Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
Data File : BM040474.D
Acq On : 30 Jun 2023 16:29
Operator : MA/JU
Sample : 03161-09DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFW5DL

Quant Time: Jul 01 03:03:54 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 01 03:00:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	1901	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.751	136	7263	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.582	164	3562	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	6847	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	4173	0.400	ng/ul	# 0.00
23) Perylene-d12	23.923	264	3825	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	5044	1.689	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	1184	0.116	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	1836	0.137	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.795	128	2991	0.149	ng/ul#	84
7) 2-Methylnaphthalene	12.411	142	1282	0.109	ng/ul	100
8) 1-Methylnaphthalene	12.626	142	766	0.065	ng/ul	99
10) Acenaphthylene	14.300	152	3938	0.247	ng/ul#	89
11) Acenaphthene	14.642	153	632	0.047	ng/ul#	91
12) Fluorene	15.632	166	638	0.044	ng/ul#	85
15) Phenanthrene	17.370	178	12049	0.567	ng/ul	98
16) Anthracene	17.459	178	4575	0.256	ng/ul#	89
19) Fluoranthene	19.384	202	31866	1.798	ng/ul	97
20) Pyrene	19.747	202	27930	1.470	ng/ul	99
21) Benzo(a)anthracene	21.492	228	17503	1.240	ng/ul	96
22) Chrysene	21.544	228	25247	1.568	ng/ul	98
24) Benzo(b)fluoranthene	23.187	252	38440	2.597	ng/ul	99
26) Benzo(a)pyrene	23.812	252	21236	1.593	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.421	276	18783	1.011	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.431	278	4653	0.320	ng/ul#	62
29) Benzo(g,h,i)perylene	27.199	276	16623	1.021	ng/ul	97

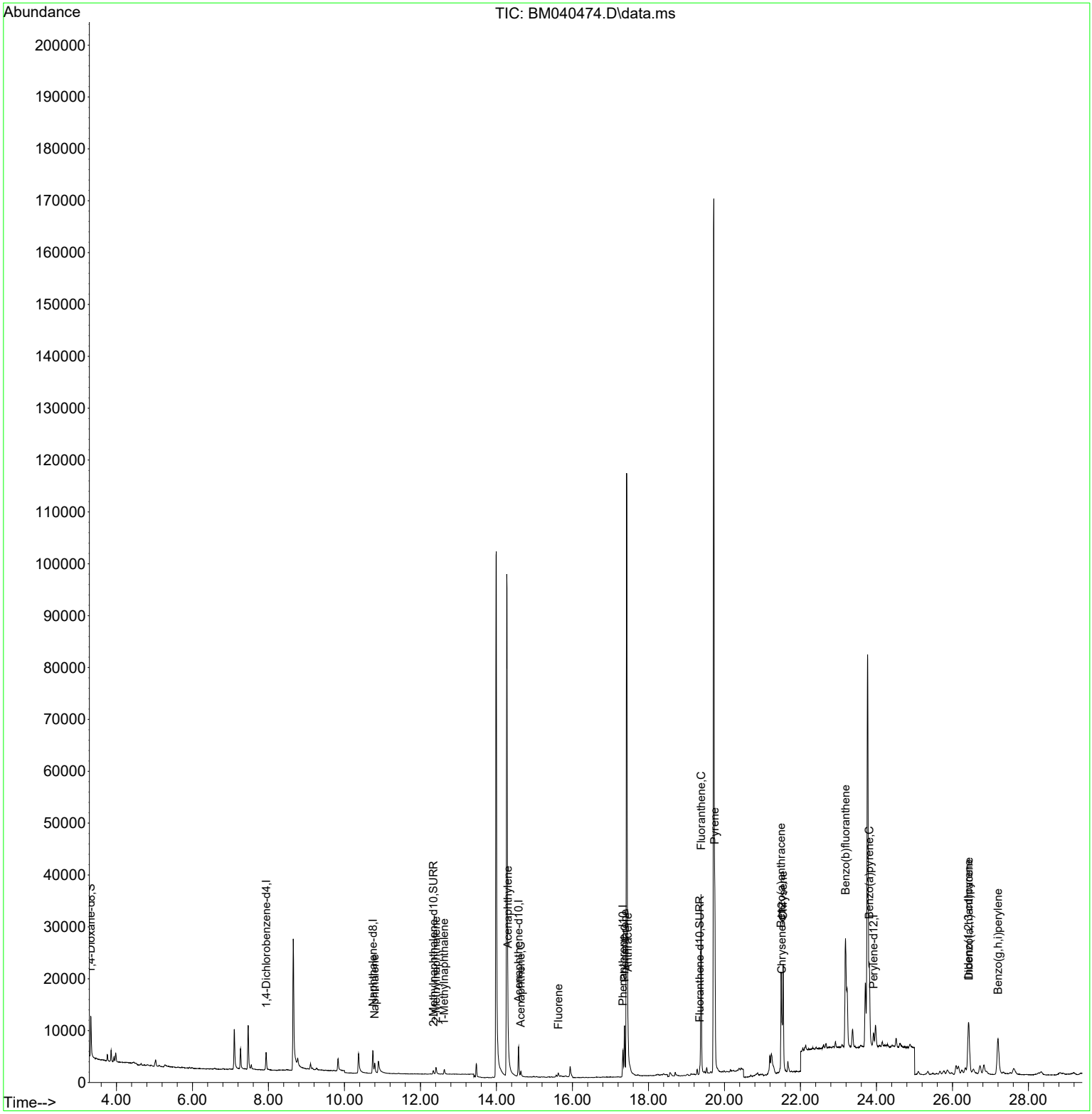
(#) = qualifier out of range (m) = manual integration (+) = signals summed

