Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071123\
Data File : BM040817.D
Acq On : 11 Jul 2023 18:01
Operator : MA/JU
Sample : 03414-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4637

Quant Time: Jul 12 04:35:06 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 : Tue Jul 11 03:54:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.883	152	3212	0.400	ng/ul	0.00
4) Naphthalene-d8	10.686	136	12180	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.527	164	5925	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.278	188	11161	0.400	ng/ul	-0.01
17) Chrysene-d12	21.469	240	7652	0.400	ng/ul	-0.02
23) Perylene-d12	23.857	264	5848	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	6296	1.248	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.280	152	1306	0.076	ng/ul	0.00
18) Fluoranthene-d10	19.306	212	2127	0.087	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.735	128	6594	0.196	ng/ul	97
7) 2-Methylnaphthalene	12.352	142	705	0.036	ng/ul	100
8) 1-Methylnaphthalene	12.572	142	469	0.024	ng/ul	97
10) Acenaphthylene	14.245	152	3805	0.144	ng/ul#	89
11) Acenaphthene	14.587	153	1572	0.070	ng/ul	96
12) Fluorene	15.577	166	1981	0.083	ng/ul#	95
15) Phenanthrene	17.320	178	33436	0.964	ng/ul	99
16) Anthracene	17.413	178	10186	0.350	ng/ul	96
19) Fluoranthene	19.338	202	69230	2.130	ng/ul	97
20) Pyrene	19.701	202	63489	1.822	ng/ul	98
21) Benzo(a)anthracene	21.454	228	26764	1.034	ng/ul	95
22) Chrysene	21.504	228	25611	0.867	ng/ul	96
24) Benzo(b)fluoranthene	23.135	252	30079	1.329	ng/ul	97
26) Benzo(a)pyrene	23.754	252	18904	0.927	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.334	276	14587	0.514	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.344	278	3294	0.148	ng/ul#	72
29) Benzo(g,h,i)perylene	27.098	276	2865	0.115	ng/ul#	77

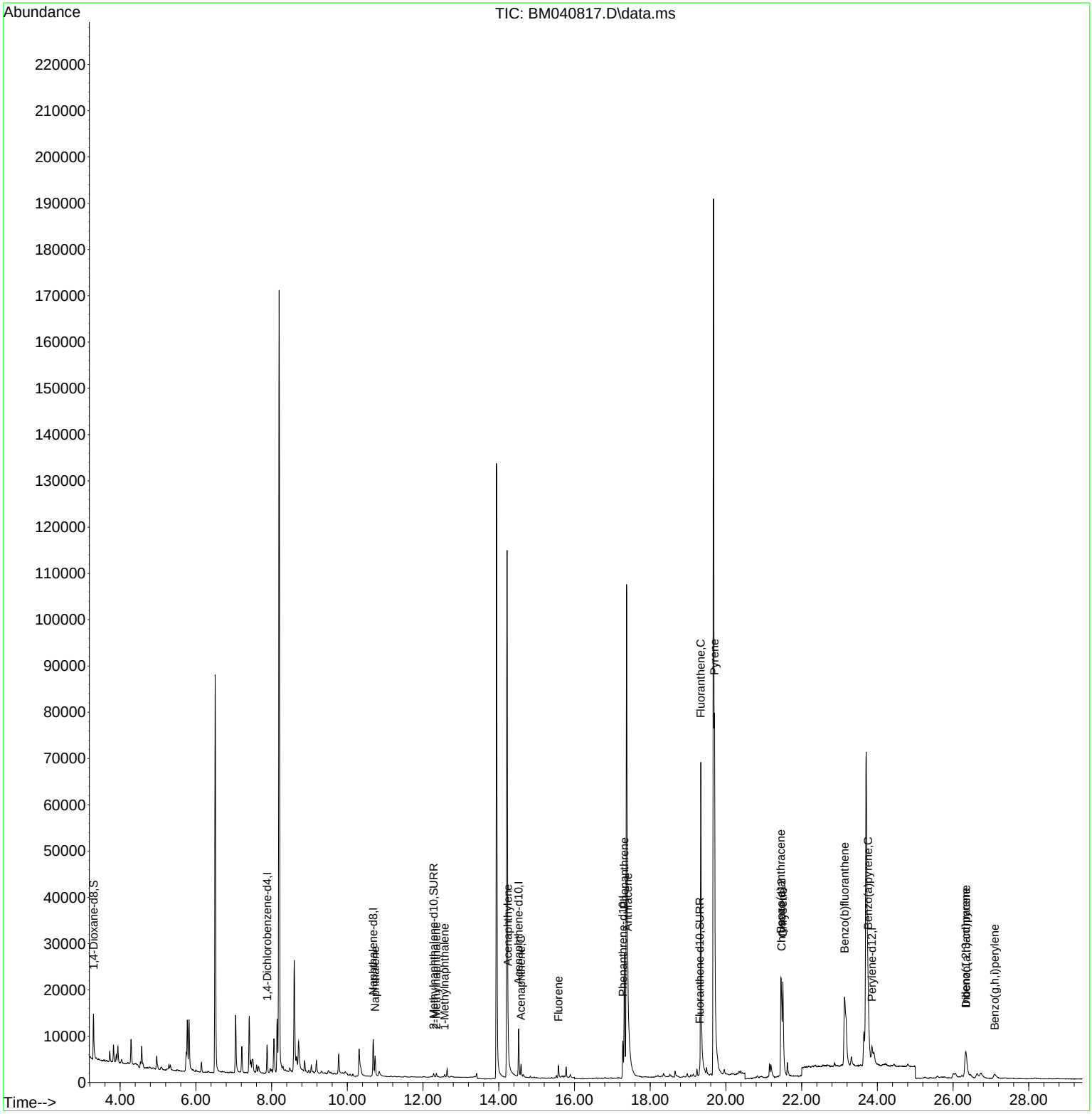
(#) = qualifier out of range (m) = manual integration (+) = signals summed

