Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050823\
Data File : BM039865.D
Acq On : 08 May 2023 12:12
Operator : CG/JU
Sample : 02479-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW950

Quant Time: May 09 01:51:07 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 14:35:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.783	152	3438	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.578	136	12701	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.432	164	7058	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.187	188	14240	0.400	ng/ul	0.00
17) Chrysene-d12	21.388	240	7323	0.400	ng/ul	# 0.00
23) Perylene-d12	23.735	264	7079	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	10251	2.023	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	2714	0.167	ng/ul	-0.01
18) Fluoranthene-d10	19.225	212	4900	0.249	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.628	128	5873	0.184	ng/ul	97
7) 2-Methylnaphthalene	12.261	142	3380	0.184	ng/ul	96
8) 1-Methylnaphthalene	12.476	142	2964	0.150	ng/ul	99
10) Acenaphthylene	14.155	152	4059	0.149	ng/ul#	91
11) Acenaphthene	14.497	153	7713	0.359	ng/ul	99
12) Fluorene	15.487	166	9327	0.392	ng/ul	99
15) Phenanthrene	17.229	178	142393	3.796	ng/ul	99
16) Anthracene	17.322	178	25835	0.802	ng/ul	98
19) Fluoranthene	19.252	202	191381	7.325	ng/ul	100
20) Pyrene	19.620	202	146124	5.179	ng/ul	98
21) Benzo(a)anthracene	21.373	228	62426	2.965	ng/ul	97
22) Chrysene	21.426	228	59557	2.500	ng/ul	96
24) Benzo(b)fluoranthene	23.021	252	71803	2.888	ng/ul	96
26) Benzo(a)pyrene	23.629	252	48760	2.184	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.161	276	38259	1.356	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.164	278	9205	0.420	ng/ul#	62
29) Benzo(g,h,i)perylene	26.912	276	39317	1.599	ng/ul	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050823\
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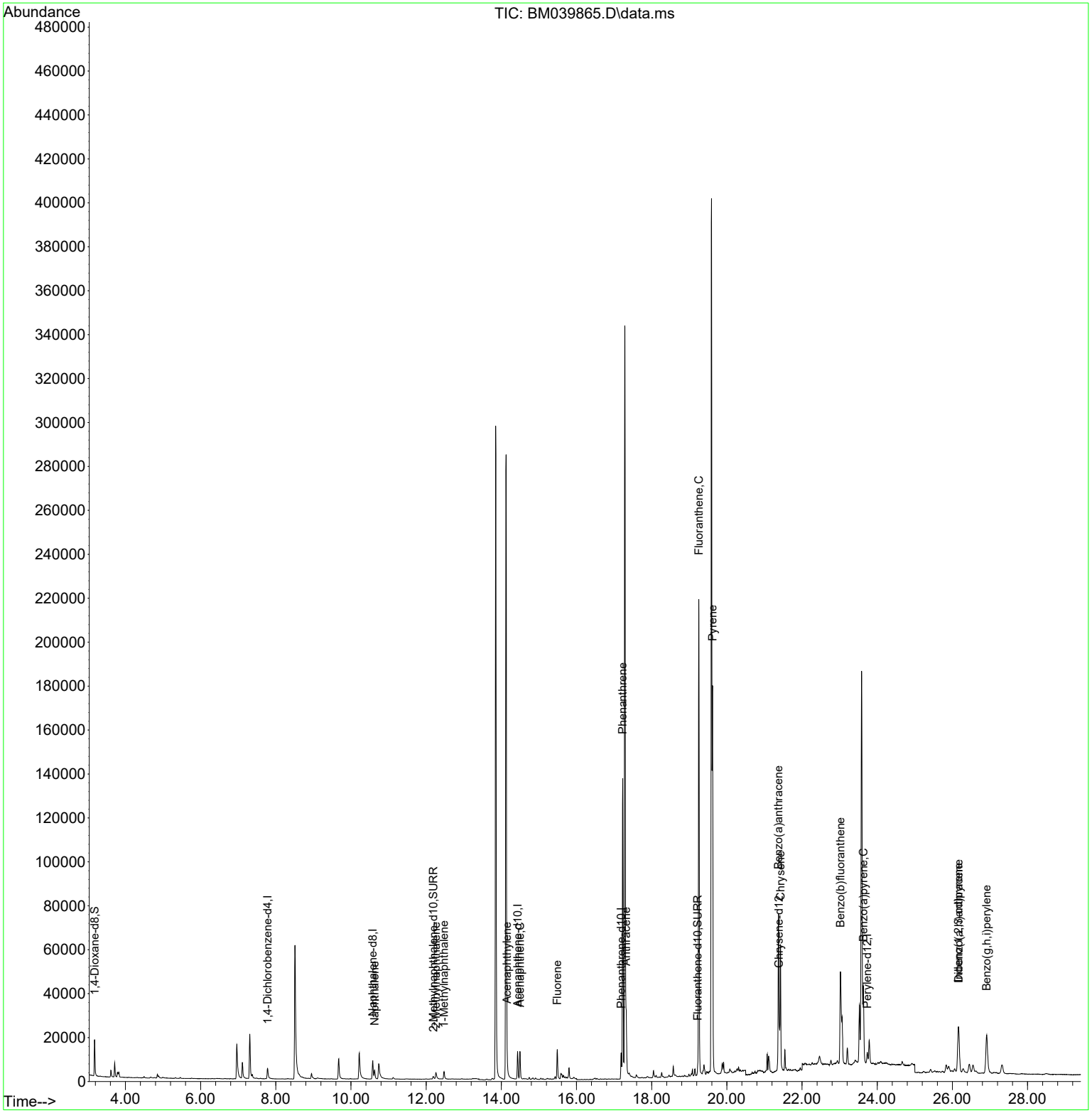
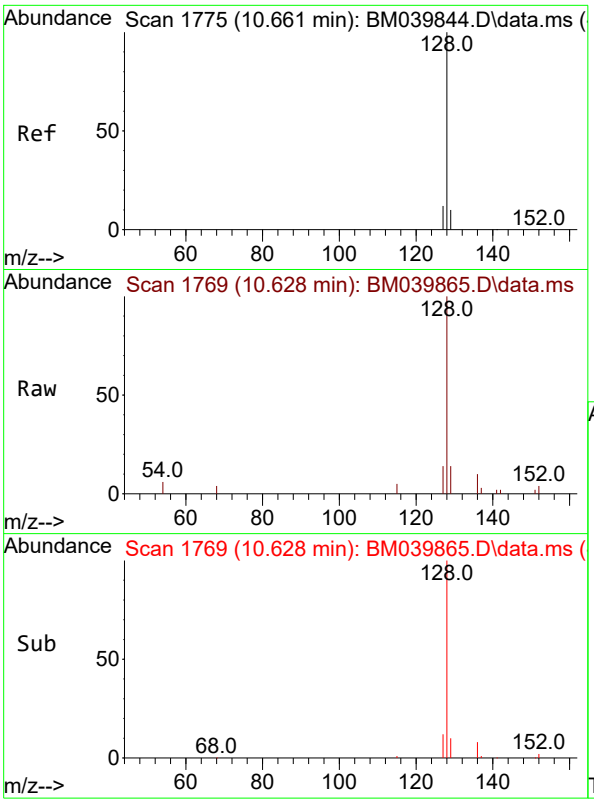