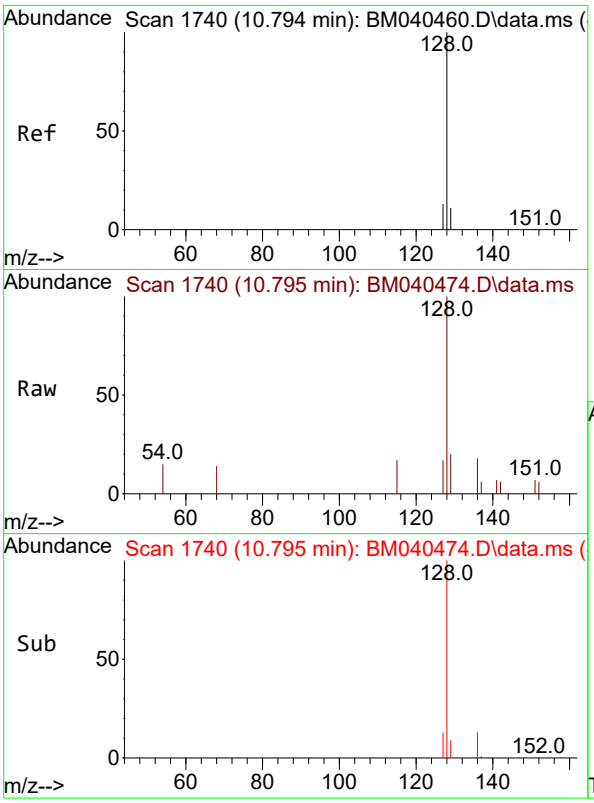
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
Data File : BM040474.D
Acq On : 30 Jun 2023 16:29
Operator : MA/JU
Sample : 03161-09DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFW5DL

Quant Time: Jul 01 03:03:54 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 01 03:00:05 2023
Response via : Initial Calibration



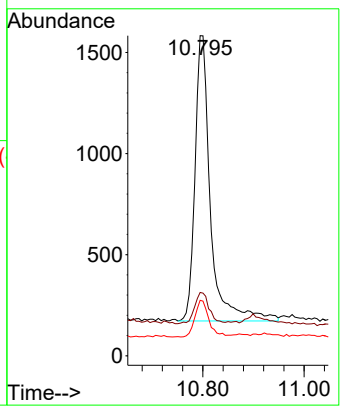


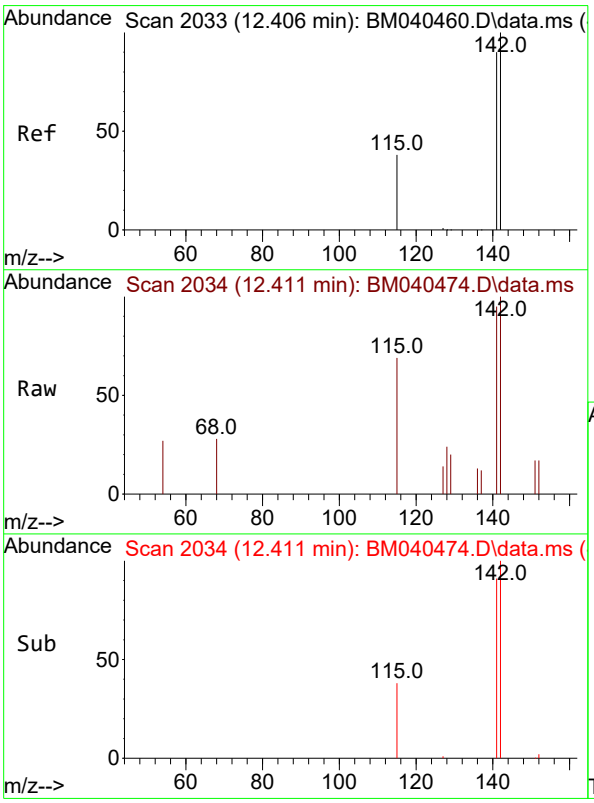
#5
Naphthalene
Concen: 0.149 ng/ul
RT: 10.795 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM040474.D
Acq: 30 Jun 2023 16:29

Instrument :
BNA_M
ClientSampleId :
DCFW5DL

Tgt Ion:128 Resp: 2991

Ion	Ratio	Lower	Upper
128	100		
129	19.8	9.2	13.8#
127	17.3	10.6	15.8#

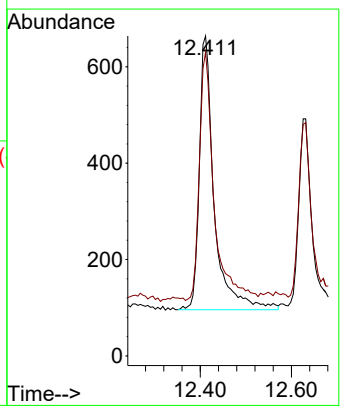


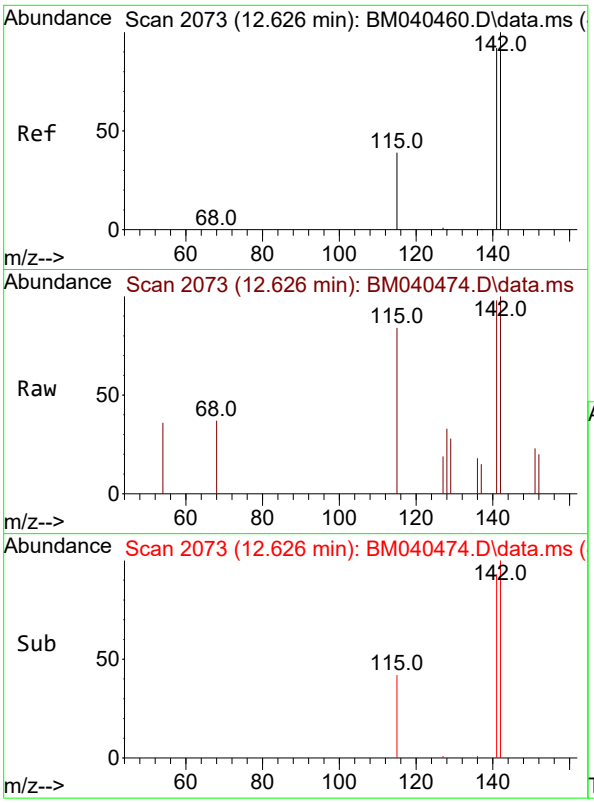


#7
2-Methylnaphthalene
Concen: 0.109 ng/ul
RT: 12.411 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BM040474.D
Acq: 30 Jun 2023 16:29