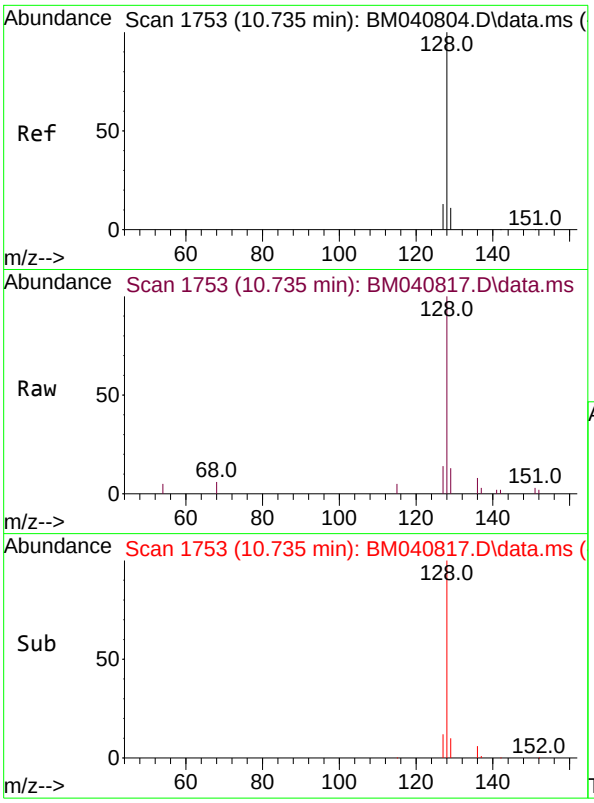
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071123\
Data File : BM040817.D
Acq On : 11 Jul 2023 18:01
Operator : MA/JU
Sample : 03414-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4637

Quant Time: Jul 12 04:35:06 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 : Tue Jul 11 03:54:24 2023
Response via : Initial Calibration



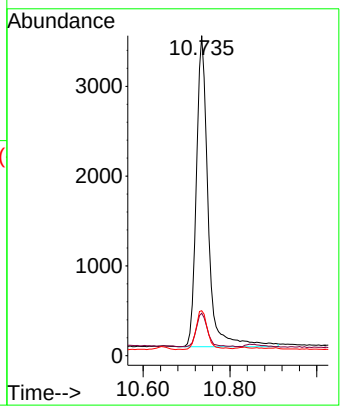


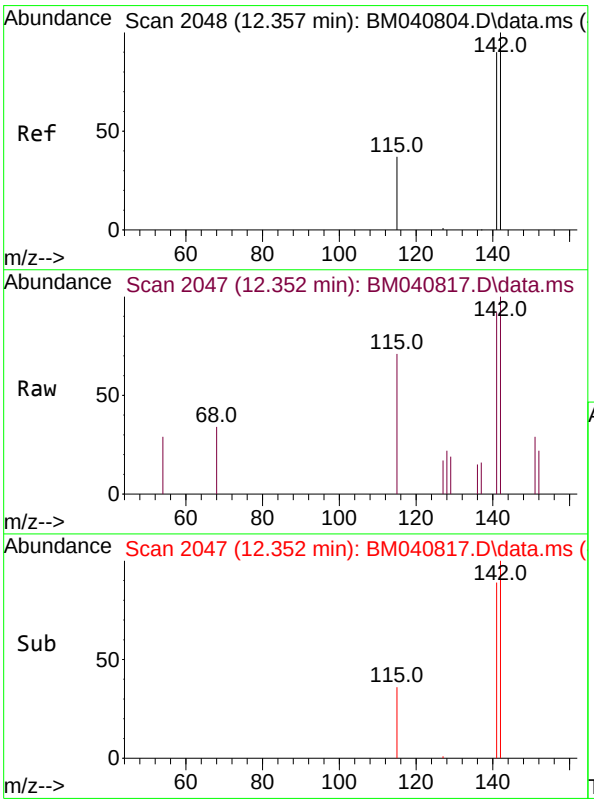
#5
Naphthalene
Concen: 0.196 ng/ul
RT: 10.735 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01

Instrument :
BNA_M
ClientSampleId :
A4637

Tgt Ion:128 Resp: 6594

Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.2	13.8
127	14.1	10.6	15.8

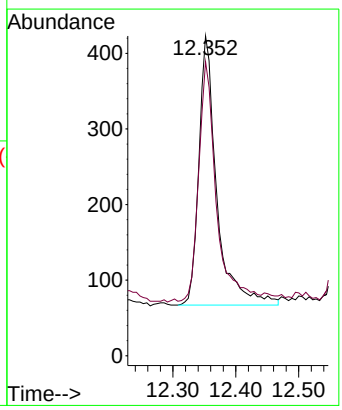


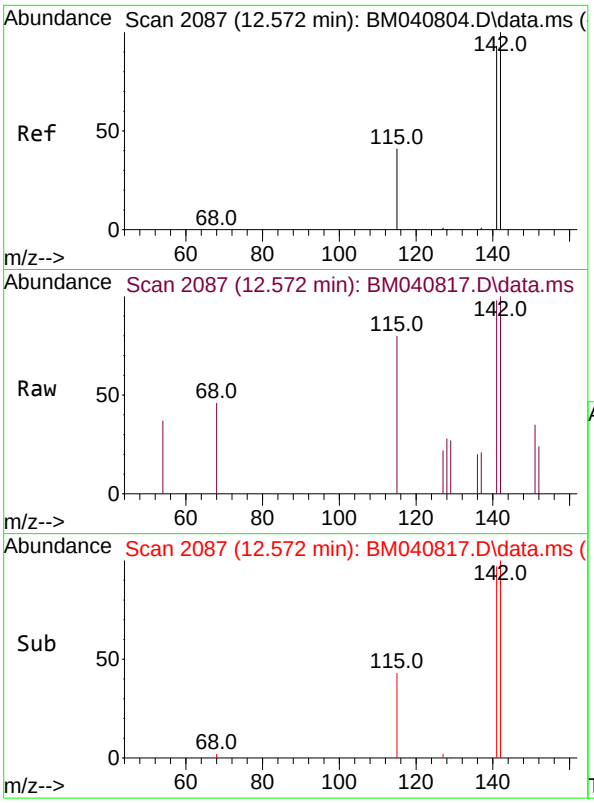


#7
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.352 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01

