Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
Data File : BM039347.D
Acq On : 07 Apr 2023 10:43
Operator : CG/JU
Sample : 02115-04
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB9C2

Quant Time: Apr 07 23:12:30 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 07 23:05:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	7237	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.686	136	25884	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.527	164	14257	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.278	188	25220	0.400	ng/ul	0.00
17) Chrysene-d12	21.463	240	20070	0.400	ng/ul	# 0.00
23) Perylene-d12	23.851	264	19631	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	27975	2.088	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.280	152	6149	0.205	ng/ul	0.00
18) Fluoranthene-d10	19.306	212	11979	0.192	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.735	128	2989	0.049	ng/ul#	86
7) 2-Methylnaphthalene	12.357	142	1357	0.039	ng/ul	99
8) 1-Methylnaphthalene	12.572	142	1580	0.040	ng/ul	99
10) Acenaphthylene	14.250	152	17522	0.317	ng/ul	100
11) Acenaphthene	14.587	153	17220	0.395	ng/ul	99
12) Fluorene	15.577	166	16650	0.384	ng/ul	99
15) Phenanthrene	17.316	178	385092	5.505	ng/ul	98
16) Anthracene	17.409	178	67773	1.273	ng/ul	96
19) Fluoranthene	19.334	202	1040996	12.531	ng/ul	100
20) Pyrene	19.701	202	524962	5.511	ng/ul	98
21) Benzo(a)anthracene	21.445	228	416377	8.996	ng/ul	99
22) Chrysene	21.498	228	470716	8.296	ng/ul	99
24) Benzo(b)fluoranthene	23.123	252	675764	10.853	ng/ul	80
26) Benzo(a)pyrene	23.746	252	120878	1.926	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	26.324	276	158162	2.001	ng/ul	95
28) Dibenzo(a,h)anthracene	26.454	278	21256	0.384	ng/ul	97
29) Benzo(g,h,i)perylene	27.085	276	7161	0.094	ng/ul#	58

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
Data File : BM039347.D
Acq On : 07 Apr 2023 10:43
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Sample : 02115-04
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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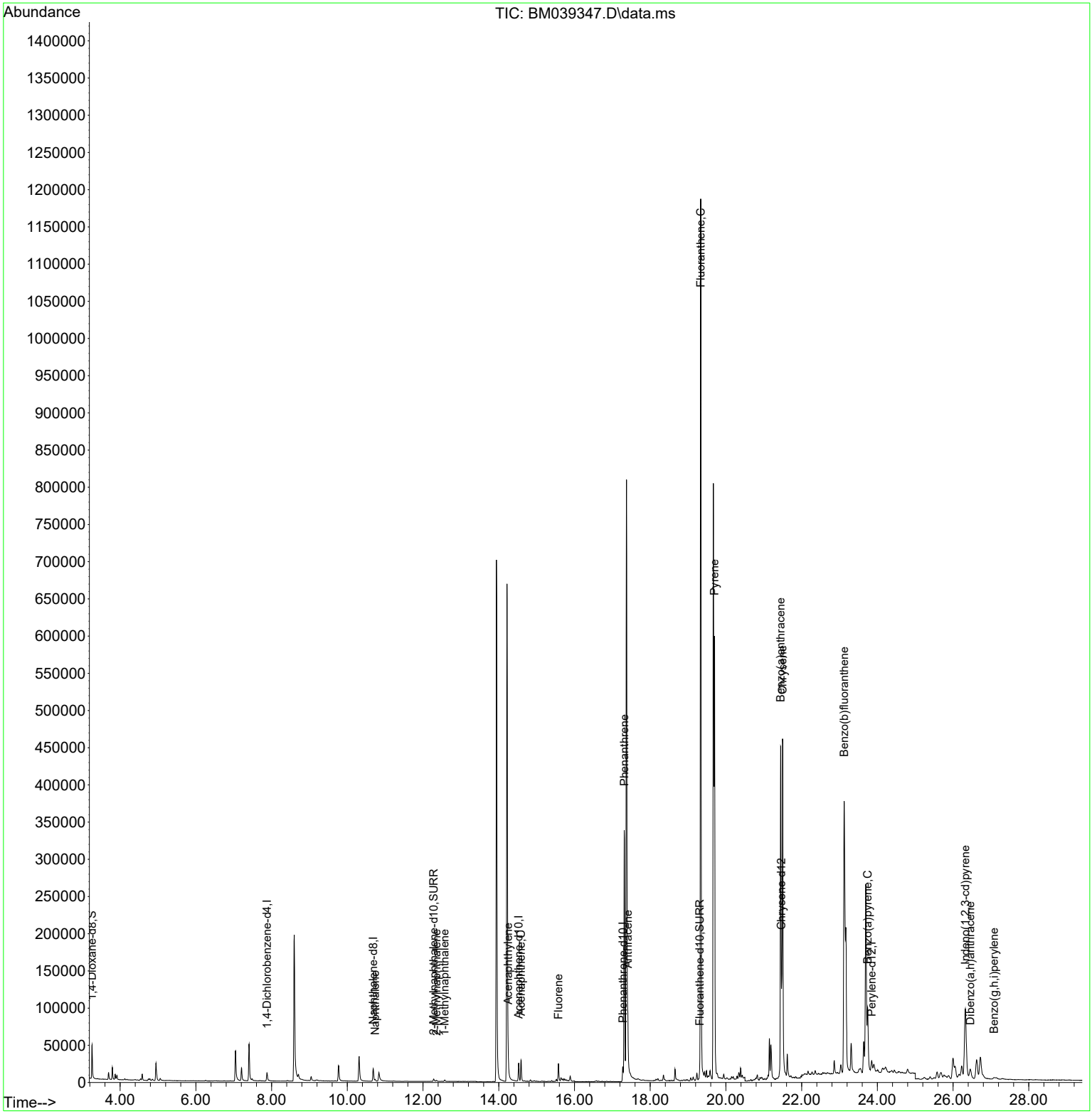
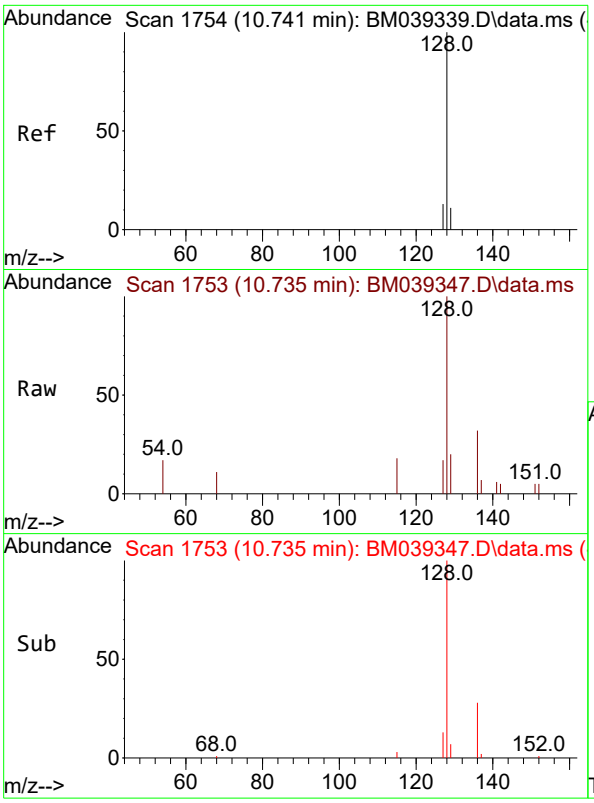
CB9C2

