Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
Data File : BM040933.D
Acq On : 17 Jul 2023 21:51
Operator : MA/JU
Sample : 03423-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A46T2

Quant Time: Jul 18 02:47:56 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	4739	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.653	136	14960	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.499	164	7090	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.253	188	12508	0.400	ng/ul	0.00
17) Chrysene-d12	21.448	240	8505	0.400	ng/ul	# 0.00
23) Perylene-d12	23.825	264	11149	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	27807	3.735	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.247	152	8237	0.393	ng/ul	-0.01
18) Fluoranthene-d10	19.287	212	12891	0.473	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.702	128	2571	0.062	ng/ul#	90
7) 2-Methylnaphthalene	12.319	142	949	0.039	ng/ul	98
8) 1-Methylnaphthalene	12.539	142	707	0.029	ng/ul	95
12) Fluorene	15.550	166	599	0.021	ng/ul#	97
15) Phenanthrene	17.295	178	866	0.022	ng/ul#	79
19) Fluoranthene	19.315	202	1126	0.031	ng/ul#	81
21) Benzo(a)anthracene	21.434	228	845	0.029	ng/ul#	87
22) Chrysene	21.486	228	957	0.029	ng/ul#	89
24) Benzo(b)fluoranthene	23.102	252	1230	0.029	ng/ul#	22
25) Benzo(k)fluoranthene	23.149	252	1031	0.024	ng/ul#	17
27) Indeno(1,2,3-cd)pyrene	26.294	276	1281	0.024	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.317	278	886	0.021	ng/ul#	30
29) Benzo(g,h,i)perylene	27.052	276	1046	0.022	ng/ul#	64

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

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Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
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BNA_M
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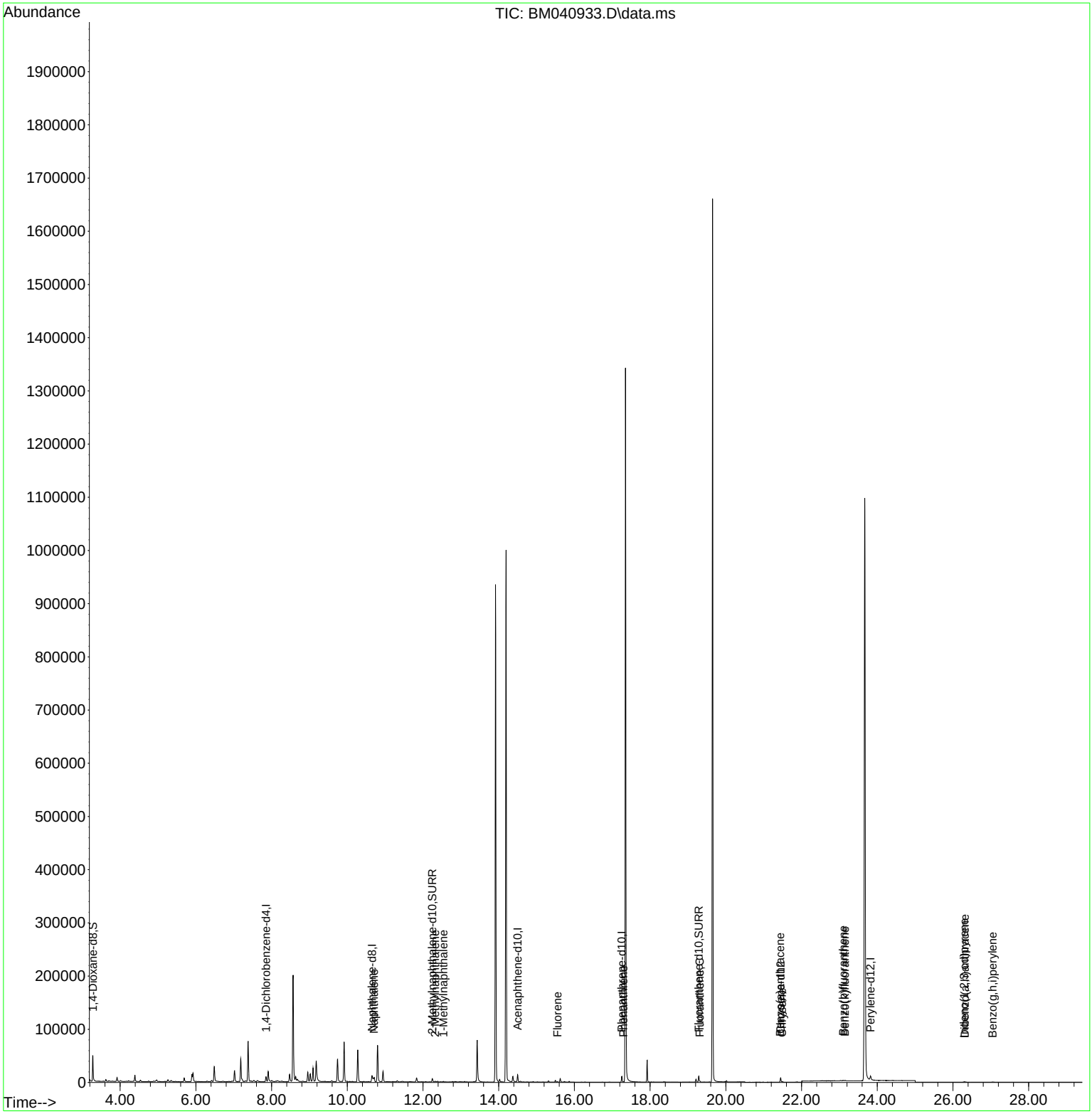
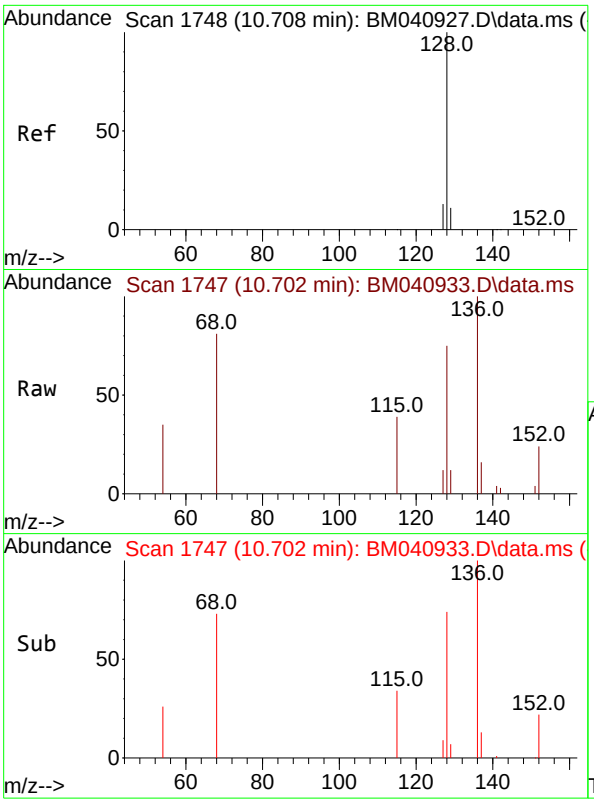
A46T2