Tgt Ion:142 Resp: 705

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.9	107.9



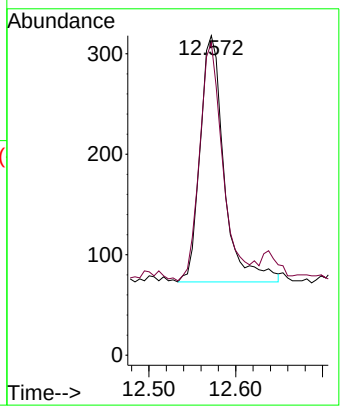


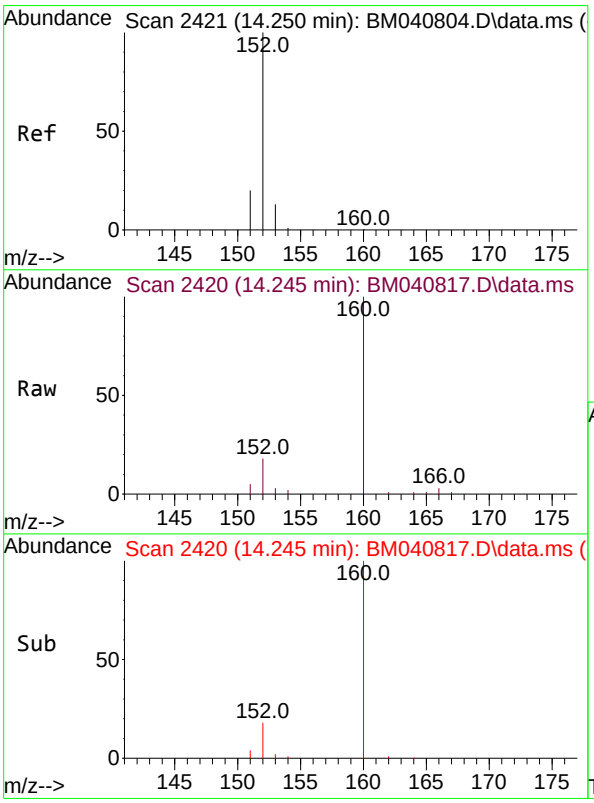
#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.572 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01

Instrument :
BNA_M
ClientSampleId :
A4637

Tgt Ion:142 Resp: 469

Ion	Ratio	Lower	Upper
142	100		
141	95.3	73.7	110.5

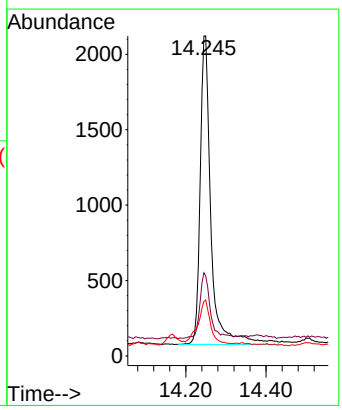


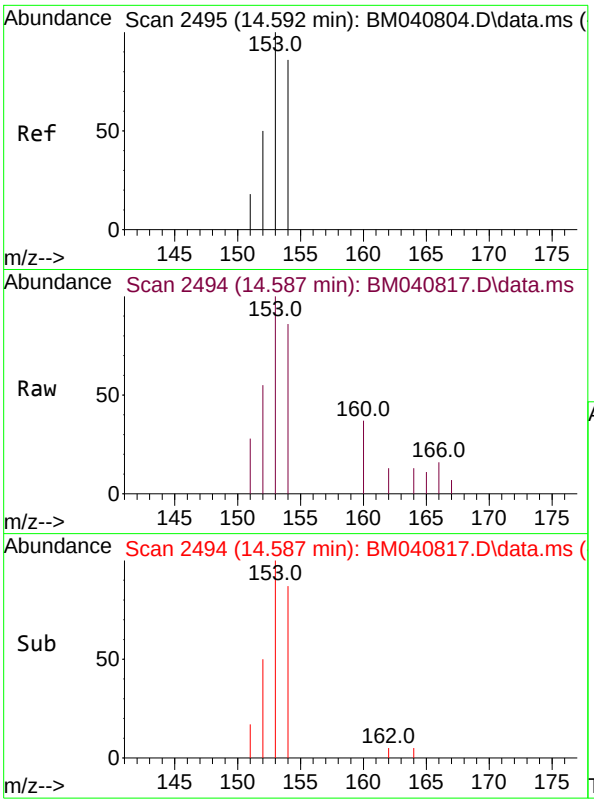


#10
Acenaphthylene
Concen: 0.144 ng/ul
RT: 14.245 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01

