Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045596.D
Acq On : 26 Apr 2024 20:16
Operator : MA/JU
Sample : P2203-18
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E1CX0

Quant Time: Apr 26 23:53:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 26 23:51:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	963	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.303	136	2665	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.196	164	1373	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.056	188	157577	0.400	ng/ul	# 0.08
17) Chrysene-d12	21.176	240	2220	0.400	ng/ul	#-0.02
23) Perylene-d12	23.362	264	3251	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	5951	4.610	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.909	152	1228	0.349	ng/ul	-0.02
18) Fluoranthene-d10	19.001	212	1796	0.257	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.353	128	64034	8.947	ng/ul#	86
7) 2-Methylnaphthalene	11.986	142	6502	1.591	ng/ul	99
8) 1-Methylnaphthalene	12.206	142	4583	1.000	ng/ul	98
10) Acenaphthylene	13.909	152	16600	2.452	ng/ul#	94
11) Acenaphthene	14.256	153	1022	0.203	ng/ul	99
12) Fluorene	15.255	166	3421	0.636	ng/ul	98
15) Phenanthrene	16.997	178	97150	0.212	ng/ul	93
16) Anthracene	17.090	178	8824	0.021	ng/ul	95
19) Fluoranthene	19.029	202	50598	4.939	ng/ul#	90
20) Pyrene	19.396	202	40137	3.812	ng/ul#	91
21) Benzo(a)anthracene	21.161	228	15477	2.181	ng/ul	97
22) Chrysene	21.211	228	16096	1.475	ng/ul	97
24) Benzo(b)fluoranthene	22.710	252	24930	2.280	ng/ul	85
25) Benzo(k)fluoranthene	22.710	252	32759	2.371	ng/ul#	85
26) Benzo(a)pyrene	23.265	252	16415	1.447	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.541	276	14519	0.881	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.551	278	3511	0.269	ng/ul#	66
29) Benzo(g,h,i)perylene	26.212	276	15305	1.033	ng/ul	97

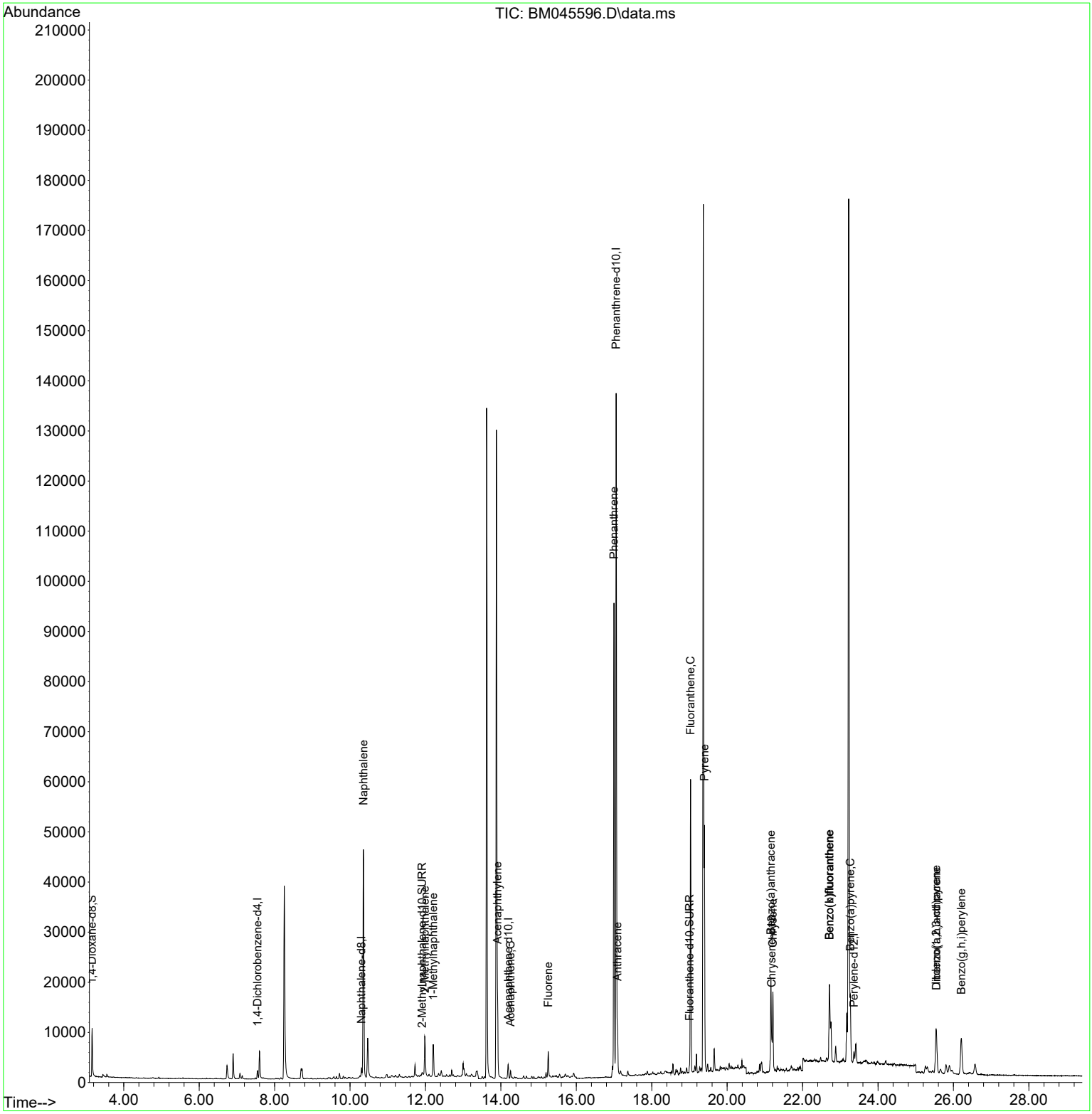
(#) = qualifier out of range (m) = manual integration (+) = signals summed

