Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
Data File : BM041848.D
Acq On : 14 Sep 2023 02:10
Operator : MA/JU
Sample : 04235-11DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EZYW8DL

Quant Time: Sep 14 03:39:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 13 16:15:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	11057	0.400	ng/ul	0.00
4) Naphthalene-d8	10.785	136	29172	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.615	164	16394	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	32691	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.542	240	16460	0.400	ng/ul	# 0.00
23) Perylene-d12	23.962	264	15224	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	3628	0.258	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	1231	0.031	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	1544	0.027	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.834	128	15040	0.153	ng/ul	97
7) 2-Methylnaphthalene	12.440	142	85310	1.444	ng/ul	100
8) 1-Methylnaphthalene	12.660	142	85646	1.421	ng/ul	100
10) Acenaphthylene	14.328	152	4834	0.047	ng/ul#	1
11) Acenaphthene	14.685	153	5299	0.067	ng/ul#	49
12) Fluorene	15.679	166	3859	0.042	ng/ul#	1
15) Phenanthrene	17.409	178	194741	1.365	ng/ul	99
16) Anthracene	17.502	178	6310	0.051	ng/ul#	49
19) Fluoranthene	19.417	202	225845	1.771	ng/ul	99
20) Pyrene	19.785	202	161108	1.207	ng/ul	99
21) Benzo(a)anthracene	21.524	228	34449	0.317	ng/ul#	87
22) Chrysene	21.577	228	92672	0.834	ng/ul#	95
24) Benzo(b)fluoranthene	23.216	252	92219	0.851	ng/ul#	7
26) Benzo(a)pyrene	23.857	252	19950	0.242	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.468	276	37470	0.295	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.485	278	10075	0.108	ng/ul#	1
29) Benzo(g,h,i)perylene	27.253	276	41547	0.387	ng/ul#	68

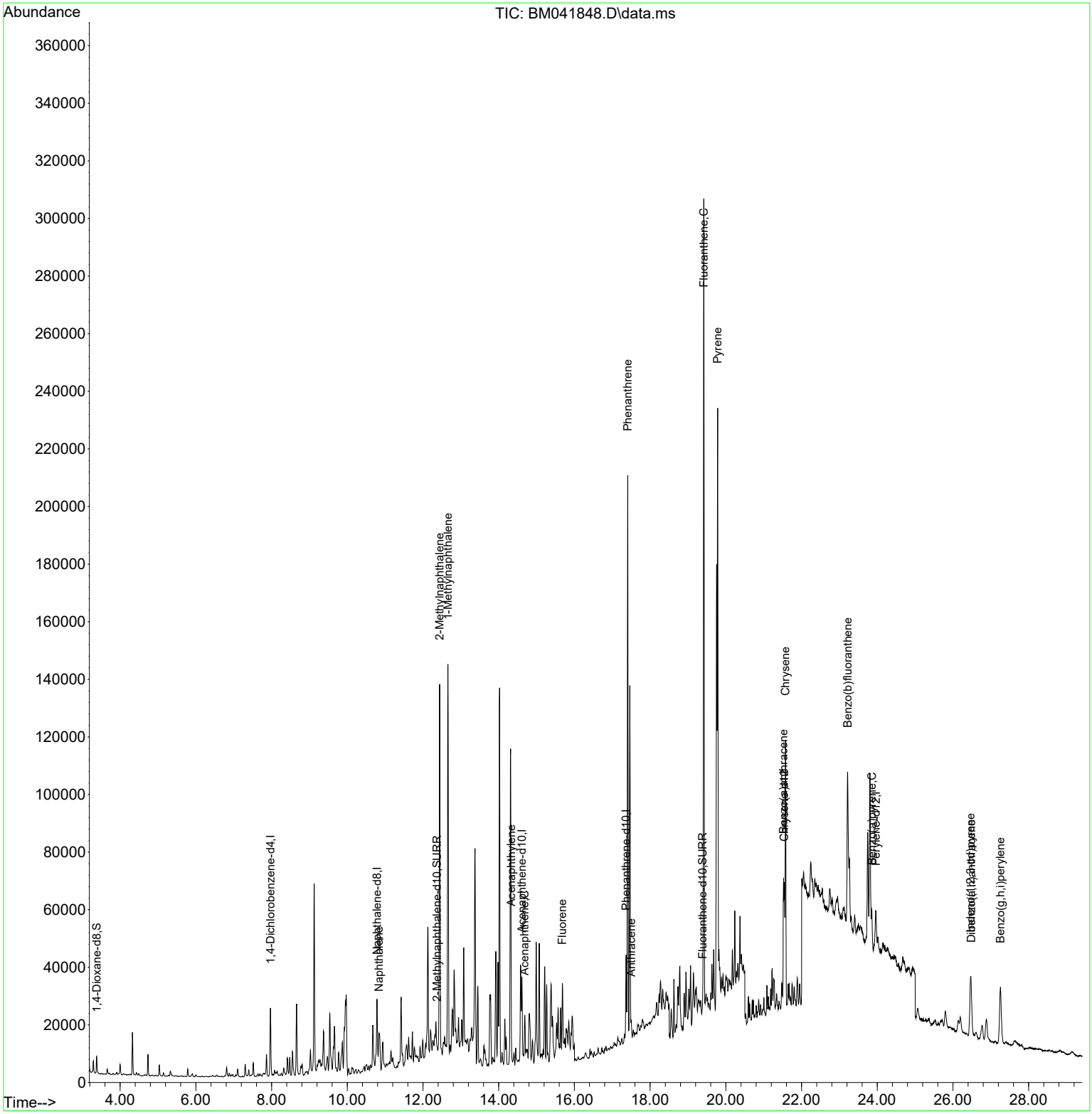
(#) = qualifier out of range (m) = manual integration (+) = signals summed