Tgt Ion:152 Resp: 3805

Ion	Ratio	Lower	Upper
152	100		
151	26.0	16.2	24.2#
153	17.1	10.9	16.3#



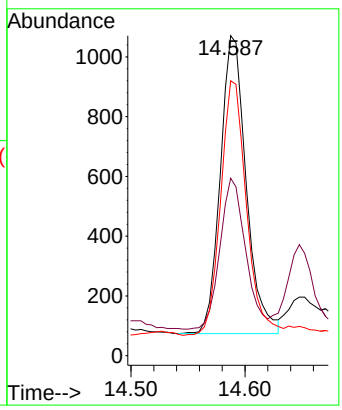


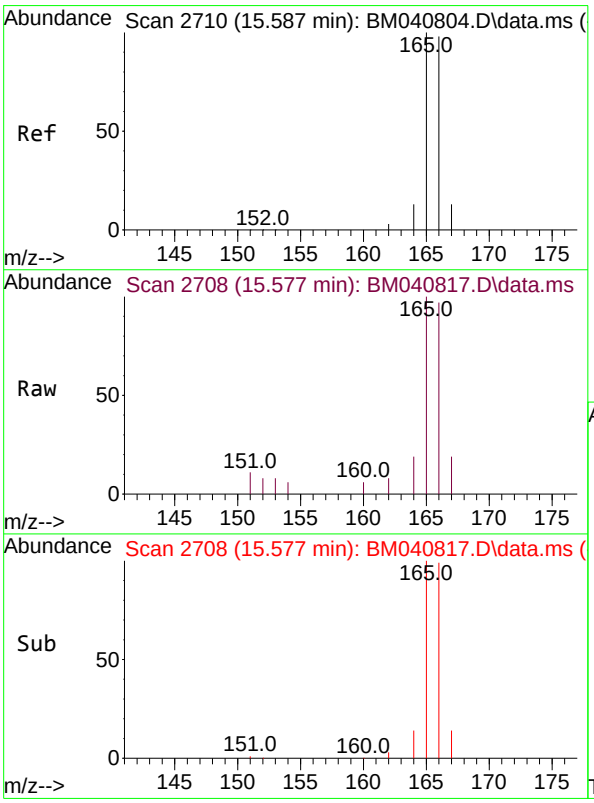
#11
Acenaphthene
Concen: 0.070 ng/ul
RT: 14.587 min Scan# 24
Delta R.T. -0.009 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01

Instrument :
BNA_M
ClientSampleId :
A4637

Tgt Ion:153 Resp: 1572

Ion	Ratio	Lower	Upper
153	100		
152	55.5	41.0	61.4
154	85.9	70.8	106.2

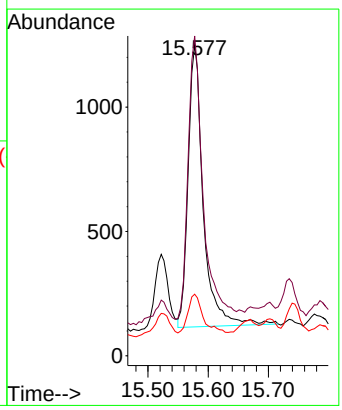


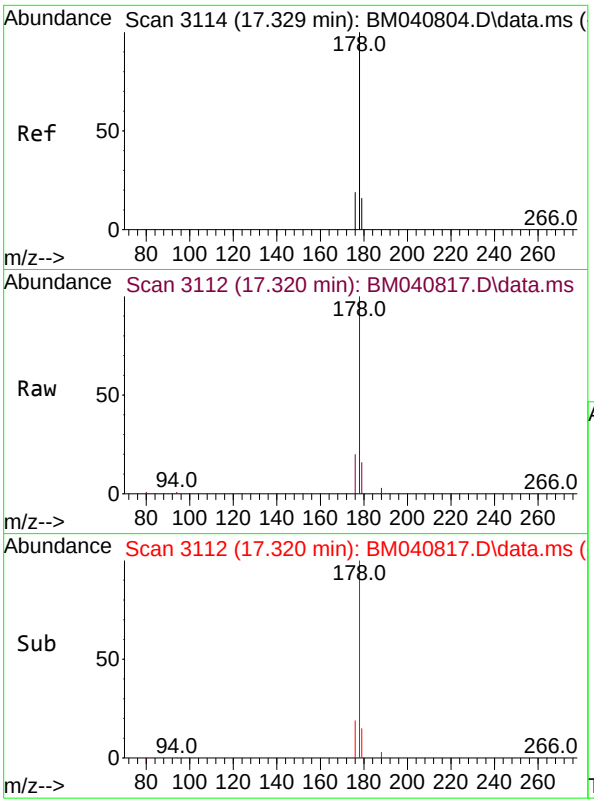


#12
Fluorene
Concen: 0.083 ng/ul
RT: 15.577 min Scan# 2708
Delta R.T. -0.014 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01

