Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
Data File : BM042211.D
Acq On : 05 Oct 2023 10:59
Operator : MA/JU
Sample : 04588-11DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBHP1DL

Quant Time: Oct 06 05:26:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 05:25:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	3451	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.741	136	8208	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.574	164	4417	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.329	188	8275	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.507	240	4093	0.400	ng/ul	# 0.00
23) Perylene-d12	23.906	264	4300	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	4786	1.041	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.319	152	1288	0.114	ng/ul	-0.01
18) Fluoranthene-d10	19.352	212	1509	0.098	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	458	0.095	ng/ul#	56
5) Naphthalene	10.790	128	145638	5.319	ng/ul	96
7) 2-Methylnaphthalene	12.396	142	86478	5.274	ng/ul	97
8) 1-Methylnaphthalene	12.616	142	198799	12.037	ng/ul	100
10) Acenaphthylene	14.287	152	3879	0.139	ng/ul#	1
11) Acenaphthene	14.638	153	9082	0.430	ng/ul#	77
12) Fluorene	15.624	166	17790	0.748	ng/ul#	93
15) Phenanthrene	17.367	178	30792	0.903	ng/ul	97
16) Anthracene	17.460	178	1578	0.051	ng/ul#	65
19) Fluoranthene	19.380	202	1871	0.060	ng/ul#	75
20) Pyrene	19.747	202	4496	0.136	ng/ul#	81
21) Benzo(a)anthracene	21.489	228	1537	0.058	ng/ul#	77
22) Chrysene	21.545	228	1255	0.049	ng/ul#	74
24) Benzo(b)fluoranthene	23.167	252	1175	0.046	ng/ul#	1
26) Benzo(a)pyrene	23.798	252	715	0.033	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.404	276	694	0.022	ng/ul#	98
29) Benzo(g,h,i)perylene	27.179	276	970	0.037	ng/ul#	49

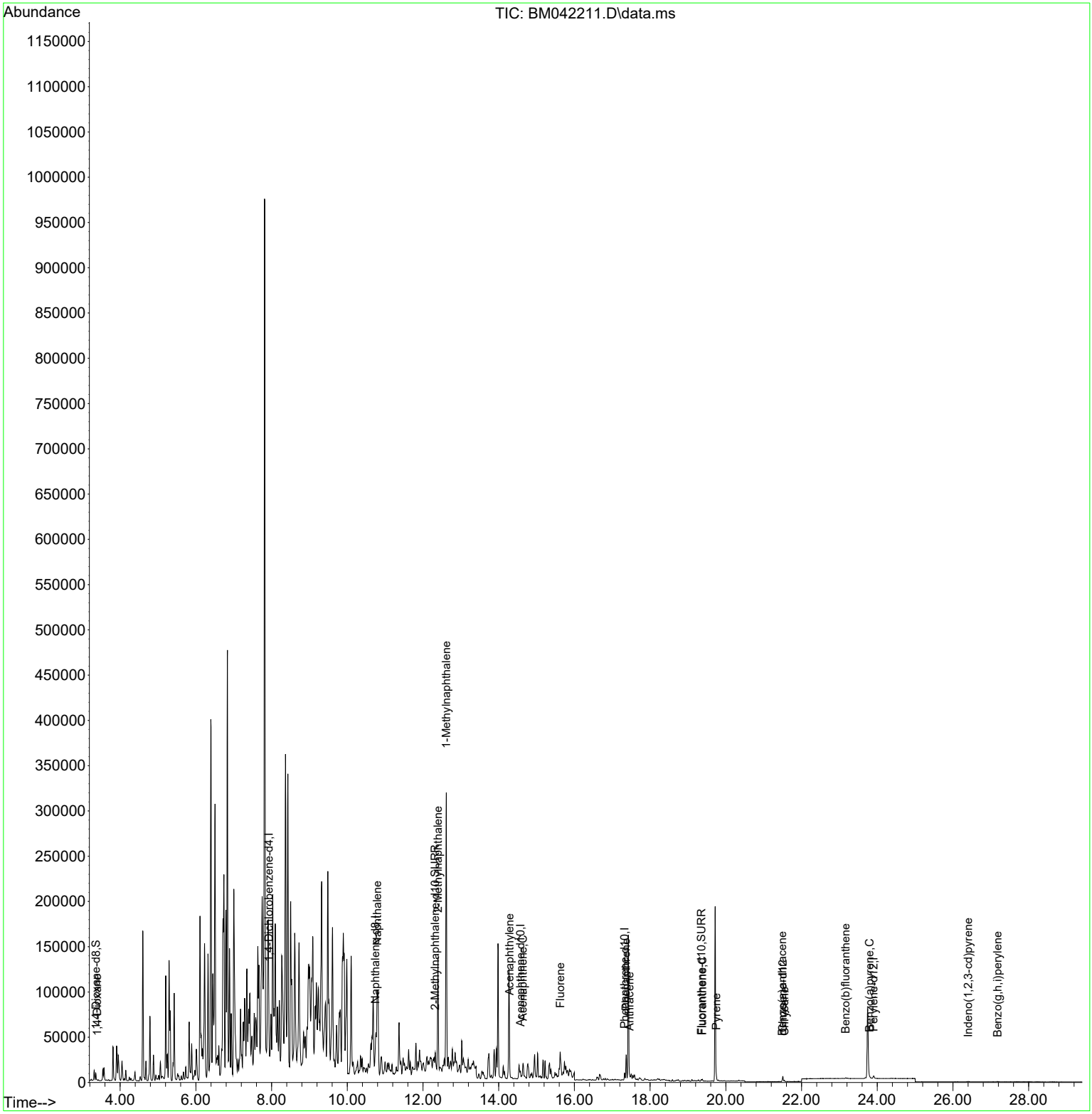
(#) = qualifier out of range (m) = manual integration (+) = signals summed

