Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
Data File : BM040935.D
Acq On : 17 Jul 2023 23:06
Operator : MA/JU
Sample : 03458-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A46M9

Quant Time: Jul 18 02:48:14 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 15 03:58:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	4700	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.653	136	14834	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.500	164	6543	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.249	188	13633	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.442	240	9584	0.400	ng/ul	0.00
23) Perylene-d12	23.816	264	10509	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	23246	3.149	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.247	152	3358	0.161	ng/ul	-0.01
18) Fluoranthene-d10	19.283	212	5039	0.164	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.702	128	13549	0.331	ng/ul	97
7) 2-Methylnaphthalene	12.319	142	3599	0.150	ng/ul	98
8) 1-Methylnaphthalene	12.539	142	7326	0.305	ng/ul	96
10) Acenaphthylene	14.222	152	4690	0.160	ng/ul#	82
11) Acenaphthene	14.564	153	29825	1.208	ng/ul	98
12) Fluorene	15.550	166	29625	1.124	ng/ul	99
15) Phenanthrene	17.291	178	227980	5.384	ng/ul	99
16) Anthracene	17.384	178	38589	1.084	ng/ul	99
19) Fluoranthene	19.311	202	219379	5.389	ng/ul	97
20) Pyrene	19.678	202	116799	2.676	ng/ul	97
21) Benzo(a)anthracene	21.425	228	70401	2.172	ng/ul	98
22) Chrysene	21.478	228	71352	1.930	ng/ul	98
24) Benzo(b)fluoranthene	23.094	252	86047	2.116	ng/ul	91
26) Benzo(a)pyrene	23.711	252	18422	0.503	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.263	276	20105	0.394	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.277	278	8853	0.222	ng/ul#	90
29) Benzo(g,h,i)perylene	27.032	276	1119	0.025	ng/ul#	37

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
Data File : BM040935.D
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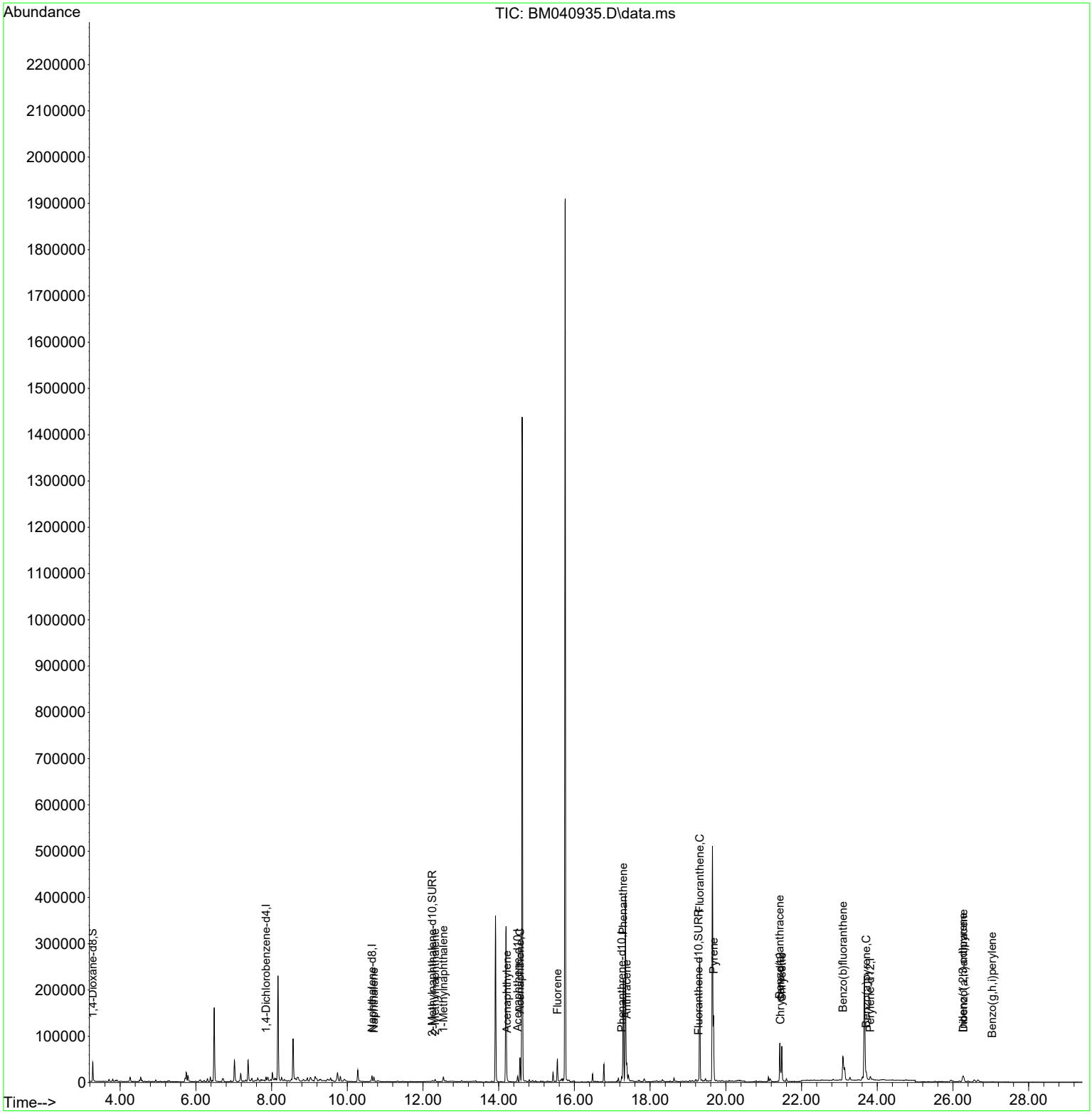
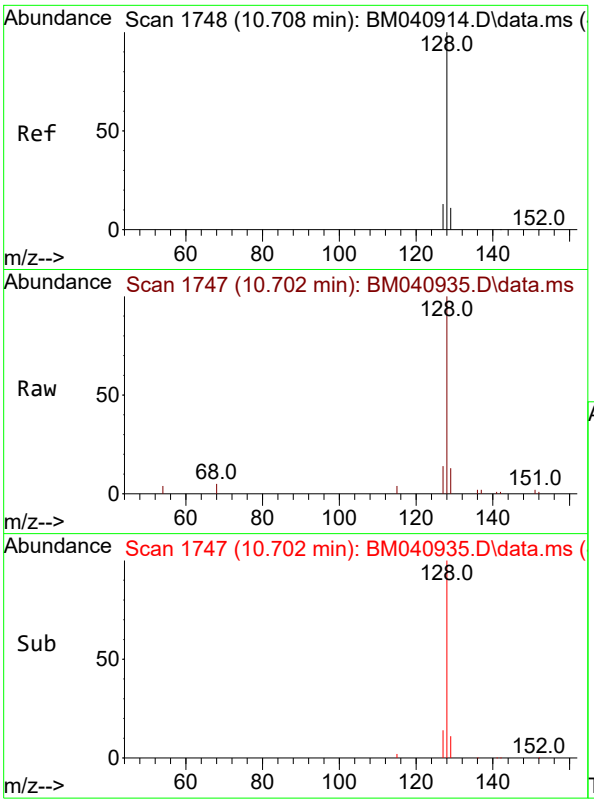
Sample : 03458-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A46M9