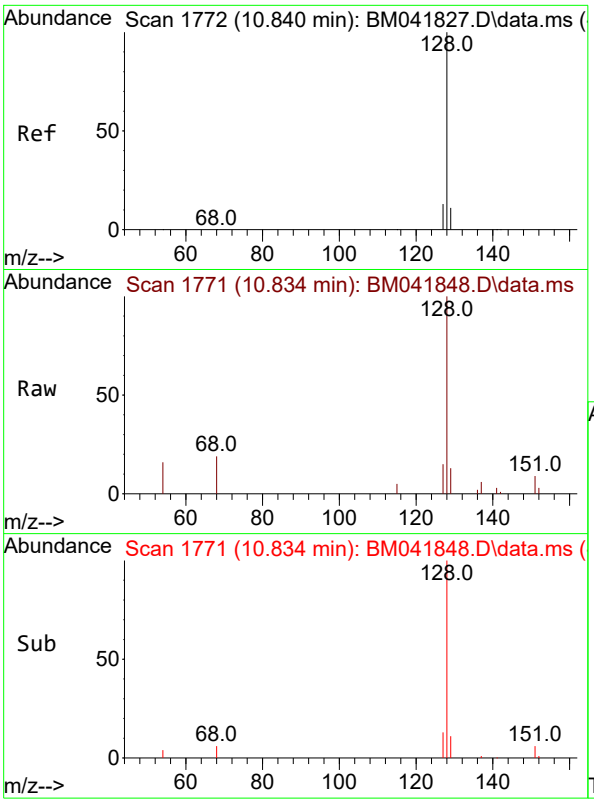
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
Data File : BM041848.D
Acq On : 14 Sep 2023 02:10
Operator : MA/JU
Sample : 04235-11DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EZYW8DL

Quant Time: Sep 14 03:39:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 13 16:15:23 2023
Response via : Initial Calibration



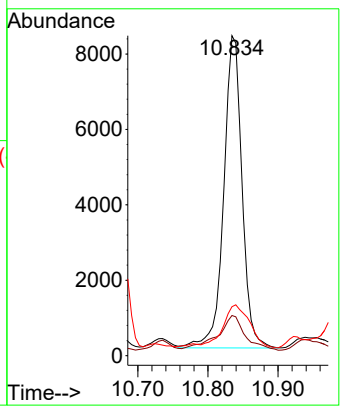


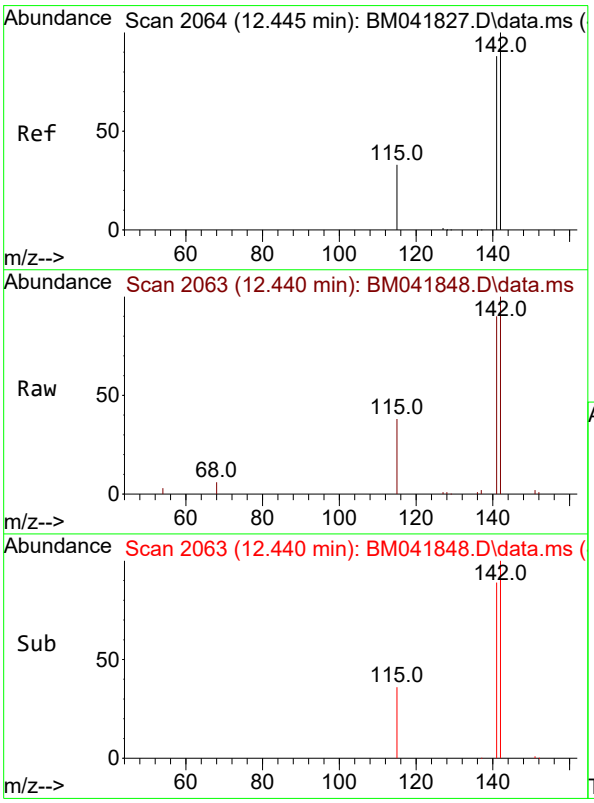
#5
Naphthalene
Concen: 0.153 ng/ul
RT: 10.834 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041848.D
Acq: 14 Sep 2023 02:10

Instrument :
BNA_M
ClientSampleId :
EZYW8DL

Tgt Ion:128 Resp: 15040

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.5	14.3
127	15.3	10.7	16.1

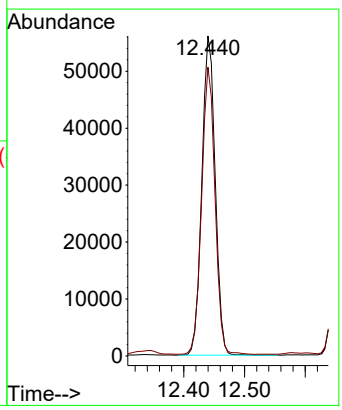


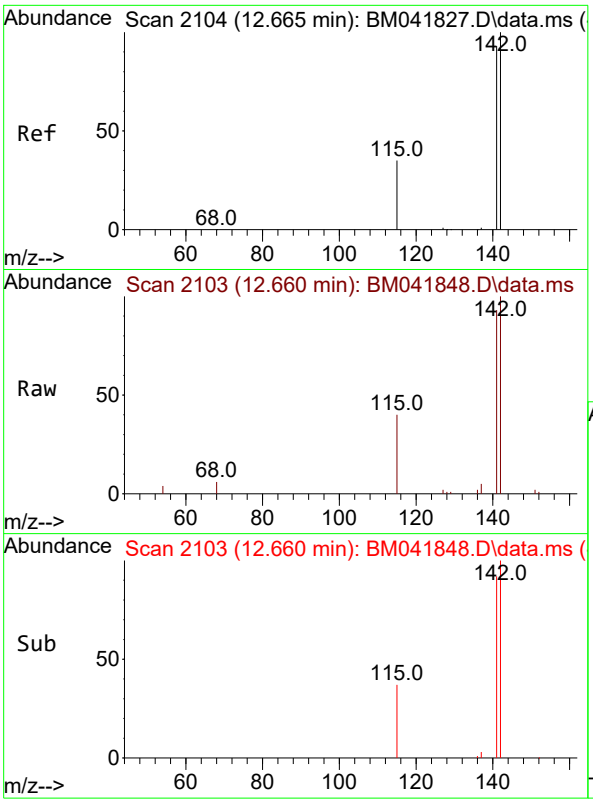


#7
2-Methylnaphthalene
Concen: 1.444 ng/ul
RT: 12.440 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BM041848.D
Acq: 14 Sep 2023 02:10