Tgt Ion:142 Resp: 1282

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.9	107.9



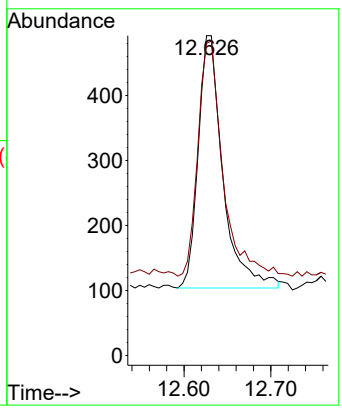


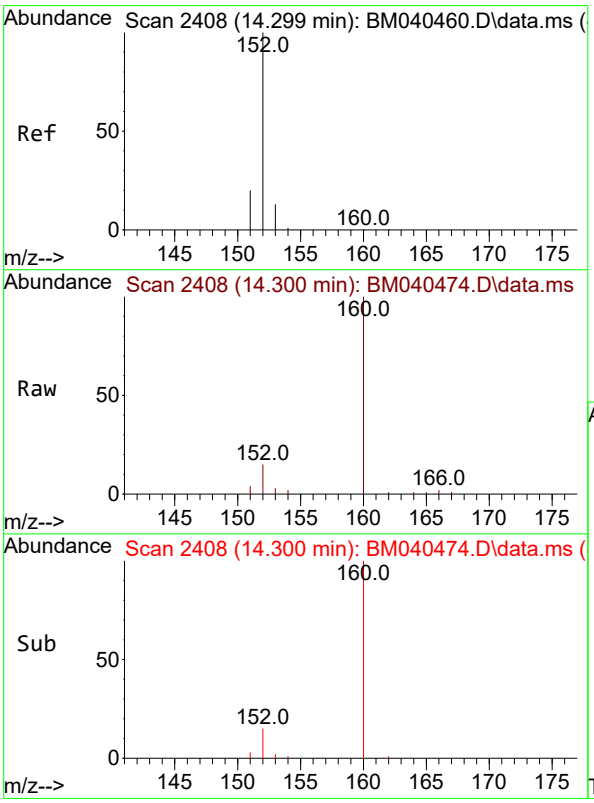
#8
1-Methylnaphthalene
Concen: 0.065 ng/ul
RT: 12.626 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM040474.D
Acq: 30 Jun 2023 16:29

Instrument :
BNA_M
ClientSampleId :
DCFW5DL

Tgt Ion:142 Resp: 766

Ion	Ratio	Lower	Upper
142	100		
141	93.5	73.7	110.5

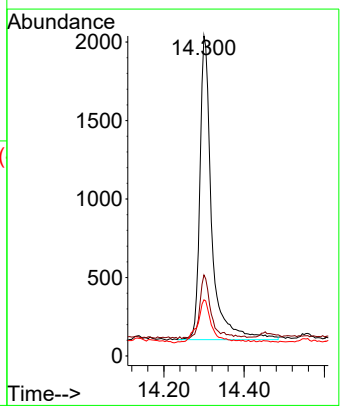


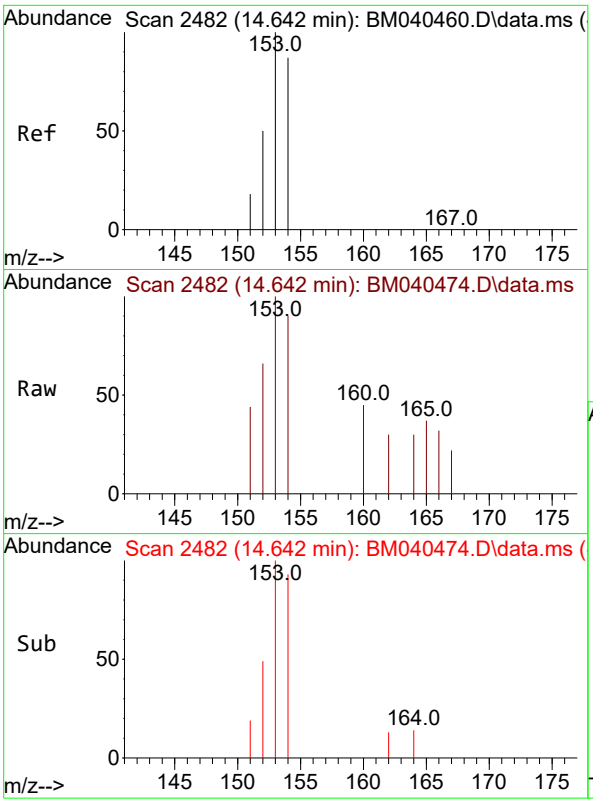


#10
Acenaphthylene
Concen: 0.247 ng/ul
RT: 14.300 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM040474.D
Acq: 30 Jun 2023 16:29