Quant Time: Jul 18 02:48:14 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 15 03:58:02 2023
Response via : Initial Calibration



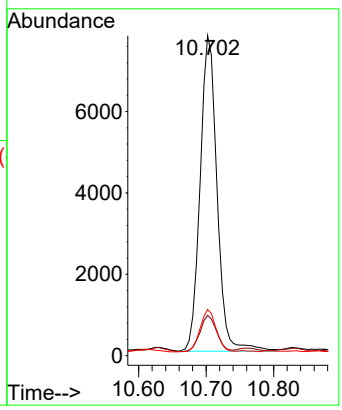


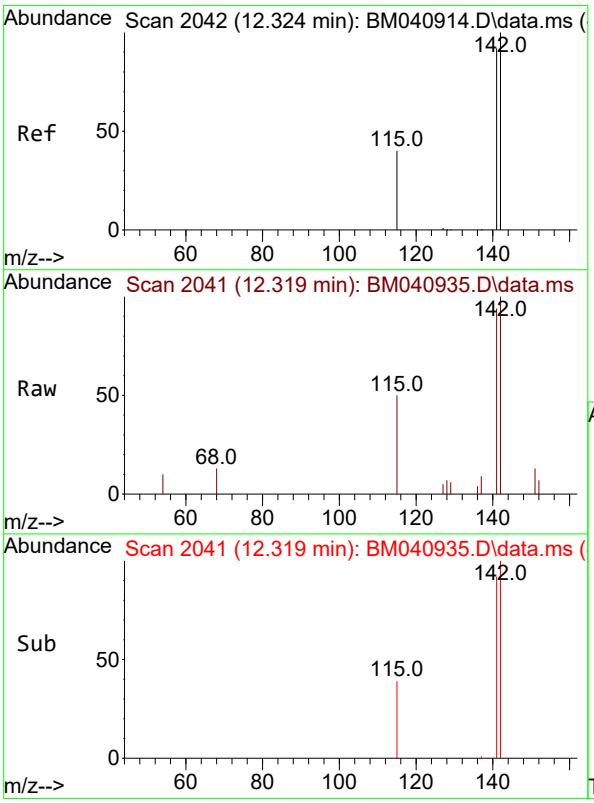
#5
Naphthalene
Concen: 0.331 ng/ul
RT: 10.702 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM040935.D
Acq: 17 Jul 2023 23:06

Instrument :
BNA_M
ClientSampleId :
A46M9

Tgt Ion:128 Resp: 13549

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.2	13.8
127	14.5	10.6	15.8

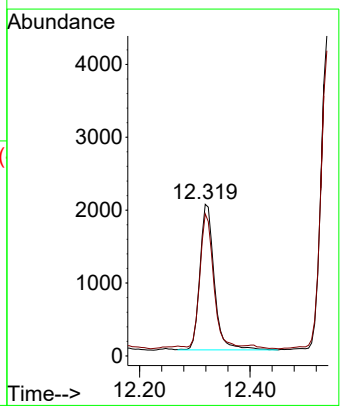


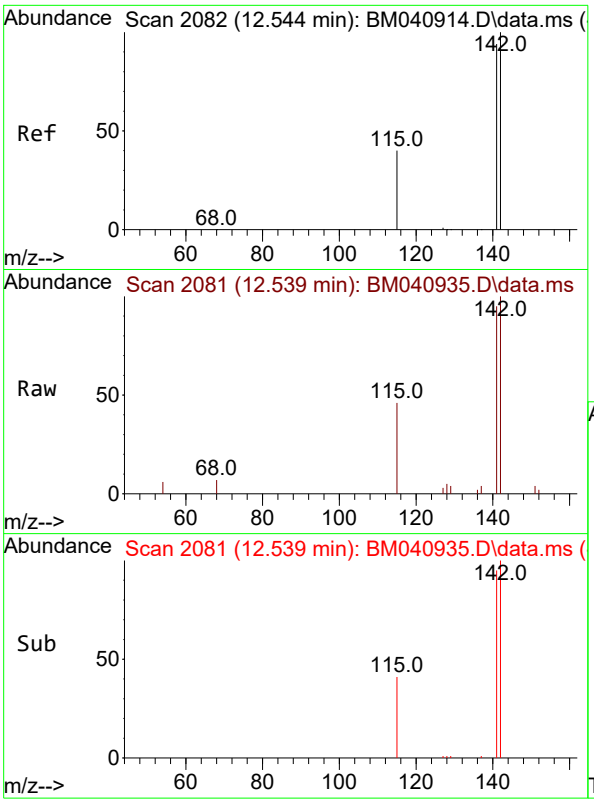


#7
2-Methylnaphthalene
Concen: 0.150 ng/ul
RT: 12.319 min Scan# 2041
Delta R.T. -0.011 min
Lab File: BM040935.D
Acq: 17 Jul 2023 23:06