Tgt Ion:142 Resp: 85310

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.1	108.1



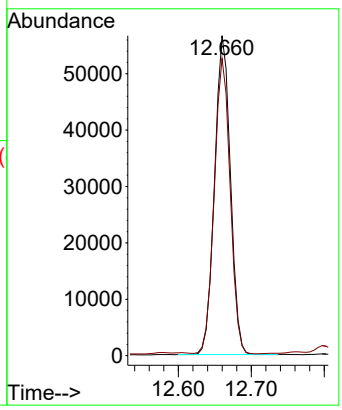


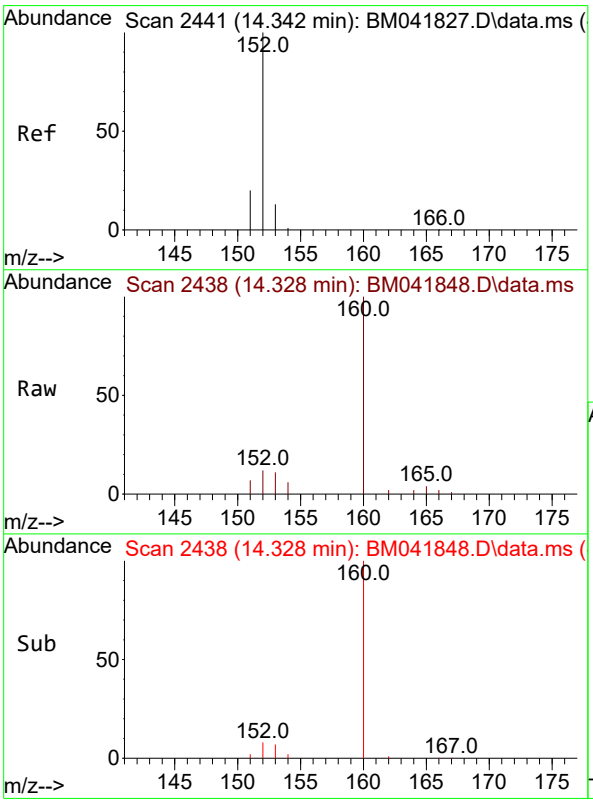
#8
1-Methylnaphthalene
Concen: 1.421 ng/ul
RT: 12.660 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041848.D
Acq: 14 Sep 2023 02:10

Instrument :
BNA_M
ClientSampleId :
EZYW8DL

Tgt Ion:142 Resp: 85646

Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.3	111.5

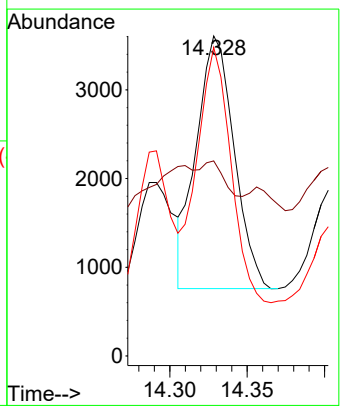


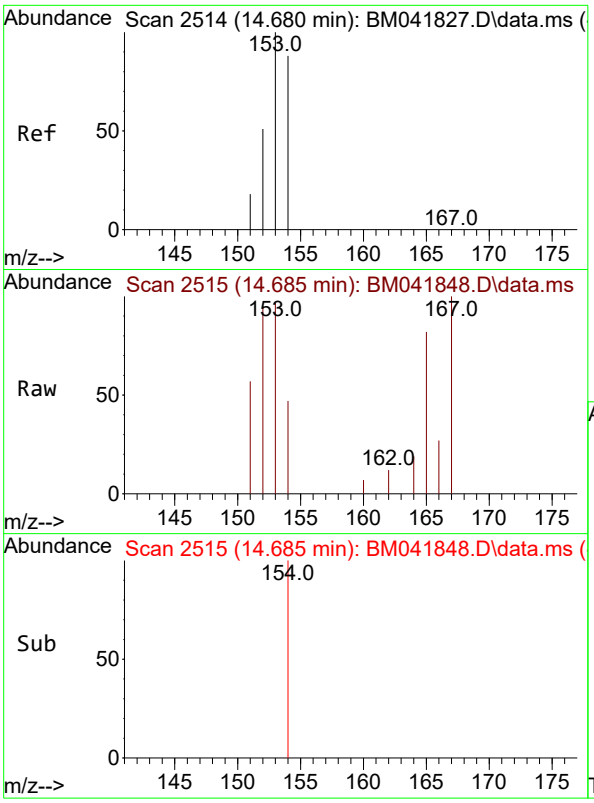


#10
Acenaphthylene
Concen: 0.047 ng/ul
RT: 14.328 min Scan# 2438
Delta R.T. -0.014 min
Lab File: BM041848.D
Acq: 14 Sep 2023 02:10