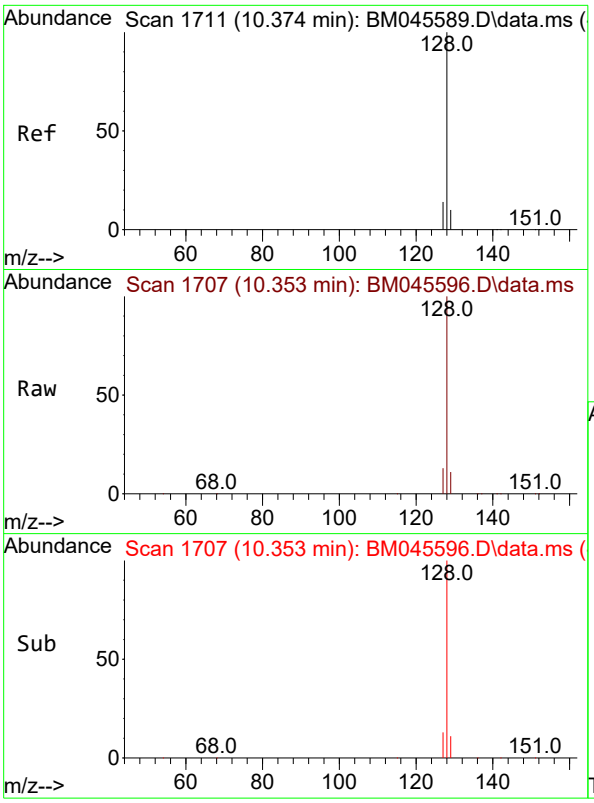
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045596.D
Acq On : 26 Apr 2024 20:16
Operator : MA/JU
Sample : P2203-18
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E1CX0

Quant Time: Apr 26 23:53:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 26 23:51:18 2024
Response via : Initial Calibration



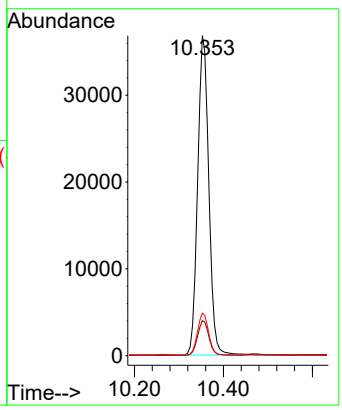


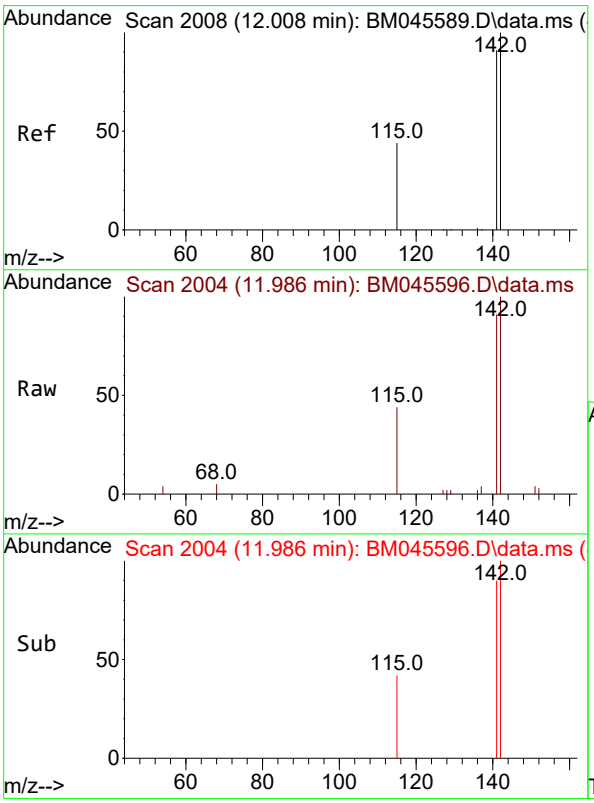
#5
Naphthalene
Concen: 8.947 ng/ul
RT: 10.353 min Scan# 1
Delta R.T. -0.027 min
Lab File: BM045596.D
Acq: 26 Apr 2024 20:16

Instrument :
BNA_N
ClientSampleId :
E1CX0

Tgt Ion:128 Resp: 64034

Ion	Ratio	Lower	Upper
128	100		
129	10.9	14.0	21.0#
127	13.3	15.4	23.2#

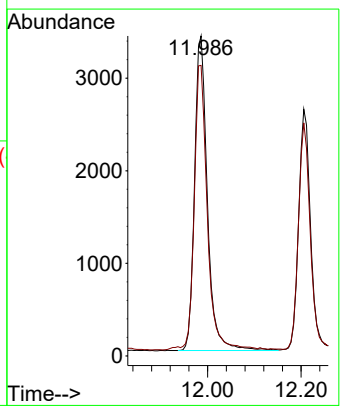


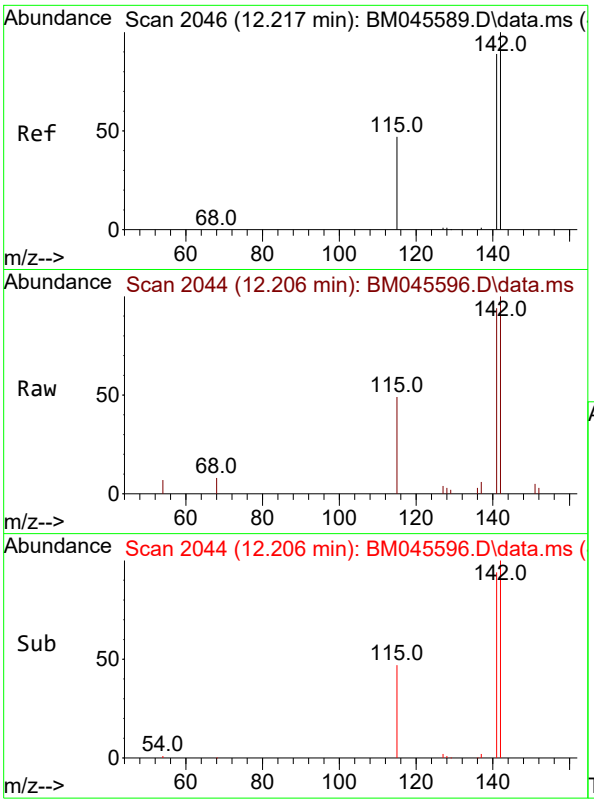


#7
2-Methylnaphthalene
Concen: 1.591 ng/ul
RT: 11.986 min Scan# 2004
Delta R.T. -0.022 min
Lab File: BM045596.D
Acq: 26 Apr 2024 20:16