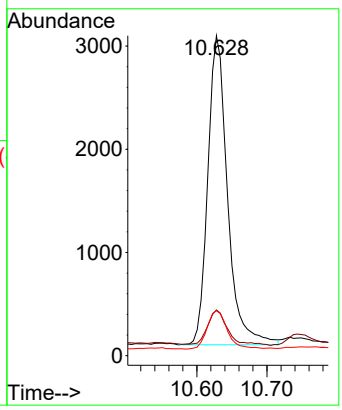


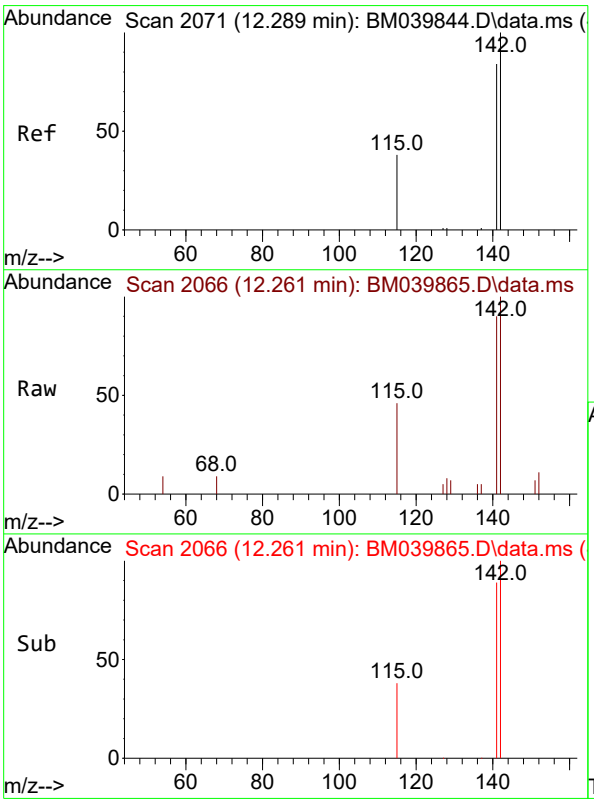
#5
Naphthalene
Concen: 0.184 ng/ul
RT: 10.628 min Scan# 1
Delta R.T. -0.016 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

Instrument :
BNA_M
ClientSampleId :
EW950

Tgt Ion:128 Resp: 5873

Ion	Ratio	Lower	Upper
128	100		
129	14.3	9.8	14.6
127	14.1	11.1	16.7

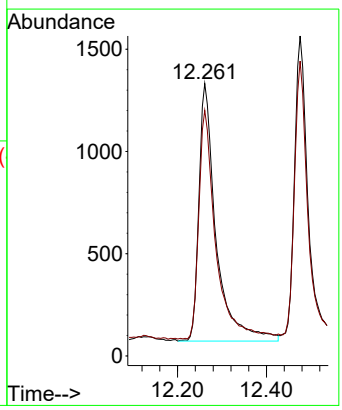


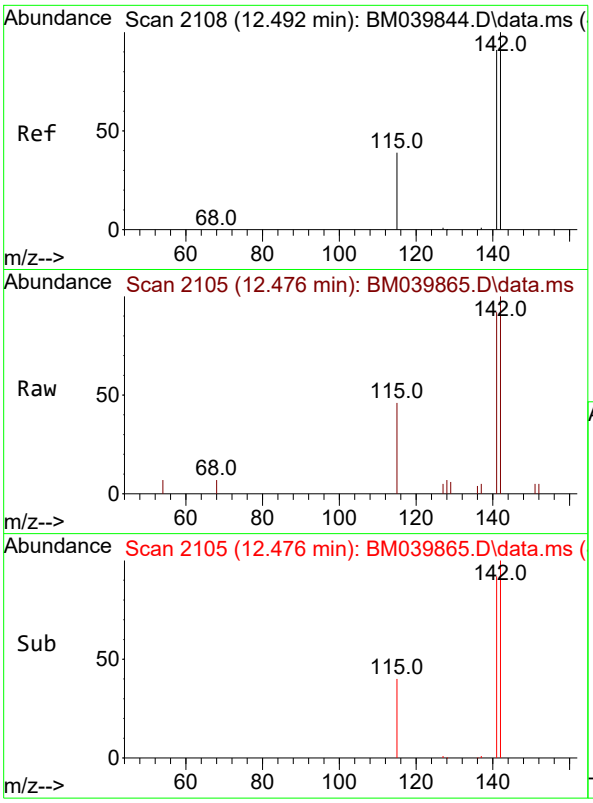


#7
2-Methylnaphthalene
Concen: 0.184 ng/ul
RT: 12.261 min Scan# 2066
Delta R.T. -0.011 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