Tgt Ion:142 Resp: 3599

Ion	Ratio	Lower	Upper
142	100		
141	92.2	71.9	107.9



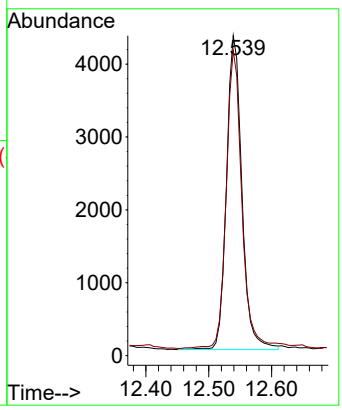


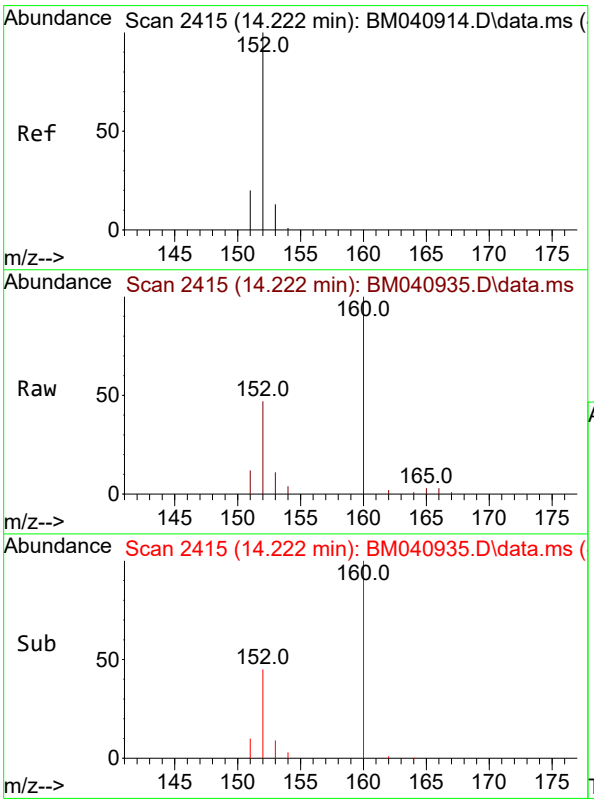
#8
1-Methylnaphthalene
Concen: 0.305 ng/ul
RT: 12.539 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM040935.D
Acq: 17 Jul 2023 23:06

Instrument :
BNA_M
ClientSampleId :
A46M9

Tgt Ion:142 Resp: 7326

Ion	Ratio	Lower	Upper
142	100		
141	96.4	73.7	110.5

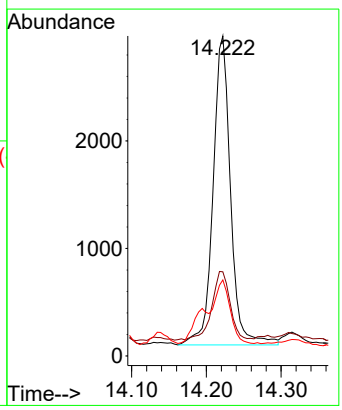


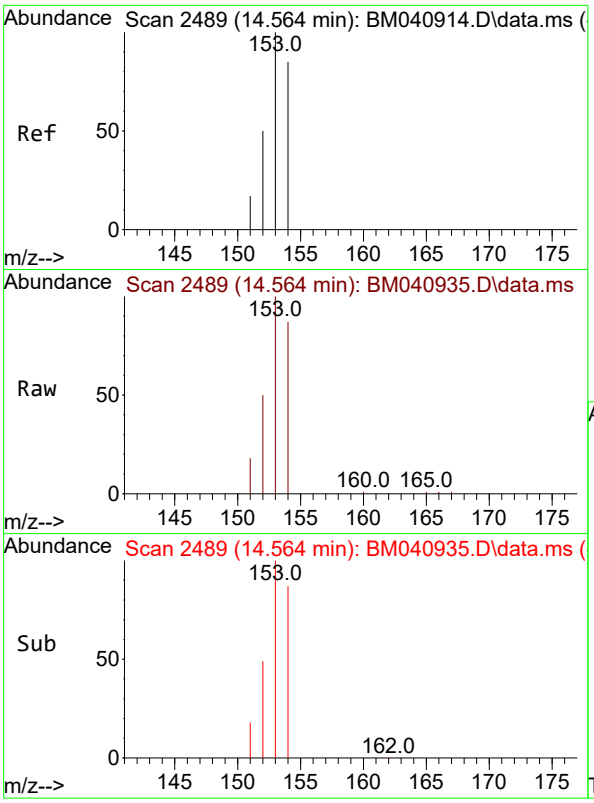


#10
Acenaphthylene
Concen: 0.160 ng/ul
RT: 14.222 min Scan# 2415
Delta R.T. -0.009 min
Lab File: BM040935.D
Acq: 17 Jul 2023 23:06

