Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070823\
Data File : BM040748.D
Acq On : 08 Jul 2023 20:24
Operator : MA/JU
Sample : 03348-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YBW13

Quant Time: Jul 08 23:32:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 08 22:50:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.891	152	3953	0.400	ng/ul	0.00
4) Naphthalene-d8	10.697	136	14016	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.537	164	6802	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.286	188	13818	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.489	240	15751	0.400	ng/ul	# 0.00
23) Perylene-d12	23.868	264	11270	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	13045	2.101	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.291	152	4907	0.250	ng/ul	0.00
18) Fluoranthene-d10	19.315	212	8756	0.173	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	130	0.021	ng/ul#	20
5) Naphthalene	10.746	128	2491	0.064	ng/ul#	85
7) 2-Methylnaphthalene	12.363	142	1653	0.073	ng/ul	97
8) 1-Methylnaphthalene	12.583	142	905	0.040	ng/ul	92
10) Acenaphthylene	14.259	152	1946	0.064	ng/ul#	72
12) Fluorene	15.587	166	694	0.025	ng/ul#	82
14) Pentachlorophenol	16.945	266	306	0.115	ng/ul	95
15) Phenanthrene	17.329	178	6148	0.143	ng/ul#	86
16) Anthracene	17.417	178	3444	0.095	ng/ul#	74
19) Fluoranthene	19.348	202	8498	0.127	ng/ul#	71
20) Pyrene	19.710	202	11207	0.156	ng/ul#	41
21) Benzo(a)anthracene	21.460	228	3924	0.074	ng/ul#	59
22) Chrysene	21.492	228	13461	0.221	ng/ul#	54
24) Benzo(b)fluoranthene	23.138	252	12355	0.283	ng/ul#	1
26) Benzo(a)pyrene	23.763	252	5938	0.151	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.351	276	7281	0.133	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.357	278	3387	0.079	ng/ul#	1
29) Benzo(g,h,i)perylene	27.115	276	8799	0.183	ng/ul#	65

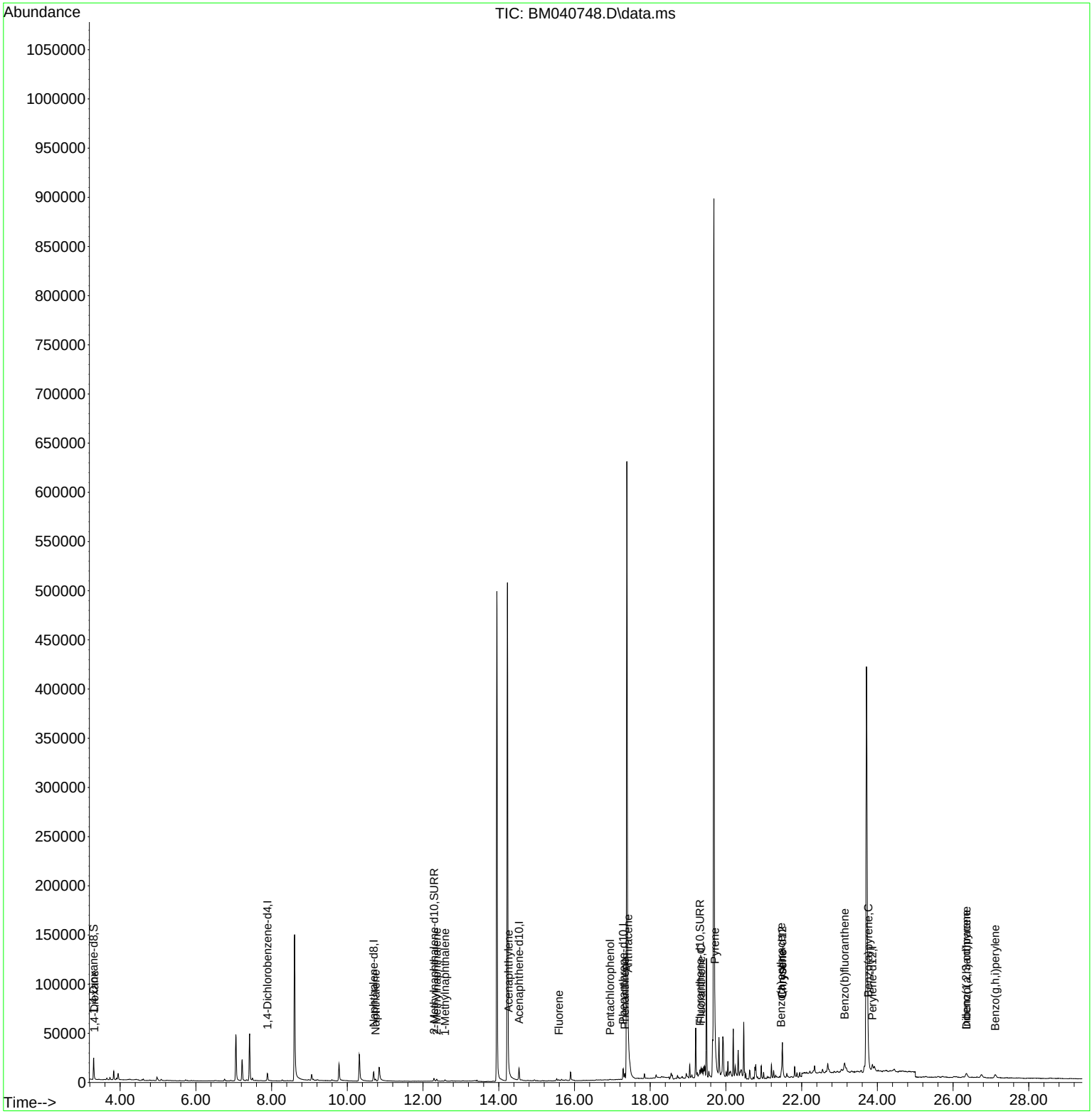
(#) = qualifier out of range (m) = manual integration (+) = signals summed