Quant Time: Jul 18 02:47:56 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



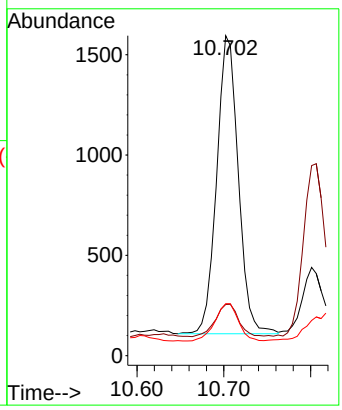


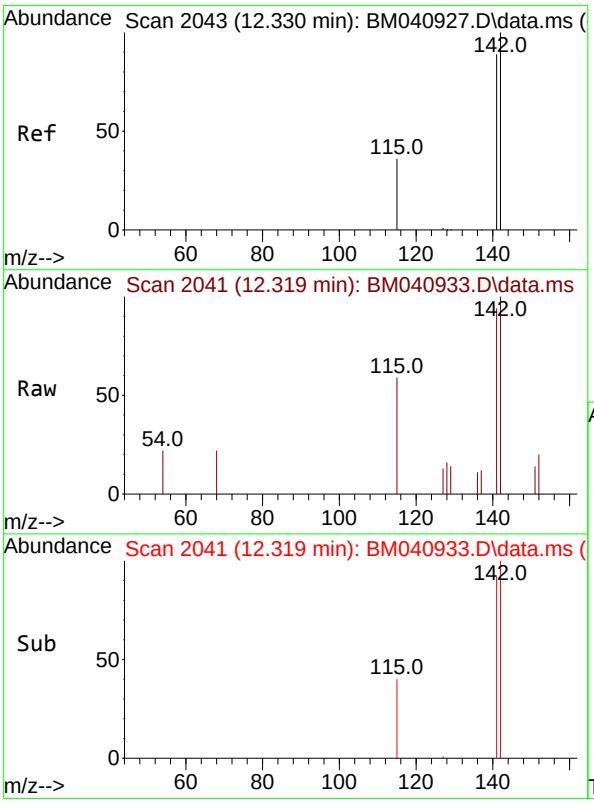
#5
Naphthalene
Concen: 0.062 ng/ul
RT: 10.702 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM040933.D
Acq: 17 Jul 2023 21:51