Tgt Ion:152 Resp: 4690

Ion	Ratio	Lower	Upper
152	100		
151	26.3	16.2	24.2#
153	23.7	10.9	16.3#



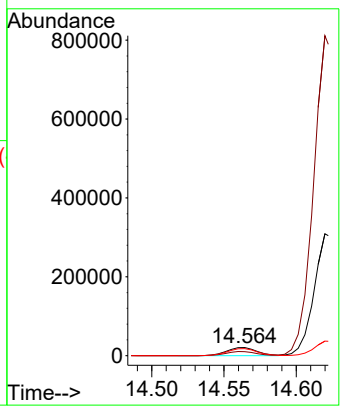


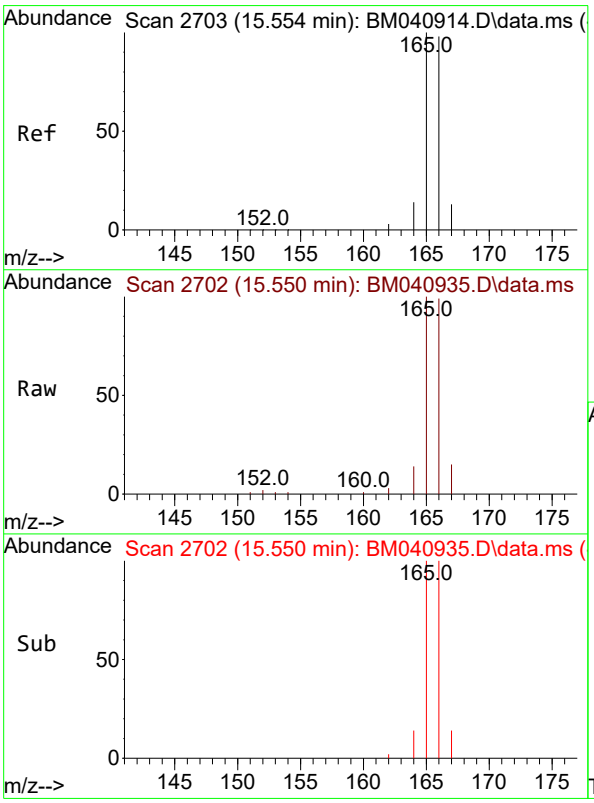
#11
Acenaphthene
Concen: 1.208 ng/ul
RT: 14.564 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM040935.D
Acq: 17 Jul 2023 23:06

Instrument :
BNA_M
ClientSampleId :
A46M9

Tgt Ion:153 Resp: 29825

Ion	Ratio	Lower	Upper
153	100		
152	49.7	41.0	61.4
154	86.5	70.8	106.2

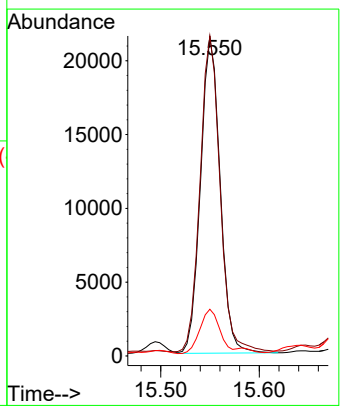


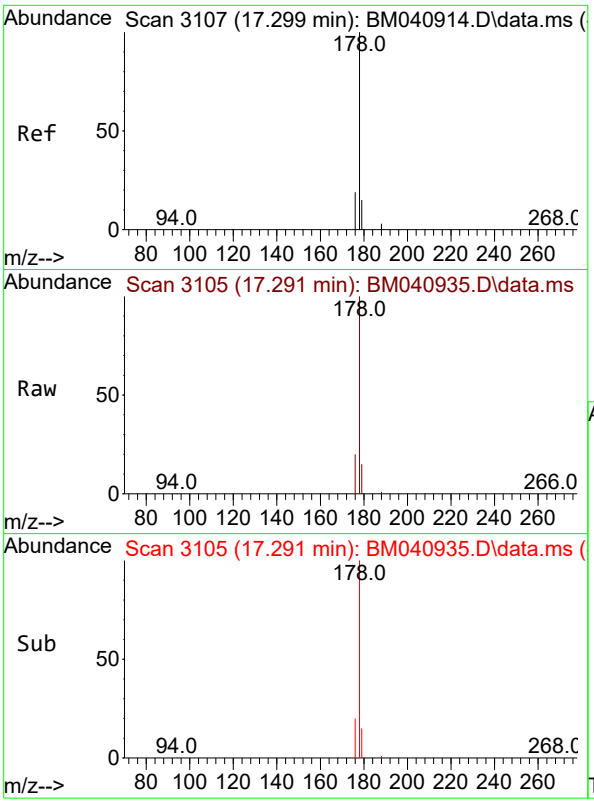


#12
Fluorene
Concen: 1.124 ng/ul
RT: 15.550 min Scan# 2702
Delta R.T. -0.009 min
Lab File: BM040935.D
Acq: 17 Jul 2023 23:06

Tgt Ion:166 Resp: 29625

Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.6	119.4
167	14.7	11.4	17.0



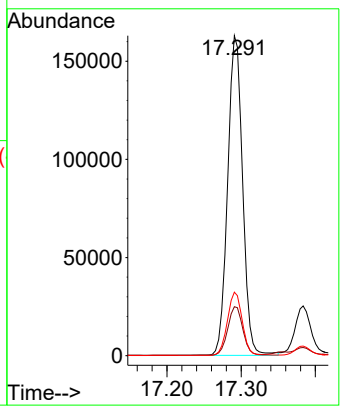


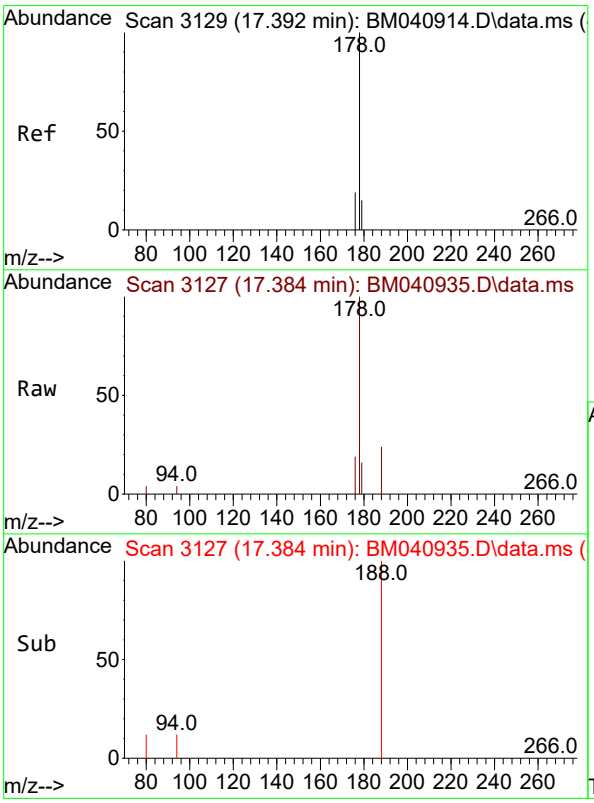
#15
Phenanthrene
Concen: 5.384 ng/ul
RT: 17.291 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM040935.D
Acq: 17 Jul 2023 23:06