Tgt Ion:142 Resp: 3380

Ion	Ratio	Lower	Upper
142	100		
141	88.1	73.2	109.8



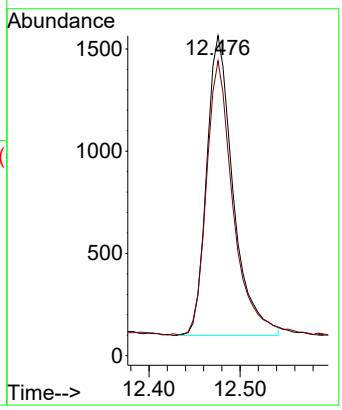


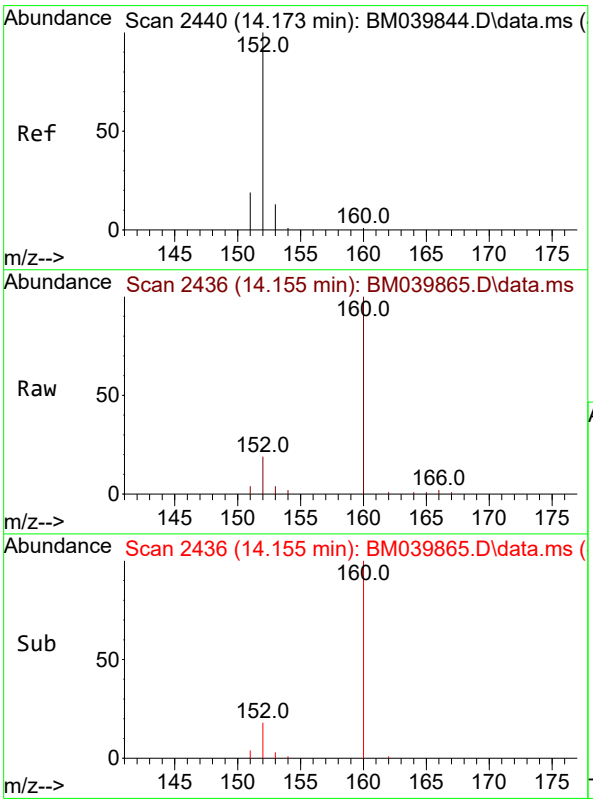
#8
1-Methylnaphthalene
Concen: 0.150 ng/ul
RT: 12.476 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

Instrument :
BNA_M
ClientSampleId :
EW950

Tgt Ion:142 Resp: 2964

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.4	110.2

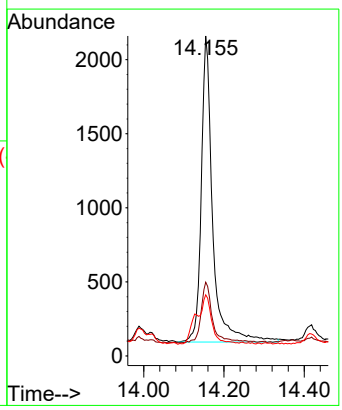


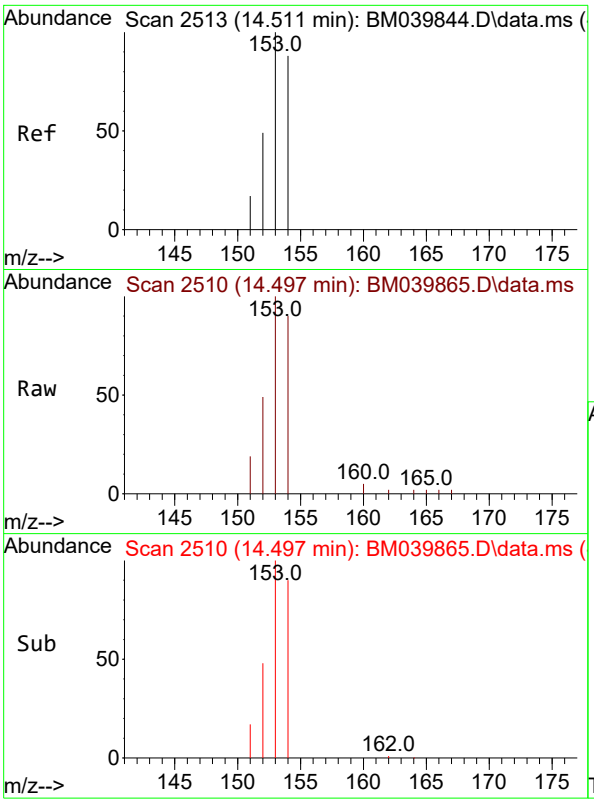


#10
Acenaphthylene
Concen: 0.149 ng/ul
RT: 14.155 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