Instrument :
BNA_M
ClientSampleId :
A46T2

Tgt Ion:128 Resp: 2571

Ion	Ratio	Lower	Upper
128	100		
129	16.0	9.2	13.8#
127	16.2	10.6	15.8#

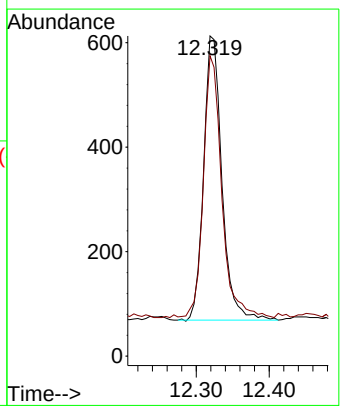


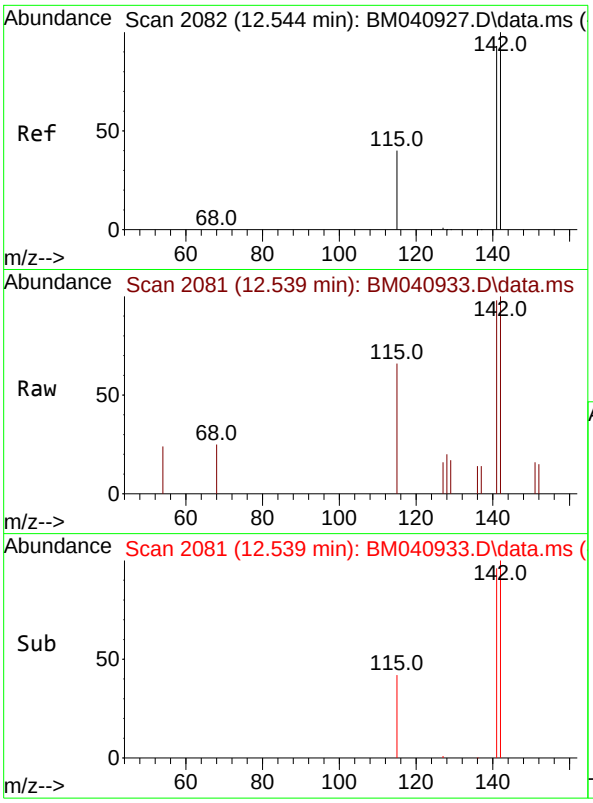


#7
2-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.319 min Scan# 2041
Delta R.T. -0.011 min
Lab File: BM040933.D
Acq: 17 Jul 2023 21:51

Tgt Ion:142 Resp: 949

Ion	Ratio	Lower	Upper
142	100		
141	91.9	71.9	107.9



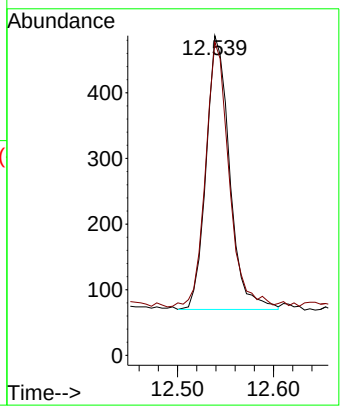


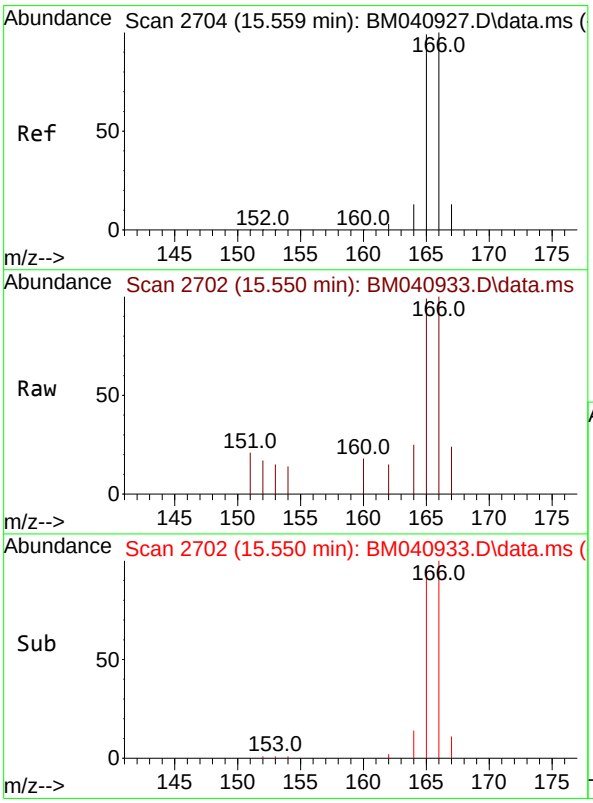
#8
1-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.539 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM040933.D
Acq: 17 Jul 2023 21:51