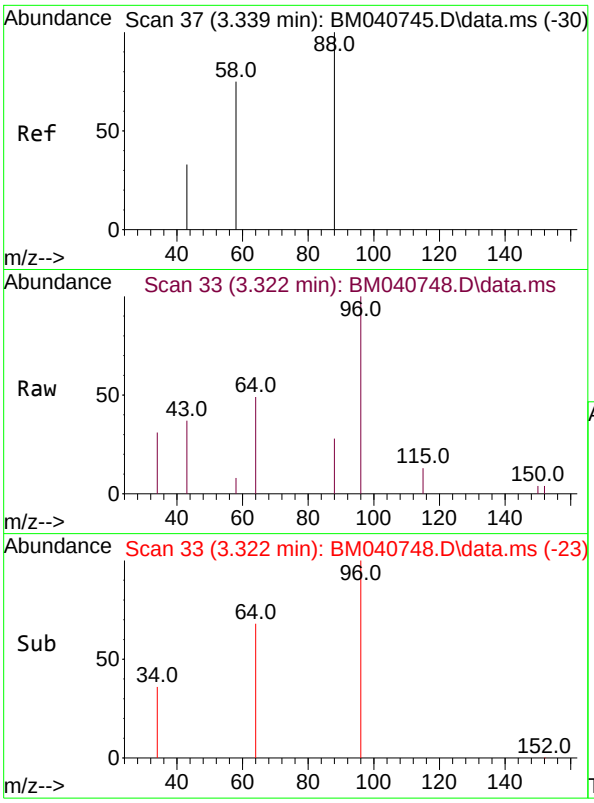
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070823\
Data File : BM040748.D
Acq On : 08 Jul 2023 20:24
Operator : MA/JU
Sample : 03348-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YBW13

Quant Time: Jul 08 23:32:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 08 22:50:20 2023
Response via : Initial Calibration



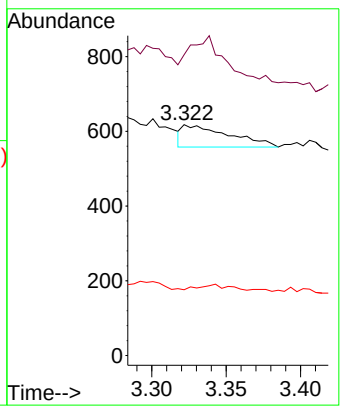


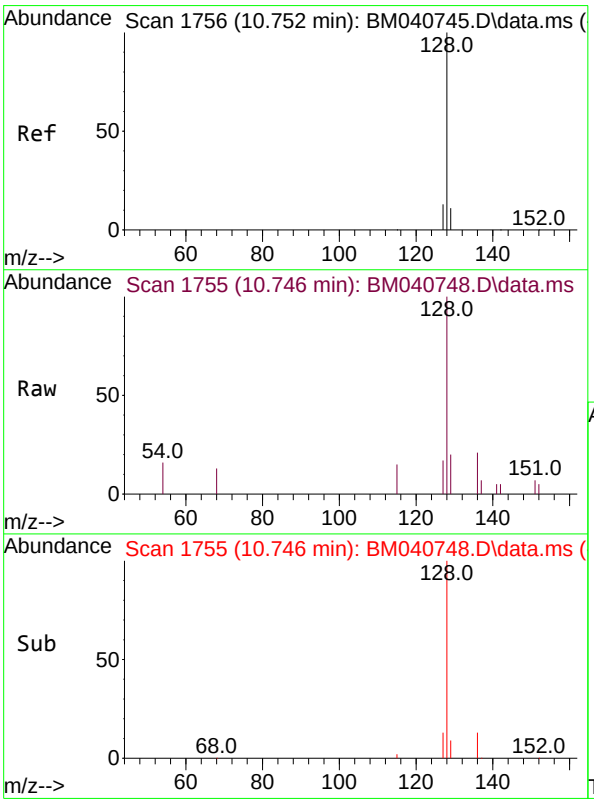
#2
1,4-Dioxane
Concen: 0.021 ng/ul
RT: 3.322 min Scan# 3
Delta R.T. -0.017 min
Lab File: BM040748.D
Acq: 08 Jul 2023 20:24

Instrument :
BNA_M
ClientSampleId :
YBW13

Tgt Ion: 88 Resp: 130

Ion	Ratio	Lower	Upper
88	100		
43	130.3	36.1	54.1#
58	28.5	49.8	74.8#

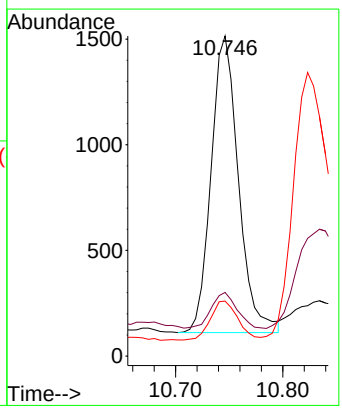


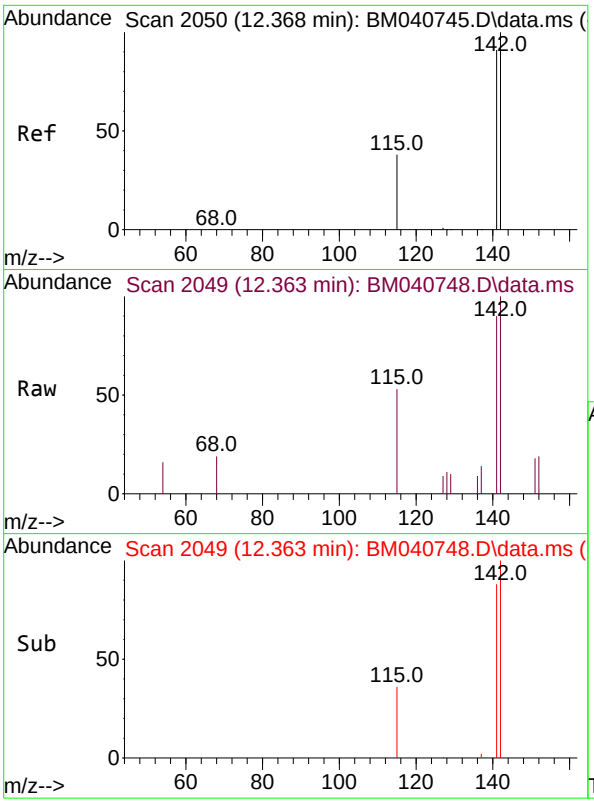


#5
Naphthalene
Concen: 0.064 ng/ul
RT: 10.746 min Scan# 1755
Delta R.T. -0.005 min
Lab File: BM040748.D
Acq: 08 Jul 2023 20:24