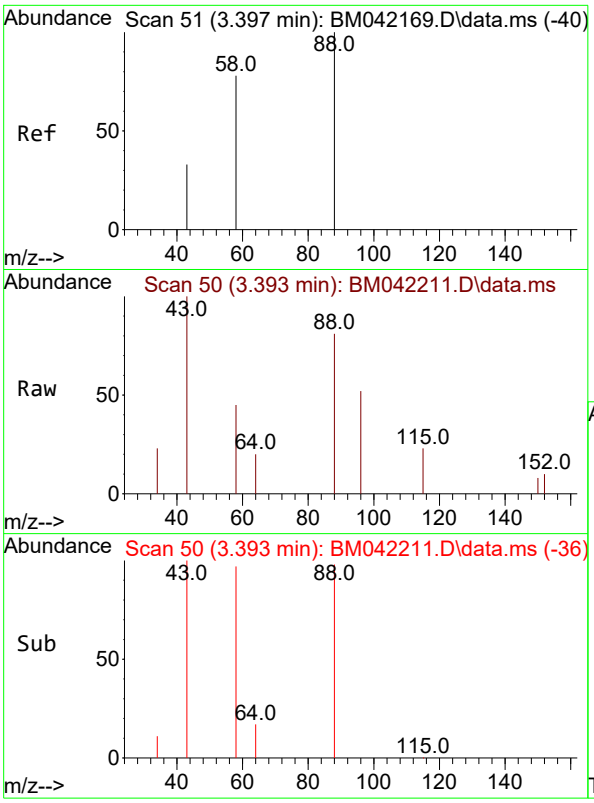
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
Data File : BM042211.D
Acq On : 05 Oct 2023 10:59
Operator : MA/JU
Sample : 04588-11DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBHP1DL

Quant Time: Oct 06 05:26:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 05:25:26 2023
Response via : Initial Calibration



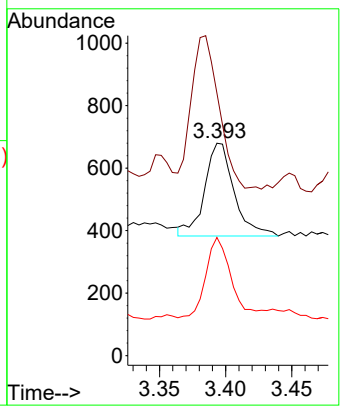


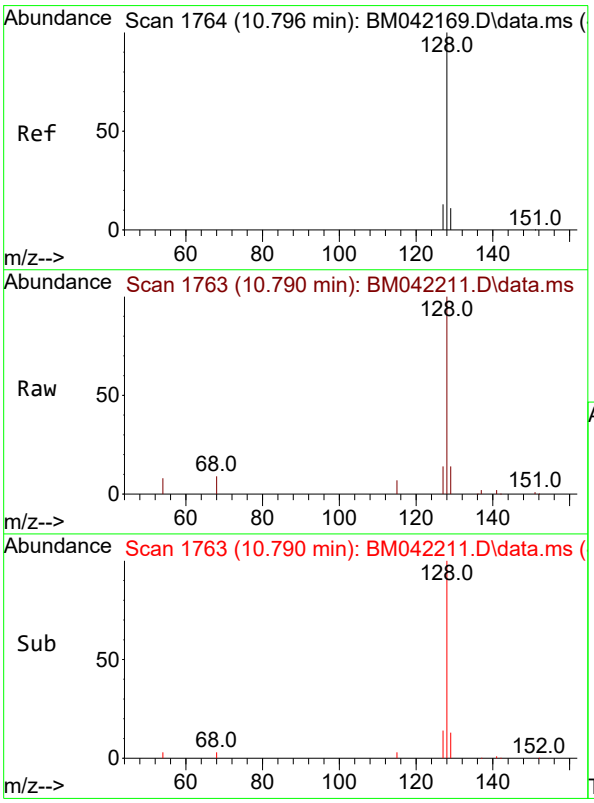
#2
1,4-Dioxane
Concen: 0.095 ng/ul
RT: 3.393 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM042211.D
Acq: 05 Oct 2023 10:59