Instrument :
BNA_M
ClientSampleId :
A46T2

Tgt Ion:142 Resp: 707

Ion	Ratio	Lower	Upper
142	100		
141	96.6	73.7	110.5

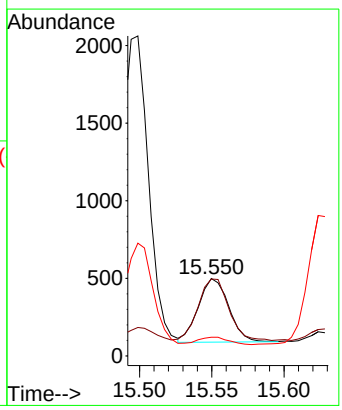


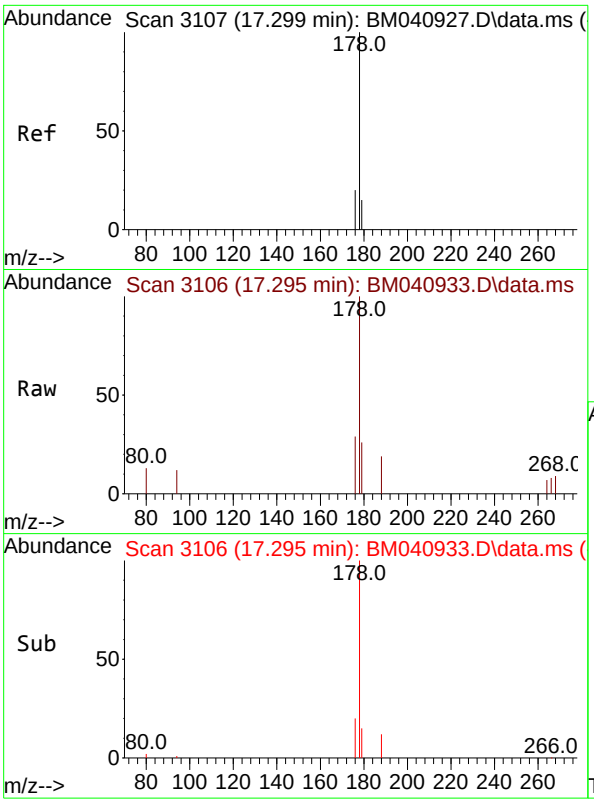


#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.550 min Scan# 2702
Delta R.T. -0.009 min
Lab File: BM040933.D
Acq: 17 Jul 2023 21:51

Tgt Ion:166 Resp: 599

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.6	119.4
167	24.2	11.4	17.0#



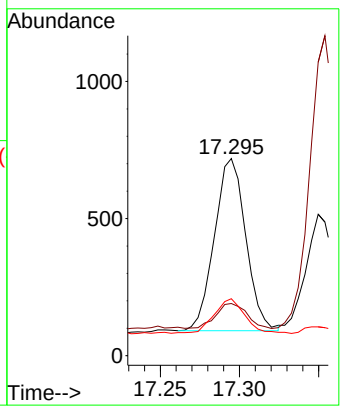


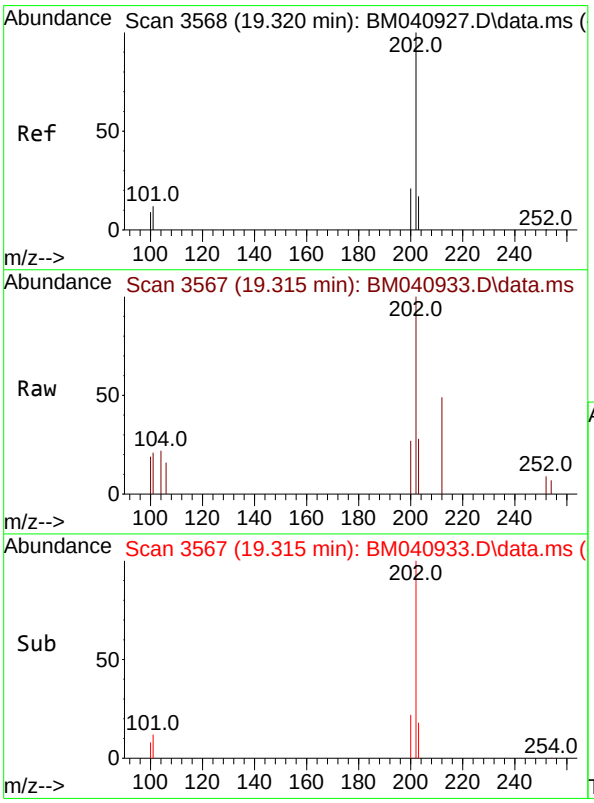
#15
Phenanthrene
Concen: 0.022 ng/ul
RT: 17.295 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM040933.D
Acq: 17 Jul 2023 21:51