Tgt Ion:128 Resp: 2491

Ion	Ratio	Lower	Upper
128	100		
129	19.9	9.2	13.8#
127	17.2	10.6	15.8#



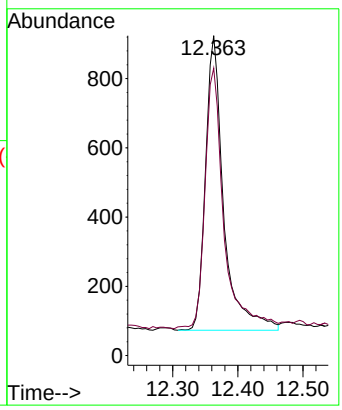


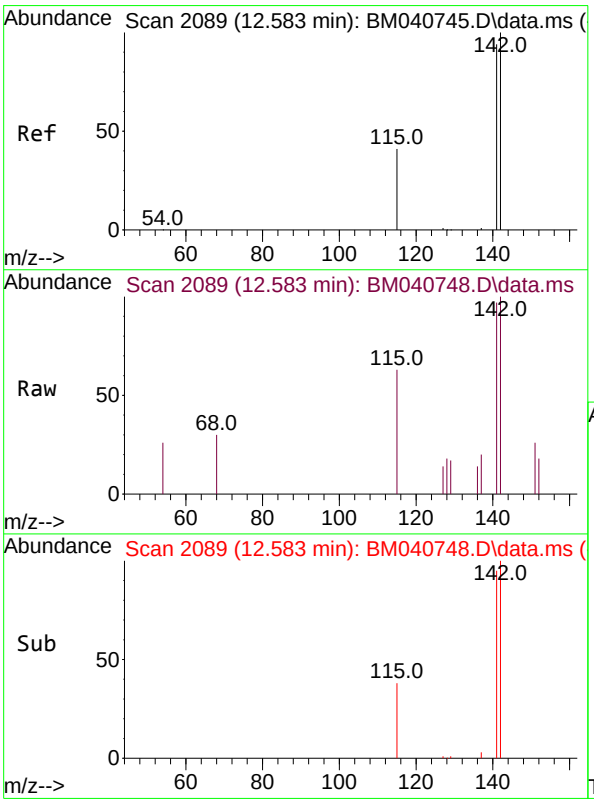
#7
2-Methylnaphthalene
Concen: 0.073 ng/ul
RT: 12.363 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM040748.D
Acq: 08 Jul 2023 20:24

Instrument :
BNA_M
ClientSampleId :
YBW13

Tgt Ion:142 Resp: 1653

Ion	Ratio	Lower	Upper
142	100		
141	92.6	71.9	107.9

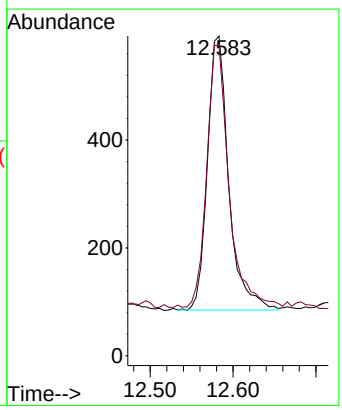


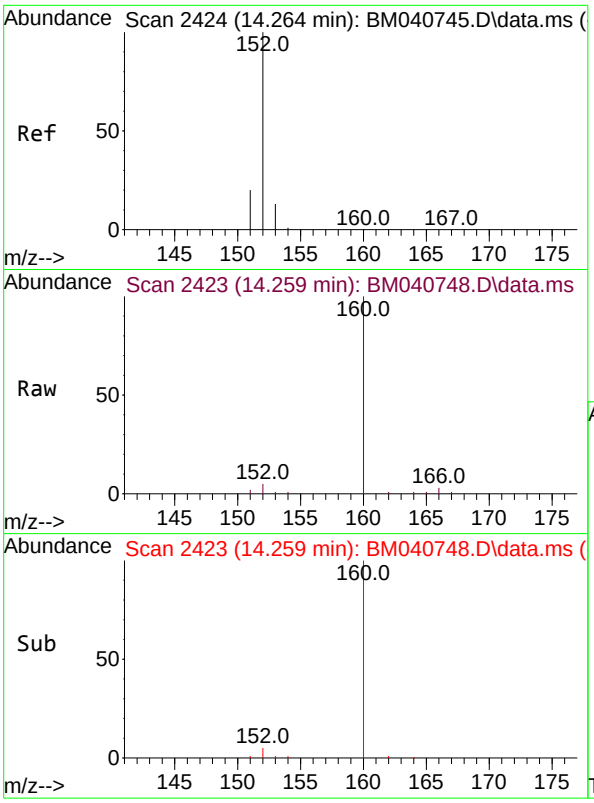


#8
1-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.583 min Scan# 2089
Delta R.T. -0.005 min
Lab File: BM040748.D
Acq: 08 Jul 2023 20:24