Quant Time: Apr 07 23:12:30 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 07 23:05:01 2023
Response via : Initial Calibration



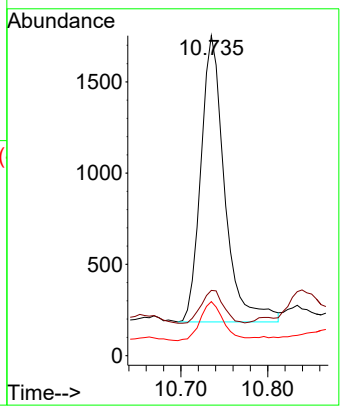


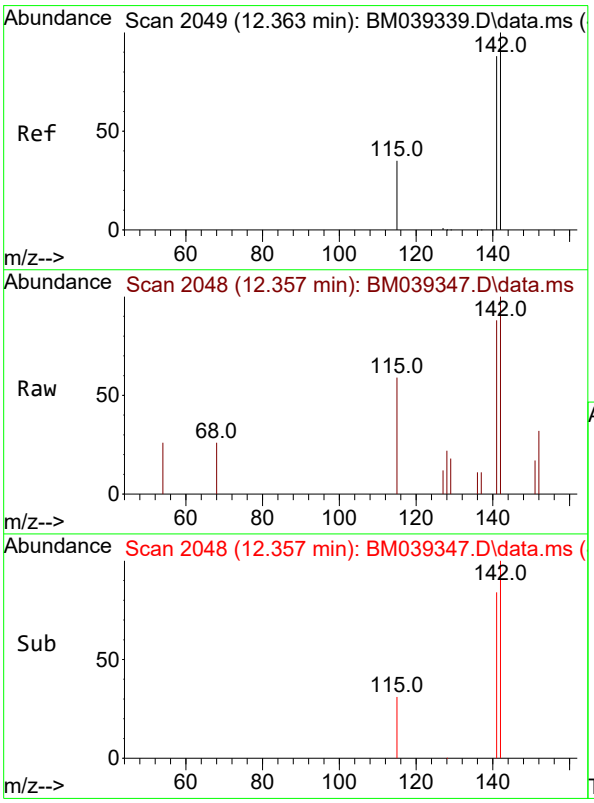
#5
Naphthalene
Concen: 0.049 ng/ul
RT: 10.735 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039347.D
Acq: 07 Apr 2023 10:43

Instrument :
BNA_M
ClientSampleId :
CB9C2

Tgt Ion:128 Resp: 2989

Ion	Ratio	Lower	Upper
128	100		
129	20.4	10.1	15.1#
127	16.9	11.0	16.4#

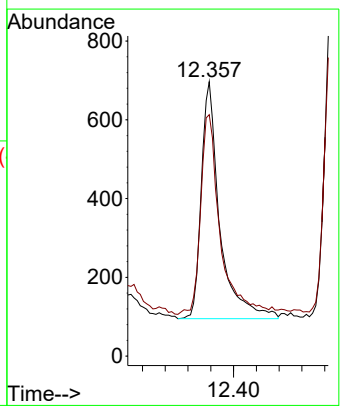


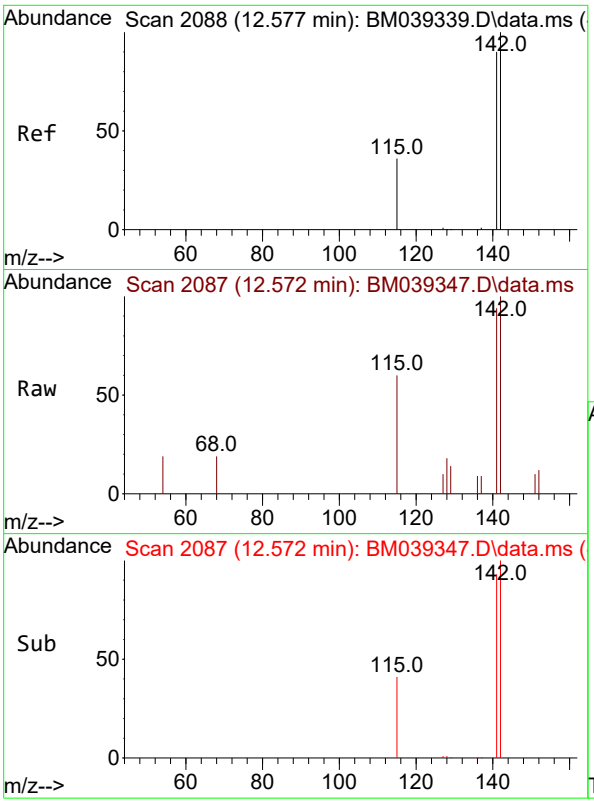


#7
2-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.357 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BM039347.D
Acq: 07 Apr 2023 10:43