Instrument :
BNA_M
ClientSampleId :
A46T2

Tgt Ion:178 Resp: 866

Ion	Ratio	Lower	Upper
178	100		
179	26.4	12.8	19.2#
176	28.9	16.4	24.6#

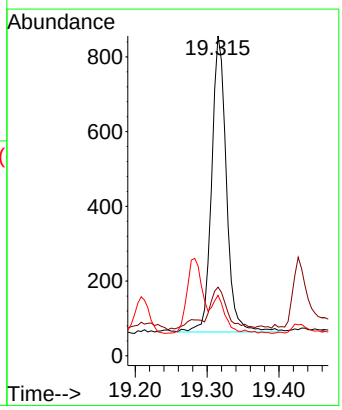


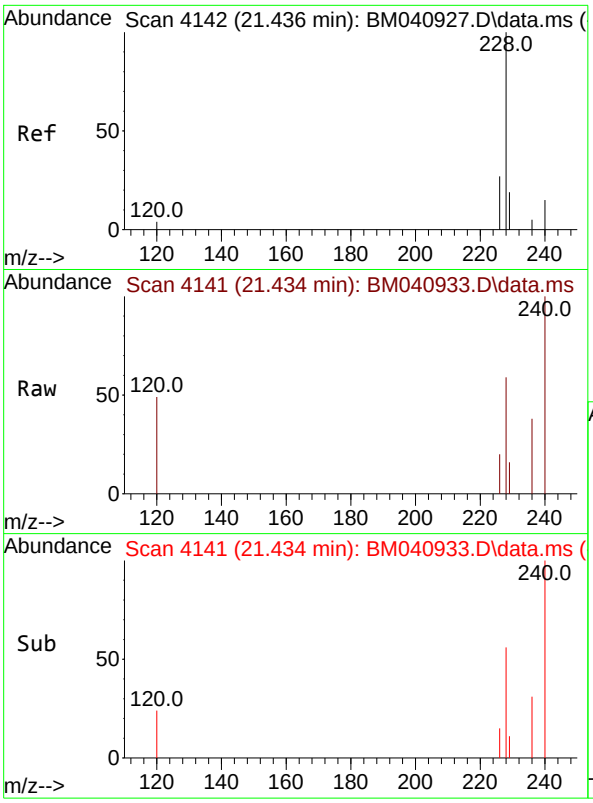


#19
Fluoranthene
Concen: 0.031 ng/ul
RT: 19.315 min Scan# 3567
Delta R.T. -0.009 min
Lab File: BM040933.D
Acq: 17 Jul 2023 21:51

Tgt Ion:202 Resp: 1126

Ion	Ratio	Lower	Upper
202	100		
101	21.5	11.4	17.0#
100	18.9	8.7	13.1#





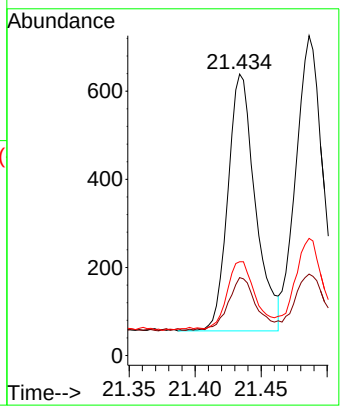
#21
Benzo(a)anthracene
Concen: 0.029 ng/ul
RT: 21.434 min Scan# 4

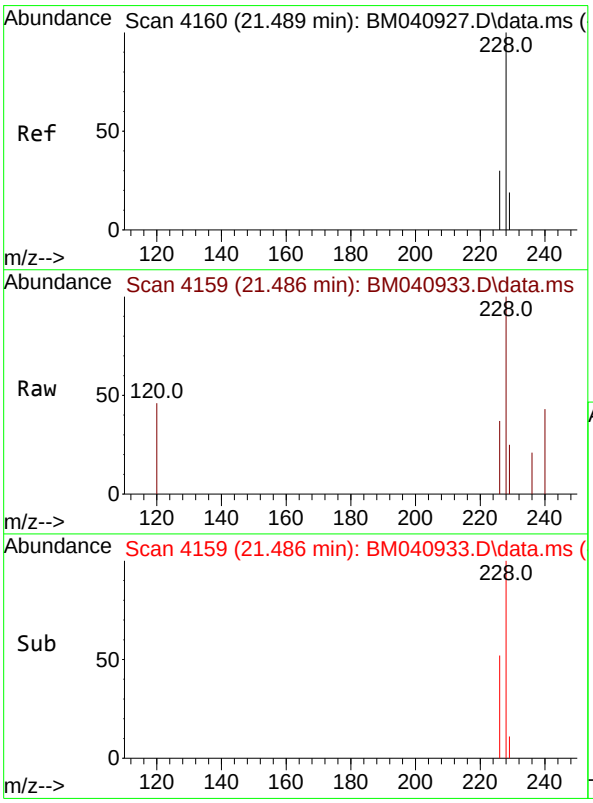
Instrument :
BNA_M
ClientSampleId :
A46T2