Tgt Ion:166 Resp: 1981

Ion	Ratio	Lower	Upper
166	100		
165	103.0	79.6	119.4
167	19.9	11.4	17.0#



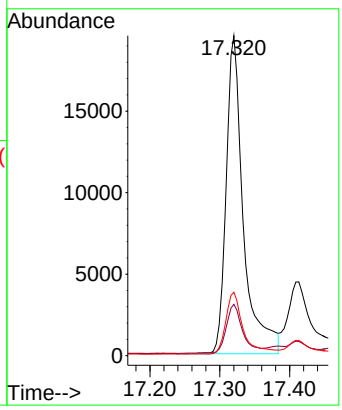


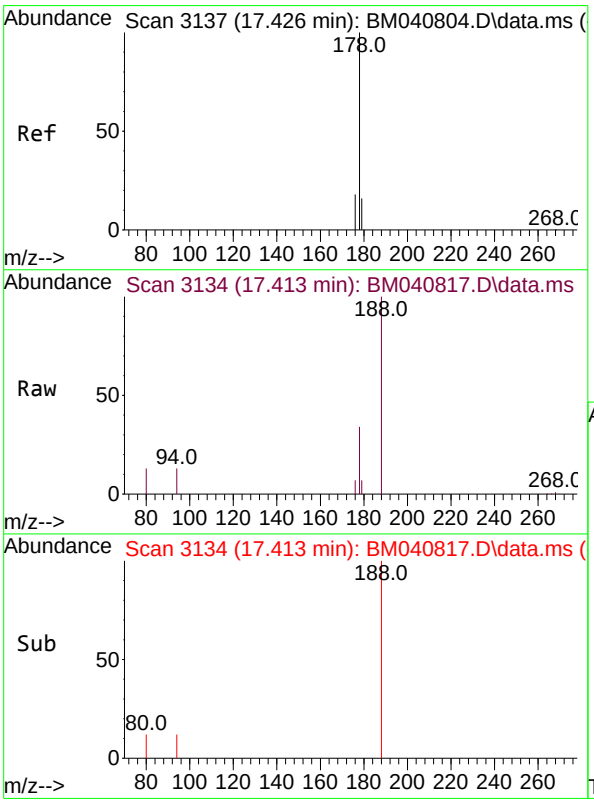
#15
Phenanthrene
Concen: 0.964 ng/ul
RT: 17.320 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01

Instrument :
BNA_M
ClientSampleId :
A4637

Tgt Ion:178 Resp: 33436

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.8	19.2
176	19.9	16.4	24.6

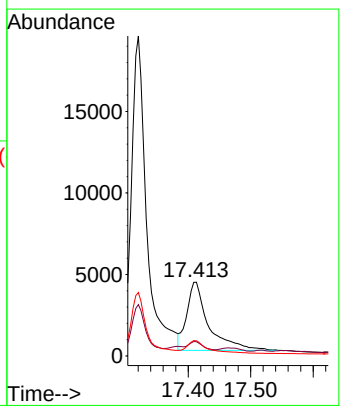


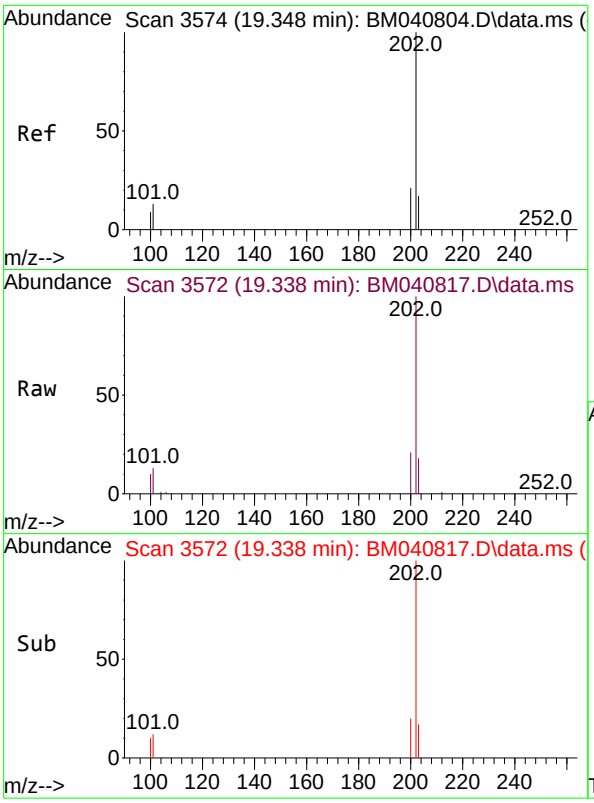


#16
Anthracene
Concen: 0.350 ng/ul
RT: 17.413 min Scan# 3134
Delta R.T. -0.017 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01

Tgt Ion:178 Resp: 10186

Ion	Ratio	Lower	Upper
178	100		
179	19.3	12.9	19.3
176	20.6	15.8	23.6



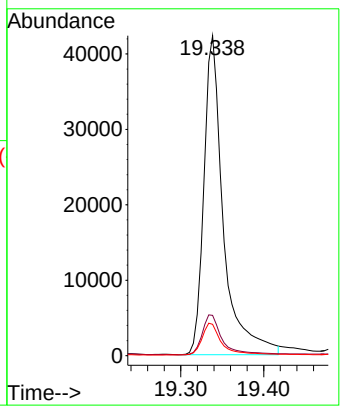


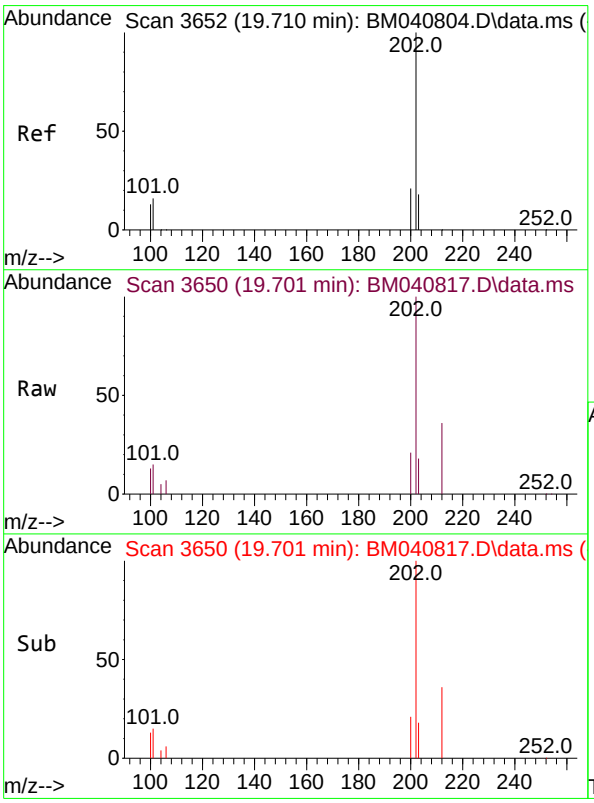
#19
Fluoranthene
Concen: 2.130 ng/ul
RT: 19.338 min Scan# 3
Delta R.T. -0.014 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01