Tgt Ion:152 Resp: 3938

Ion	Ratio	Lower	Upper
152	100		
151	25.3	16.2	24.2#
153	17.6	10.9	16.3#



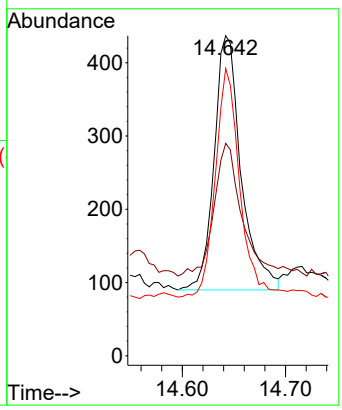


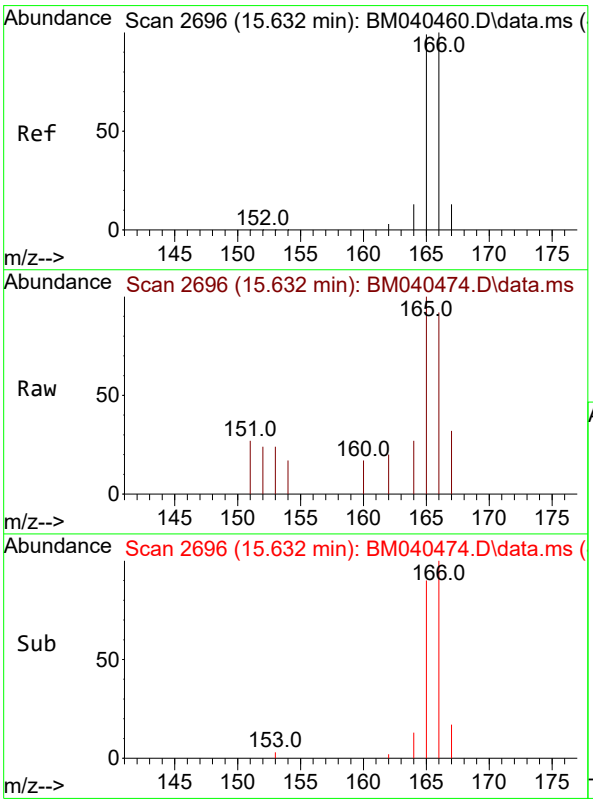
#11
Acenaphthene
Concen: 0.047 ng/ul
RT: 14.642 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM040474.D
Acq: 30 Jun 2023 16:29

Instrument :
BNA_M
ClientSampleId :
DCFW5DL

Tgt Ion:153 Resp: 632

Ion	Ratio	Lower	Upper
153	100		
152	66.4	41.0	61.4#
154	89.7	70.8	106.2

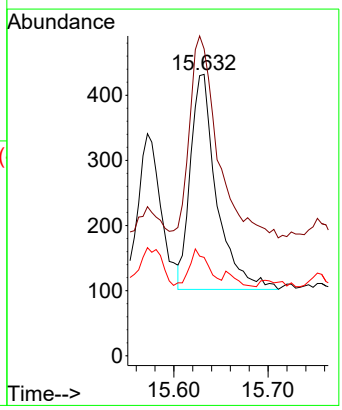


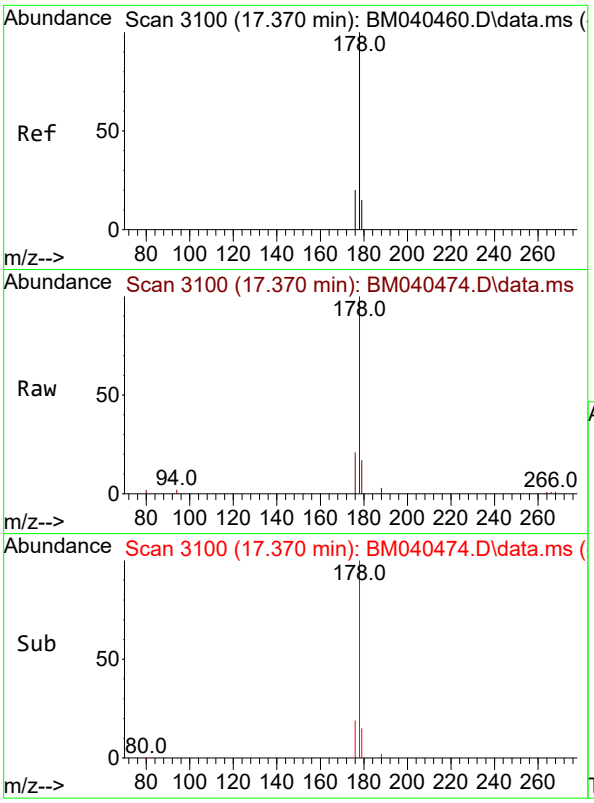


#12
Fluorene
Concen: 0.044 ng/ul
RT: 15.632 min Scan# 2696
Delta R.T. 0.000 min
Lab File: BM040474.D
Acq: 30 Jun 2023 16:29

Tgt Ion:166 Resp: 638

Ion	Ratio	Lower	Upper
166	100		
165	109.0	79.6	119.4
167	35.0	11.4	17.0#



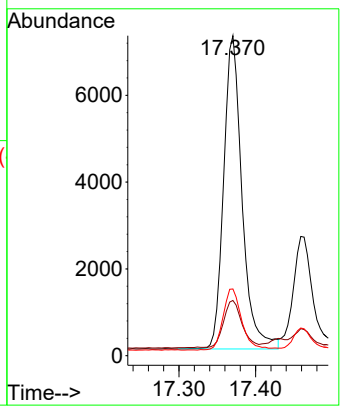


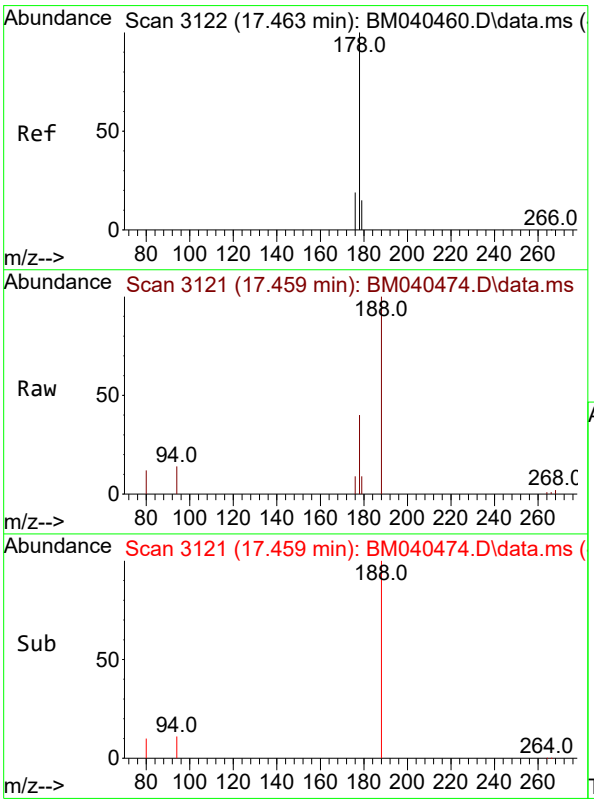
#15
Phenanthrene
Concen: 0.567 ng/ul
RT: 17.370 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM040474.D
Acq: 30 Jun 2023 16:29