Tgt Ion:142 Resp: 6502

Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.6	111.8



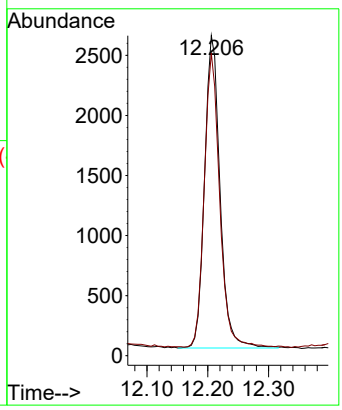


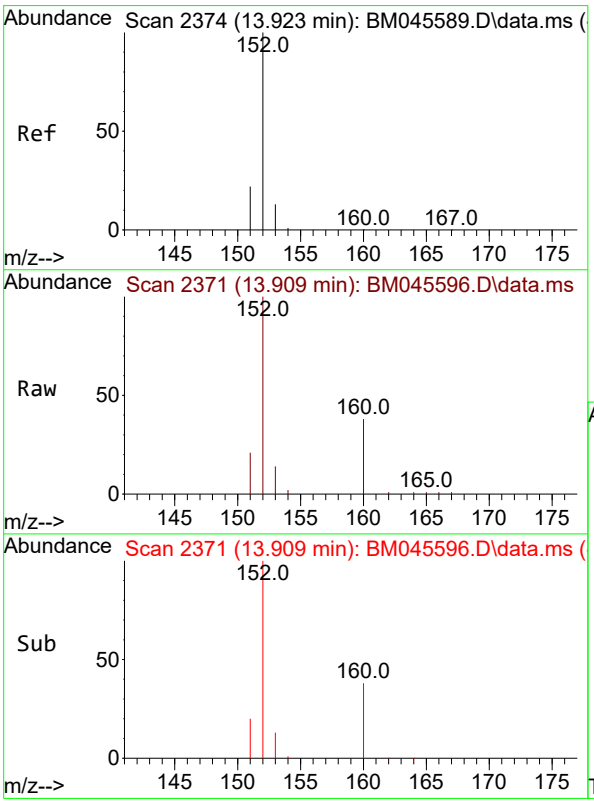
#8
1-Methylnaphthalene
Concen: 1.000 ng/ul
RT: 12.206 min Scan# 2
Delta R.T. -0.016 min
Lab File: BM045596.D
Acq: 26 Apr 2024 20:16

Instrument :
BNA_N
ClientSampleId :
E1CX0

Tgt Ion:142 Resp: 4583

Ion	Ratio	Lower	Upper
142	100		
141	93.6	76.1	114.1

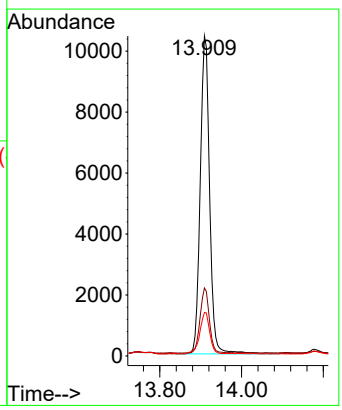


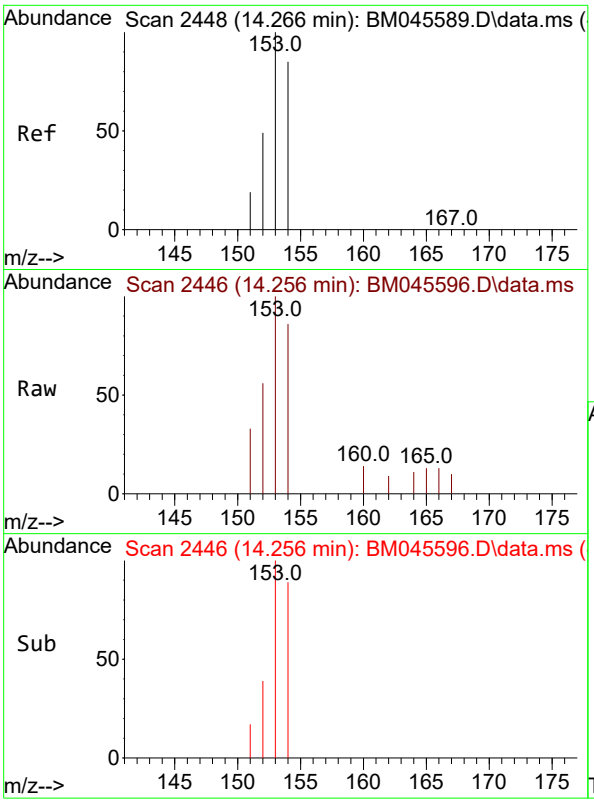


#10
Acenaphthylene
Concen: 2.452 ng/ul
RT: 13.909 min Scan# 2371
Delta R.T. -0.018 min
Lab File: BM045596.D
Acq: 26 Apr 2024 20:16