Tgt Ion:142 Resp: 905

Ion	Ratio	Lower	Upper
142	100		
141	99.8	73.7	110.5



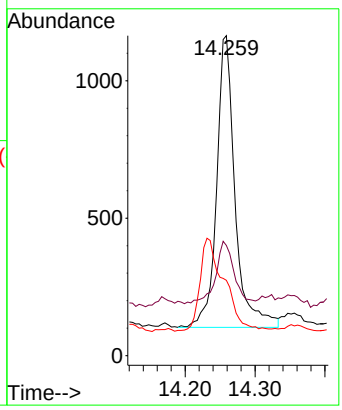


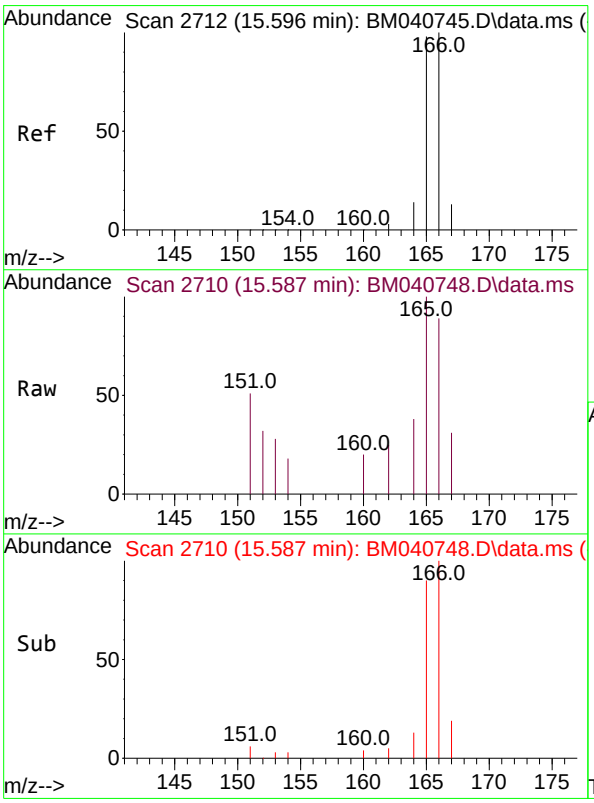
#10
Acenaphthylene
Concen: 0.064 ng/ul
RT: 14.259 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM040748.D
Acq: 08 Jul 2023 20:24

Instrument :
BNA_M
ClientSampleId :
YBW13

Tgt Ion:152 Resp: 1946

Ion	Ratio	Lower	Upper
152	100		
151	34.5	16.2	24.2#
153	23.5	10.9	16.3#

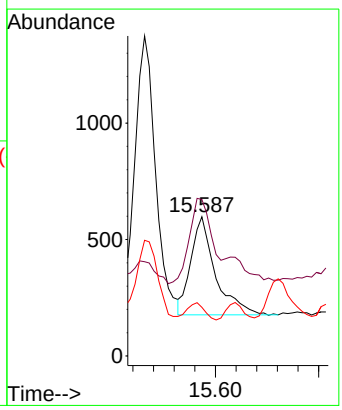


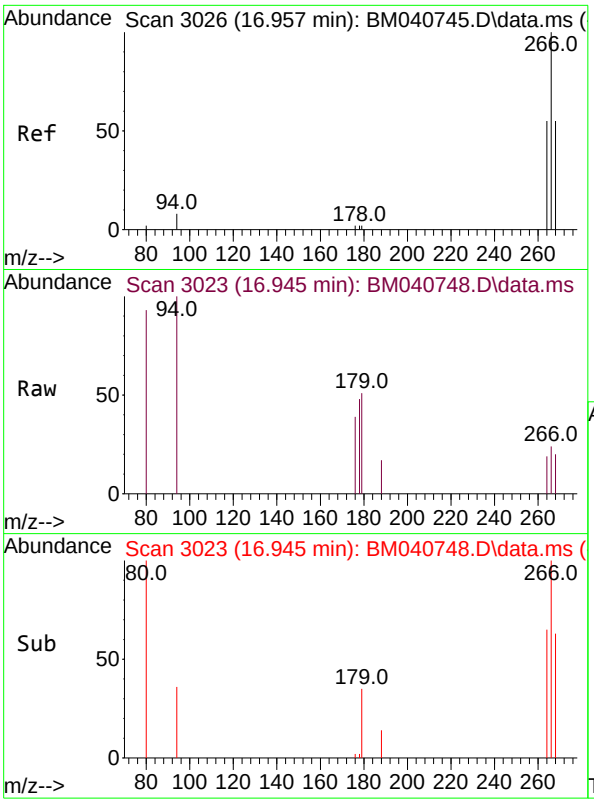


#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.587 min Scan# 2710
Delta R.T. -0.009 min
Lab File: BM040748.D
Acq: 08 Jul 2023 20:24

Tgt Ion:166 Resp: 694

Ion	Ratio	Lower	Upper
166	100		
165	112.4	79.6	119.4
167	34.9	11.4	17.0#



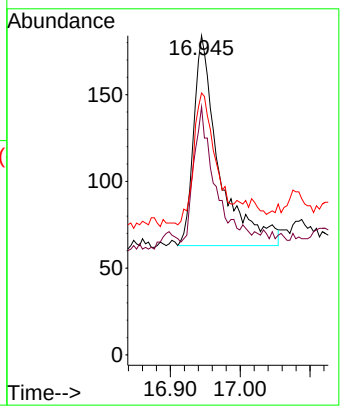


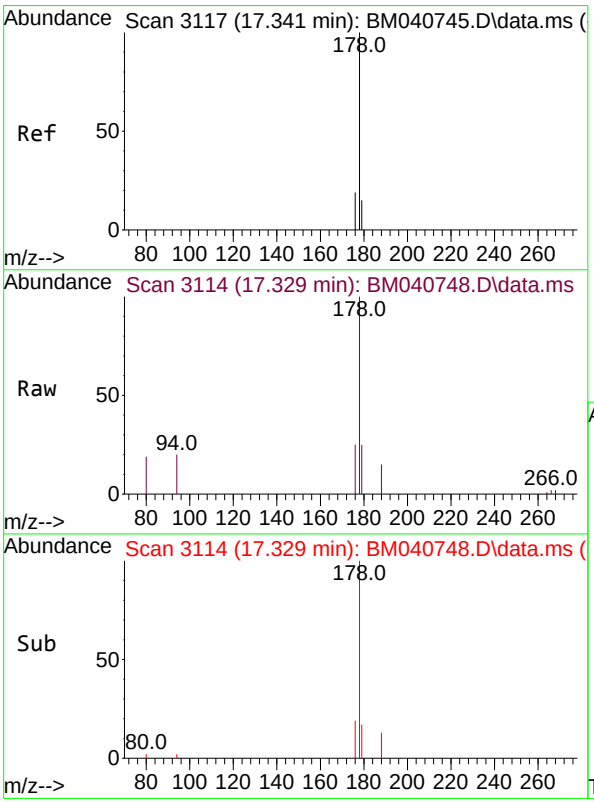
#14
Pentachlorophenol
Concen: 0.115 ng/ul
RT: 16.945 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM040748.D
Acq: 08 Jul 2023 20:24