Tgt Ion:152 Resp: 4834

Ion	Ratio	Lower	Upper
152	100		
151	60.9	16.3	24.5#
153	96.4	10.9	16.3#



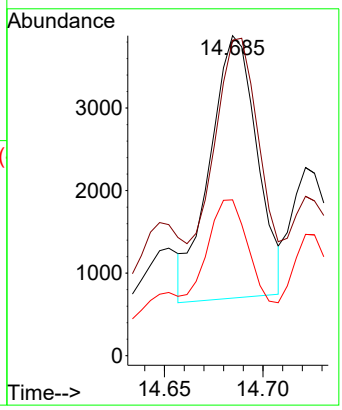


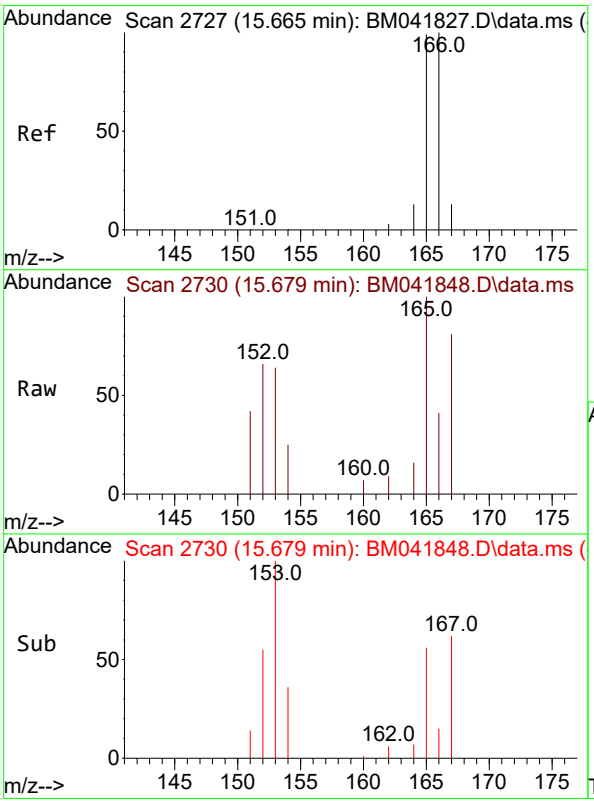
#11
Acenaphthene
Concen: 0.067 ng/ul
RT: 14.685 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM041848.D
Acq: 14 Sep 2023 02:10

Instrument :
BNA_M
ClientSampleId :
EZYW8DL

Tgt Ion:153 Resp: 5299

Ion	Ratio	Lower	Upper
153	100		
152	98.6	41.5	62.3#
154	48.7	70.7	106.1#

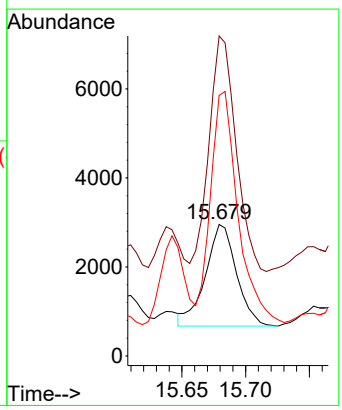


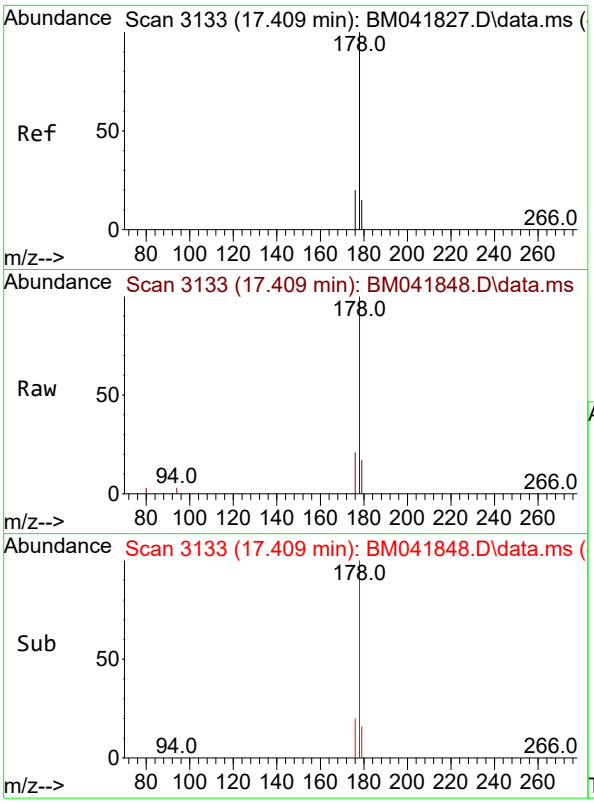


#12
Fluorene
Concen: 0.042 ng/ul
RT: 15.679 min Scan# 2730
Delta R.T. 0.014 min
Lab File: BM041848.D
Acq: 14 Sep 2023 02:10

Tgt Ion:166 Resp: 3859

Ion	Ratio	Lower	Upper
166	100		
165	243.2	79.3	118.9#
167	198.0	11.2	16.8#



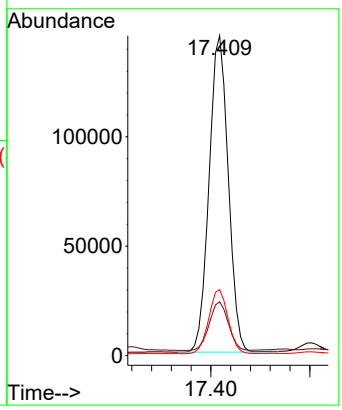


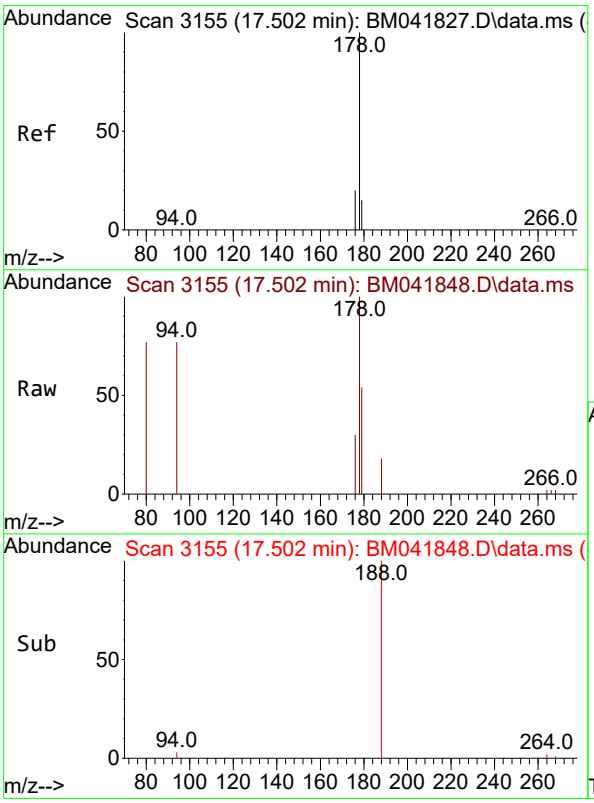
#15
Phenanthrene
Concen: 1.365 ng/ul
RT: 17.409 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM041848.D
Acq: 14 Sep 2023 02:10