Instrument :
BNA_M
ClientSampleId :
A4637

Tgt Ion:202 Resp: 69230

Ion	Ratio	Lower	Upper
202	100		
101	12.6	11.4	17.0
100	9.8	8.7	13.1

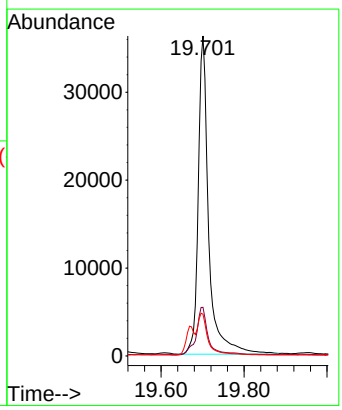


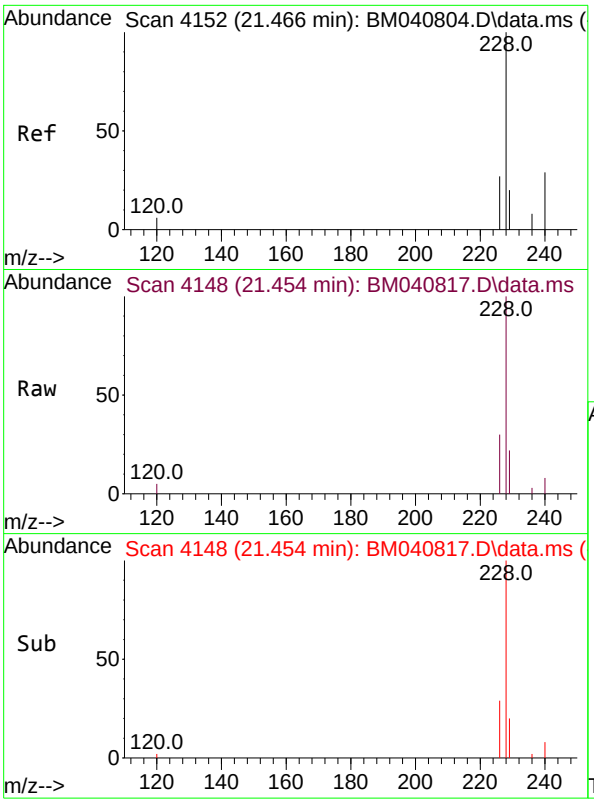


#20
Pyrene
Concen: 1.822 ng/ul
RT: 19.701 min Scan# 3650
Delta R.T. -0.014 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01

Tgt Ion:202 Resp: 63489

Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.6	18.8
100	13.1	9.8	14.6



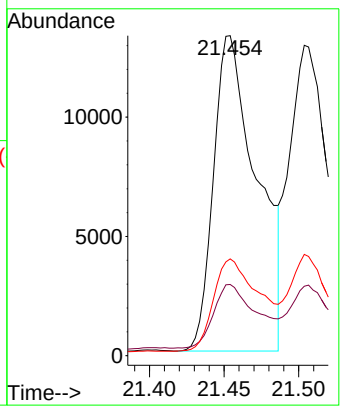


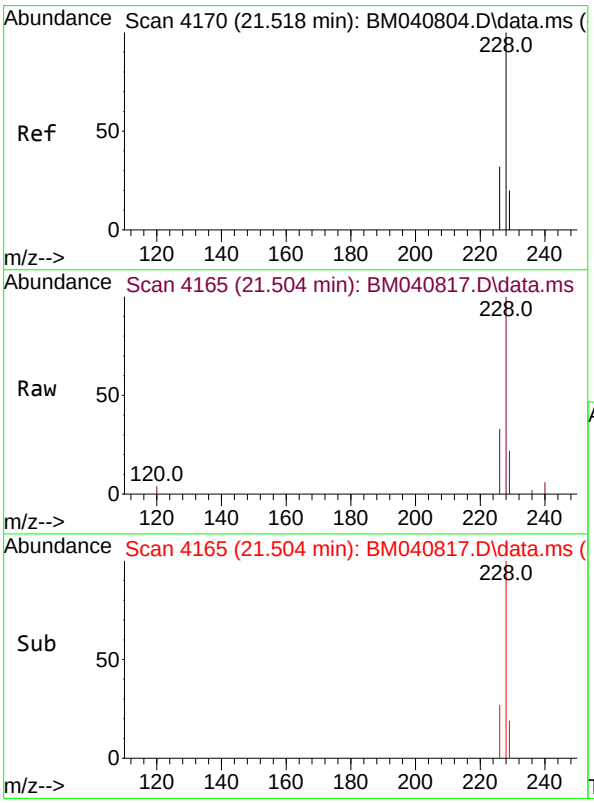
#21
Benzo(a)anthracene
Concen: 1.034 ng/ul
RT: 21.454 min Scan# 4
Delta R.T. -0.015 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01