Tgt Ion:142 Resp: 1357

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.8	107.6



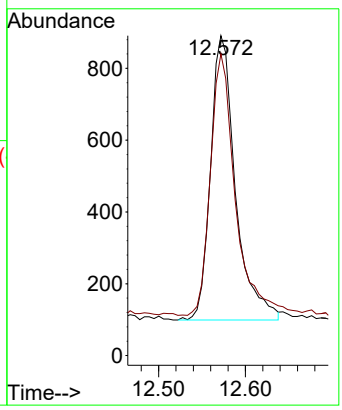


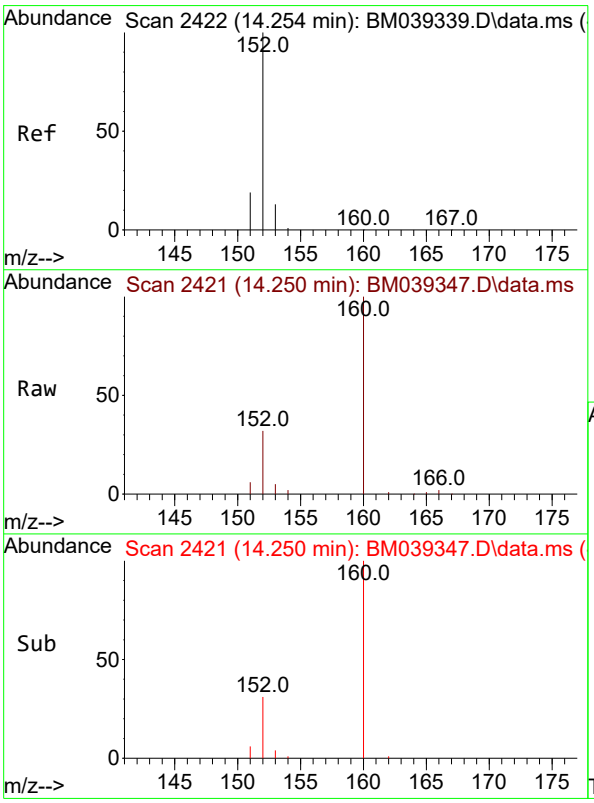
#8
1-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.572 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM039347.D
Acq: 07 Apr 2023 10:43

Instrument :
BNA_M
ClientSampleId :
CB9C2

Tgt Ion:142 Resp: 1580

Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.6	109.0

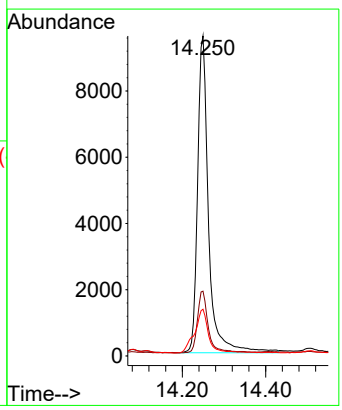


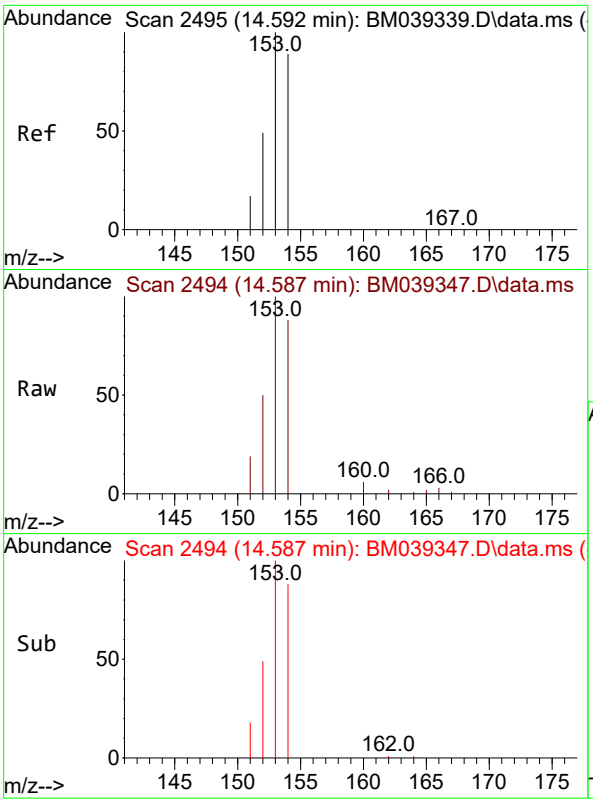


#10
Acenaphthylene
Concen: 0.317 ng/ul
RT: 14.250 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BM039347.D
Acq: 07 Apr 2023 10:43