Instrument :
BNA_M
ClientSampleId :
BBHP1DL

Tgt Ion: 88 Resp: 458

Ion	Ratio	Lower	Upper
88	100		
43	123.5	52.1	78.1#
58	55.6	53.8	80.6

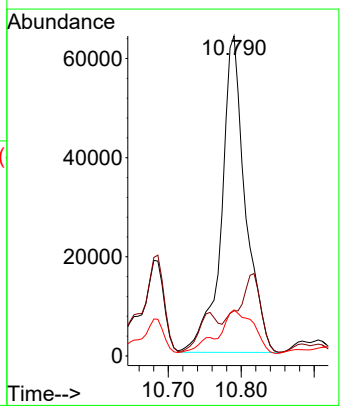


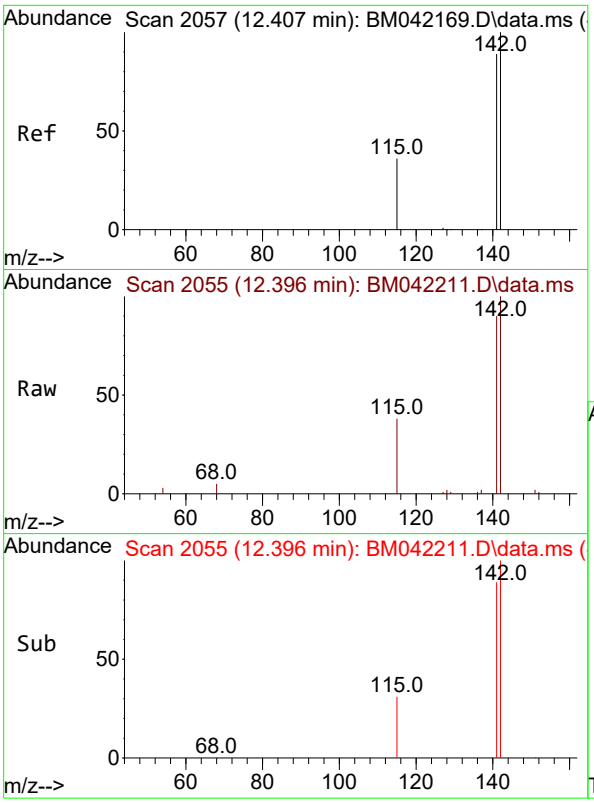


#5
Naphthalene
Concen: 5.319 ng/ul
RT: 10.790 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BM042211.D
Acq: 05 Oct 2023 10:59

Tgt Ion:128 Resp: 145638

Ion	Ratio	Lower	Upper
128	100		
129	14.1	9.4	14.2
127	14.4	11.0	16.4



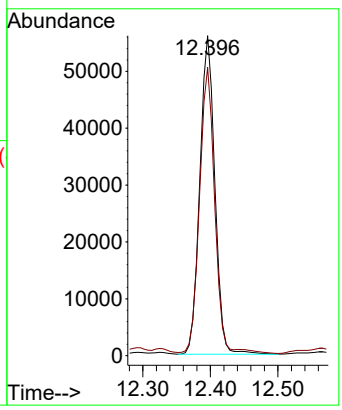


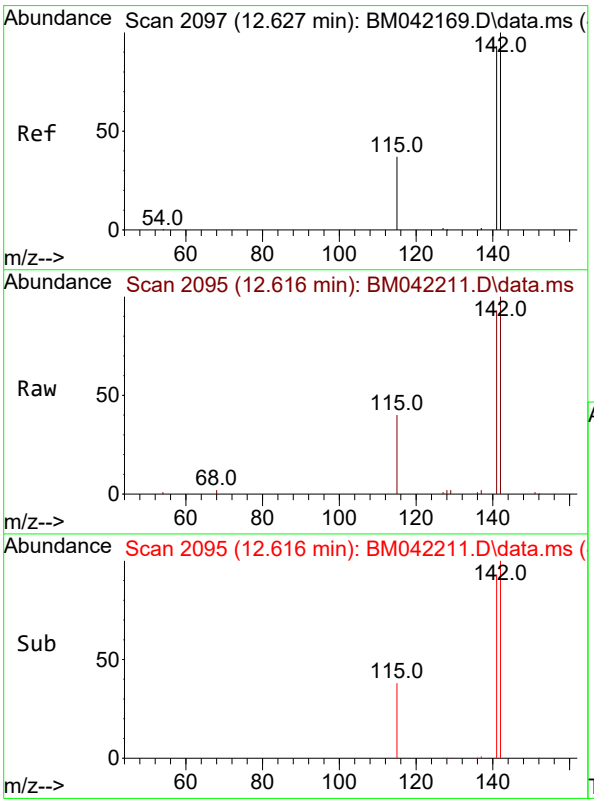
#7
2-Methylnaphthalene
Concen: 5.274 ng/ul
RT: 12.396 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM042211.D
Acq: 05 Oct 2023 10:59