Instrument :
BNA_M
ClientSampleId :
DCFW5DL

Tgt Ion:178 Resp: 12049

Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.8	19.2
176	20.8	16.4	24.6

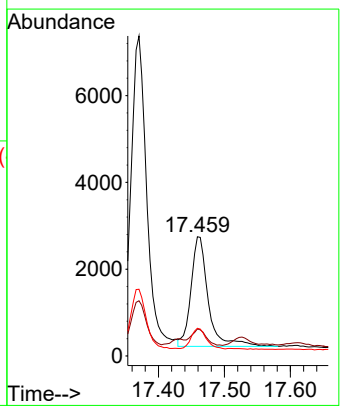


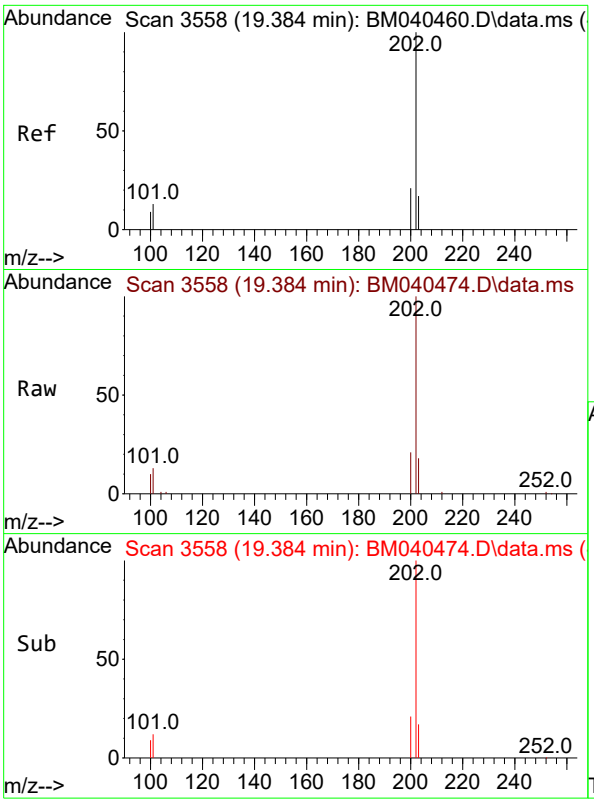


#16
Anthracene
Concen: 0.256 ng/ul
RT: 17.459 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BM040474.D
Acq: 30 Jun 2023 16:29

Tgt Ion:178 Resp: 4575

Ion	Ratio	Lower	Upper
178	100		
179	22.7	12.9	19.3#
176	23.2	15.8	23.6



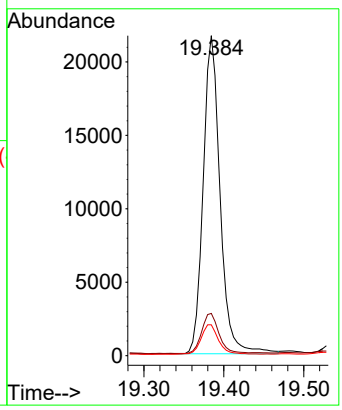


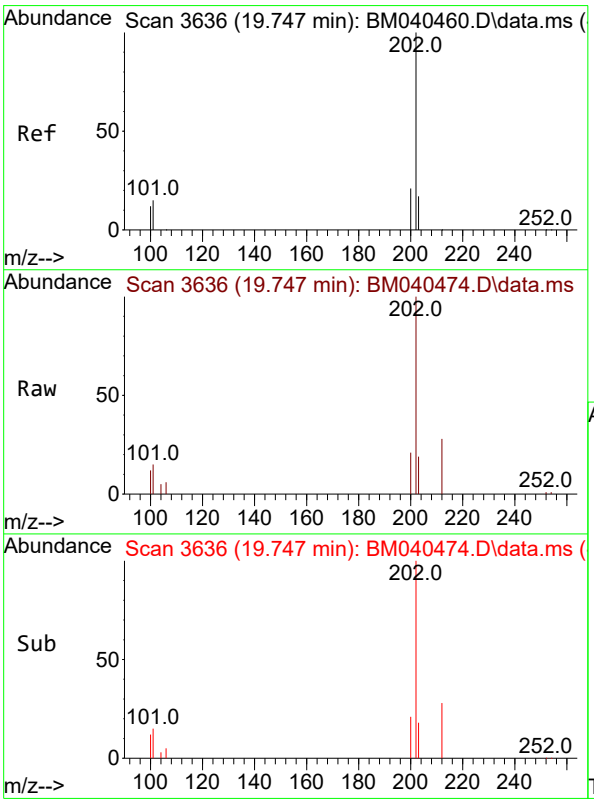
#19
Fluoranthene
Concen: 1.798 ng/ul
RT: 19.384 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM040474.D
Acq: 30 Jun 2023 16:29