Instrument :
BNA_M
ClientSampleId :
A4637

Tgt Ion:228 Resp: 26764

Ion	Ratio	Lower	Upper
228	100		
229	22.2	16.0	24.0
226	30.2	22.3	33.5

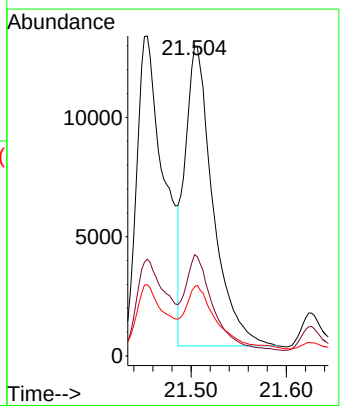


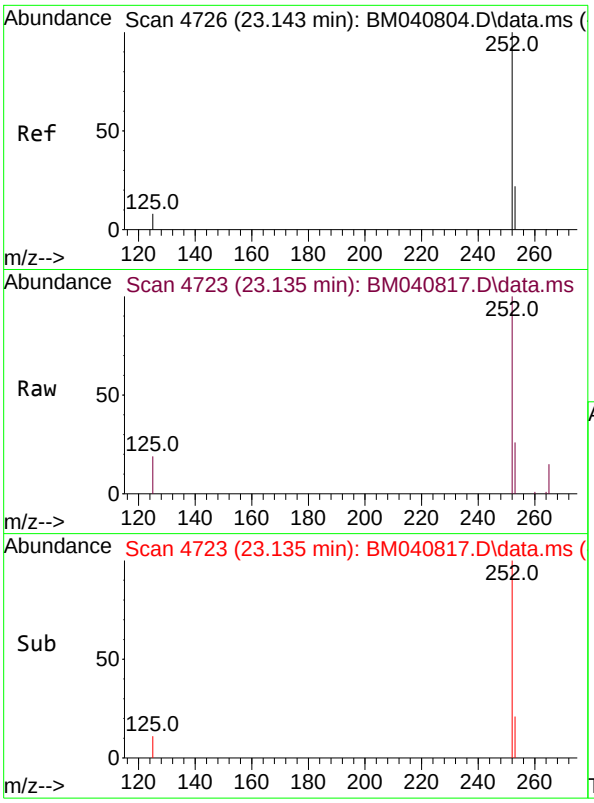


#22
Chrysene
Concen: 0.867 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. -0.017 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01

Tgt Ion:228 Resp: 25611

Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.9	37.3
229	22.4	15.8	23.6



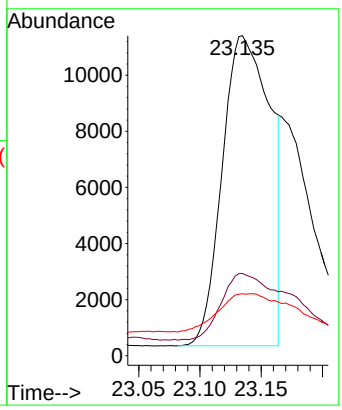


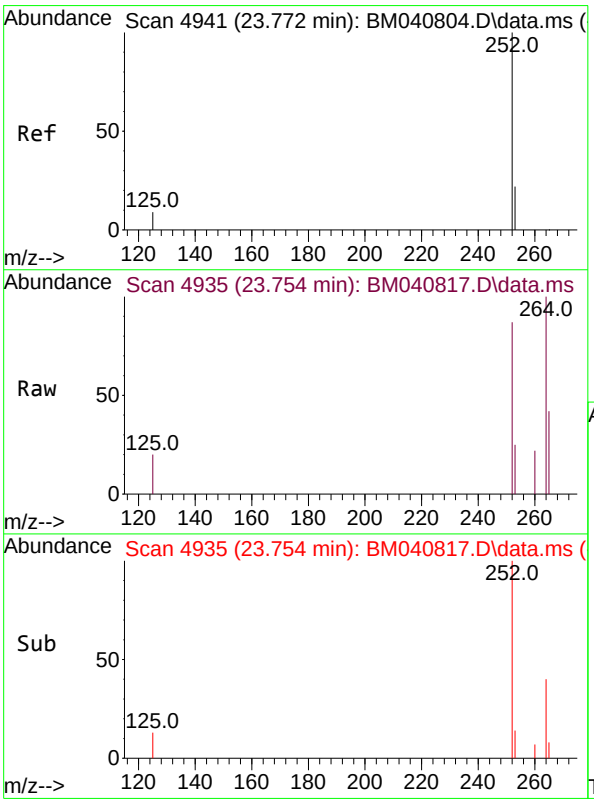
#24
Benzo(b)fluoranthene
Concen: 1.329 ng/ul
RT: 23.135 min Scan# 4
Delta R.T. -0.015 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01

Instrument :
BNA_M
ClientSampleId :
A4637

Tgt Ion:252 Resp: 30079

Ion	Ratio	Lower	Upper
252	100		
253	25.7	0.0	52.8
125	19.3	0.0	43.0

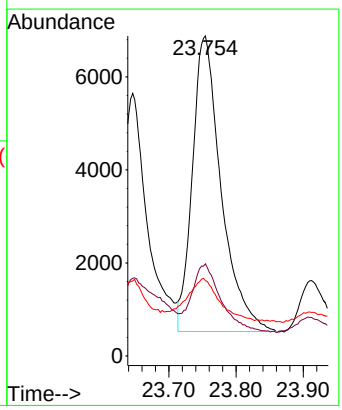


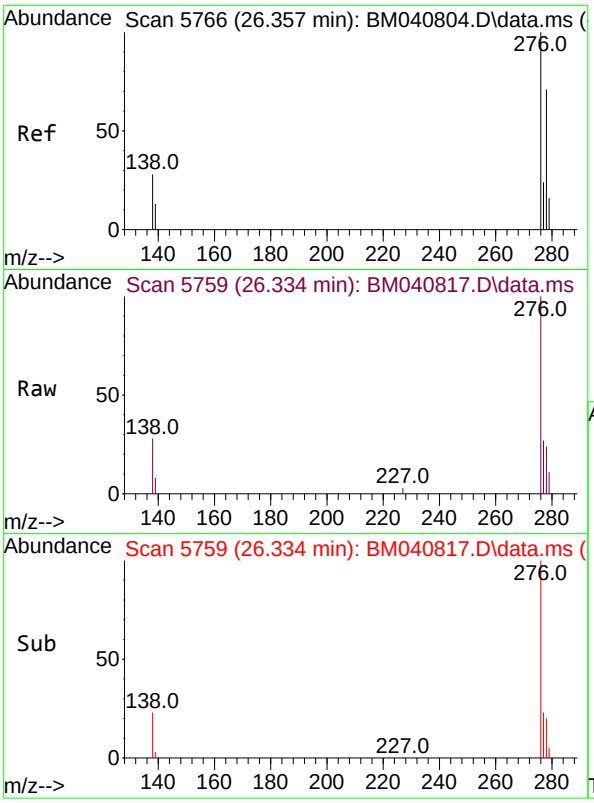


#26
Benzo(a)pyrene
Concen: 0.927 ng/ul
RT: 23.754 min Scan# 4935
Delta R.T. -0.020 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01