Tgt Ion:152 Resp: 16600

Ion	Ratio	Lower	Upper
152	100		
151	21.2	18.6	28.0
153	13.6	14.1	21.1#



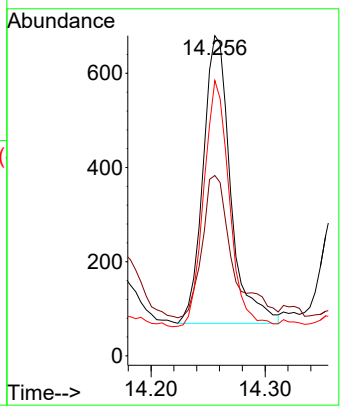


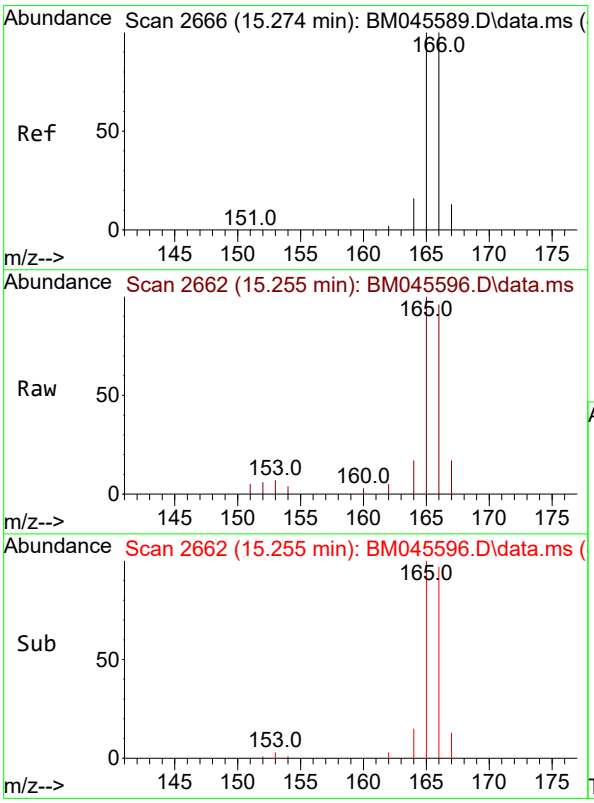
#11
Acenaphthene
Concen: 0.203 ng/ul
RT: 14.256 min Scan# 24
Delta R.T. -0.014 min
Lab File: BM045596.D
Acq: 26 Apr 2024 20:16

Instrument :
BNA_N
ClientSampleId :
E1CX0

Tgt Ion:153 Resp: 1022

Ion	Ratio	Lower	Upper
153	100		
152	56.3	43.4	65.2
154	86.0	69.0	103.6

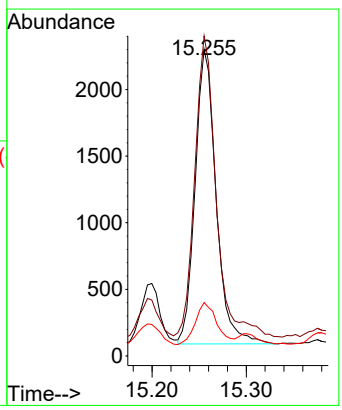


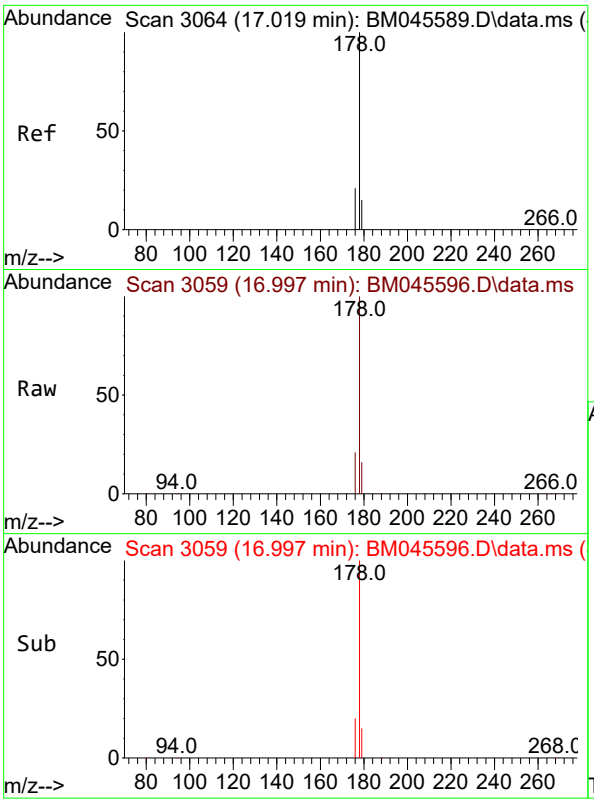


#12
Fluorene
Concen: 0.636 ng/ul
RT: 15.255 min Scan# 2662
Delta R.T. -0.023 min
Lab File: BM045596.D
Acq: 26 Apr 2024 20:16

Tgt Ion:166 Resp: 3421

Ion	Ratio	Lower	Upper
166	100		
165	104.4	82.2	123.2
167	17.4	14.8	22.2



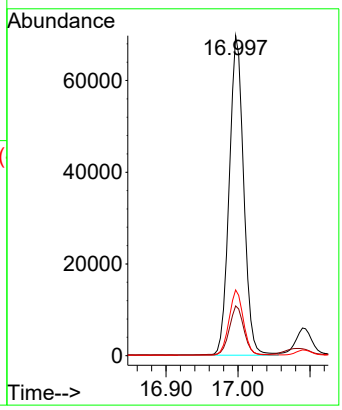


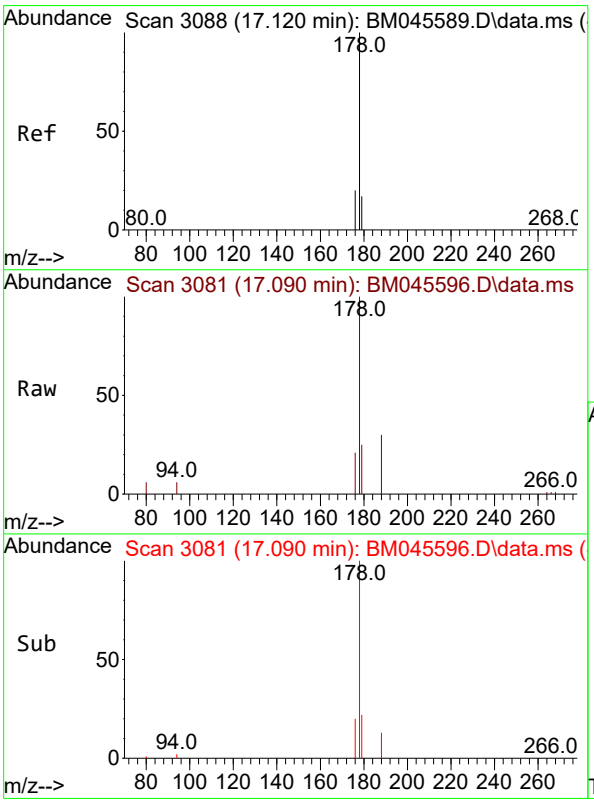
#15
Phenanthrene
Concen: 0.212 ng/ul
RT: 16.997 min Scan# 3
Delta R.T. -0.025 min
Lab File: BM045596.D
Acq: 26 Apr 2024 20:16