Instrument :
BNA_M
ClientSampleId :
A46M9

Tgt Ion:178 Resp: 227980

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.8	19.2
176	19.9	16.4	24.6

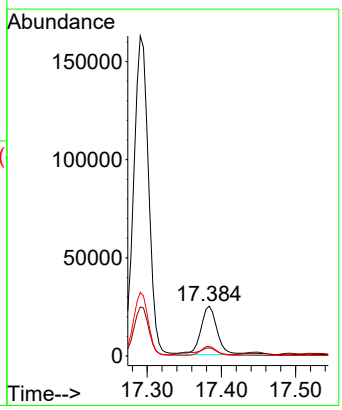


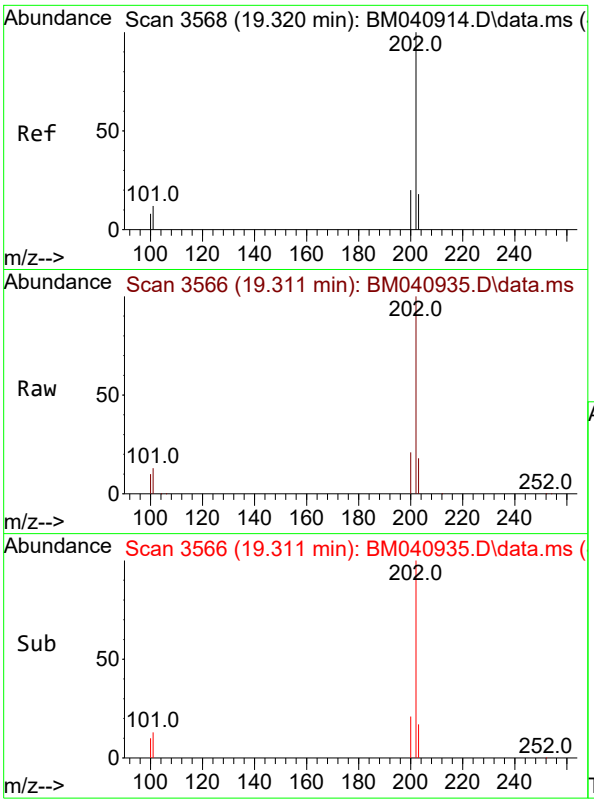


#16
Anthracene
Concen: 1.084 ng/ul
RT: 17.384 min Scan# 3127
Delta R.T. -0.013 min
Lab File: BM040935.D
Acq: 17 Jul 2023 23:06

Tgt Ion:178 Resp: 38589

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.9	19.3
176	19.4	15.8	23.6



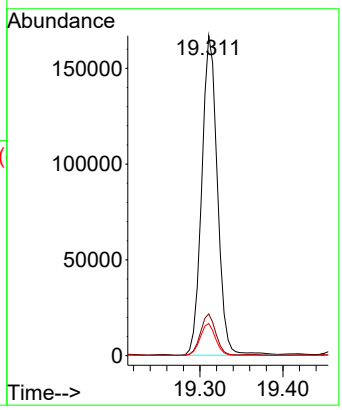


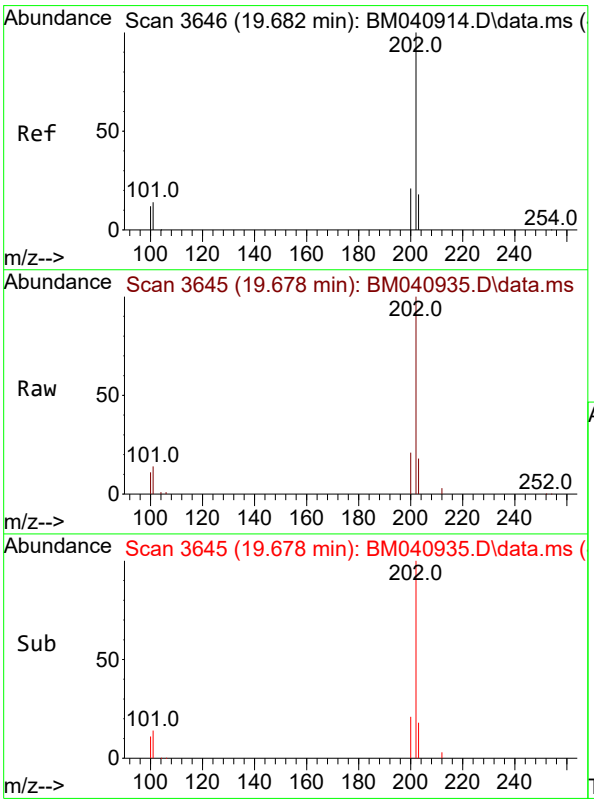
#19
Fluoranthene
Concen: 5.389 ng/ul
RT: 19.311 min Scan# 3
Delta R.T. -0.014 min
Lab File: BM040935.D
Acq: 17 Jul 2023 23:06

