 min Scan# 4763
Delta R.T. 0.002 min
Lab File: BM035023.D
Acq: 12 May 2022 17:38

Tgt Ion:252 Resp: 162917

Ion	Ratio	Lower	Upper
252	100		
253	21.7	26.8	40.2#
125	11.6	12.0	18.0#



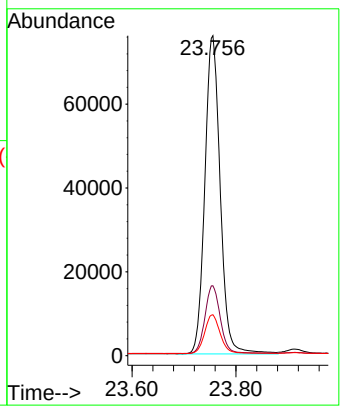


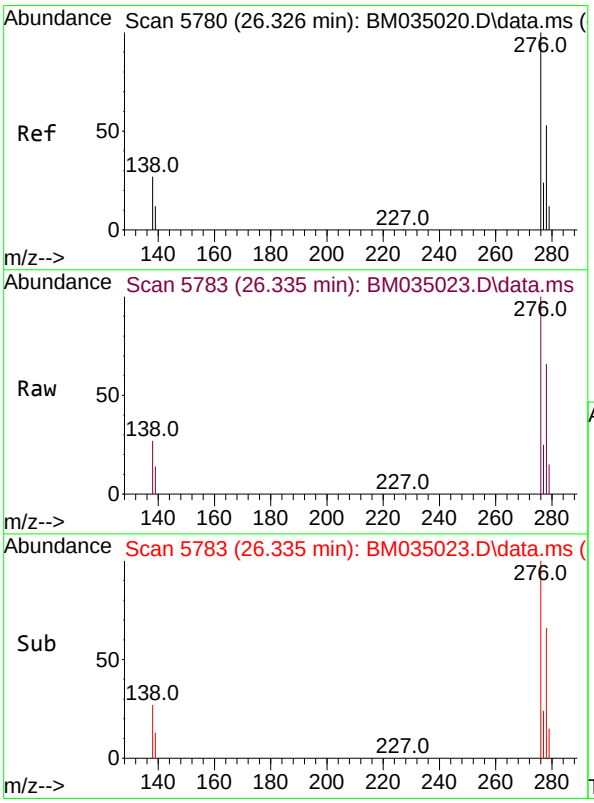
#26
Benzo(a)pyrene
Concen: 3.592 ng/ul
RT: 23.756 min Scan# 4
Delta R.T. 0.005 min
Lab File: BM035023.D
Acq: 12 May 2022 17:38