Tgt Ion:252 Resp: 18904

Ion	Ratio	Lower	Upper
252	100		
253	28.8	22.9	34.3
125	23.6	21.0	31.4



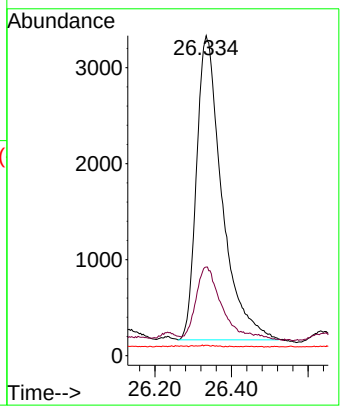


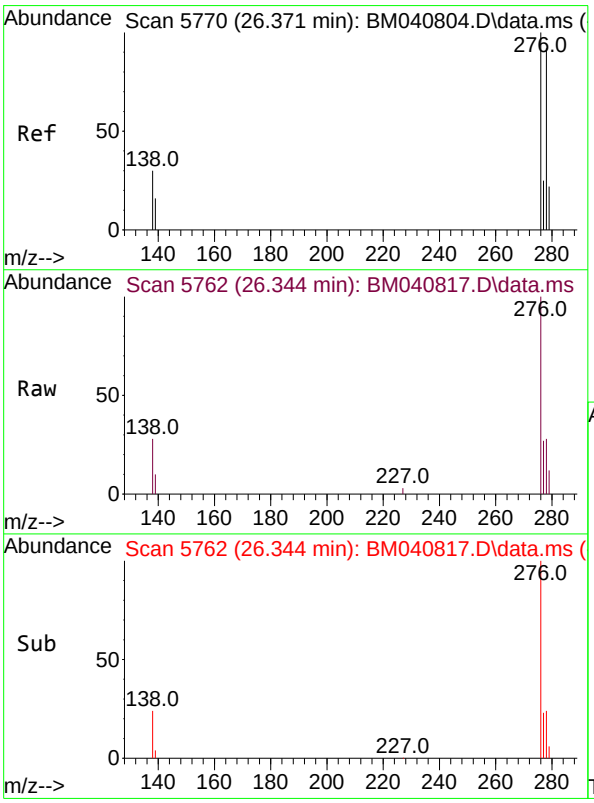
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.514 ng/ul
RT: 26.334 min Scan# 5
Delta R.T. -0.027 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01

Instrument :
BNA_M
ClientSampleId :
A4637

Tgt Ion:276 Resp: 14587

Ion	Ratio	Lower	Upper
276	100		
138	24.3	24.5	36.7#
227	0.2	0.1	0.1#

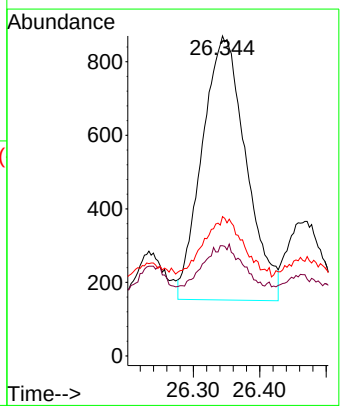


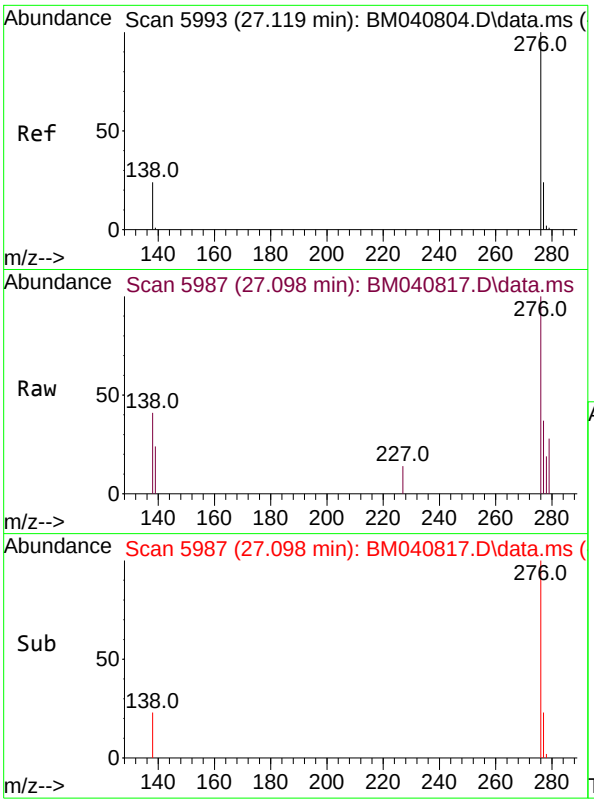


#28
Dibenzo(a,h)anthracene
Concen: 0.148 ng/ul
RT: 26.344 min Scan# 5762
Delta R.T. -0.030 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01

Tgt Ion:278 Resp: 3294

Ion	Ratio	Lower	Upper
278	100		
139	34.5	17.9	26.9#
279	43.6	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.115 ng/ul
RT: 27.098 min Scan# 5
Delta R.T. -0.020 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01

Instrument :
BNA_M
ClientSampleId :
A4637

Tgt Ion:276 Resp: 2865

Ion	Ratio	Lower	Upper
276	100		
138	41.4	23.0	34.6#
277	36.6	20.3	30.5#