Instrument :
BNA_M
ClientSampleId :
A46M9

Tgt Ion:202 Resp: 219379

Ion	Ratio	Lower	Upper
202	100		
101	13.0	11.4	17.0
100	10.0	8.7	13.1

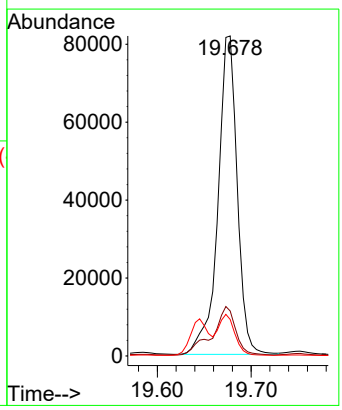


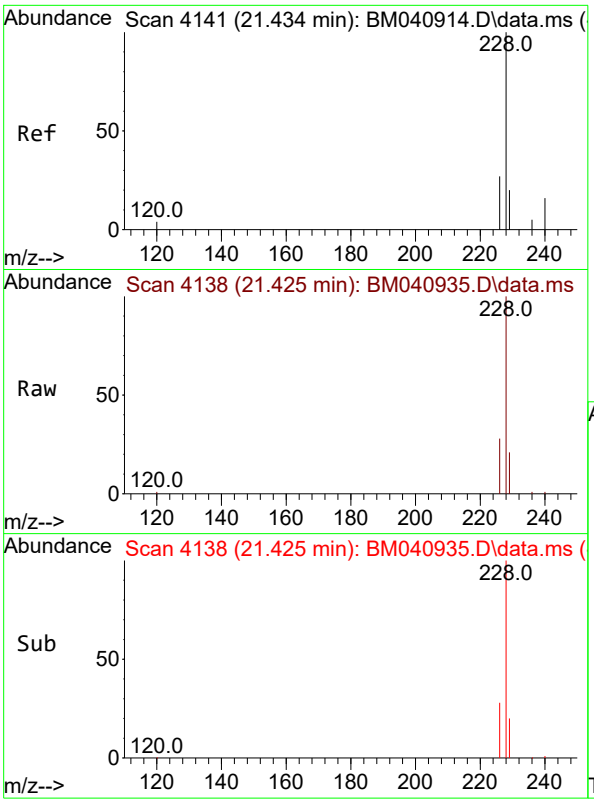


#20
Pyrene
Concen: 2.676 ng/ul
RT: 19.678 min Scan# 3645
Delta R.T. -0.009 min
Lab File: BM040935.D
Acq: 17 Jul 2023 23:06

Tgt Ion:202 Resp: 116799

Ion	Ratio	Lower	Upper
202	100		
101	14.1	12.6	18.8
100	11.4	9.8	14.6



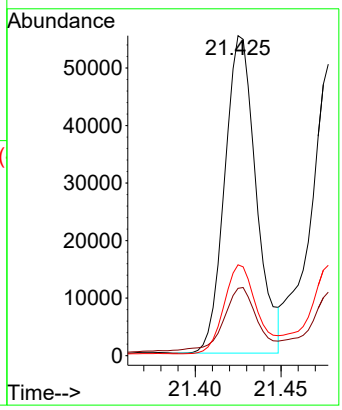


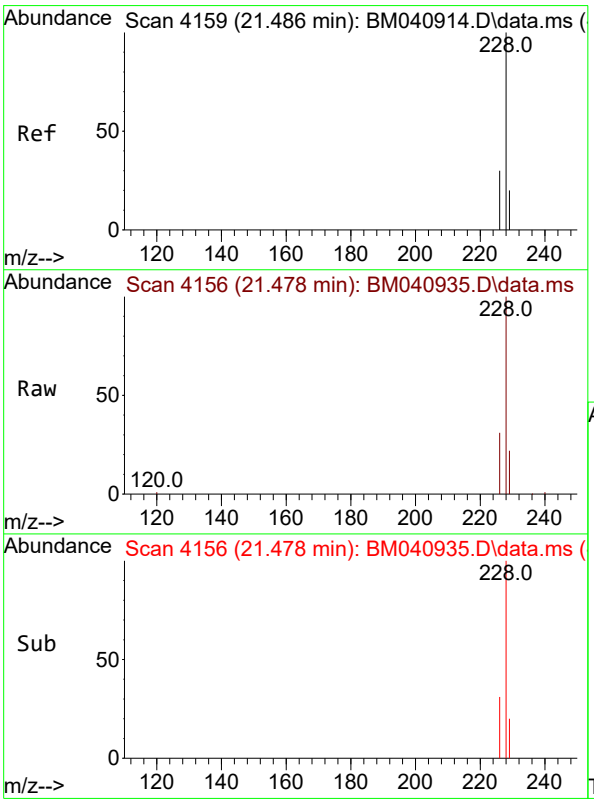
#21
Benzo(a)anthracene
Concen: 2.172 ng/ul
RT: 21.425 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM040935.D
Acq: 17 Jul 2023 23:06