Instrument :
BNA_M
ClientSampleId :
YBW13

Tgt Ion:266 Resp: 306

Ion	Ratio	Lower	Upper
266	100		
264	58.8	45.4	68.0
268	64.4	47.2	70.8

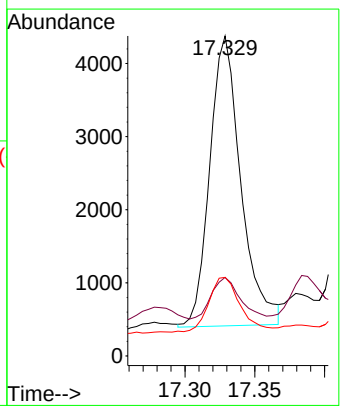


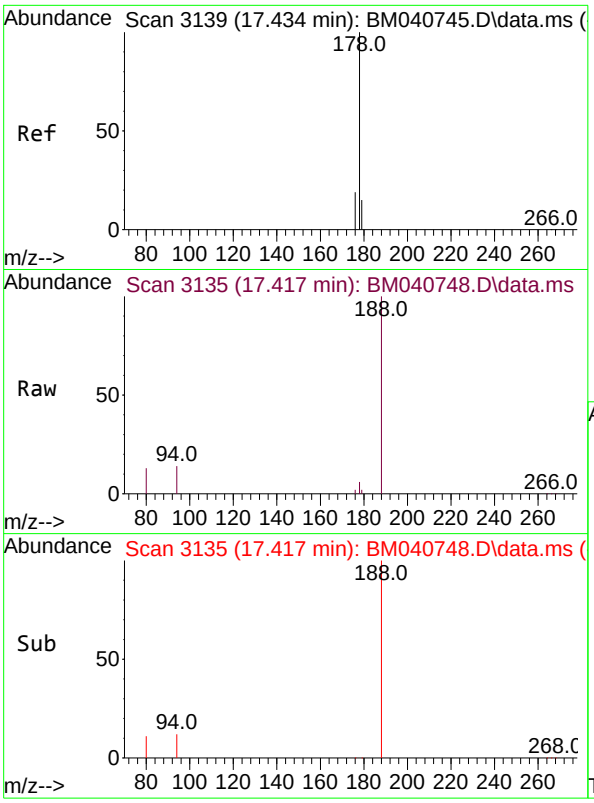


#15
Phenanthrene
Concen: 0.143 ng/ul
RT: 17.329 min Scan# 3114
Delta R.T. -0.013 min
Lab File: BM040748.D
Acq: 08 Jul 2023 20:24

Tgt Ion:178 Resp: 6148

Ion	Ratio	Lower	Upper
178	100		
179	24.6	12.8	19.2#
176	24.5	16.4	24.6



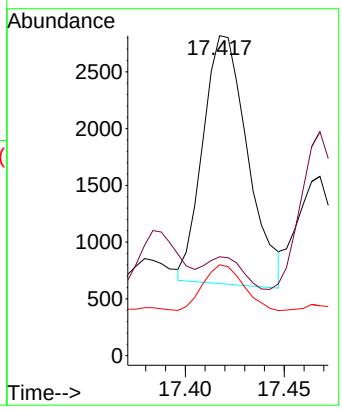


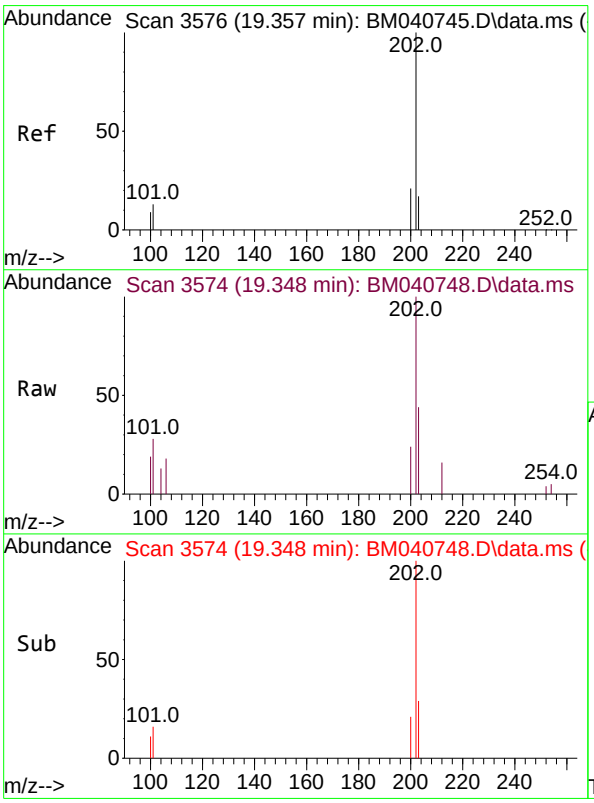
#16
Anthracene
Concen: 0.095 ng/ul
RT: 17.417 min Scan# 3
Delta R.T. -0.021 min
Lab File: BM040748.D
Acq: 08 Jul 2023 20:24

Instrument :
BNA_M
ClientSampleId :
YBW13

Tgt Ion:178 Resp: 3444

Ion	Ratio	Lower	Upper
178	100		
179	30.9	12.9	19.3#
176	28.4	15.8	23.6#

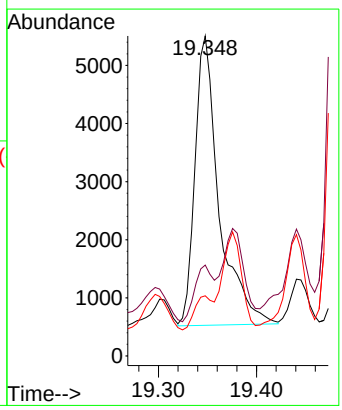


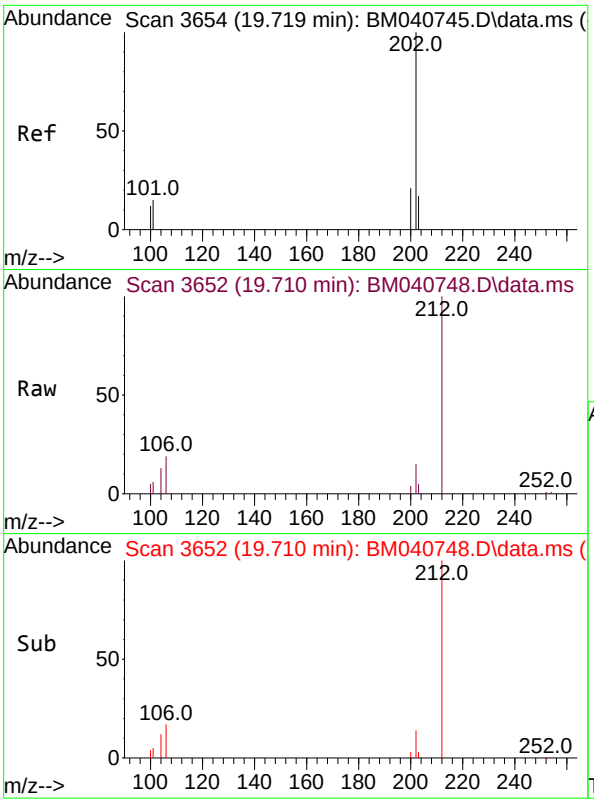


#19
Fluoranthene
Concen: 0.127 ng/ul
RT: 19.348 min Scan# 3574
Delta R.T. -0.009 min
Lab File: BM040748.D
Acq: 08 Jul 2023 20:24