Instrument :
BNA_M
ClientSampleId :
DCFW5DL

Tgt Ion:202 Resp: 31866

Ion	Ratio	Lower	Upper
202	100		
101	13.2	11.4	17.0
100	9.7	8.7	13.1

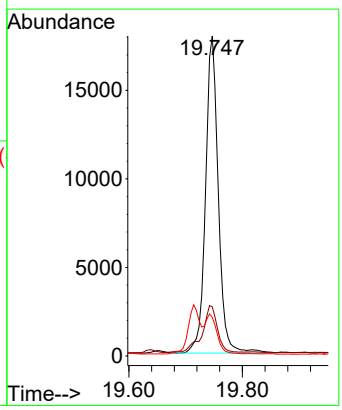


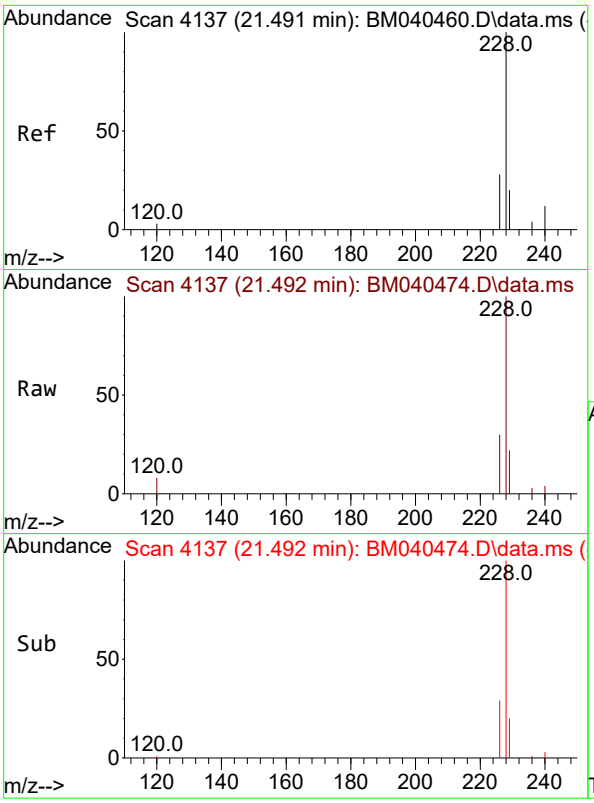


#20
Pyrene
Concen: 1.470 ng/ul
RT: 19.747 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BM040474.D
Acq: 30 Jun 2023 16:29

Tgt Ion:202 Resp: 27930

Ion	Ratio	Lower	Upper
202	100		
101	15.4	12.6	18.8
100	12.0	9.8	14.6



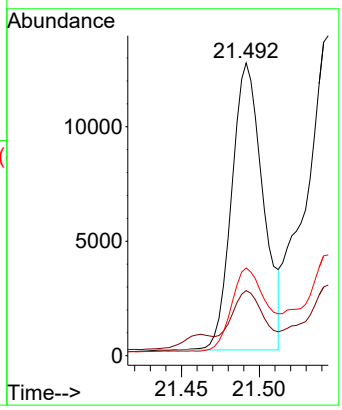


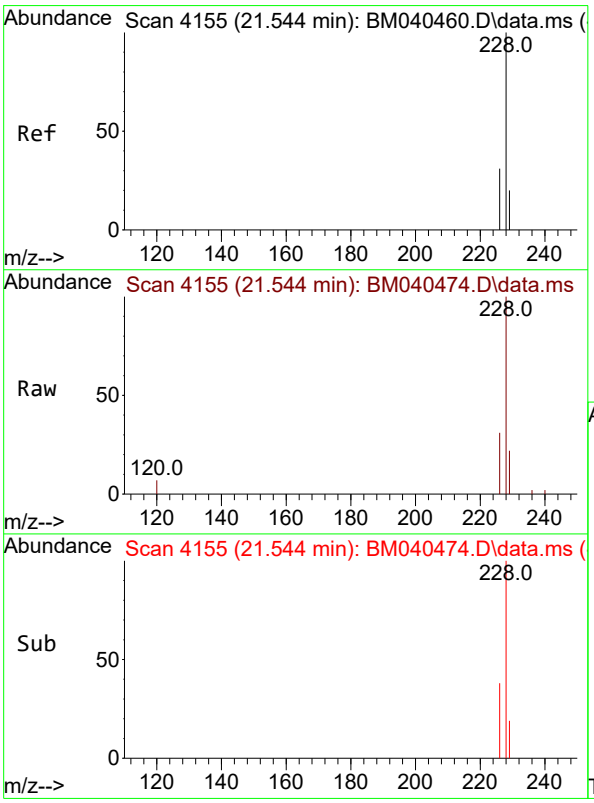
#21
Benzo(a)anthracene
Concen: 1.240 ng/ul
RT: 21.492 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM040474.D
Acq: 30 Jun 2023 16:29