Instrument :
BNA_M
ClientSampleId :
A46M9

Tgt Ion:228 Resp: 70401

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.0	24.0
226	28.4	22.3	33.5

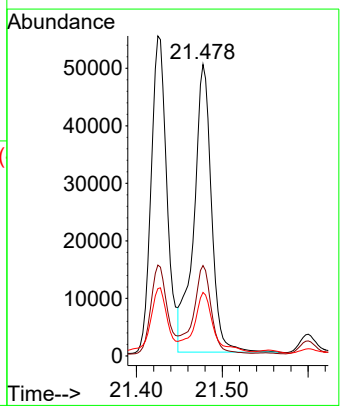


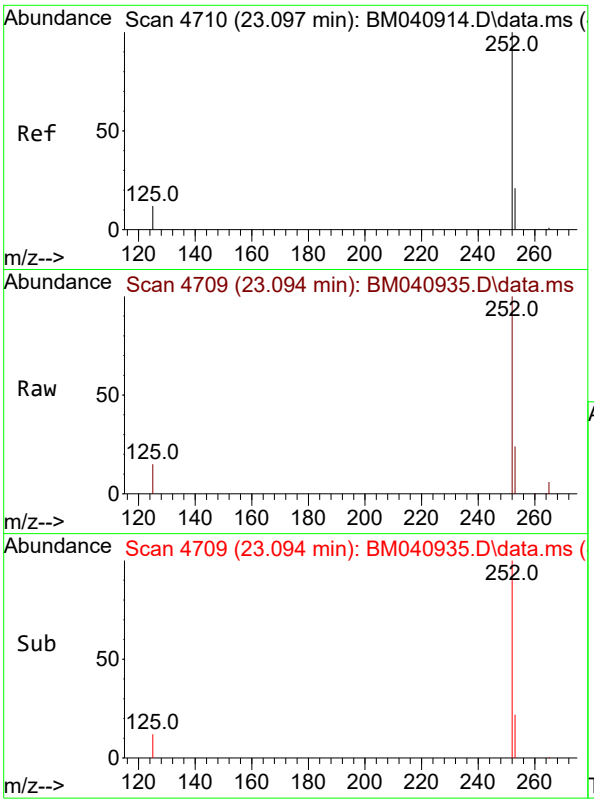


#22
Chrysene
Concen: 1.930 ng/ul
RT: 21.478 min Scan# 4156
Delta R.T. -0.009 min
Lab File: BM040935.D
Acq: 17 Jul 2023 23:06

Tgt Ion:228 Resp: 71352

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	21.8	15.8	23.6



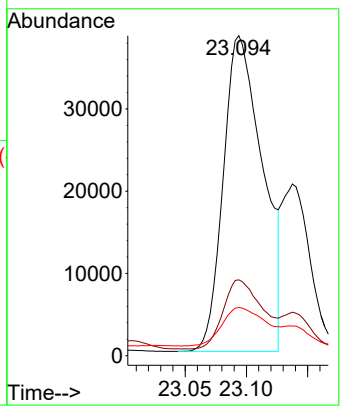


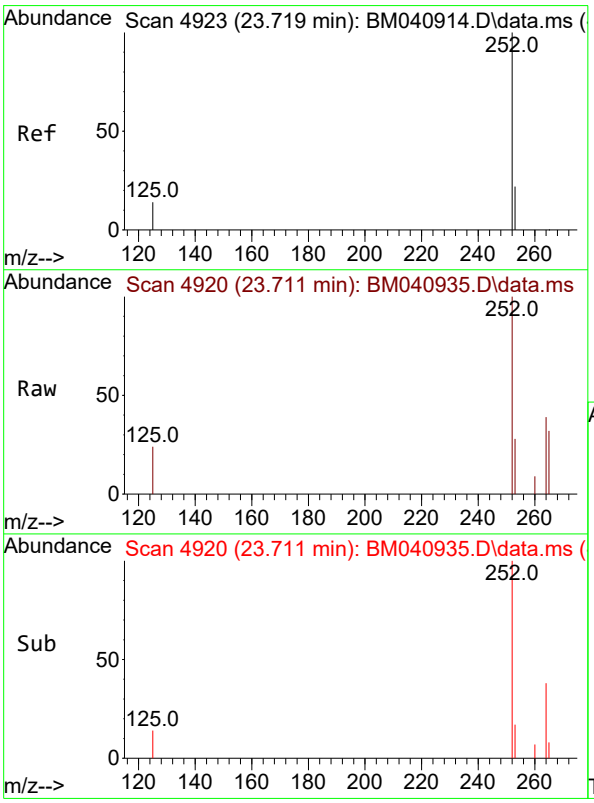
#24
Benzo(b)fluoranthene
Concen: 2.116 ng/ul
RT: 23.094 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM040935.D
Acq: 17 Jul 2023 23:06

Instrument :
BNA_M
ClientSampleId :
A46M9

Tgt Ion:252 Resp: 86047

Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	52.8
125	15.0	0.0	43.0

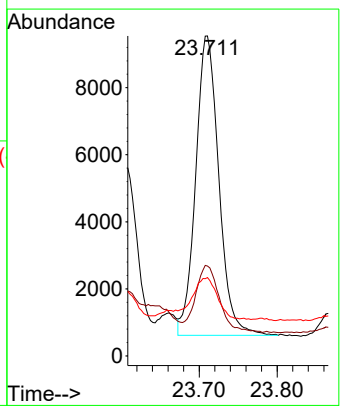


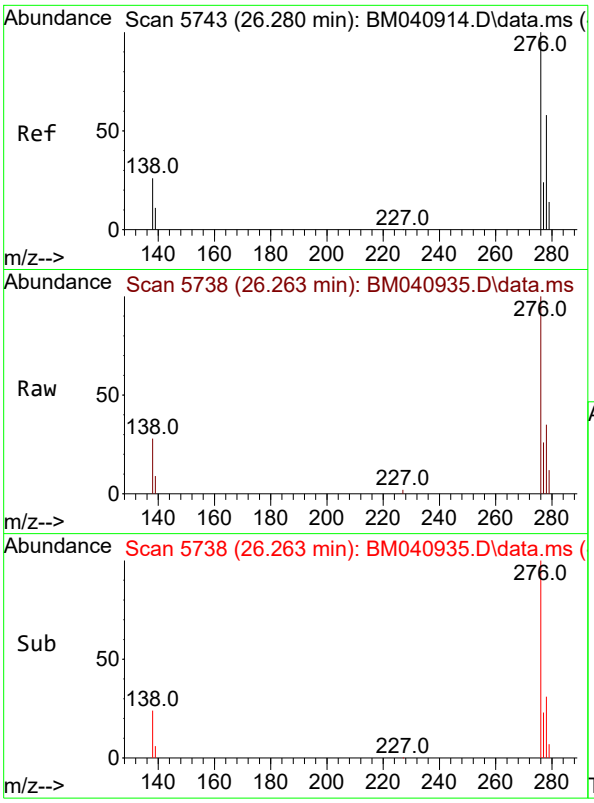


#26
Benzo(a)pyrene
Concen: 0.503 ng/ul
RT: 23.711 min Scan# 4920
Delta R.T. -0.012 min
Lab File: BM040935.D
Acq: 17 Jul 2023 23:06