Instrument :
BNA_M
ClientSampleId :
BBHP1DL

Tgt Ion:142 Resp: 86478

Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.2	105.4

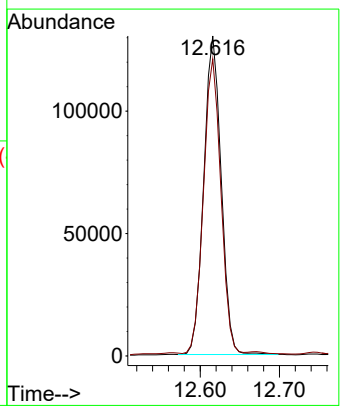


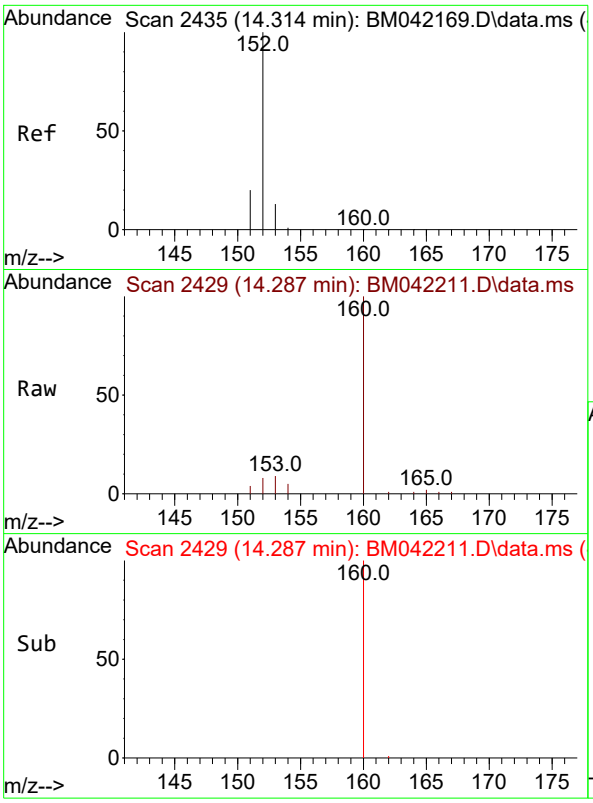


#8
1-Methylnaphthalene
Concen: 12.037 ng/ul
RT: 12.616 min Scan# 2095
Delta R.T. -0.005 min
Lab File: BM042211.D
Acq: 05 Oct 2023 10:59

Tgt Ion:142 Resp: 198799

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.5	110.3



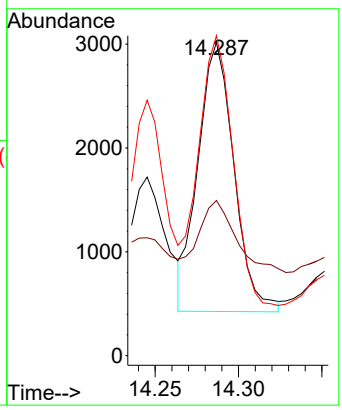


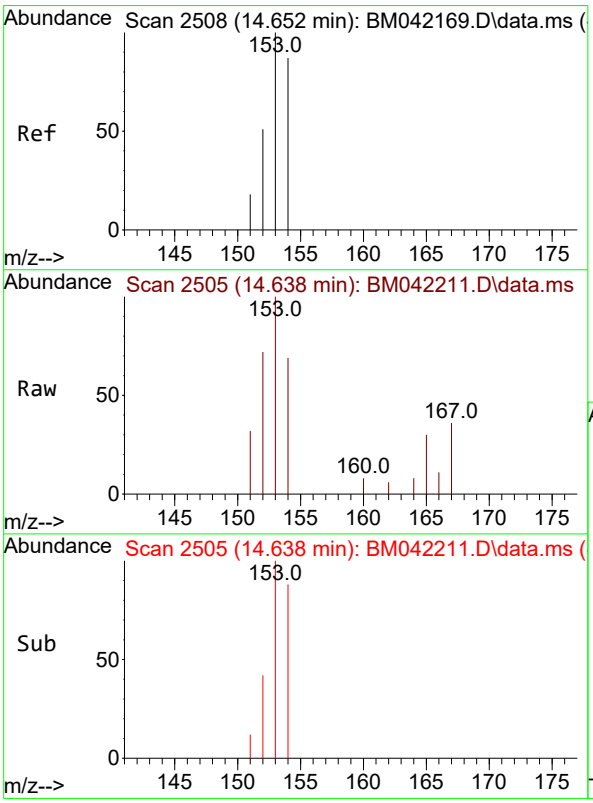
#10
Acenaphthylene
Concen: 0.139 ng/ul
RT: 14.287 min Scan# 24
Delta R.T. -0.028 min
Lab File: BM042211.D
Acq: 05 Oct 2023 10:59