Tgt Ion:152 Resp: 17522

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	14.6	11.6	17.4



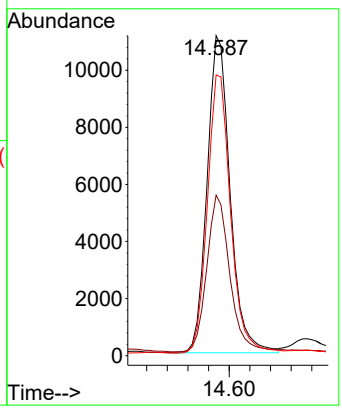


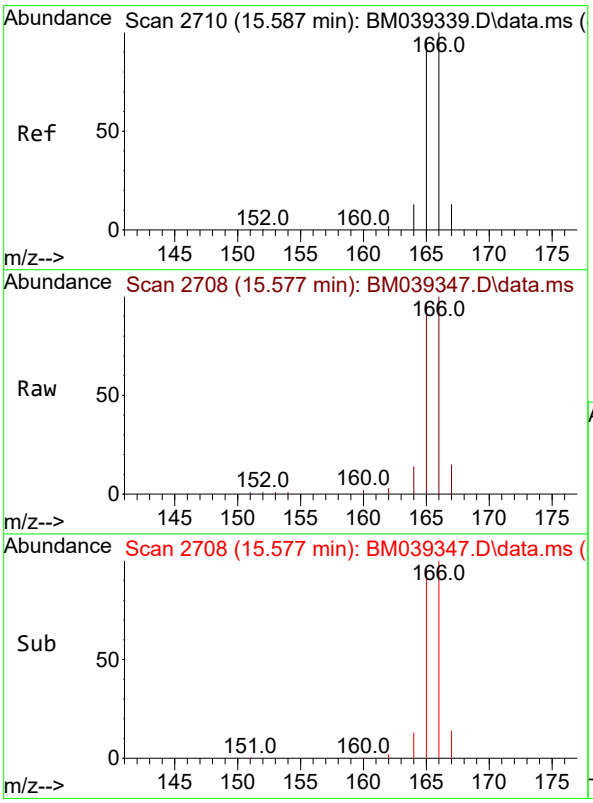
#11
Acenaphthene
Concen: 0.395 ng/ul
RT: 14.587 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM039347.D
Acq: 07 Apr 2023 10:43

Instrument :
BNA_M
ClientSampleId :
CB9C2

Tgt Ion:153 Resp: 17220

Ion	Ratio	Lower	Upper
153	100		
152	50.2	40.3	60.5
154	87.7	71.5	107.3

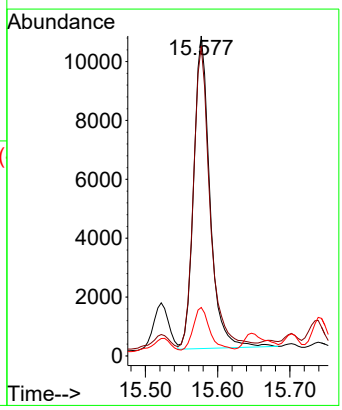


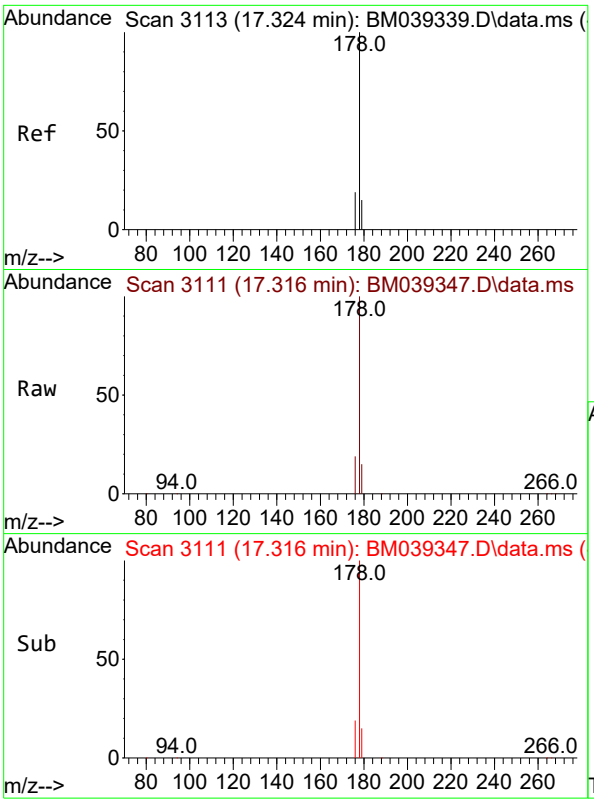


#12
Fluorene
Concen: 0.384 ng/ul
RT: 15.577 min Scan# 2708
Delta R.T. -0.005 min
Lab File: BM039347.D
Acq: 07 Apr 2023 10:43

Tgt Ion:166 Resp: 16650

Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.8	116.8
167	15.2	11.8	17.6



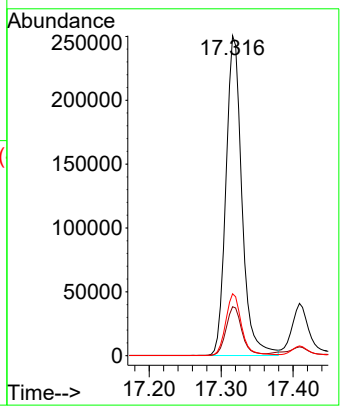


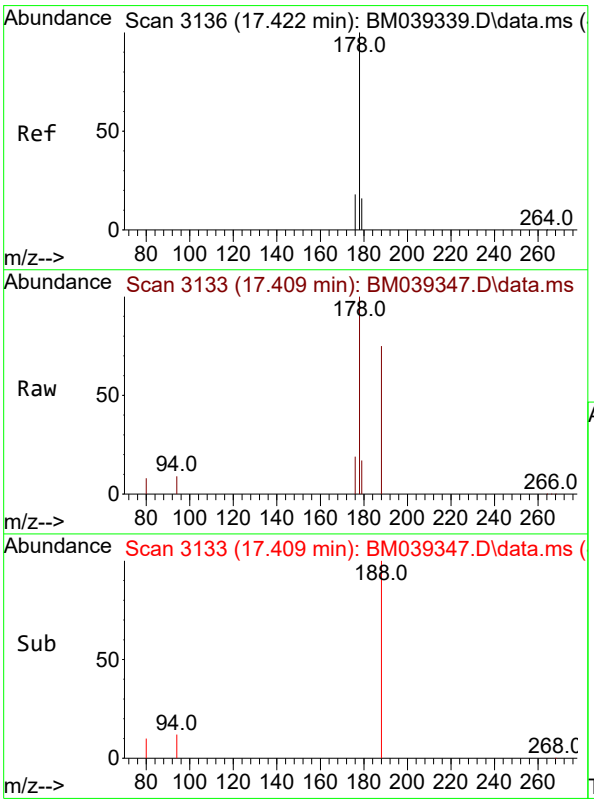
#15
Phenanthrene
Concen: 5.505 ng/ul
RT: 17.316 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM039347.D
Acq: 07 Apr 2023 10:43