Tgt Ion:152 Resp: 4059

Ion	Ratio	Lower	Upper
152	100		
151	23.1	16.0	24.0
153	19.1	11.2	16.8#



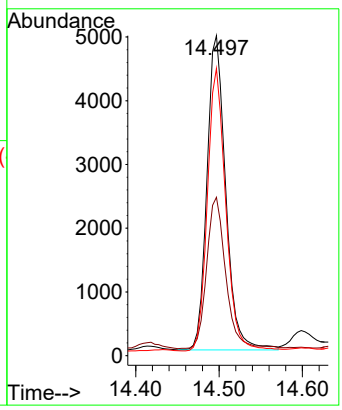


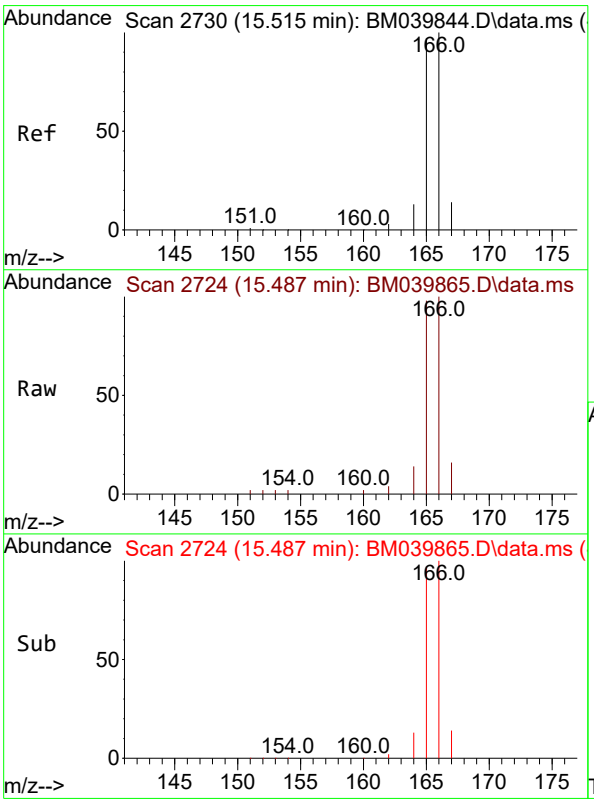
#11
Acenaphthene
Concen: 0.359 ng/ul
RT: 14.497 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

Instrument :
BNA_M
ClientSampleId :
EW950

Tgt Ion:153 Resp: 7713

Ion	Ratio	Lower	Upper
153	100		
152	49.5	40.6	61.0
154	89.8	71.9	107.9

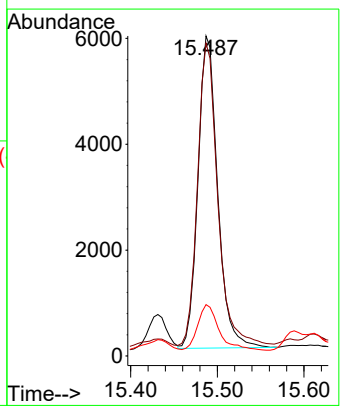


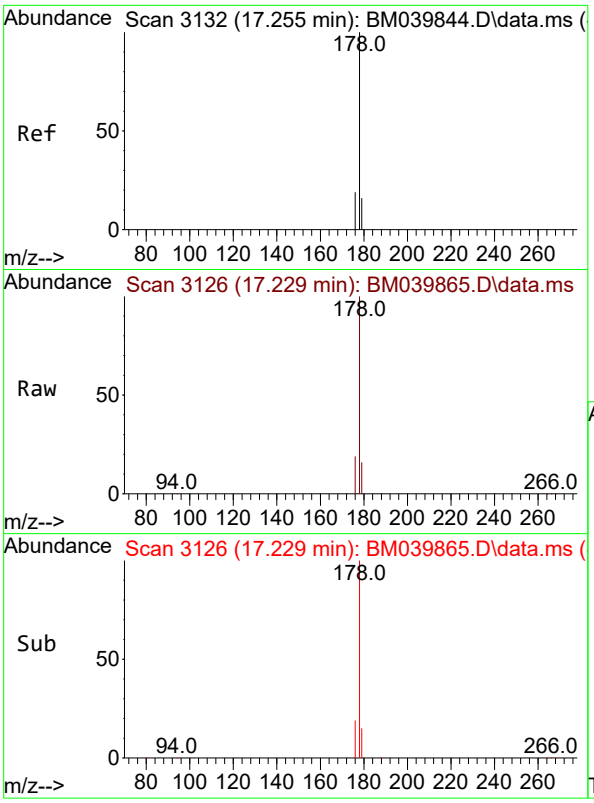


#12
Fluorene
Concen: 0.392 ng/ul
RT: 15.487 min Scan# 2724
Delta R.T. -0.014 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

Tgt Ion:166 Resp: 9327

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.0	118.6
167	16.0	11.8	17.6



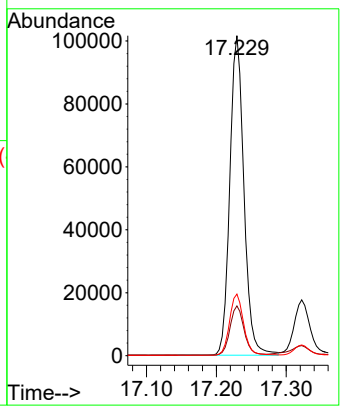


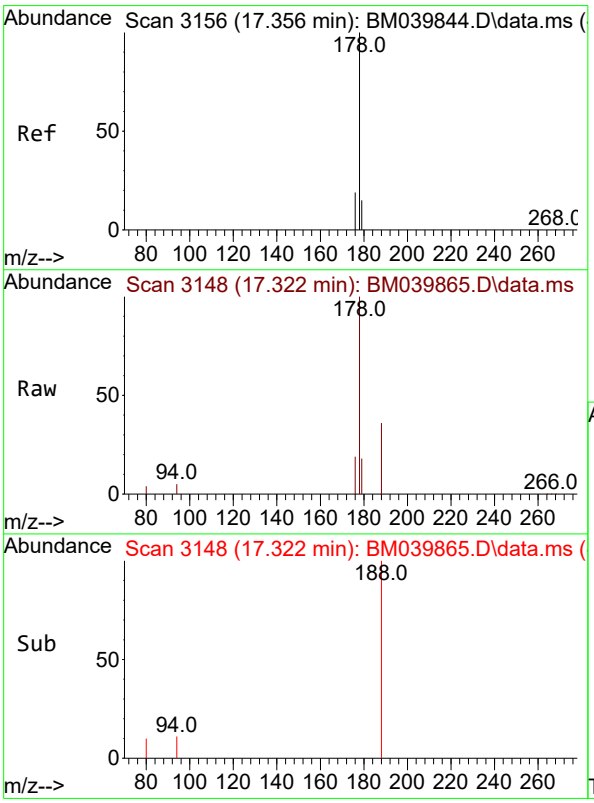
#15
Phenanthrene
Concen: 3.796 ng/ul
RT: 17.229 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