Instrument :
BNA_M
ClientSampleId :
EZYW8DL

Tgt Ion:178 Resp: 194741

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.6	19.0
176	20.7	16.6	25.0

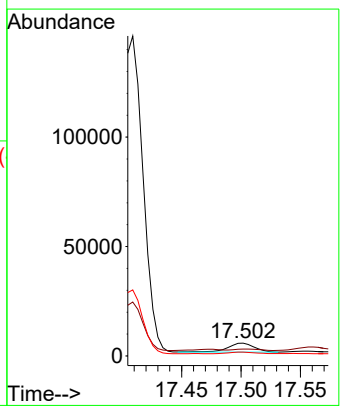


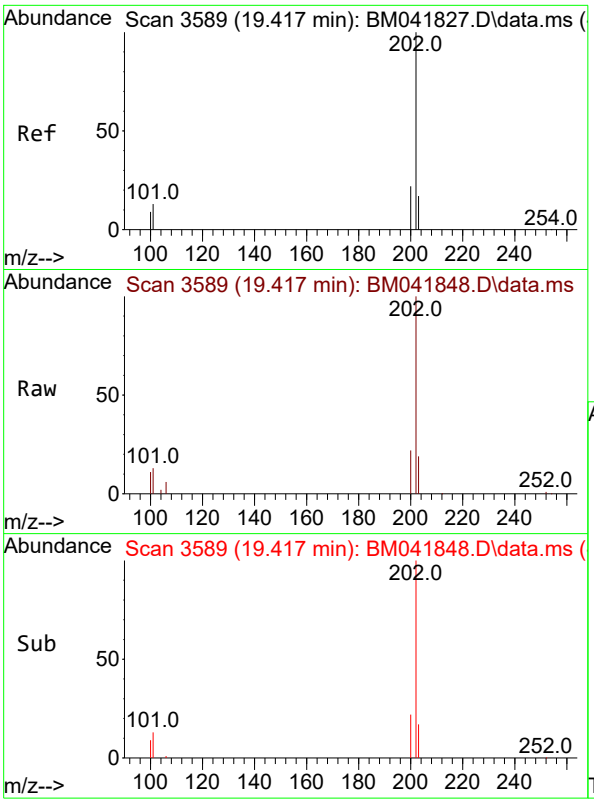


#16
Anthracene
Concen: 0.051 ng/ul
RT: 17.502 min Scan# 3155
Delta R.T. -0.000 min
Lab File: BM041848.D
Acq: 14 Sep 2023 02:10

Tgt Ion:178 Resp: 6310

Ion	Ratio	Lower	Upper
178	100		
179	53.7	12.7	19.1#
176	29.9	16.1	24.1#



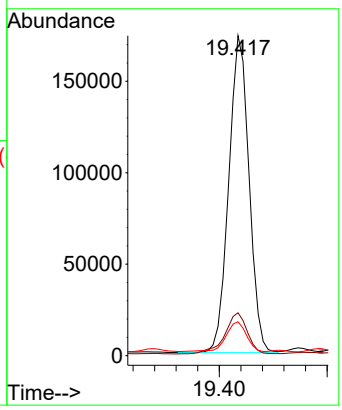


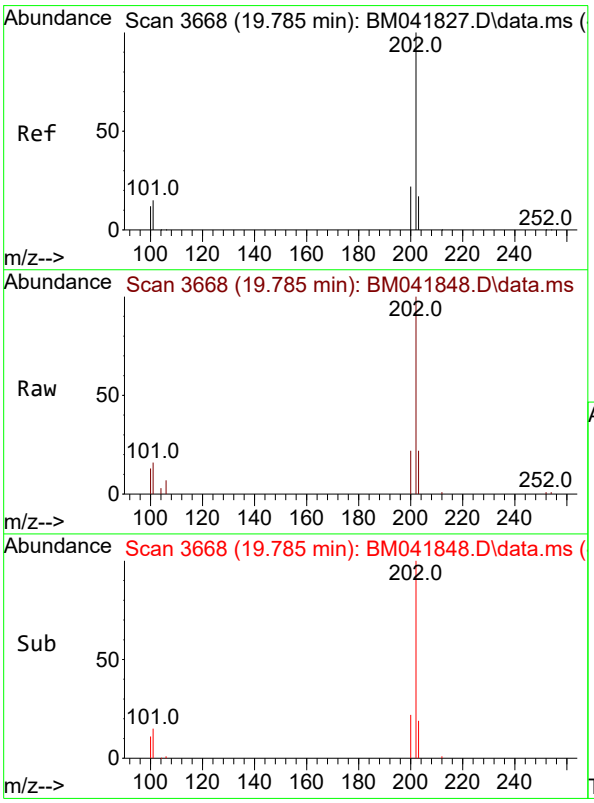
#19
Fluoranthene
Concen: 1.771 ng/ul
RT: 19.417 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM041848.D
Acq: 14 Sep 2023 02:10