Instrument :
BNA_M
ClientSampleId :
CB9C2

Tgt Ion:178 Resp: 385092

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.4	20.2
176	19.3	15.8	23.6

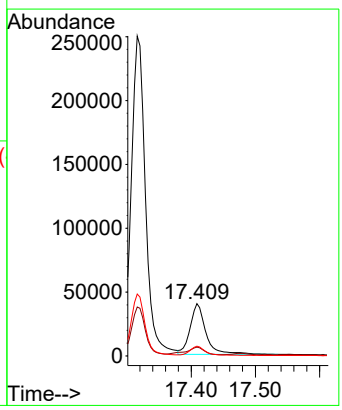


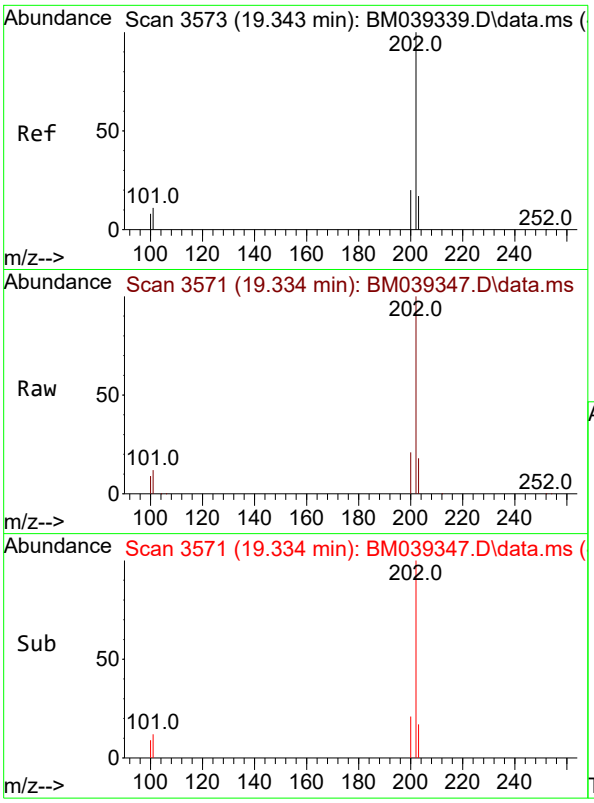


#16
Anthracene
Concen: 1.273 ng/ul
RT: 17.409 min Scan# 3133
Delta R.T. -0.009 min
Lab File: BM039347.D
Acq: 07 Apr 2023 10:43

Tgt Ion:178 Resp: 67773

Ion	Ratio	Lower	Upper
178	100		
179	16.9	14.6	21.8
176	18.8	16.6	24.8



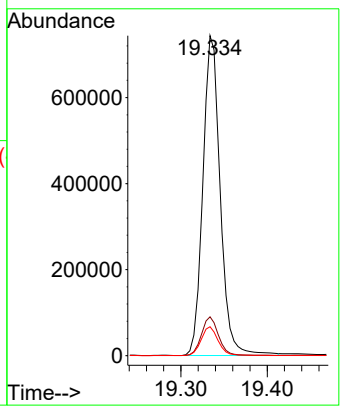


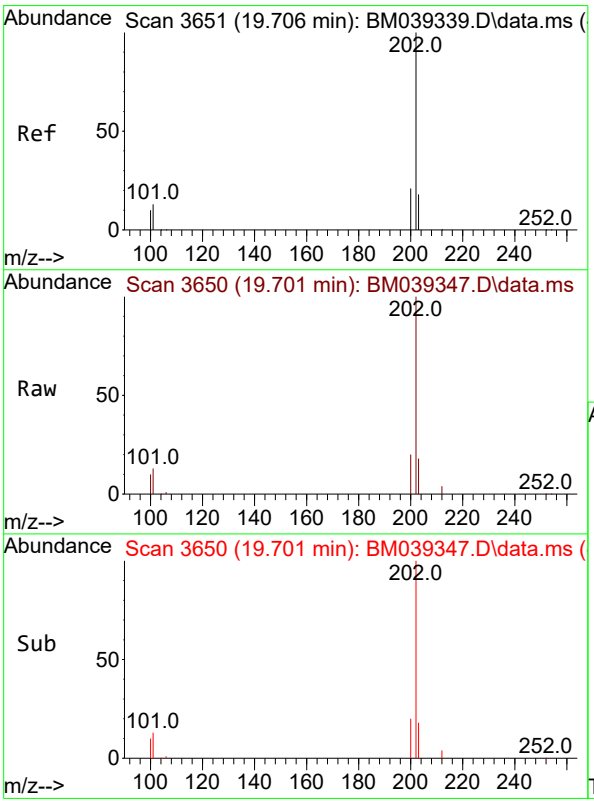
#19
Fluoranthene
Concen: 12.531 ng/ul
RT: 19.334 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM039347.D
Acq: 07 Apr 2023 10:43