Tgt Ion:252 Resp: 18422

Ion	Ratio	Lower	Upper
252	100		
253	28.1	22.9	34.3
125	24.5	21.0	31.4



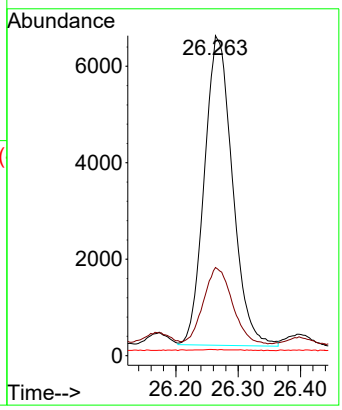


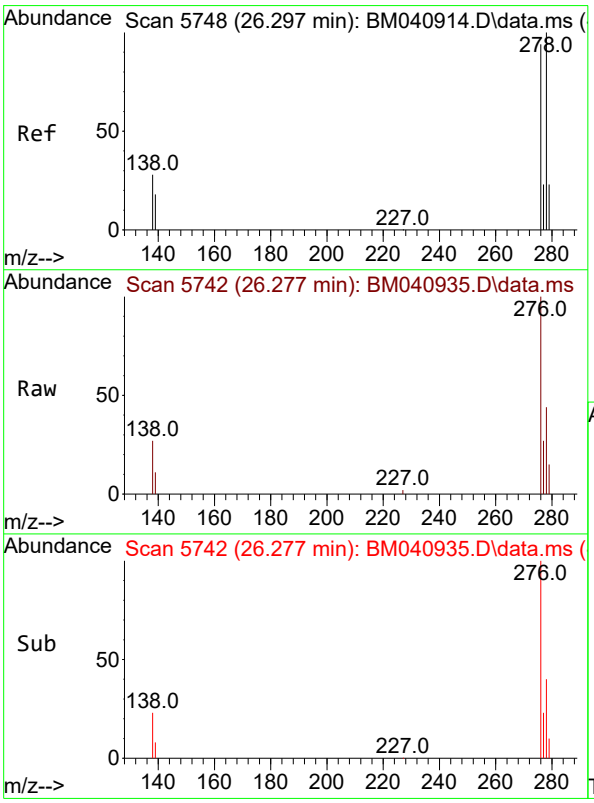
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.394 ng/ul
RT: 26.263 min Scan# 5
Delta R.T. -0.027 min
Lab File: BM040935.D
Acq: 17 Jul 2023 23:06

Instrument :
BNA_M
ClientSampleId :
A46M9

Tgt Ion:276 Resp: 20105

Ion	Ratio	Lower	Upper
276	100		
138	25.3	24.5	36.7
227	0.2	0.1	0.1#

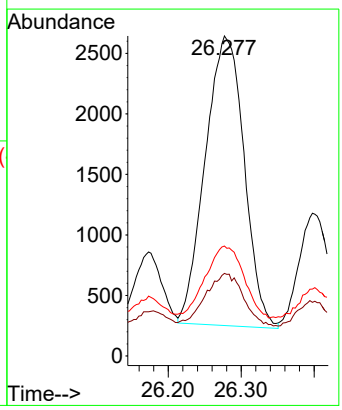


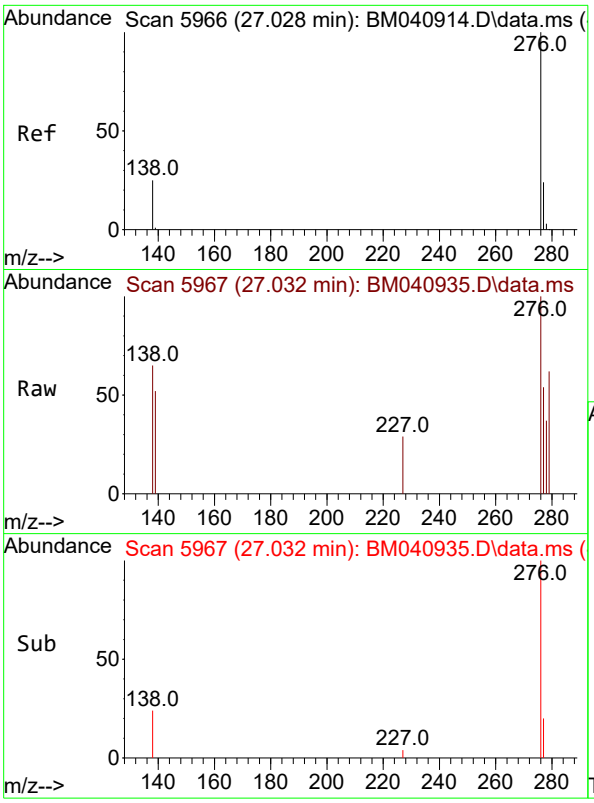


#28
Dibenzo(a,h)anthracene
Concen: 0.222 ng/ul
RT: 26.277 min Scan# 5742
Delta R.T. -0.030 min
Lab File: BM040935.D
Acq: 17 Jul 2023 23:06

Tgt Ion:278 Resp: 8853

Ion	Ratio	Lower	Upper
278	100		
139	25.8	17.9	26.9
279	34.3	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.025 ng/ul
RT: 27.032 min Scan# 5
Delta R.T. -0.013 min
Lab File: BM040935.D
Acq: 17 Jul 2023 23:06

Instrument :
BNA_M
ClientSampleId :
A46M9

Tgt Ion:276 Resp: 1119

Ion	Ratio	Lower	Upper
276	100		
138	65.4	23.0	34.6#
277	54.1	20.3	30.5#