Instrument :
BNA_N
ClientSampleId :
E1CX0

Tgt Ion:178 Resp: 97150

Ion	Ratio	Lower	Upper
178	100		
179	15.5	15.4	23.2
176	20.5	19.0	28.4

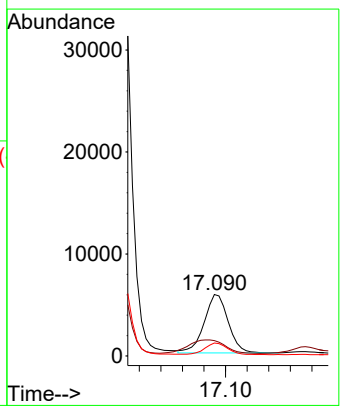


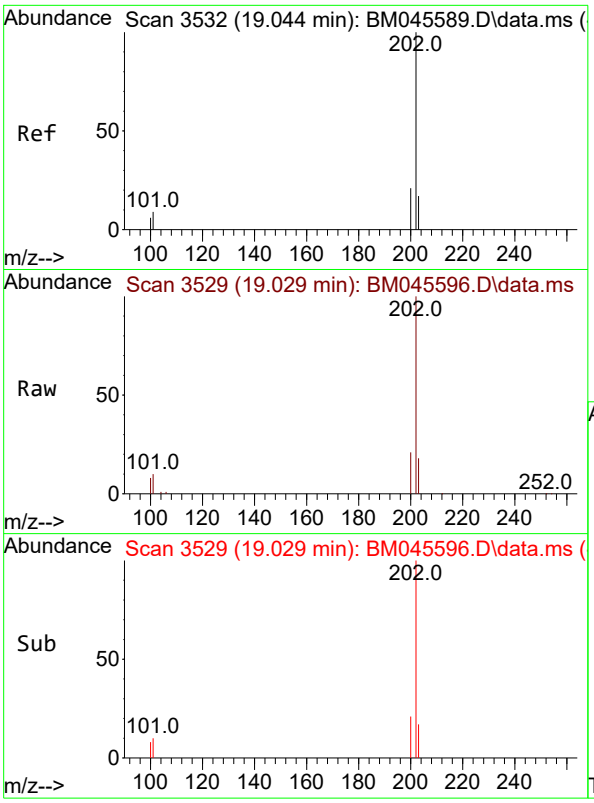


#16
Anthracene
Concen: 0.021 ng/ul
RT: 17.090 min Scan# 3081
Delta R.T. -0.029 min
Lab File: BM045596.D
Acq: 26 Apr 2024 20:16

Tgt Ion:178 Resp: 8824

Ion	Ratio	Lower	Upper
178	100		
179	25.1	17.8	26.6
176	21.0	18.7	28.1



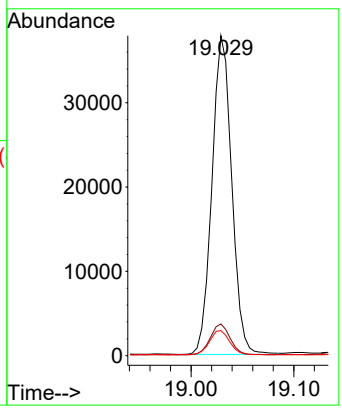


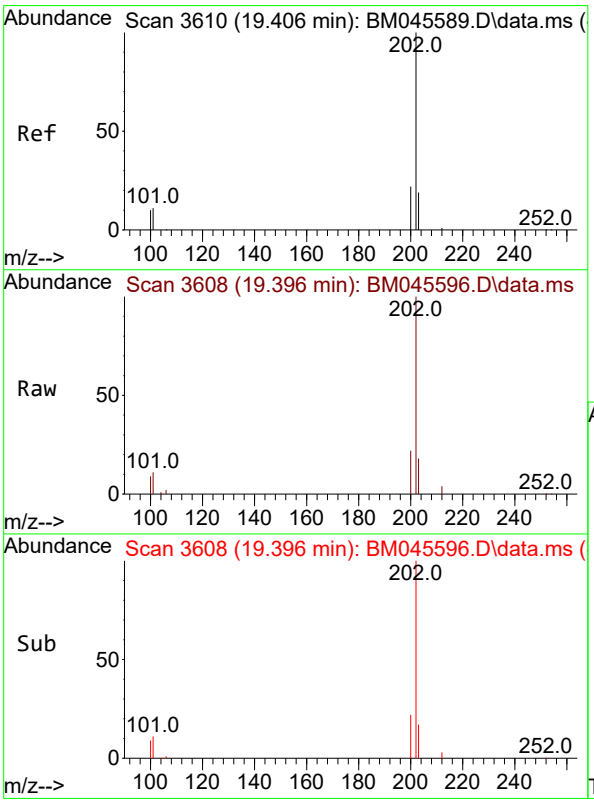
#19
Fluoranthene
Concen: 4.939 ng/ul
RT: 19.029 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM045596.D
Acq: 26 Apr 2024 20:16

Instrument :
BNA_N
ClientSampleId :
E1CX0

Tgt Ion:202 Resp: 50598

Ion	Ratio	Lower	Upper
202	100		
101	9.9	11.2	16.8#
100	7.9	9.1	13.7#

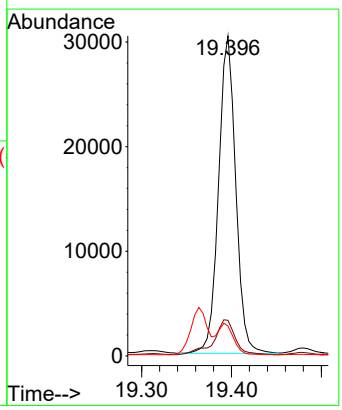


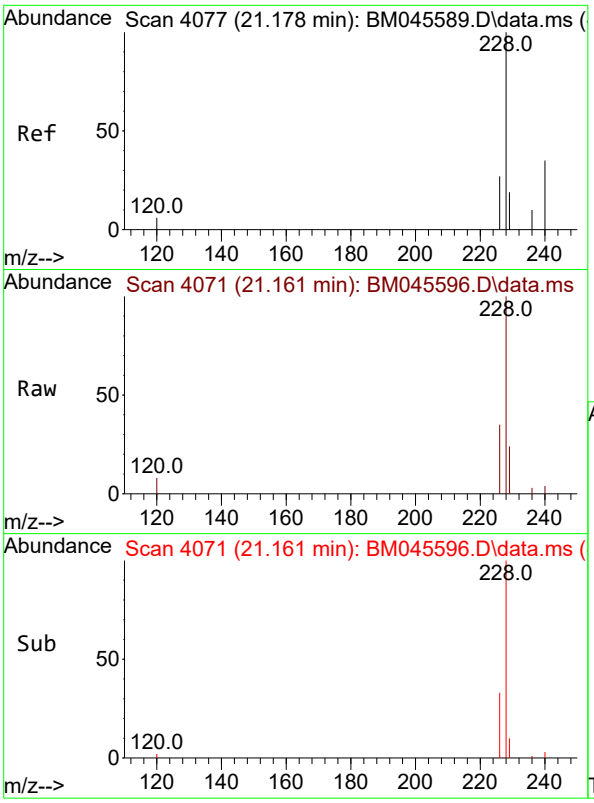


#20
Pyrene
Concen: 3.812 ng/ul
RT: 19.396 min Scan# 3608
Delta R.T. -0.018 min
Lab File: BM045596.D
Acq: 26 Apr 2024 20:16