Instrument :
BNA_M
ClientSampleId :
CB9C2

Tgt Ion:202 Resp: 1040996

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.7	14.5
100	9.1	7.4	11.0

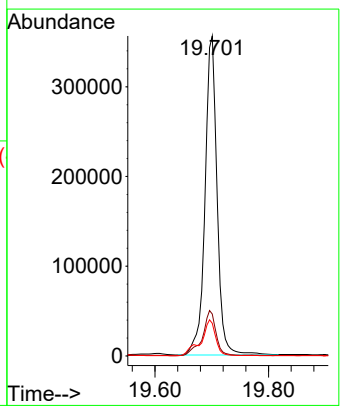


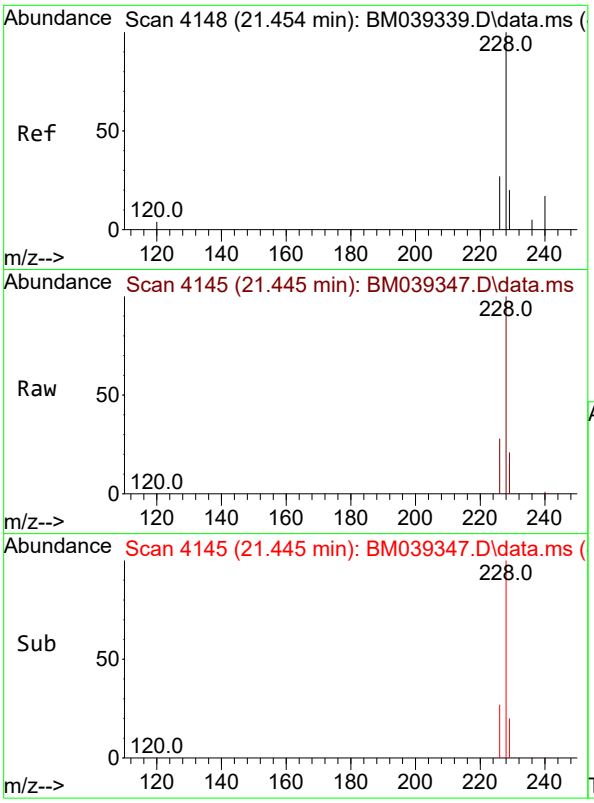


#20
Pyrene
Concen: 5.511 ng/ul
RT: 19.701 min Scan# 3650
Delta R.T. -0.000 min
Lab File: BM039347.D
Acq: 07 Apr 2023 10:43

Tgt Ion:202 Resp: 524962

Ion	Ratio	Lower	Upper
202	100		
101	13.1	11.1	16.7
100	10.2	8.8	13.2



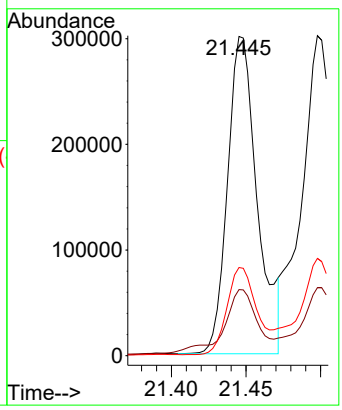


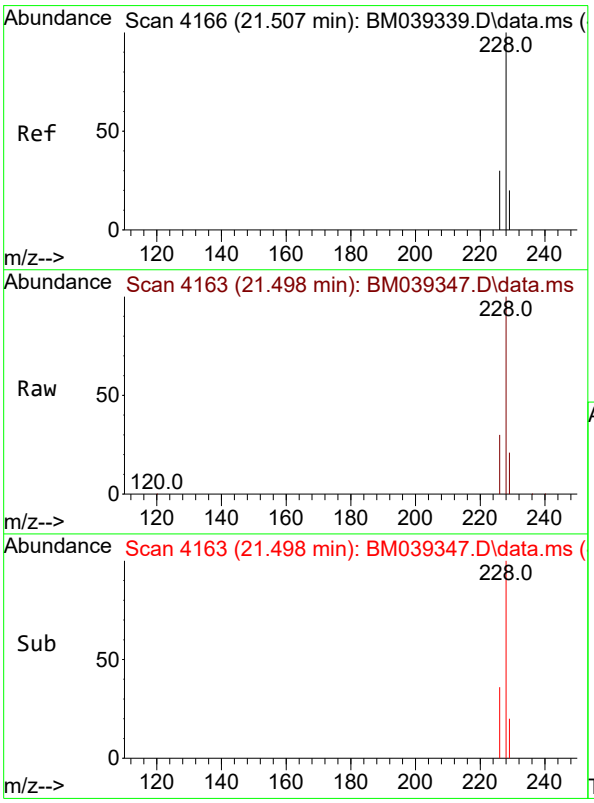
#21
Benzo(a)anthracene
Concen: 8.996 ng/ul
RT: 21.445 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM039347.D
Acq: 07 Apr 2023 10:43