Instrument :
BNA_M
ClientSampleId :
EZYW8DL

Tgt Ion:202 Resp: 225845

Ion	Ratio	Lower	Upper
202	100		
101	13.4	11.0	16.6
100	10.6	8.2	12.4

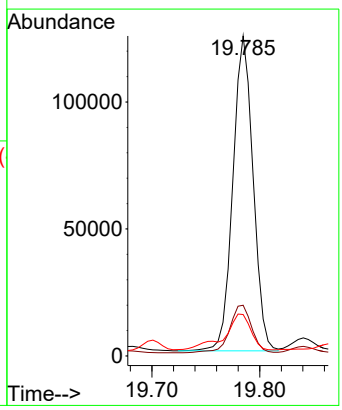


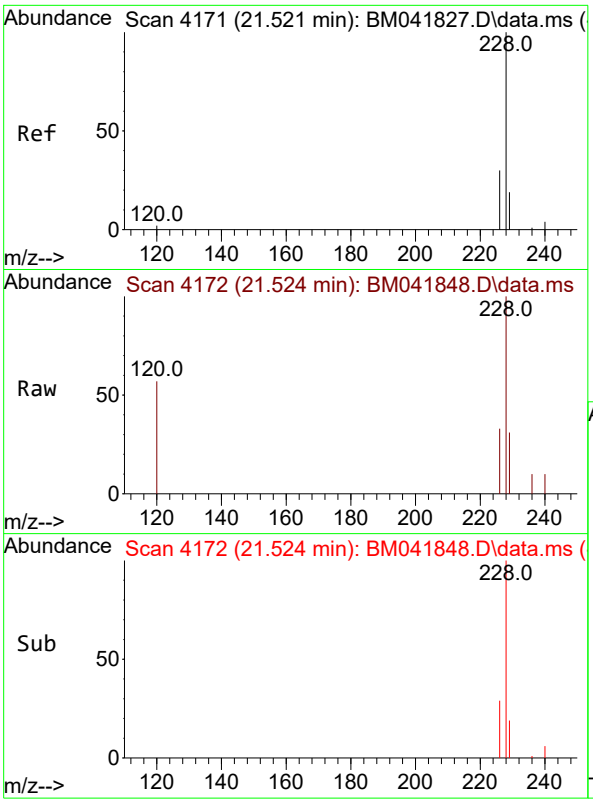


#20
Pyrene
Concen: 1.207 ng/ul
RT: 19.785 min Scan# 3668
Delta R.T. -0.000 min
Lab File: BM041848.D
Acq: 14 Sep 2023 02:10

Tgt Ion:202 Resp: 161108

Ion	Ratio	Lower	Upper
202	100		
101	15.9	12.6	19.0
100	13.0	9.9	14.9



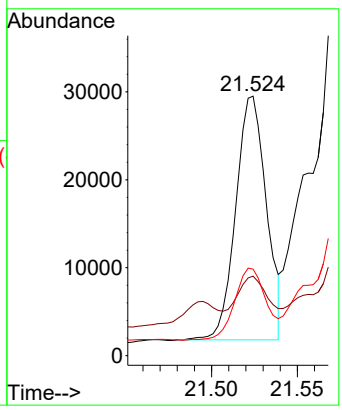


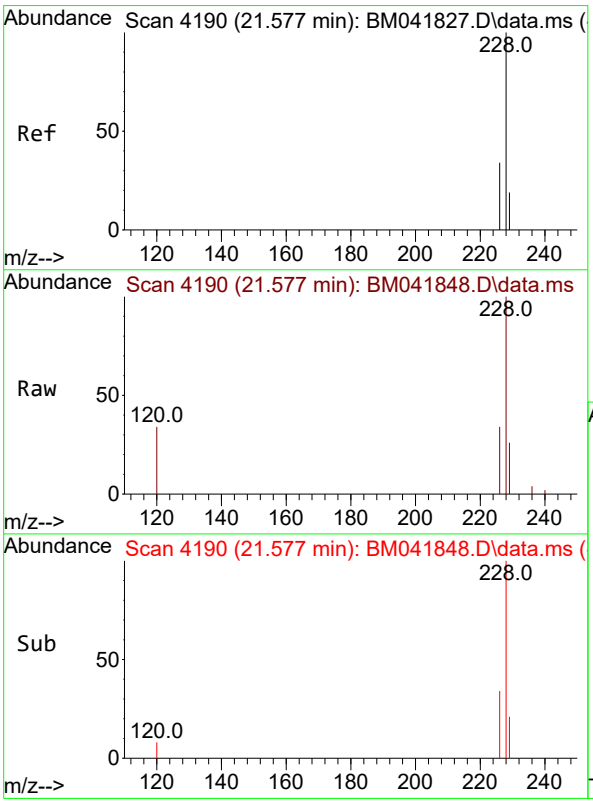
#21
Benzo(a)anthracene
Concen: 0.317 ng/ul
RT: 21.524 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM041848.D
Acq: 14 Sep 2023 02:10