Instrument :
BNA_M
ClientSampleId :
BBHP1DL

Tgt Ion:152 Resp: 3879

Ion	Ratio	Lower	Upper
152	100		
151	49.6	16.4	24.6#
153	102.2	10.9	16.3#

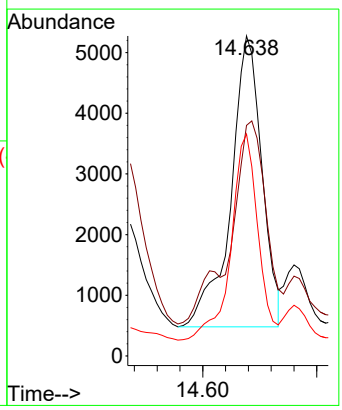


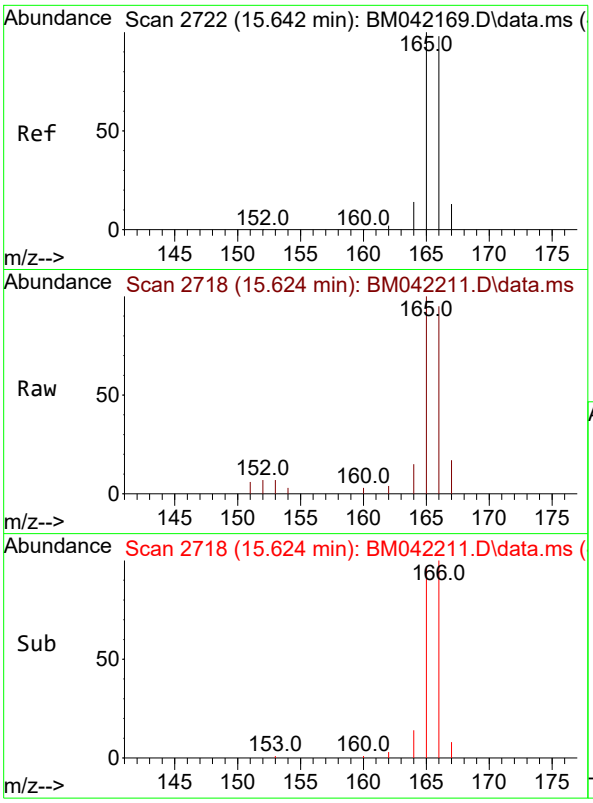


#11
Acenaphthene
Concen: 0.430 ng/ul
RT: 14.638 min Scan# 2505
Delta R.T. -0.009 min
Lab File: BM042211.D
Acq: 05 Oct 2023 10:59

Tgt Ion:153 Resp: 9082

Ion	Ratio	Lower	Upper
153	100		
152	72.0	41.1	61.7#
154	69.3	69.5	104.3#



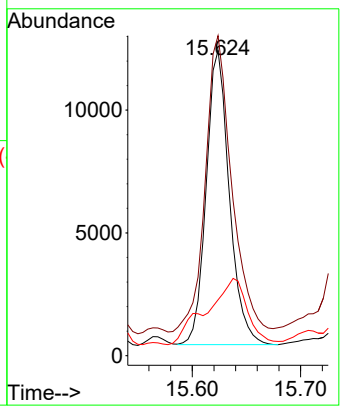


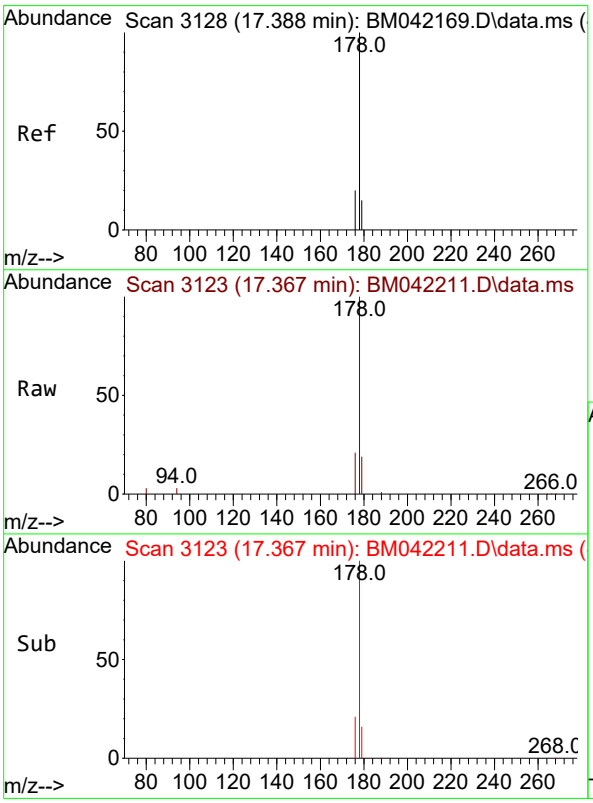
#12
Fluorene
Concen: 0.748 ng/ul
RT: 15.624 min Scan# 2
Delta R.T. -0.014 min
Lab File: BM042211.D
Acq: 05 Oct 2023 10:59