Instrument :
BNA_M
ClientSampleId :
CB9C2

Tgt Ion:228 Resp: 416377

Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.6	24.8
226	27.6	22.6	34.0

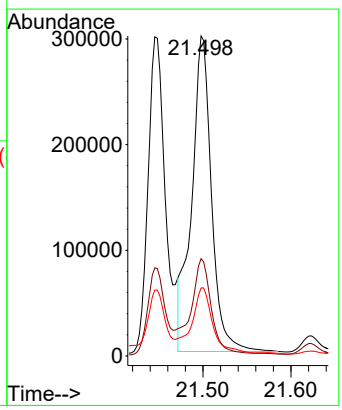


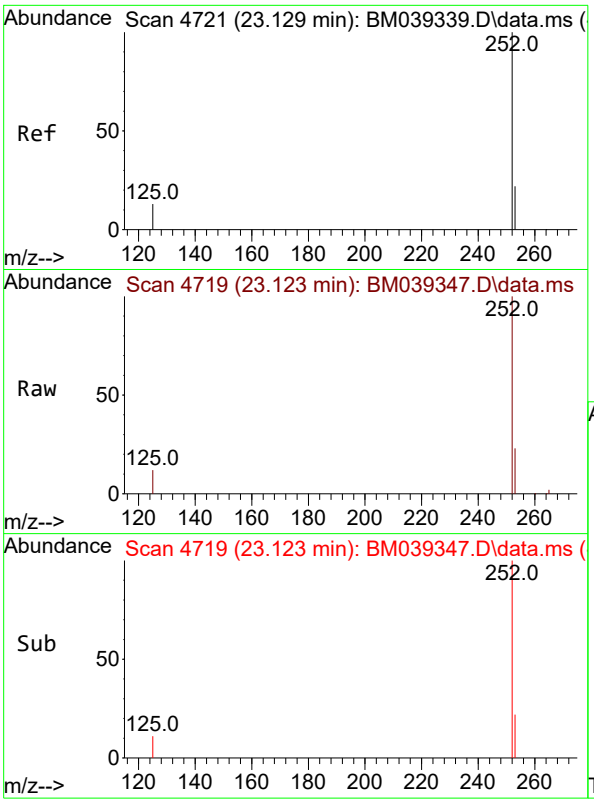


#22
Chrysene
Concen: 8.296 ng/ul
RT: 21.498 min Scan# 4163
Delta R.T. -0.006 min
Lab File: BM039347.D
Acq: 07 Apr 2023 10:43

Tgt Ion:228 Resp: 470716

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.2
229	21.3	16.2	24.4



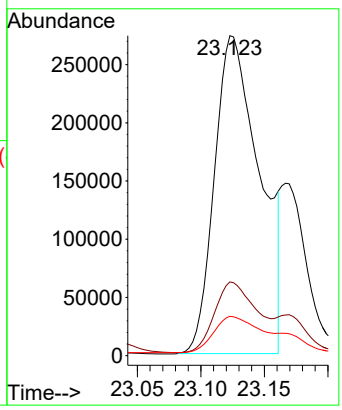


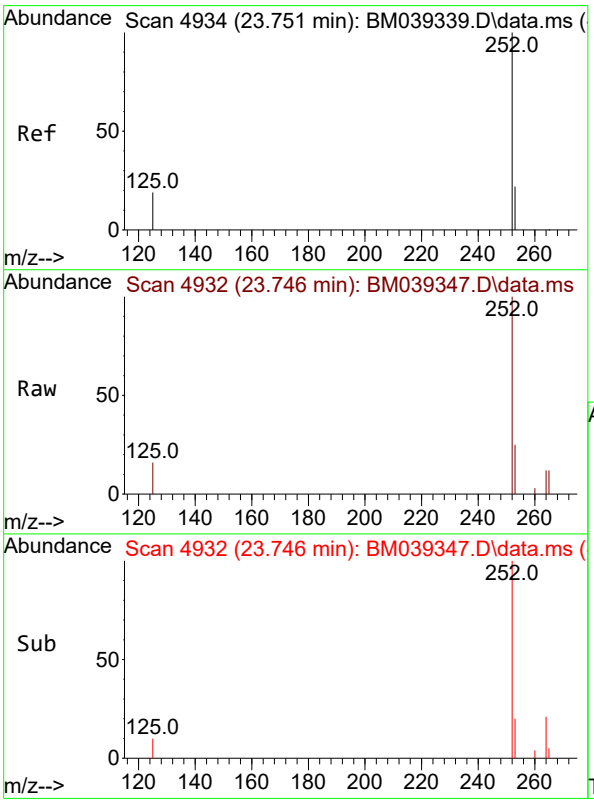
#24
Benzo(b)fluoranthene
Concen: 10.853 ng/ul
RT: 23.123 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM039347.D
Acq: 07 Apr 2023 10:43

Instrument :
BNA_M
ClientSampleId :
CB9C2

Tgt Ion:252 Resp: 675764

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	64.4
125	12.3	0.0	50.4

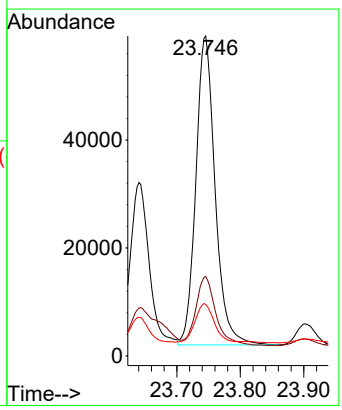


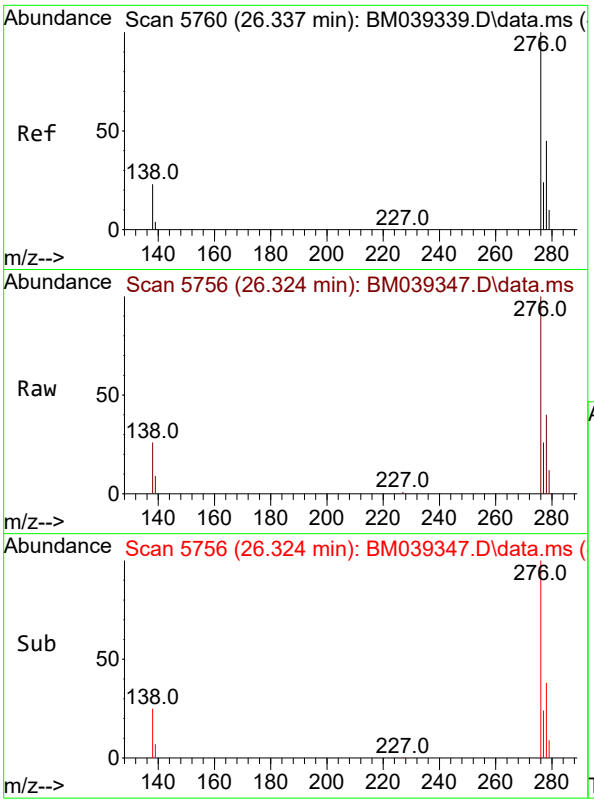


#26
Benzo(a)pyrene
Concen: 1.926 ng/ul
RT: 23.746 min Scan# 4932
Delta R.T. -0.003 min
Lab File: BM039347.D
Acq: 07 Apr 2023 10:43