Tgt Ion:202 Resp: 8498

Ion	Ratio	Lower	Upper
202	100		
101	28.4	11.4	17.0#
100	18.8	8.7	13.1#



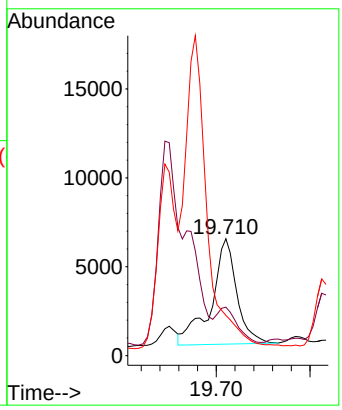


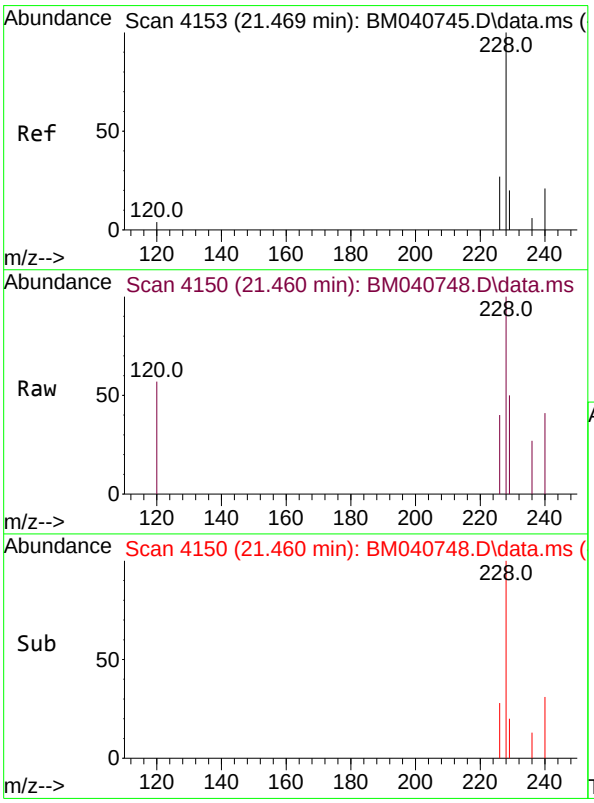
#20
Pyrene
Concen: 0.156 ng/ul
RT: 19.710 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM040748.D
Acq: 08 Jul 2023 20:24

Instrument :
BNA_M
ClientSampleId :
YBW13

Tgt Ion:202 Resp: 11207

Ion	Ratio	Lower	Upper
202	100		
101	41.5	12.6	18.8#
100	34.5	9.8	14.6#

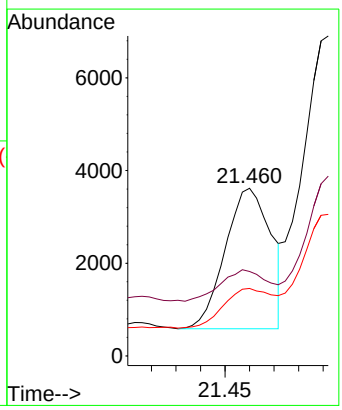


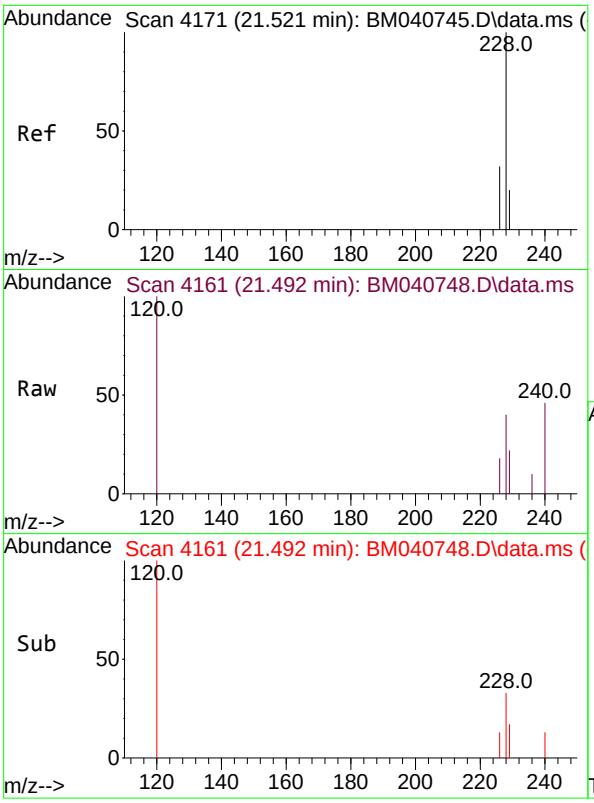


#21
Benzo(a)anthracene
Concen: 0.074 ng/ul
RT: 21.460 min Scan# 4150
Delta R.T. -0.012 min
Lab File: BM040748.D
Acq: 08 Jul 2023 20:24