Instrument :
BNA_M
ClientSampleId :
BBHP1DL

Tgt Ion:166 Resp: 17790

Ion	Ratio	Lower	Upper
166	100		
165	104.8	78.4	117.6
167	18.3	11.5	17.3#

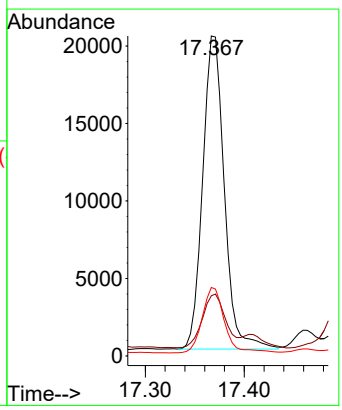


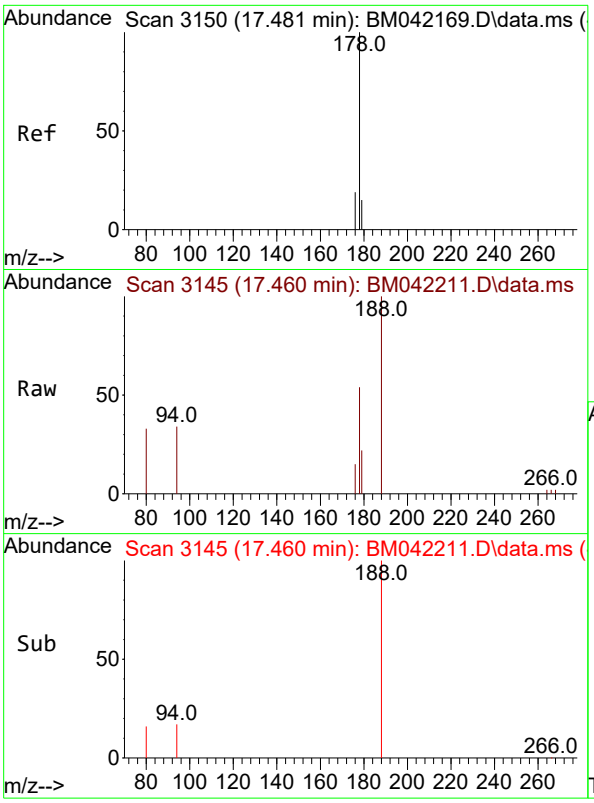


#15
Phenanthrene
Concen: 0.903 ng/ul
RT: 17.367 min Scan# 3123
Delta R.T. -0.012 min
Lab File: BM042211.D
Acq: 05 Oct 2023 10:59

Tgt Ion:178 Resp: 30792

Ion	Ratio	Lower	Upper
178	100		
179	18.8	13.0	19.4
176	21.4	16.8	25.2



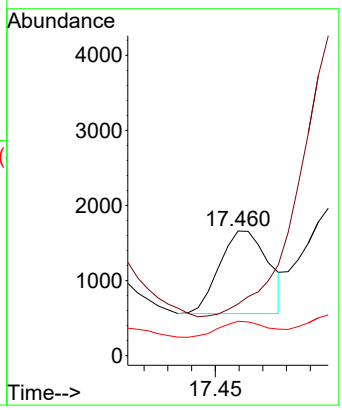


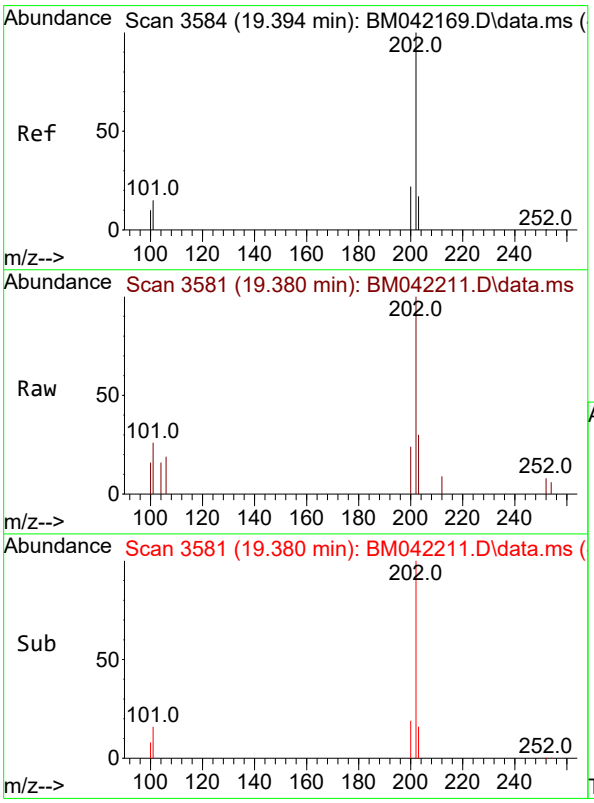
#16
Anthracene
Concen: 0.051 ng/ul
RT: 17.460 min Scan# 3
Delta R.T. -0.017 min
Lab File: BM042211.D
Acq: 05 Oct 2023 10:59