Instrument :
BNA_M
ClientSampleId :
DCFW5DL

Tgt Ion:228 Resp: 17503

Ion	Ratio	Lower	Upper
228	100		
229	22.2	16.0	24.0
226	29.9	22.3	33.5

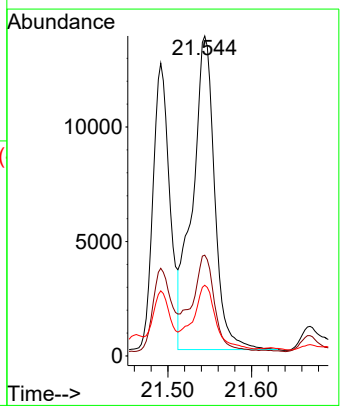


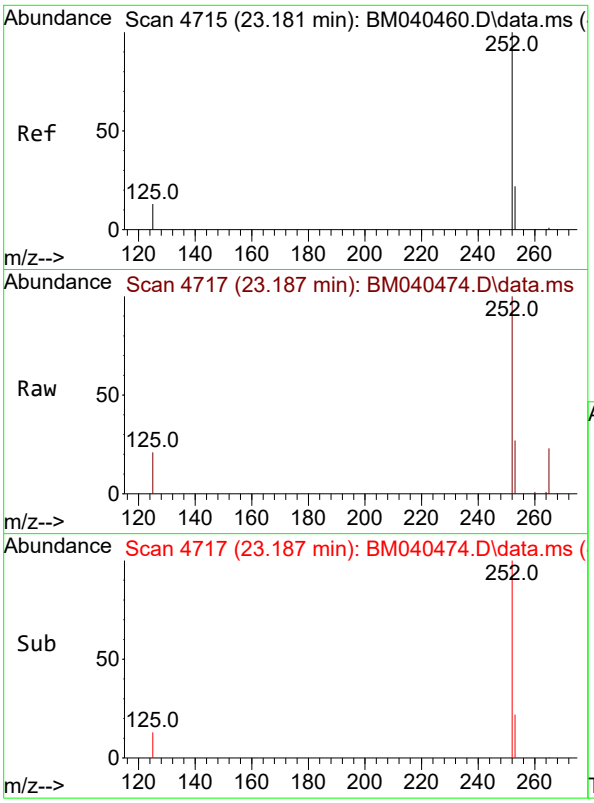


#22
Chrysene
Concen: 1.568 ng/ul
RT: 21.544 min Scan# 4155
Delta R.T. 0.000 min
Lab File: BM040474.D
Acq: 30 Jun 2023 16:29

Tgt Ion:228 Resp: 25247

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	22.1	15.8	23.6



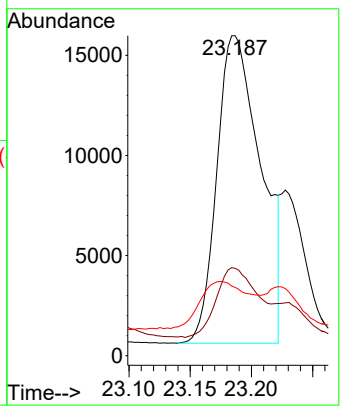


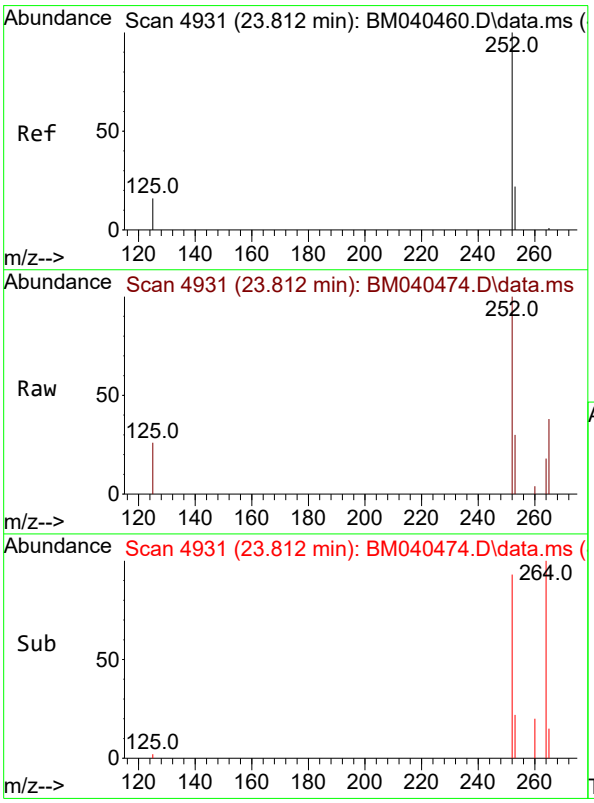
#24
Benzo(b)fluoranthene
Concen: 2.597 ng/ul
RT: 23.187 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM040474.D
Acq: 30 Jun 2023 16:29

Instrument :
BNA_M
ClientSampleId :
DCFW5DL

Tgt Ion:252 Resp: 38440

Ion	Ratio	Lower	Upper
252	100		
253	27.3	0.0	52.8
125	21.3	0.0	43.0

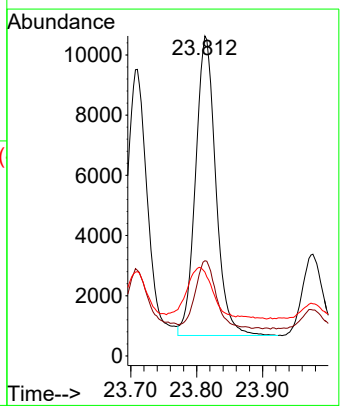


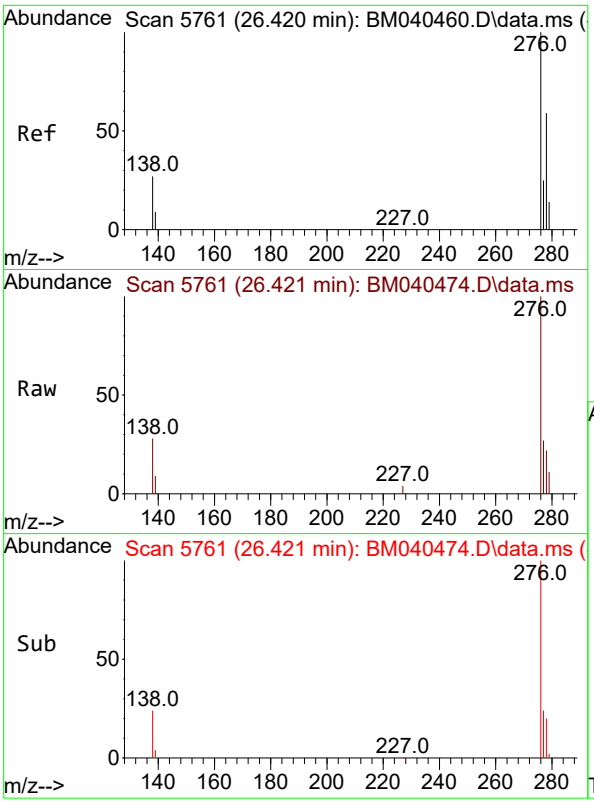


#26
Benzo(a)pyrene
Concen: 1.593 ng/ul
RT: 23.812 min Scan# 4931
Delta R.T. 0.000 min
Lab File: BM040474.D
Acq: 30 Jun 2023 16:29