Delta R.T. 0.000 min
Lab File: BM040933.D
Acq: 17 Jul 2023 21:51

Tgt Ion:228 Resp: 845

Ion	Ratio	Lower	Upper
228	100		
229	27.7	16.0	24.0#
226	33.3	22.3	33.5

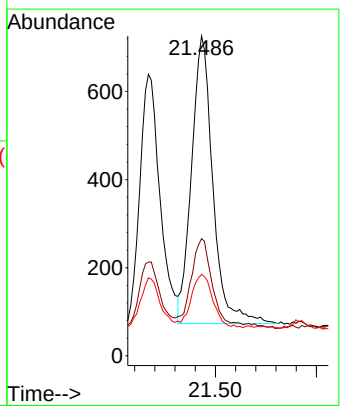


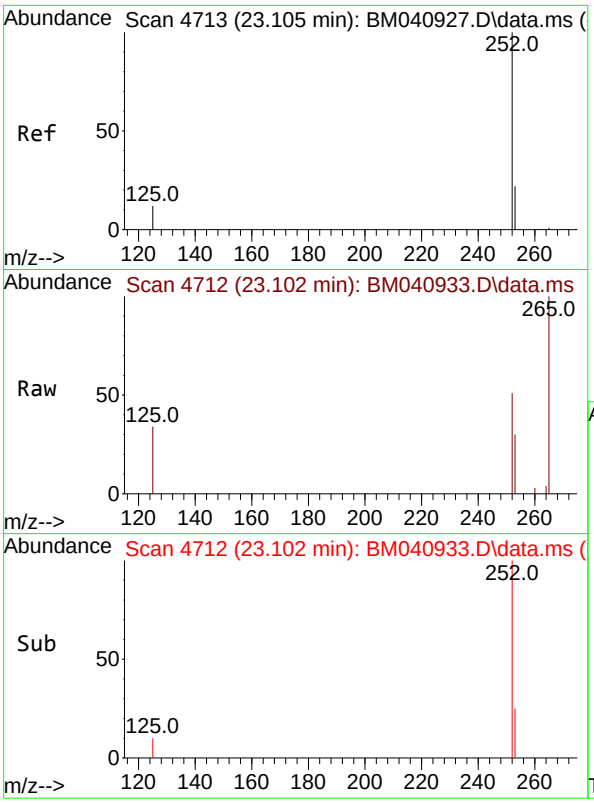


#22
Chrysene
Concen: 0.029 ng/ul
RT: 21.486 min Scan# 4159
Delta R.T. 0.000 min
Lab File: BM040933.D
Acq: 17 Jul 2023 21:51