Instrument :
BNA_M
ClientSampleId :
BBHP1DL

Tgt Ion:178 Resp: 1578

Ion	Ratio	Lower	Upper
178	100		
179	41.5	12.9	19.3#
176	27.6	16.3	24.5#

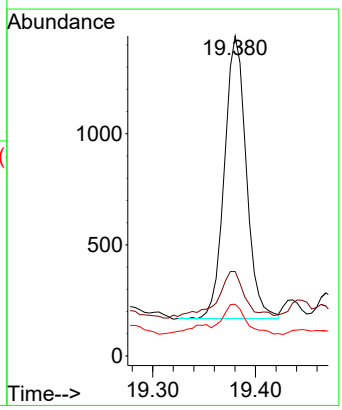


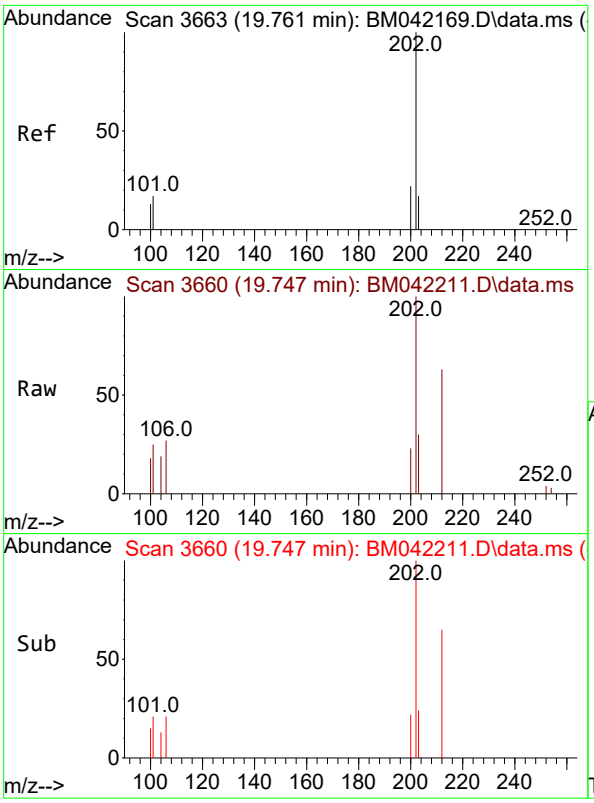


#19
Fluoranthene
Concen: 0.060 ng/ul
RT: 19.380 min Scan# 3581
Delta R.T. -0.009 min
Lab File: BM042211.D
Acq: 05 Oct 2023 10:59

Tgt Ion:202 Resp: 1871

Ion	Ratio	Lower	Upper
202	100		
101	26.4	11.1	16.7#
100	16.2	8.2	12.2#



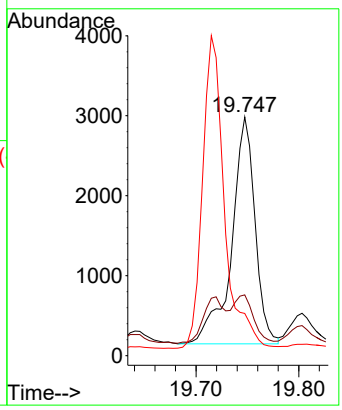


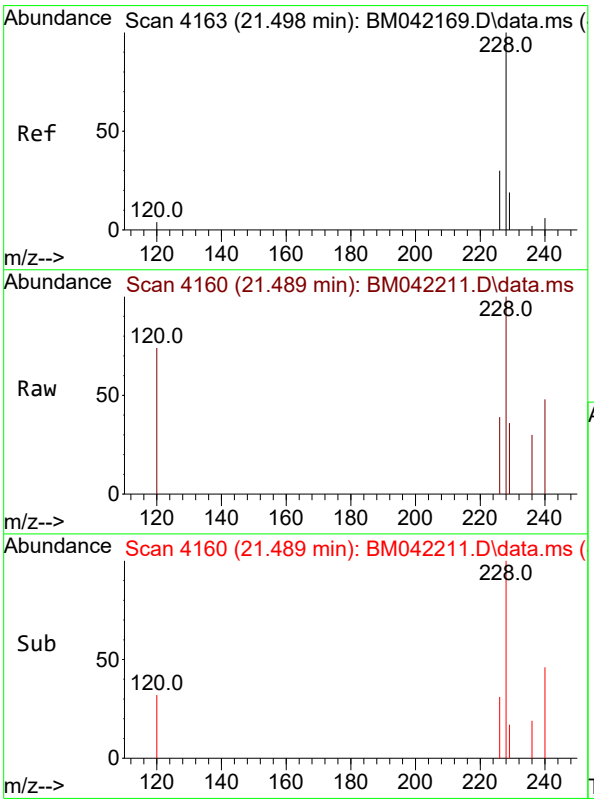
#20
Pyrene
Concen: 0.136 ng/ul
RT: 19.747 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM042211.D
Acq: 05 Oct 2023 10:59