Tgt Ion:202 Resp: 40137

Ion	Ratio	Lower	Upper
202	100		
101	11.2	11.5	17.3#
100	9.3	10.6	15.8#



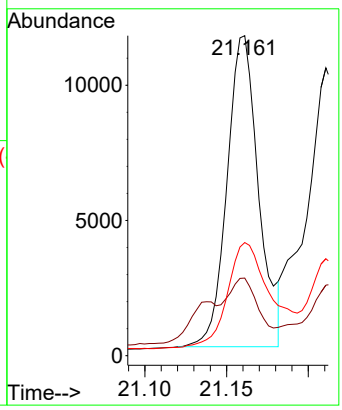


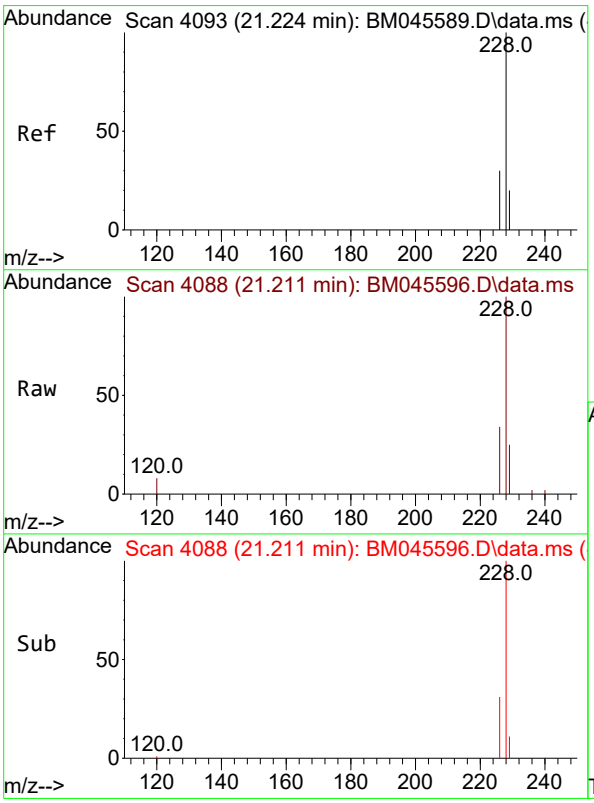
#21
Benzo(a)anthracene
Concen: 2.181 ng/ul
RT: 21.161 min Scan# 4
Delta R.T. -0.020 min
Lab File: BM045596.D
Acq: 26 Apr 2024 20:16

Instrument :
BNA_N
ClientSampleId :
E1CX0

Tgt Ion:228 Resp: 15477

Ion	Ratio	Lower	Upper
228	100		
229	24.2	19.4	29.2
226	35.3	26.3	39.5

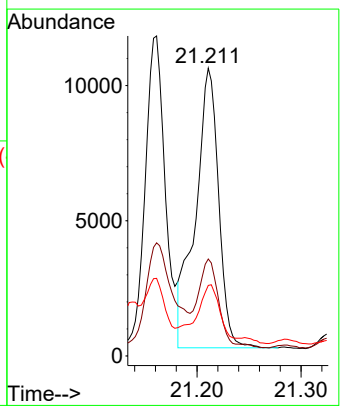


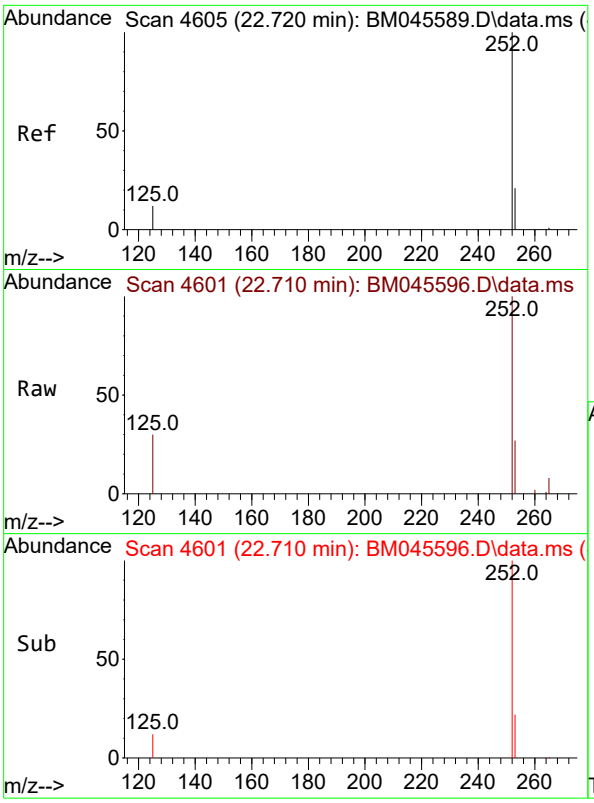


#22
Chrysene
Concen: 1.475 ng/ul
RT: 21.211 min Scan# 4088
Delta R.T. -0.017 min
Lab File: BM045596.D
Acq: 26 Apr 2024 20:16