Tgt Ion:228 Resp: 3924

Ion	Ratio	Lower	Upper
228	100		
229	50.4	16.0	24.0#
226	40.2	22.3	33.5#



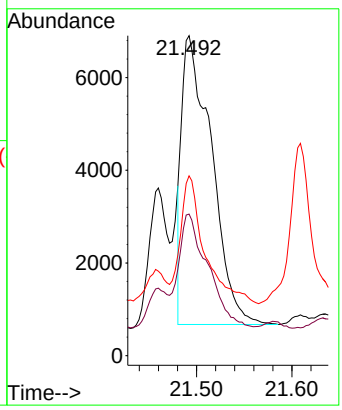


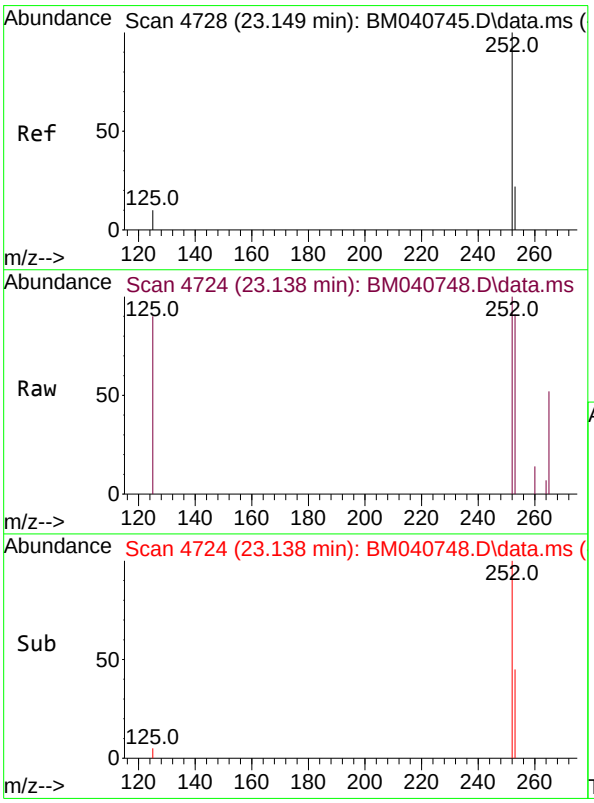
#22
Chrysene
Concen: 0.221 ng/ul
RT: 21.492 min Scan# 4
Delta R.T. -0.032 min
Lab File: BM040748.D
Acq: 08 Jul 2023 20:24

Instrument :
BNA_M
ClientSampleId :
YBW13

Tgt Ion:228 Resp: 13461

Ion	Ratio	Lower	Upper
228	100		
226	44.2	24.9	37.3#
229	56.2	15.8	23.6#

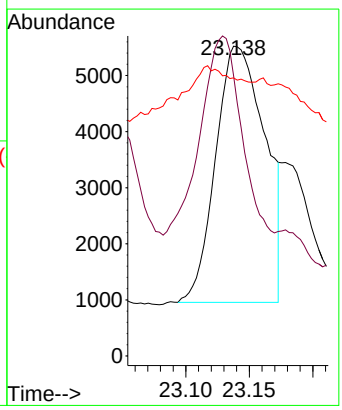


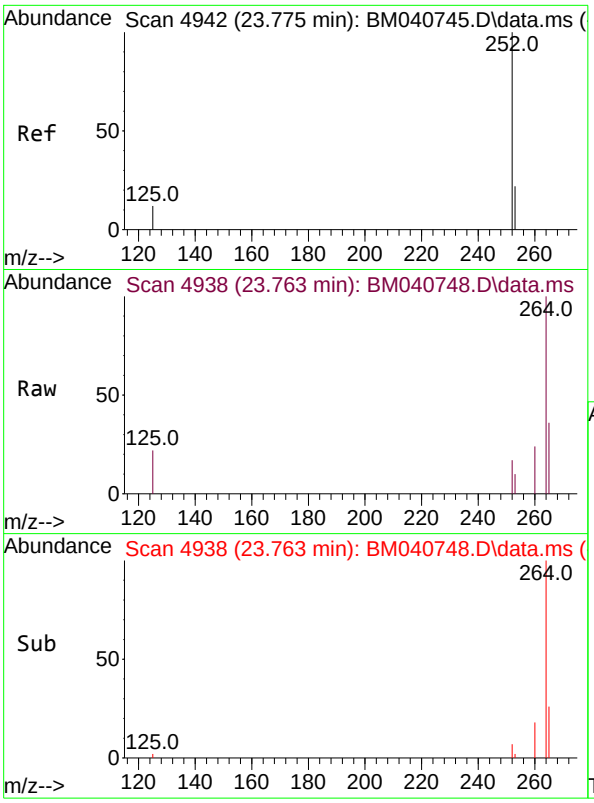


#24
Benzo(b)fluoranthene
Concen: 0.283 ng/ul
RT: 23.138 min Scan# 4724
Delta R.T. -0.015 min
Lab File: BM040748.D
Acq: 08 Jul 2023 20:24

Tgt Ion:252 Resp: 12355

Ion	Ratio	Lower	Upper
252	100		
253	90.5	0.0	52.8#
125	89.8	0.0	43.0#



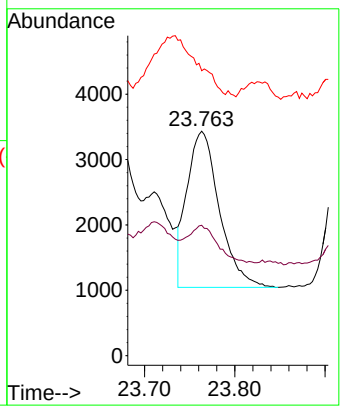


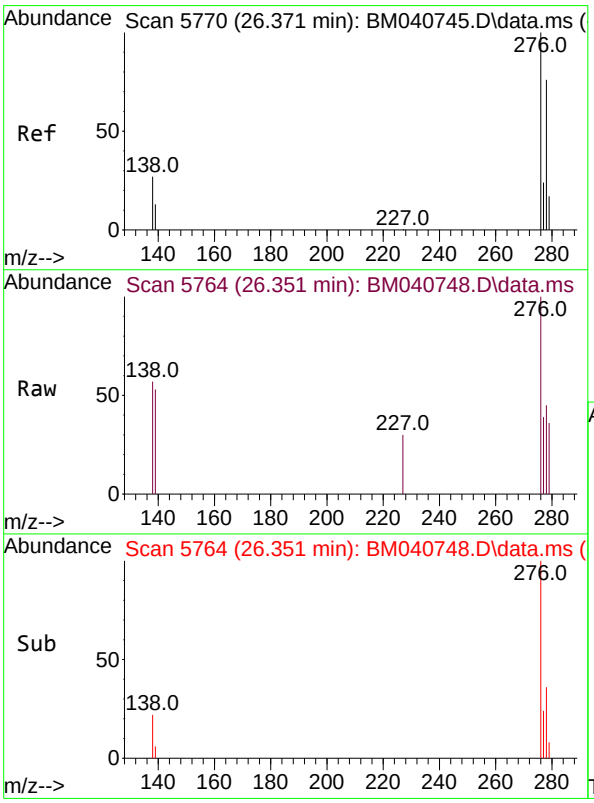
#26
Benzo(a)pyrene
Concen: 0.151 ng/ul
RT: 23.763 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM040748.D
Acq: 08 Jul 2023 20:24