Tgt Ion:252 Resp: 120878

Ion	Ratio	Lower	Upper
252	100		
253	24.8	31.0	46.4#
125	16.1	28.2	42.4#



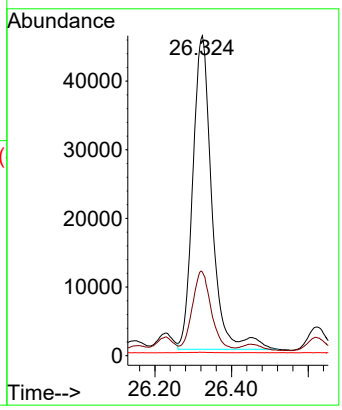


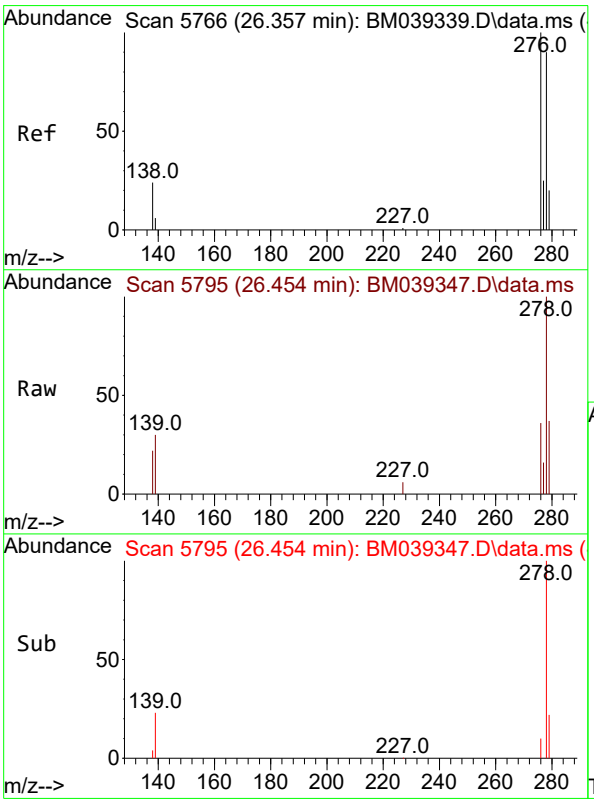
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.001 ng/ul
RT: 26.324 min Scan# 5
Delta R.T. -0.014 min
Lab File: BM039347.D
Acq: 07 Apr 2023 10:43

Instrument :
BNA_M
ClientSampleId :
CB9C2

Tgt Ion:276 Resp: 158162

Ion	Ratio	Lower	Upper
276	100		
138	23.9	21.4	32.0
227	0.1	0.1	0.1

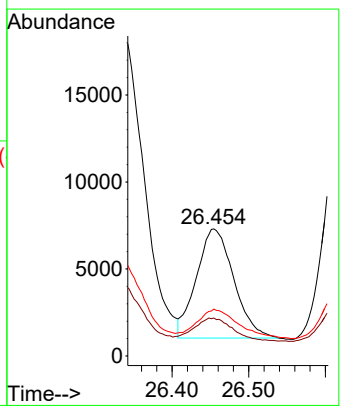


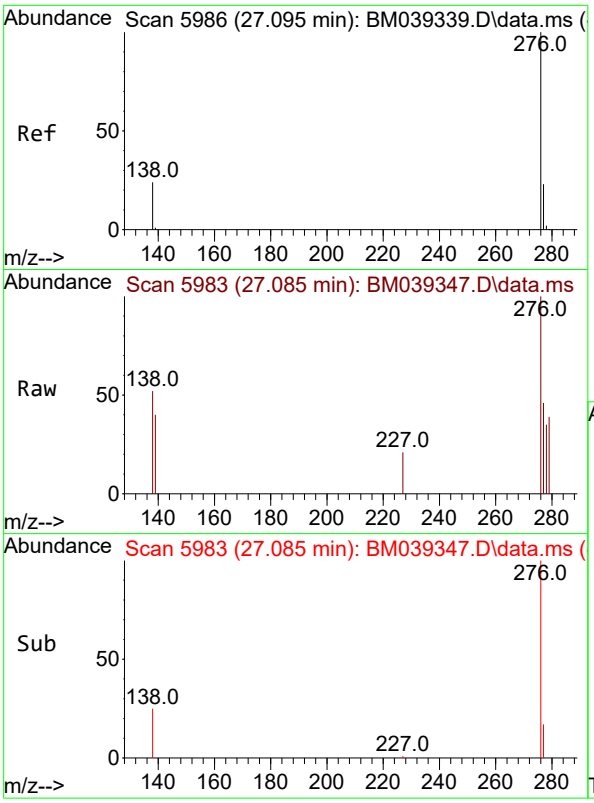


#28
Dibenzo(a,h)anthracene
Concen: 0.384 ng/ul
RT: 26.454 min Scan# 5795
Delta R.T. 0.100 min
Lab File: BM039347.D
Acq: 07 Apr 2023 10:43

Tgt Ion:278 Resp: 21256

Ion	Ratio	Lower	Upper
278	100		
139	29.8	21.8	32.6
279	36.8	30.0	45.0





#29
Benzo(g,h,i)perylene
Concen: 0.094 ng/ul
RT: 27.085 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM039347.D
Acq: 07 Apr 2023 10:43

Instrument :
BNA_M
ClientSampleId :
CB9C2

Tgt Ion:276 Resp: 7161

Ion	Ratio	Lower	Upper
276	100		
138	52.1	22.2	33.2#
277	45.7	21.2	31.8#