Tgt Ion:228 Resp: 957

Ion	Ratio	Lower	Upper
228	100		
226	36.6	24.9	37.3
229	25.5	15.8	23.6#



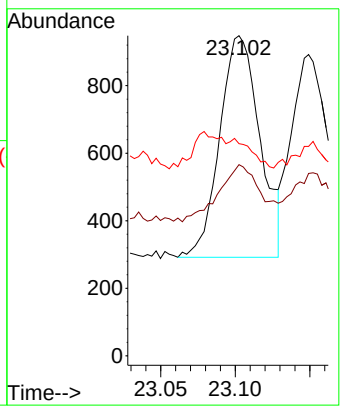


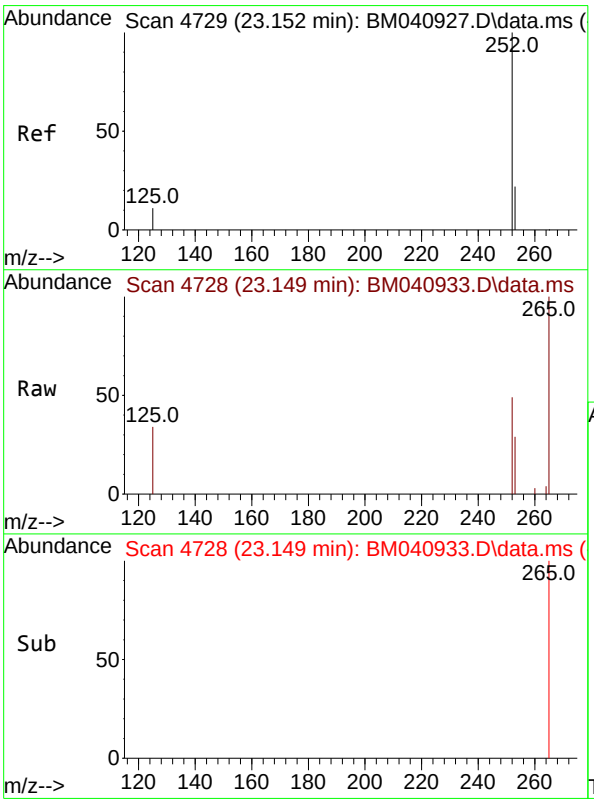
#24
Benzo(b)fluoranthene
Concen: 0.029 ng/ul
RT: 23.102 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM040933.D
Acq: 17 Jul 2023 21:51

Instrument :
BNA_M
ClientSampleId :
A46T2

Tgt Ion:252 Resp: 1230

Ion	Ratio	Lower	Upper
252	100		
253	59.7	0.0	52.8#
125	66.2	0.0	43.0#

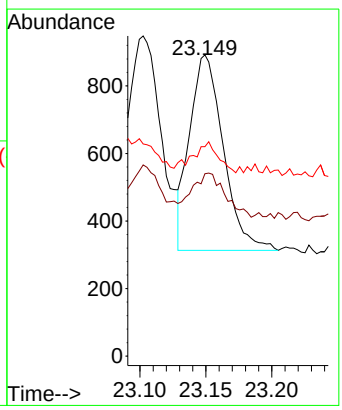


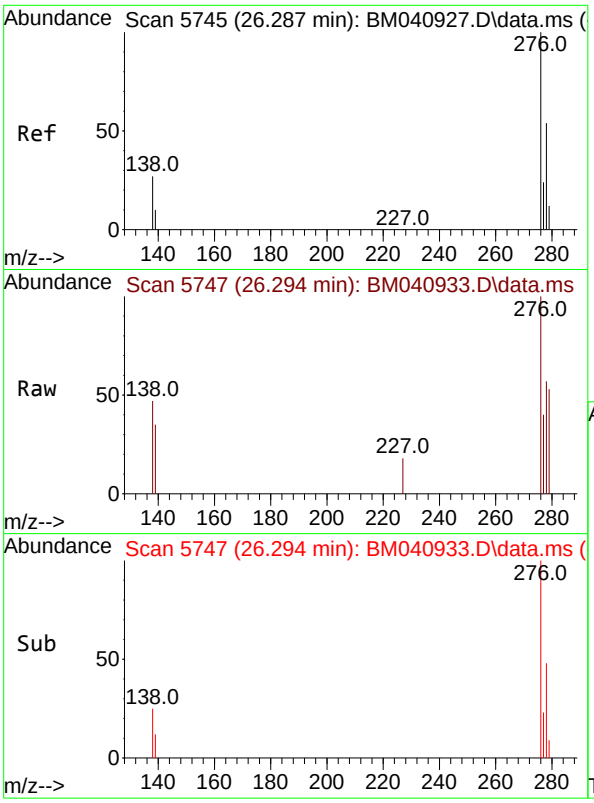


#25
Benzo(k)fluoranthene
Concen: 0.024 ng/ul
RT: 23.149 min Scan# 4728
Delta R.T. 0.000 min
Lab File: BM040933.D
Acq: 17 Jul 2023 21:51