Instrument :
BNA_M
ClientSampleId :
YBW13

Tgt Ion:252 Resp: 5938

Ion	Ratio	Lower	Upper
252	100		
253	58.0	22.9	34.3#
125	126.9	21.0	31.4#

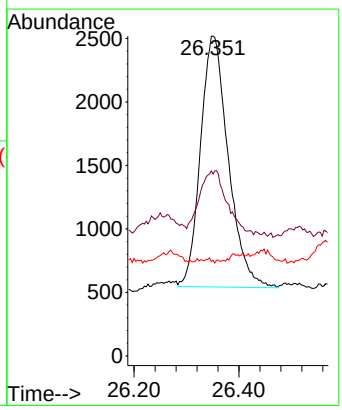


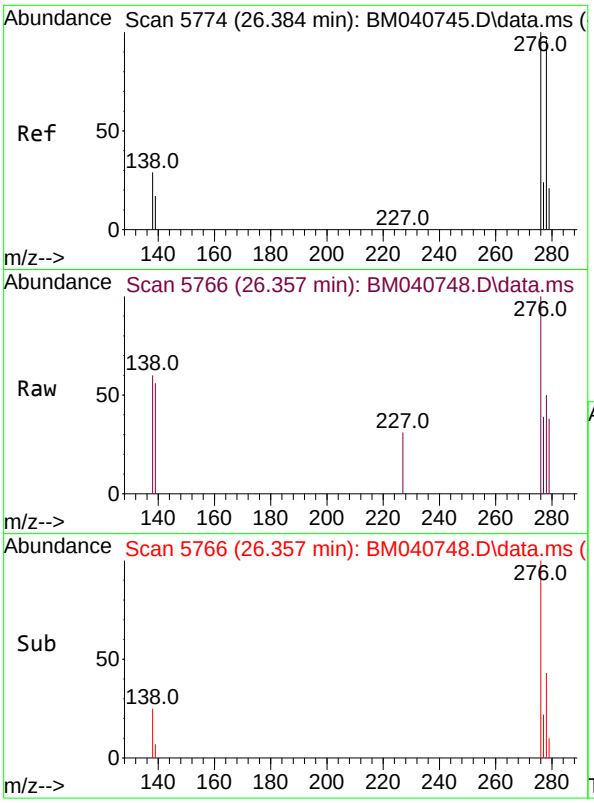


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.133 ng/ul
RT: 26.351 min Scan# 5764
Delta R.T. -0.027 min
Lab File: BM040748.D
Acq: 08 Jul 2023 20:24

Tgt Ion:276 Resp: 7281

Ion	Ratio	Lower	Upper
276	100		
138	25.3	24.5	36.7
227	0.2	0.1	0.1#



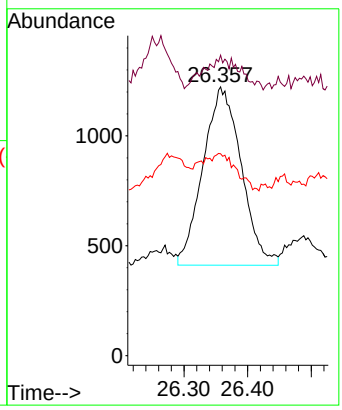


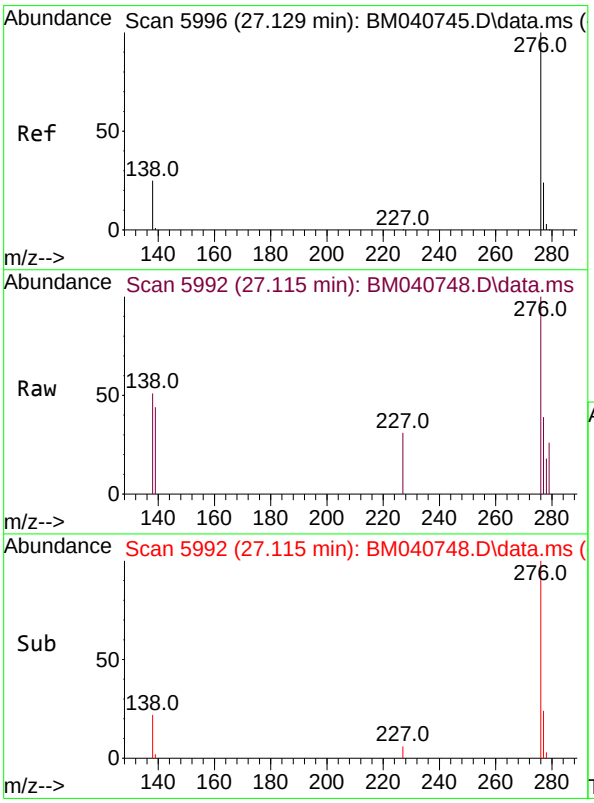
#28
Dibenzo(a,h)anthracene
Concen: 0.079 ng/ul
RT: 26.357 min Scan# 5
Delta R.T. -0.030 min
Lab File: BM040748.D
Acq: 08 Jul 2023 20:24

Instrument :
BNA_M
ClientSampleId :
YBW13

Tgt Ion:278 Resp: 3387

Ion	Ratio	Lower	Upper
278	100		
139	111.8	17.9	26.9#
279	75.1	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.183 ng/ul
RT: 27.115 min Scan# 5992
Delta R.T. -0.020 min
Lab File: BM040748.D
Acq: 08 Jul 2023 20:24

Tgt Ion:276 Resp: 8799

Ion	Ratio	Lower	Upper
276	100		
138	51.4	23.0	34.6#
277	38.7	20.3	30.5#