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Tgt Ion:252 Resp: 155670

Ion	Ratio	Lower	Upper
252	100		
253	21.8	32.0	48.0#
125	12.8	14.5	21.7#

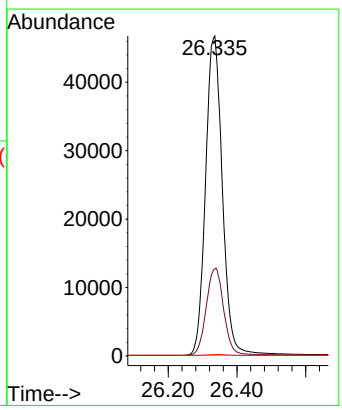


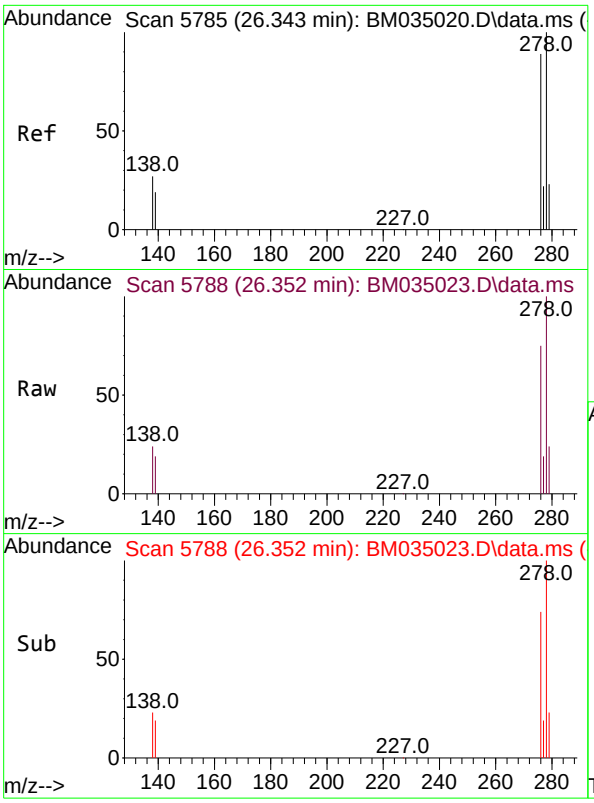


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.611 ng/ul
RT: 26.335 min Scan# 5783
Delta R.T. 0.009 min
Lab File: BM035023.D
Acq: 12 May 2022 17:38

Tgt Ion:276 Resp: 158868

Ion	Ratio	Lower	Upper
276	100		
138	28.4	15.8	23.6#
227	0.3	0.0	0.0#



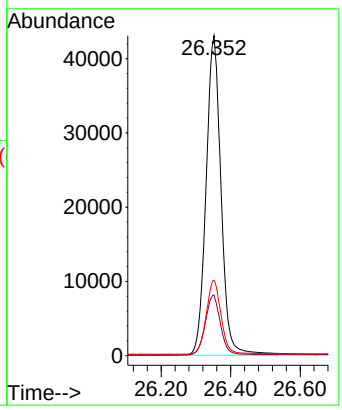


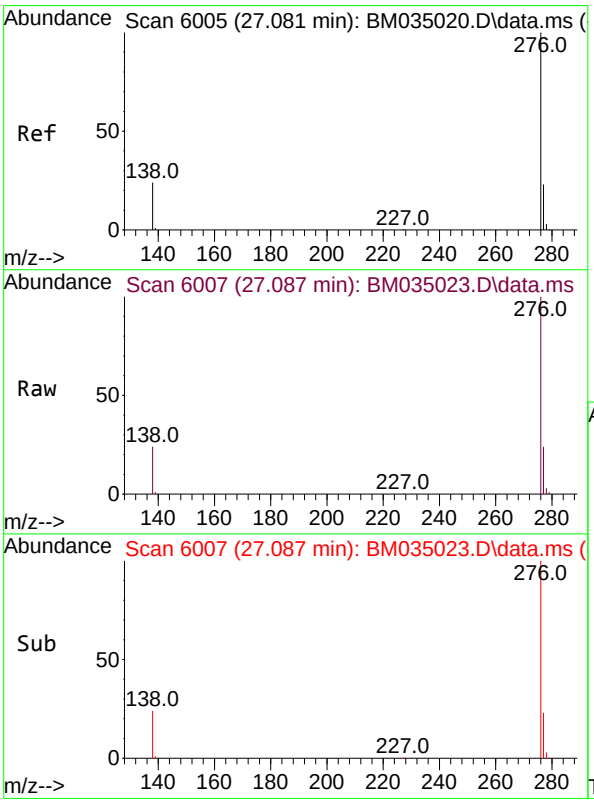
#28
Dibenzo(a,h)anthracene
Concen: 2.598 ng/ul
RT: 26.352 min Scan# 5
Delta R.T. 0.009 min
Lab File: BM035023.D
Acq: 12 May 2022 17:38

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Tgt Ion:278 Resp: 128613

Ion	Ratio	Lower	Upper
278	100		
139	18.9	18.0	27.0
279	23.6	28.6	42.8#





#29
Benzo(g,h,i)perylene
Concen: 2.548 ng/ul
RT: 27.087 min Scan# 6007
Delta R.T. 0.006 min
Lab File: BM035023.D
Acq: 12 May 2022 17:38

Tgt Ion:276 Resp: 133810

Ion	Ratio	Lower	Upper
276	100		
138	24.4	17.4	26.0
277	23.6	22.6	33.8