Instrument :
BNA_M
ClientSampleId :
EW950

Tgt Ion:178 Resp: 142393

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.0	19.6
176	19.3	15.8	23.8

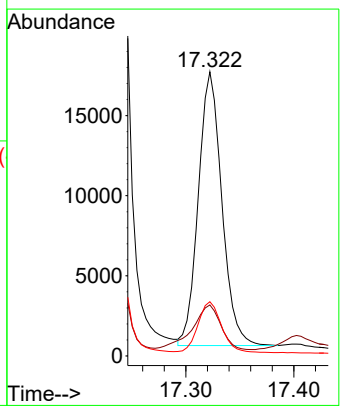


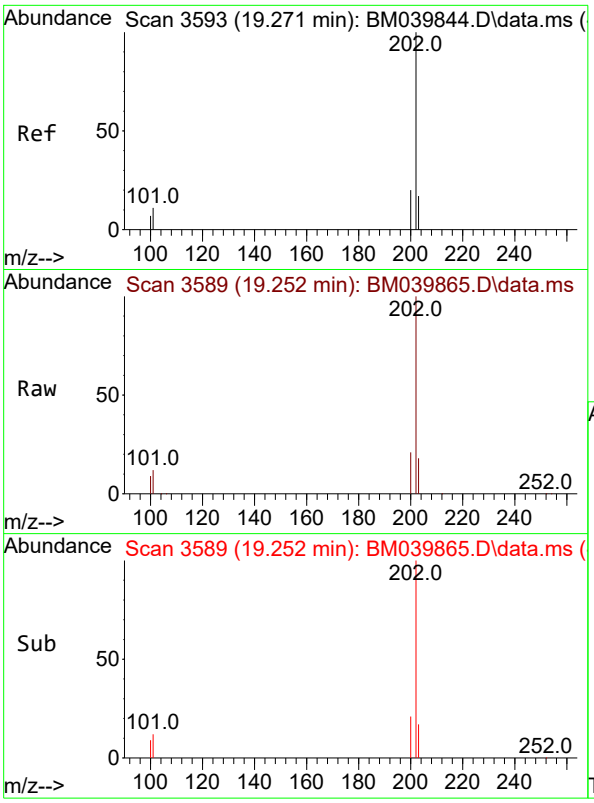


#16
Anthracene
Concen: 0.802 ng/ul
RT: 17.322 min Scan# 3148
Delta R.T. -0.017 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

Tgt Ion:178 Resp: 25835

Ion	Ratio	Lower	Upper
178	100		
179	18.0	13.8	20.6
176	19.1	15.8	23.8



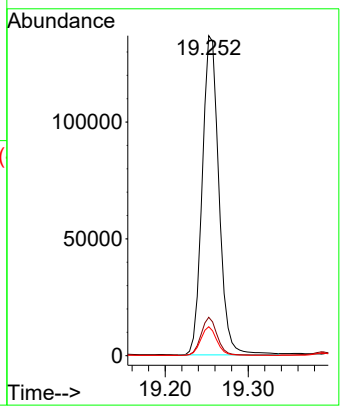


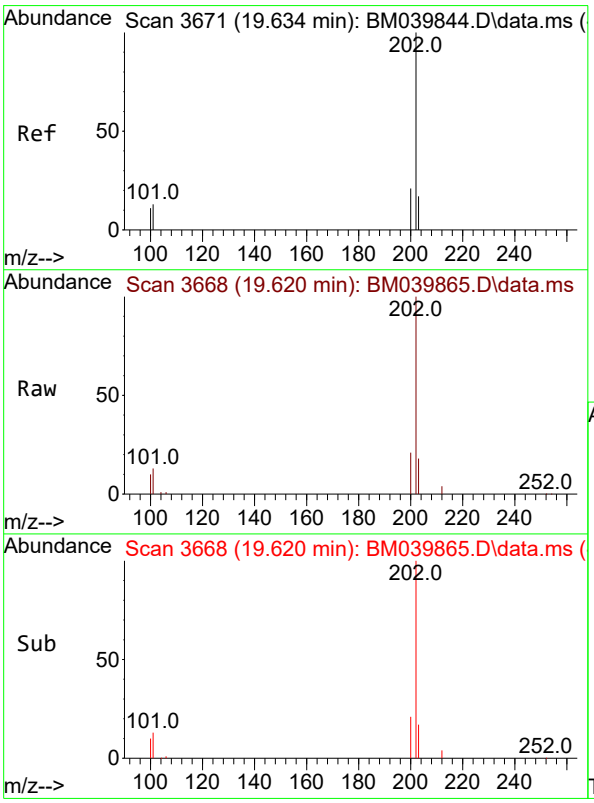
#19
Fluoranthene
Concen: 7.325 ng/ul
RT: 19.252 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