Tgt Ion:228 Resp: 16096

Ion	Ratio	Lower	Upper
228	100		
226	33.7	26.3	39.5
229	24.5	17.8	26.8



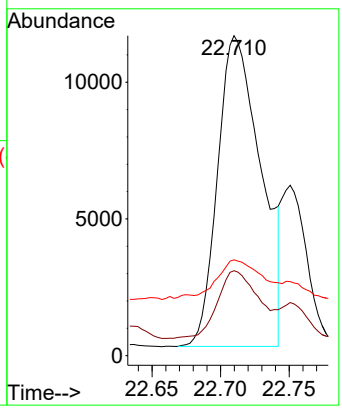


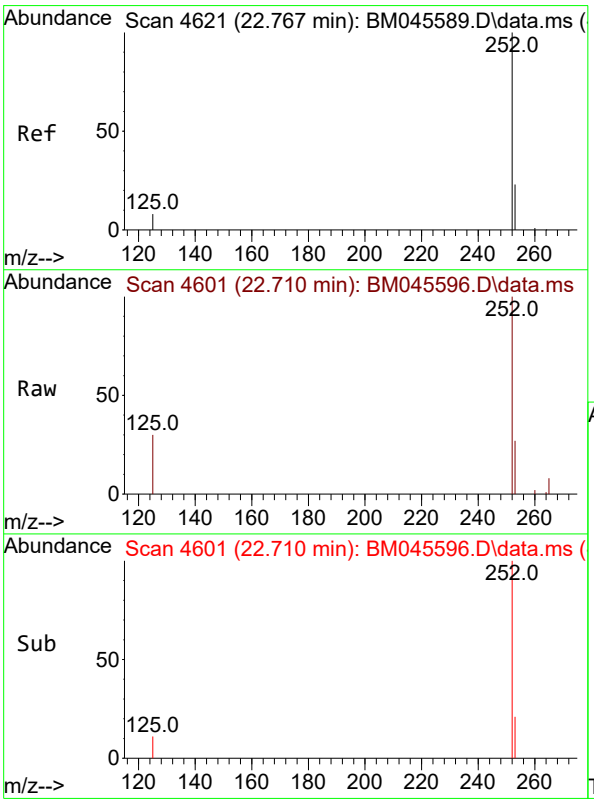
#24
Benzo(b)fluoranthene
Concen: 2.280 ng/ul
RT: 22.710 min Scan# 4
Delta R.T. -0.020 min
Lab File: BM045596.D
Acq: 26 Apr 2024 20:16

Instrument :
BNA_N
ClientSampleId :
E1CX0

Tgt Ion:252 Resp: 24930

Ion	Ratio	Lower	Upper
252	100		
253	26.6	0.0	63.4
125	30.0	0.0	36.8

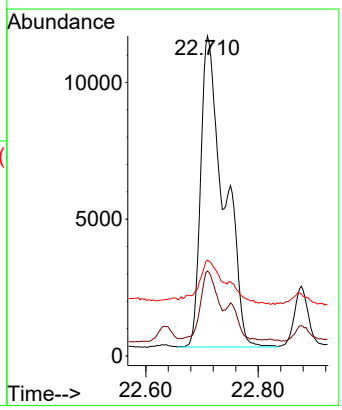


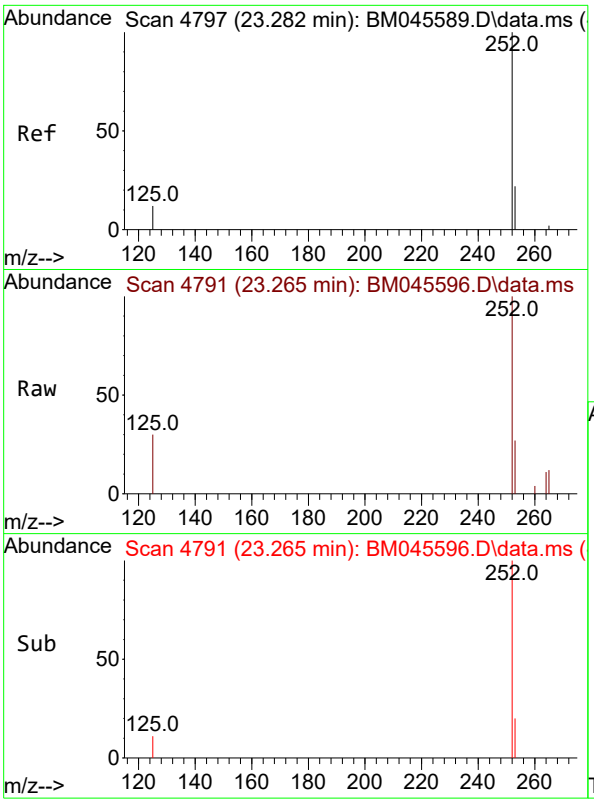


#25
Benzo(k)fluoranthene
Concen: 2.371 ng/ul
RT: 22.710 min Scan# 4601
Delta R.T. -0.061 min
Lab File: BM045596.D
Acq: 26 Apr 2024 20:16

Tgt Ion:252 Resp: 32759

Ion	Ratio	Lower	Upper
252	100		
253	26.6	25.4	38.0
125	30.0	14.8	22.2#



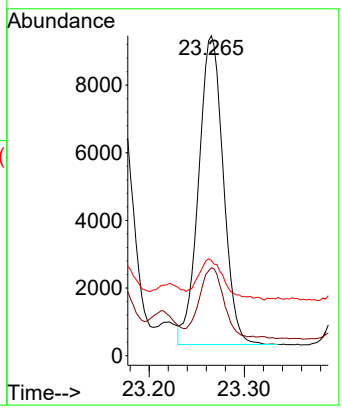


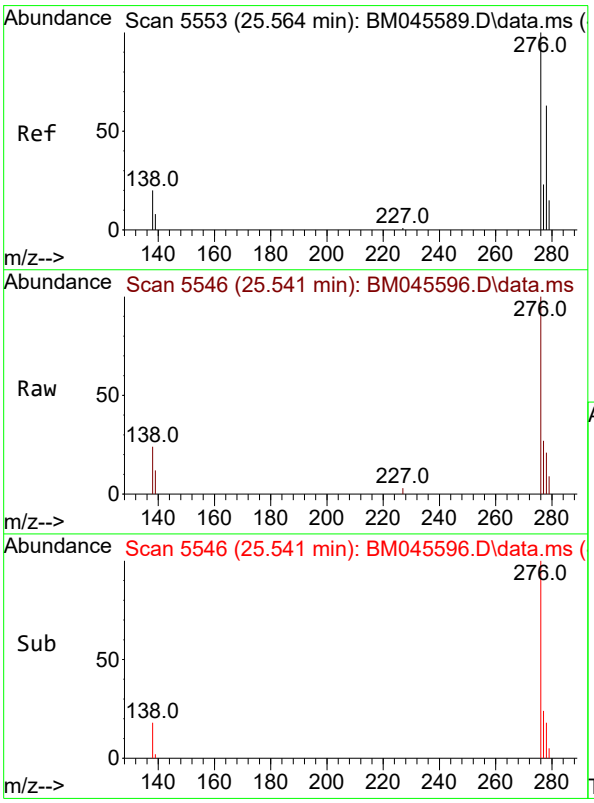
#26
Benzo(a)pyrene
Concen: 1.447 ng/ul
RT: 23.265 min Scan# 4
Delta R.T. -0.026 min
Lab File: BM045596.D
Acq: 26 Apr 2024 20:16