Instrument :
BNA_M
ClientSampleId :
EZYW8DL

Tgt Ion:228 Resp: 34449

Ion	Ratio	Lower	Upper
228	100		
229	30.6	15.8	23.8#
226	33.4	24.3	36.5

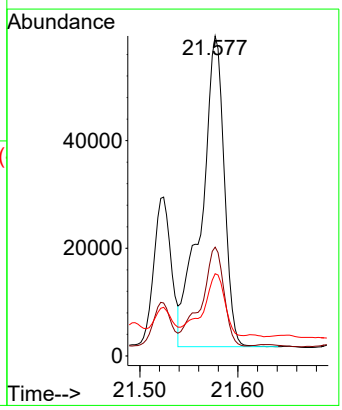


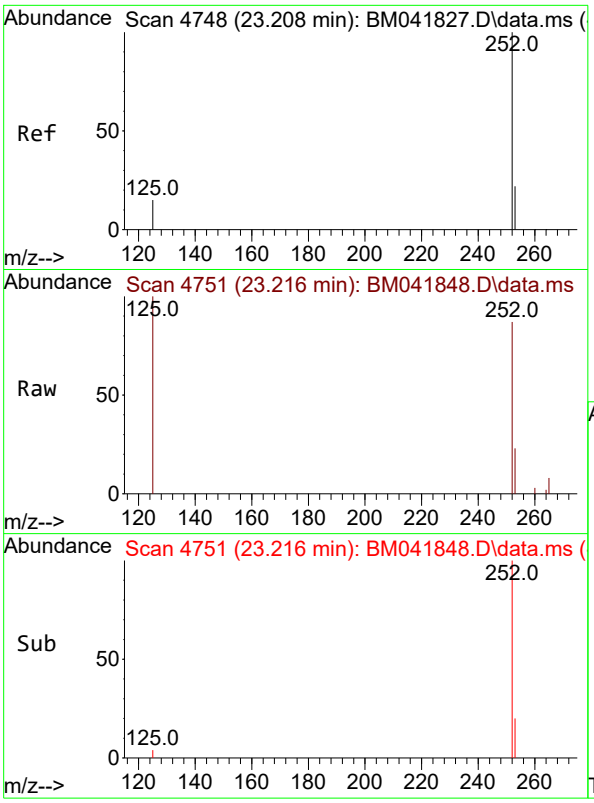


#22
Chrysene
Concen: 0.834 ng/ul
RT: 21.577 min Scan# 4190
Delta R.T. -0.000 min
Lab File: BM041848.D
Acq: 14 Sep 2023 02:10

Tgt Ion:228 Resp: 92672

Ion	Ratio	Lower	Upper
228	100		
226	34.0	27.0	40.4
229	25.7	15.7	23.5#



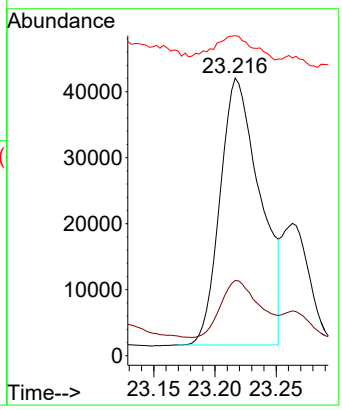


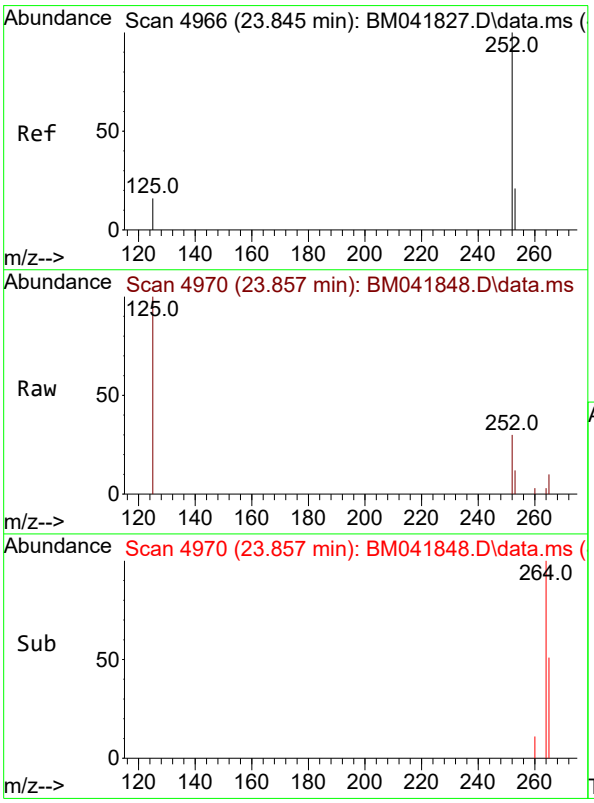
#24
Benzo(b)fluoranthene
Concen: 0.851 ng/ul
RT: 23.216 min Scan# 4
Delta R.T. 0.009 min
Lab File: BM041848.D
Acq: 14 Sep 2023 02:10

Instrument :
BNA_M
ClientSampleId :
EZYW8DL

Tgt Ion:252 Resp: 92219

Ion	Ratio	Lower	Upper
252	100		
253	27.1	0.0	51.0
125	115.3	0.0	39.8#

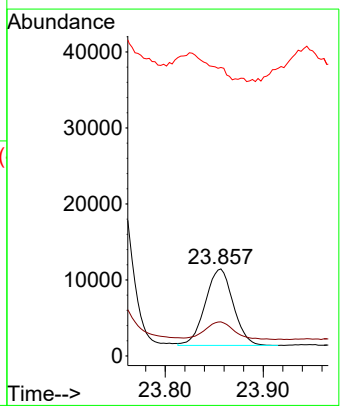


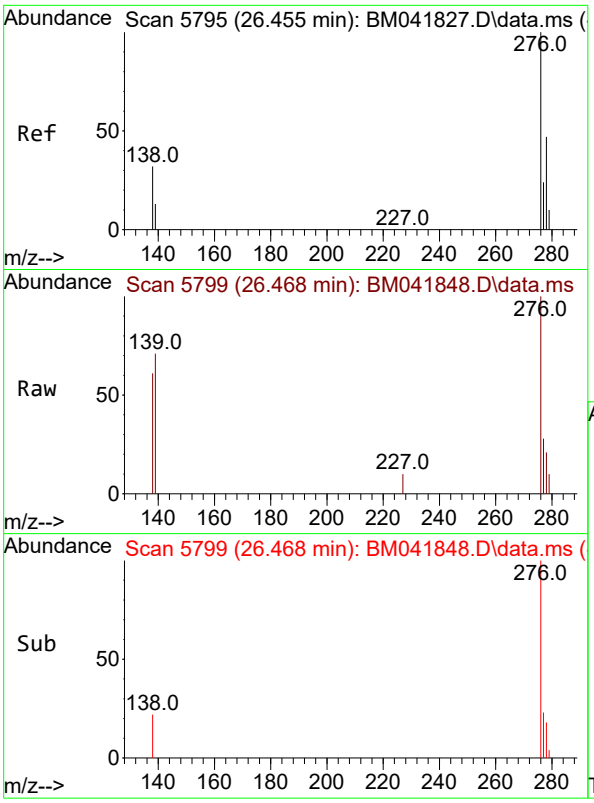


#26
Benzo(a)pyrene
Concen: 0.242 ng/ul
RT: 23.857 min Scan# 4970
Delta R.T. 0.012 min
Lab File: BM041848.D
Acq: 14 Sep 2023 02:10