Instrument :
BNA_M
ClientSampleId :
EW950

Tgt Ion:202 Resp: 191381

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.8	14.8
100	9.1	7.3	10.9

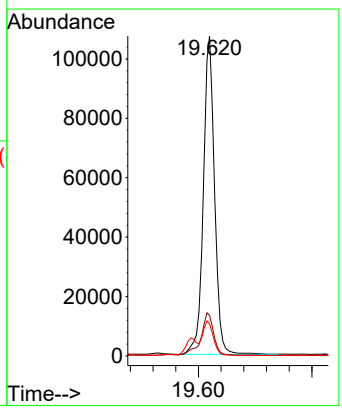


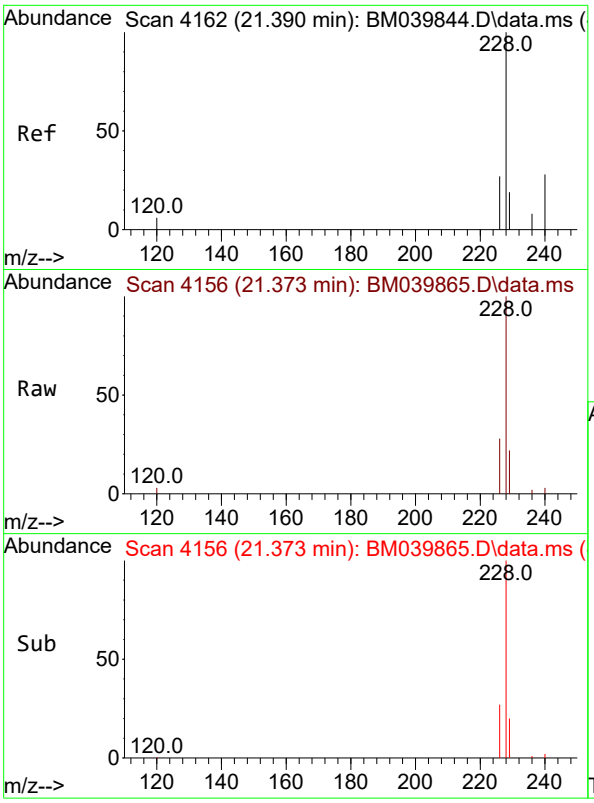


#20
Pyrene
Concen: 5.179 ng/ul
RT: 19.620 min Scan# 3668
Delta R.T. -0.005 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

Tgt Ion:202 Resp: 146124

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.9	16.3
100	10.0	8.9	13.3



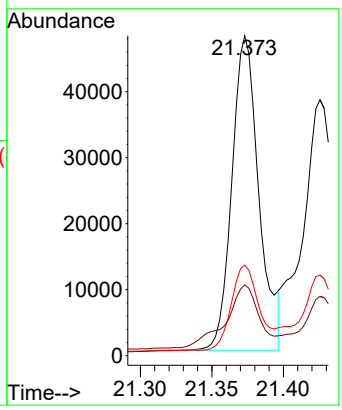


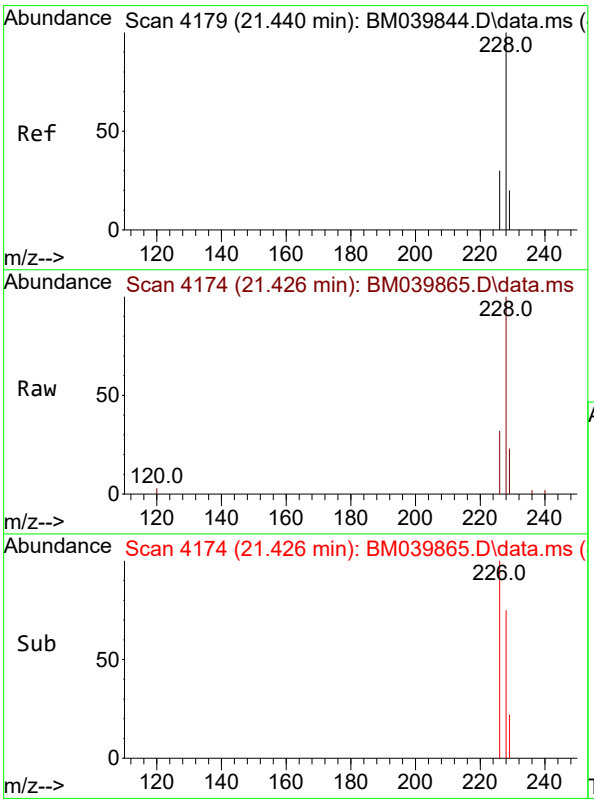
#21
Benzo(a)anthracene
Concen: 2.965 ng/ul
RT: 21.373 min Scan# 4
Delta R.T. -0.005 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