Instrument :
BNA_N
ClientSampleId :
E1CX0

Tgt Ion:252 Resp: 16415

Ion	Ratio	Lower	Upper
252	100		
253	27.5	31.6	47.4#
125	29.8	19.5	29.3#

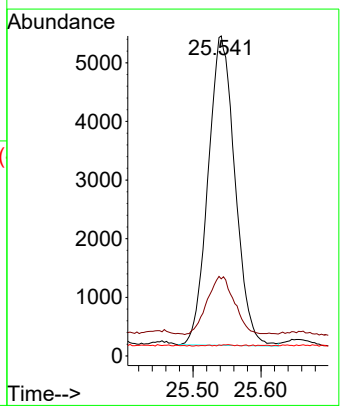


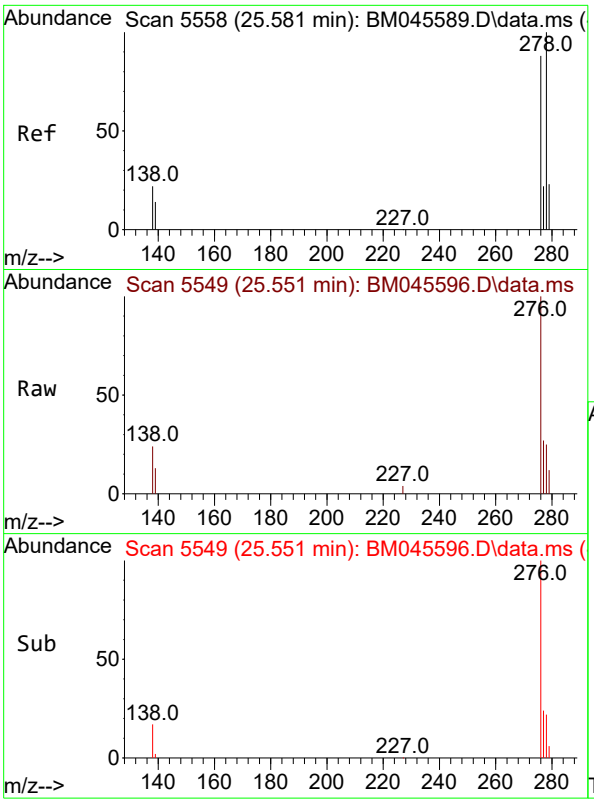


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.881 ng/ul
RT: 25.541 min Scan# 5546
Delta R.T. -0.030 min
Lab File: BM045596.D
Acq: 26 Apr 2024 20:16

Tgt Ion:276 Resp: 14519

Ion	Ratio	Lower	Upper
276	100		
138	19.2	19.8	29.6#
227	0.2	0.2	0.2



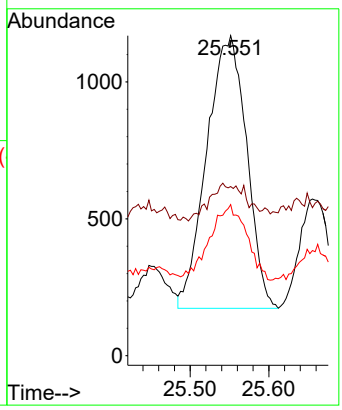


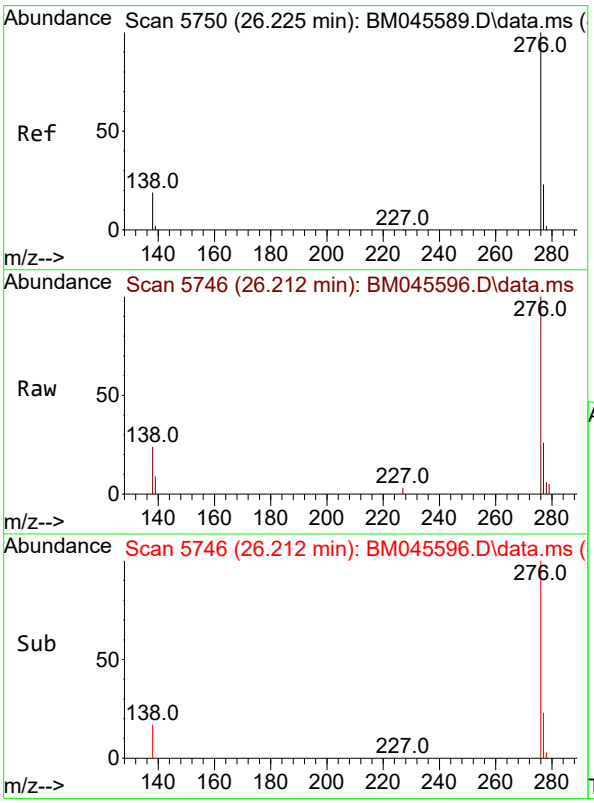
#28
Dibenzo(a,h)anthracene
Concen: 0.269 ng/ul
RT: 25.551 min Scan# 5
Delta R.T. -0.037 min
Lab File: BM045596.D
Acq: 26 Apr 2024 20:16

Instrument :
BNA_N
ClientSampleId :
E1CX0

Tgt Ion:278 Resp: 3511

Ion	Ratio	Lower	Upper
278	100		
139	52.9	19.0	28.6#
279	47.2	29.4	44.2#





#29
Benzo(g,h,i)perylene
Concen: 1.033 ng/ul
RT: 26.212 min Scan# 5746
Delta R.T. -0.023 min
Lab File: BM045596.D
Acq: 26 Apr 2024 20:16

Tgt Ion:276 Resp: 15305

Ion	Ratio	Lower	Upper
276	100		
138	23.7	20.8	31.2
277	26.1	21.8	32.8