Tgt Ion:252 Resp: 19950

Ion	Ratio	Lower	Upper
252	100		
253	39.2	21.8	32.8#
125	331.6	18.8	28.2#



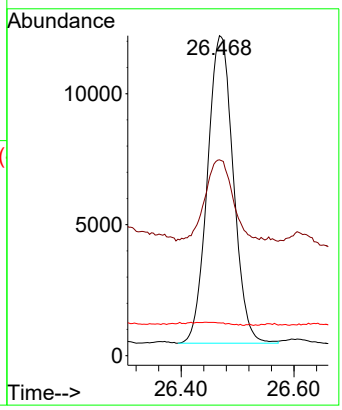


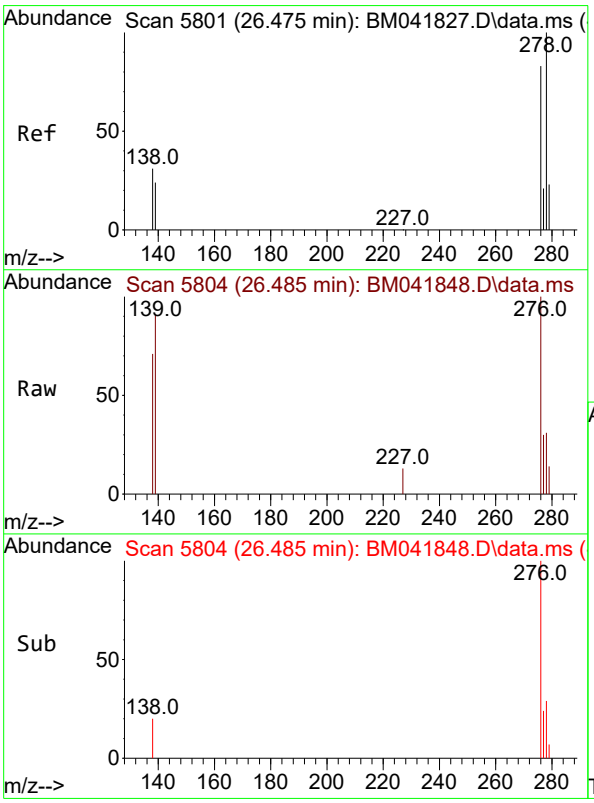
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.295 ng/ul
RT: 26.468 min Scan# 5
Delta R.T. 0.013 min
Lab File: BM041848.D
Acq: 14 Sep 2023 02:10

Instrument :
BNA_M
ClientSampleId :
EZYW8DL

Tgt Ion:276 Resp: 37470

Ion	Ratio	Lower	Upper
276	100		
138	29.1	27.7	41.5
227	0.0	0.1	0.1#

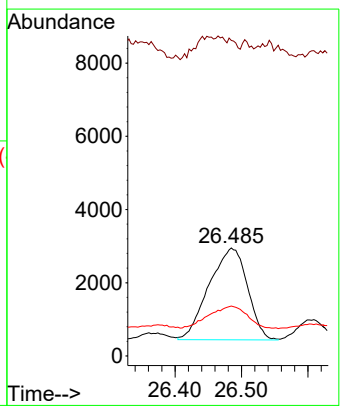


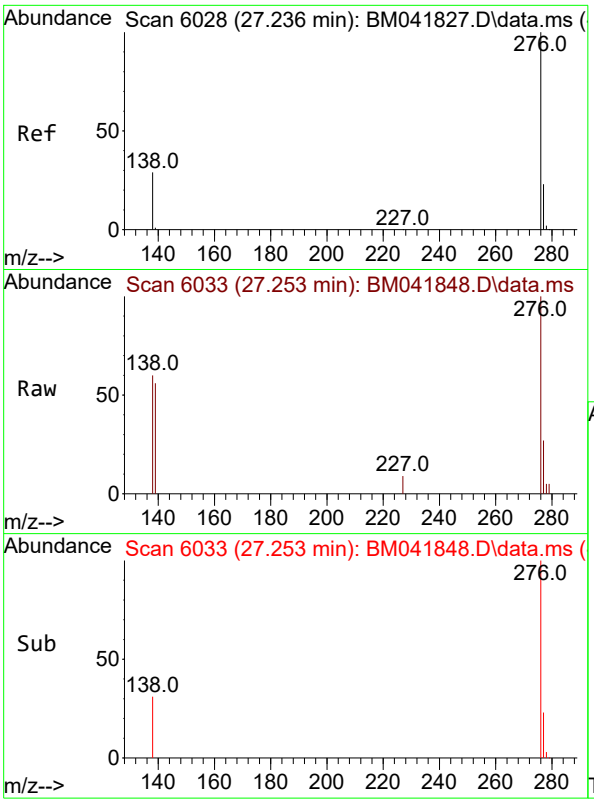


#28
Dibenzo(a,h)anthracene
Concen: 0.108 ng/ul
RT: 26.485 min Scan# 5804
Delta R.T. 0.010 min
Lab File: BM041848.D
Acq: 14 Sep 2023 02:10

Tgt Ion:278 Resp: 10075

Ion	Ratio	Lower	Upper
278	100		
139	292.1	20.9	31.3#
279	46.2	20.3	30.5#





#29
Benzo(g,h,i)perylene
Concen: 0.387 ng/ul
RT: 27.253 min Scan# 6
Delta R.T. 0.017 min
Lab File: BM041848.D
Acq: 14 Sep 2023 02:10

Instrument :
BNA_M
ClientSampleId :
EZYW8DL

Tgt Ion:276 Resp: 41547

Ion	Ratio	Lower	Upper
276	100		
138	59.5	24.7	37.1#
277	27.1	19.3	28.9