Instrument :
BNA_M
ClientSampleId :
EW950

Tgt Ion:228 Resp: 62426

Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.2	24.2
226	28.3	21.6	32.4

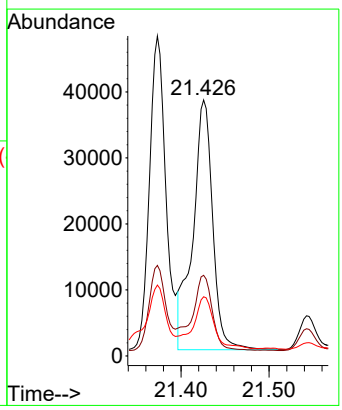


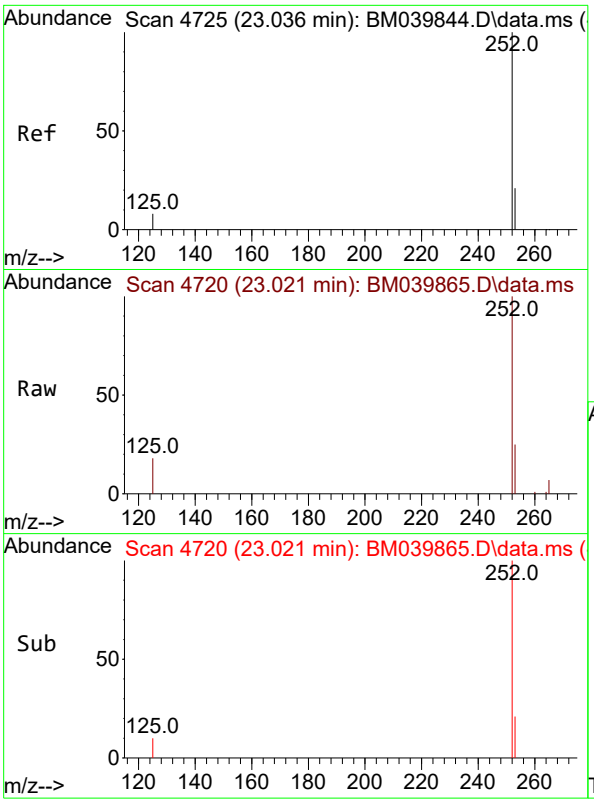


#22
Chrysene
Concen: 2.500 ng/ul
RT: 21.426 min Scan# 4174
Delta R.T. -0.005 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

Tgt Ion:228 Resp: 59557

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.3	36.5
229	23.2	15.9	23.9



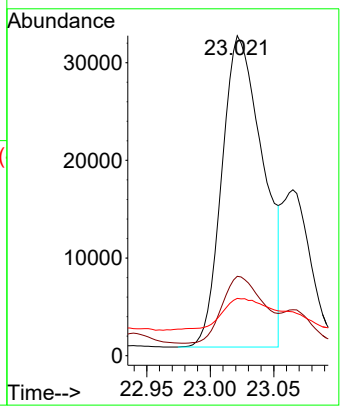


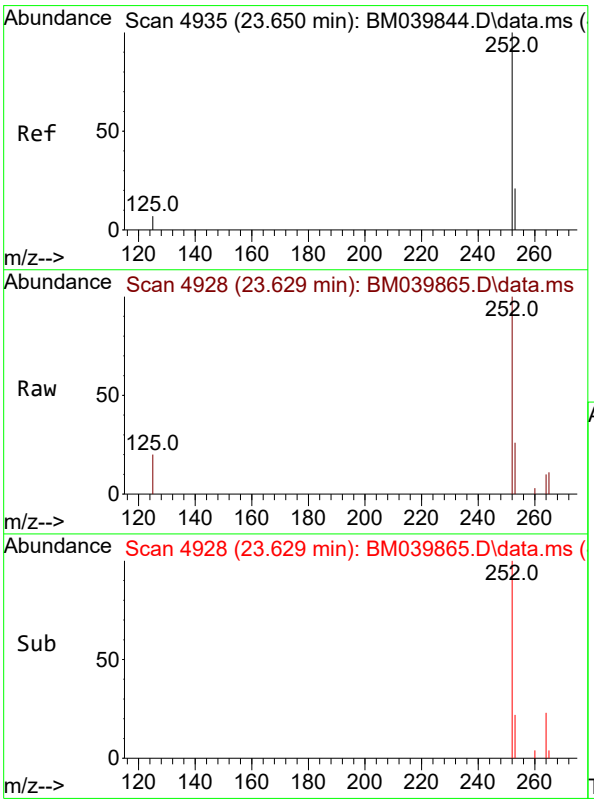
#24
Benzo(b)fluoranthene
Concen: 2.888 ng/ul
RT: 23.021 min Scan# 4
Delta R.T. -0.002 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

Instrument :
BNA_M
ClientSampleId :
EW950

Tgt Ion:252 Resp: 71803

Ion	Ratio	Lower	Upper
252	100		
253	24.8	0.0	52.8
125	17.9	0.0	31.6

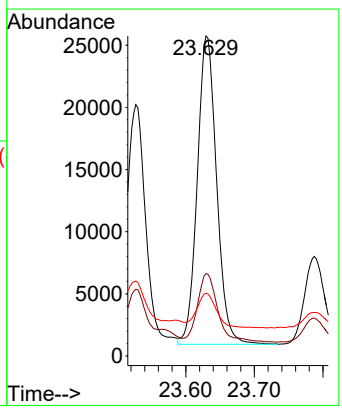


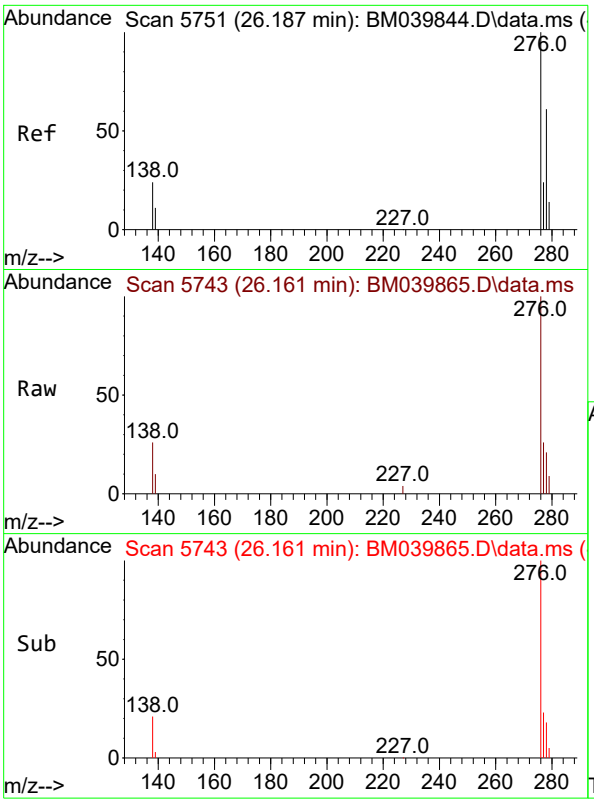


#26
Benzo(a)pyrene
Concen: 2.184 ng/ul
RT: 23.629 min Scan# 4928
Delta R.T. -0.008 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