Tgt Ion:252 Resp: 21236

Ion	Ratio	Lower	Upper
252	100		
253	29.7	22.9	34.3
125	26.2	21.0	31.4



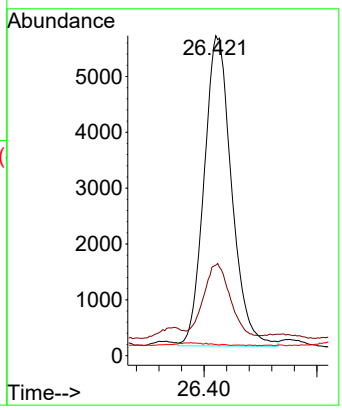


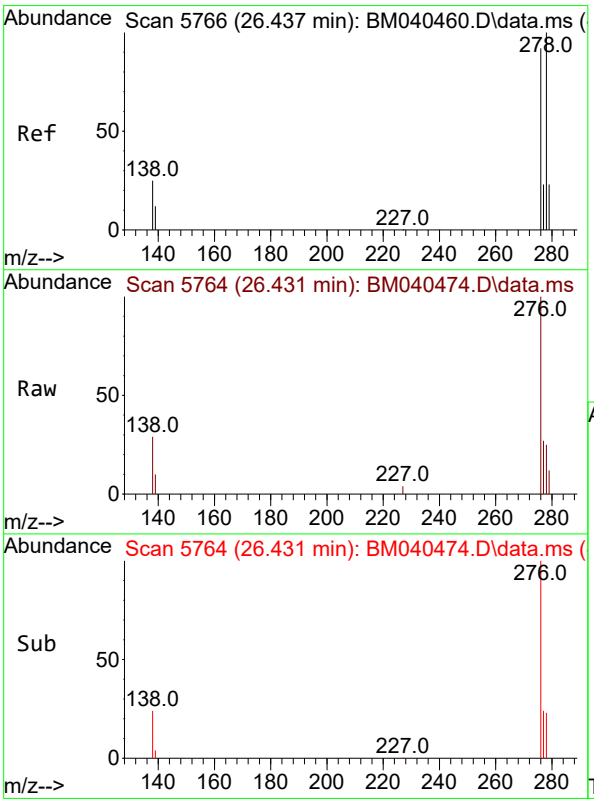
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.011 ng/ul
RT: 26.421 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM040474.D
Acq: 30 Jun 2023 16:29

Instrument :
BNA_M
ClientSampleId :
DCFW5DL

Tgt Ion:276 Resp: 18783

Ion	Ratio	Lower	Upper
276	100		
138	24.1	24.5	36.7#
227	0.1	0.1	0.1#

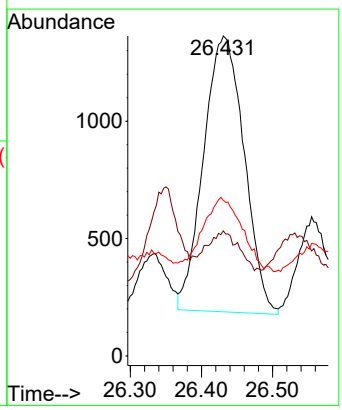


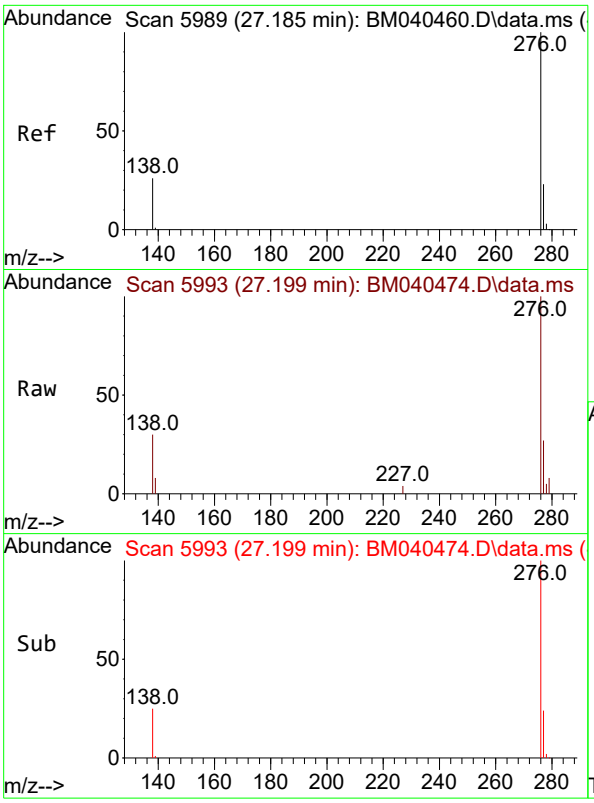


#28
Dibenzo(a,h)anthracene
Concen: 0.320 ng/ul
RT: 26.431 min Scan# 5764
Delta R.T. -0.006 min
Lab File: BM040474.D
Acq: 30 Jun 2023 16:29

Tgt Ion:278 Resp: 4653

Ion	Ratio	Lower	Upper
278	100		
139	39.1	17.9	26.9#
279	48.6	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 1.021 ng/ul
RT: 27.199 min Scan# 5
Delta R.T. 0.014 min
Lab File: BM040474.D
Acq: 30 Jun 2023 16:29

Instrument :
BNA_M
ClientSampleId :
DCFW5DL

Tgt Ion:276 Resp: 16623

Ion	Ratio	Lower	Upper
276	100		
138	30.5	23.0	34.6
277	26.8	20.3	30.5