Tgt Ion:252 Resp: 1031

Ion	Ratio	Lower	Upper
252	100		
253	60.5	21.2	31.8#
125	69.5	16.4	24.6#



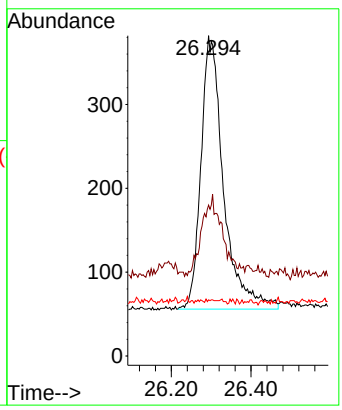


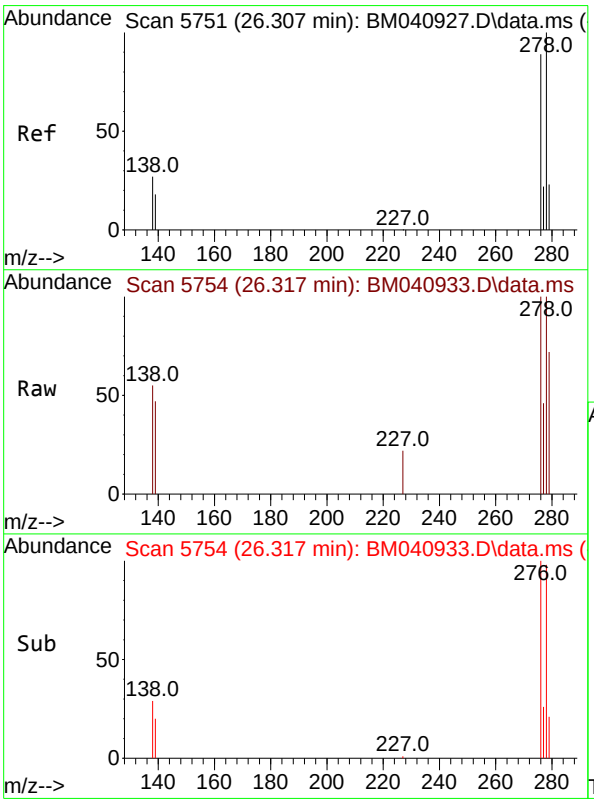
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng/ul
RT: 26.294 min Scan# 5
Delta R.T. 0.003 min
Lab File: BM040933.D
Acq: 17 Jul 2023 21:51

Instrument :
BNA_M
ClientSampleId :
A46T2

Tgt Ion:276 Resp: 1281

Ion	Ratio	Lower	Upper
276	100		
138	26.1	24.5	36.7
227	0.4	0.1	0.1#

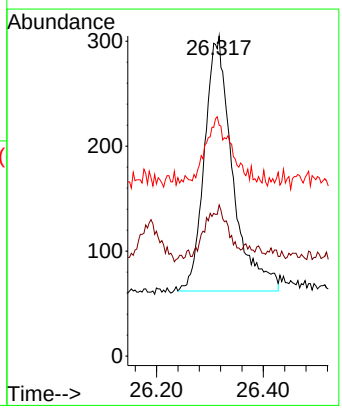


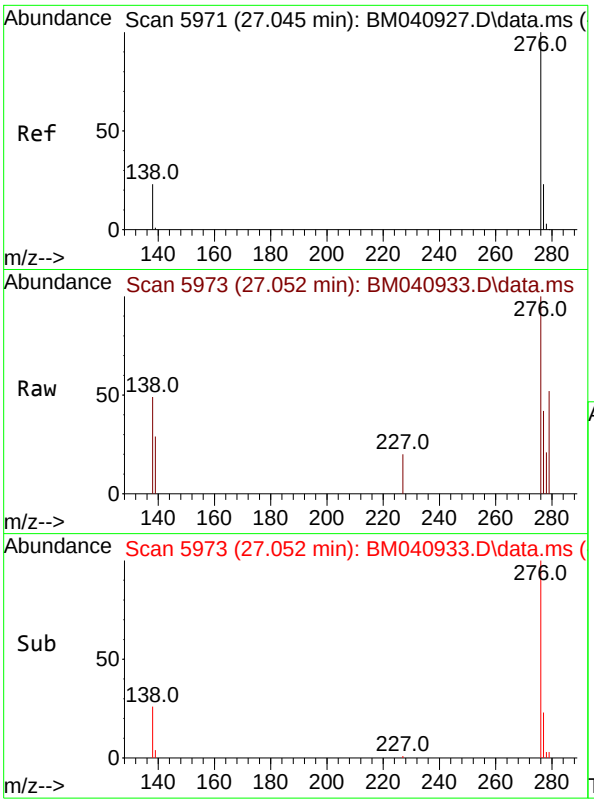


#28
Dibenzo(a,h)anthracene
Concen: 0.021 ng/ul
RT: 26.317 min Scan# 5754
Delta R.T. 0.010 min
Lab File: BM040933.D
Acq: 17 Jul 2023 21:51

Tgt Ion:278 Resp: 886

Ion	Ratio	Lower	Upper
278	100		
139	47.2	17.9	26.9#
279	72.1	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.022 ng/ul
RT: 27.052 min Scan# 5
Delta R.T. 0.007 min
Lab File: BM040933.D
Acq: 17 Jul 2023 21:51

Instrument :
BNA_M
ClientSampleId :
A46T2

Tgt Ion:276 Resp: 1046

Ion	Ratio	Lower	Upper
276	100		
138	49.4	23.0	34.6#
277	42.5	20.3	30.5#