Tgt Ion:252 Resp: 48760

Ion	Ratio	Lower	Upper
252	100		
253	25.7	24.7	37.1
125	19.6	16.5	24.7



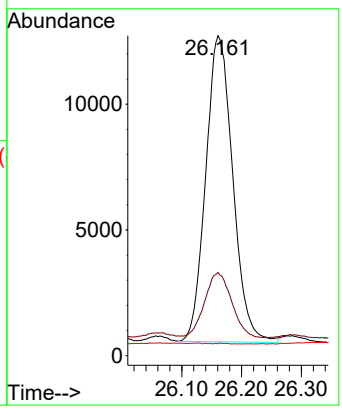


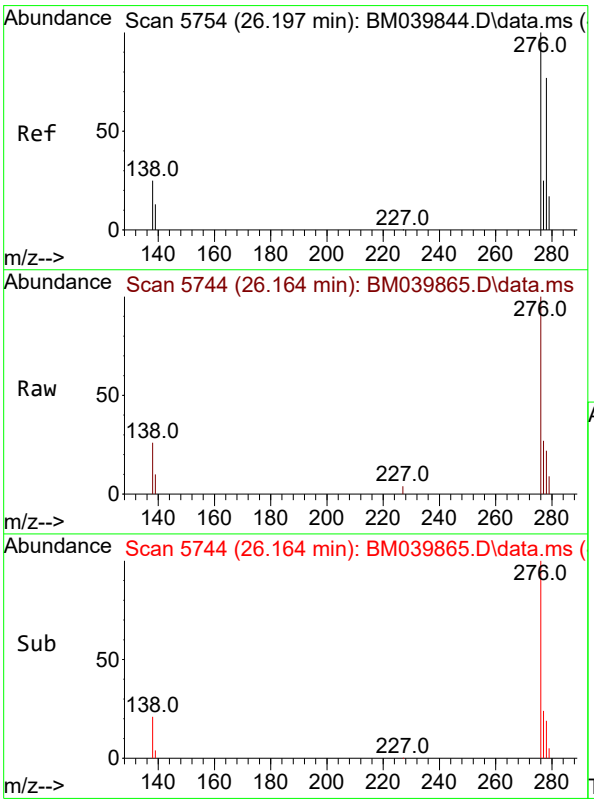
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.356 ng/ul
RT: 26.161 min Scan# 5
Delta R.T. -0.012 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

Instrument :
BNA_M
ClientSampleId :
EW950

Tgt Ion:276 Resp: 38259

Ion	Ratio	Lower	Upper
276	100		
138	21.4	21.1	31.7
227	0.0	0.1	0.1#

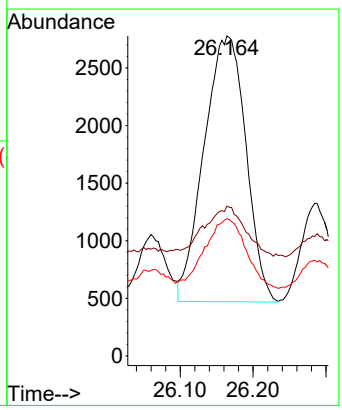


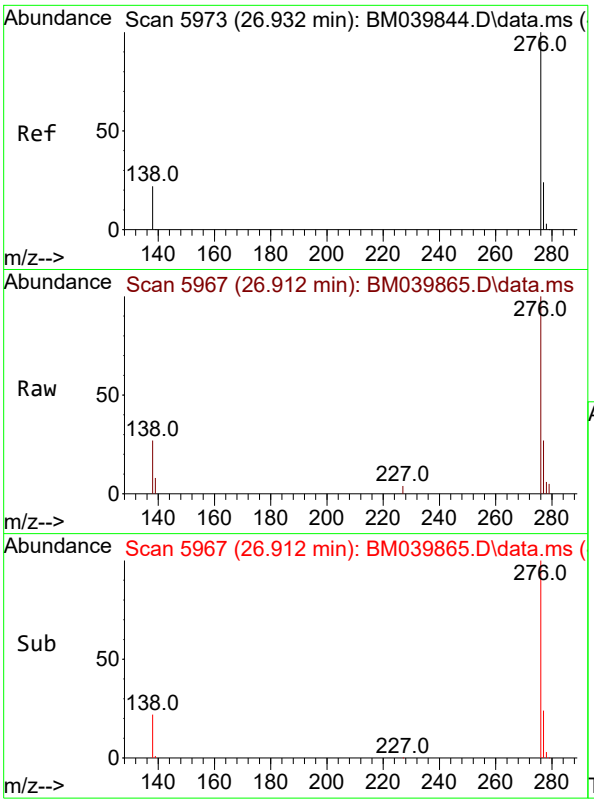


#28
Dibenzo(a,h)anthracene
Concen: 0.420 ng/ul
RT: 26.164 min Scan# 5744
Delta R.T. -0.015 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

Tgt Ion:278 Resp: 9205

Ion	Ratio	Lower	Upper
278	100		
139	46.8	17.0	25.6#
279	42.9	23.4	35.2#





#29
Benzo(g,h,i)perylene
Concen: 1.599 ng/ul
RT: 26.912 min Scan# 5
Delta R.T. -0.005 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

Instrument :
BNA_M
ClientSampleId :
EW950

Tgt Ion:276 Resp: 39317

Ion	Ratio	Lower	Upper
276	100		
138	27.0	20.1	30.1
277	26.6	20.1	30.1