Instrument :
BNA_M
ClientSampleId :
BBHP1DL

Tgt Ion:202 Resp: 4496

Ion	Ratio	Lower	Upper
202	100		
101	25.5	12.7	19.1#
100	17.7	9.9	14.9#

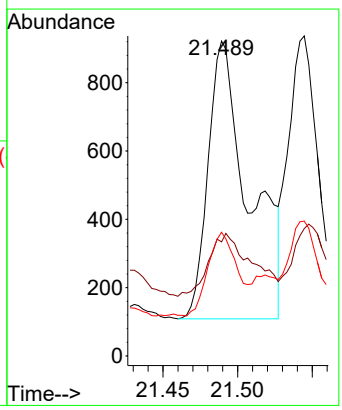


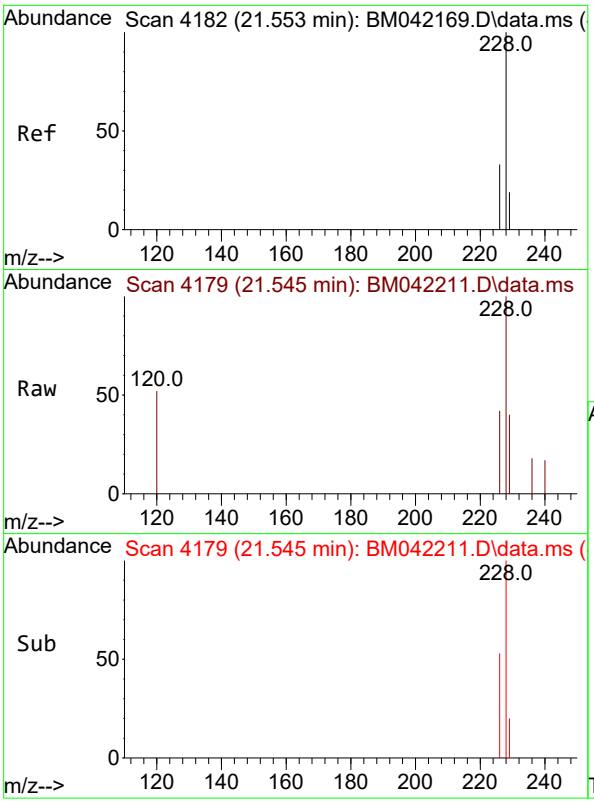


#21
Benzo(a)anthracene
Concen: 0.058 ng/ul
RT: 21.489 min Scan# 4160
Delta R.T. -0.003 min
Lab File: BM042211.D
Acq: 05 Oct 2023 10:59

Tgt Ion:228 Resp: 1537

Ion	Ratio	Lower	Upper
228	100		
229	36.2	15.8	23.8#
226	39.3	24.6	37.0#



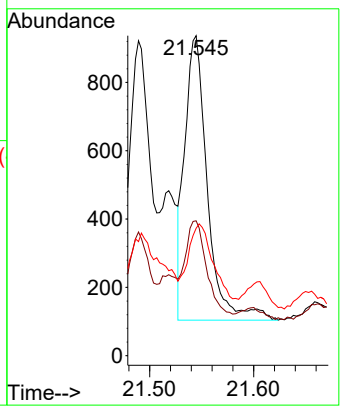


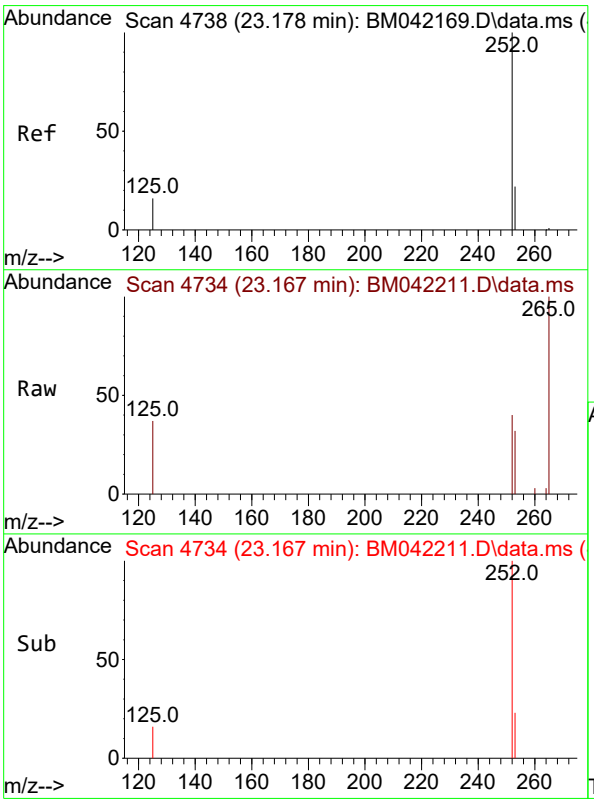
#22
Chrysene
Concen: 0.049 ng/ul
RT: 21.545 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM042211.D
Acq: 05 Oct 2023 10:59

Instrument :
BNA_M
ClientSampleId :
BBHP1DL

Tgt Ion:228 Resp: 1255

Ion	Ratio	Lower	Upper
228	100		
226	42.2	26.7	40.1#
229	39.8	15.8	23.8#

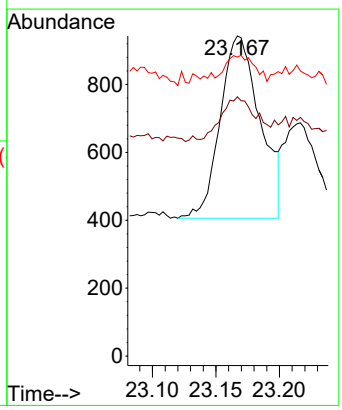


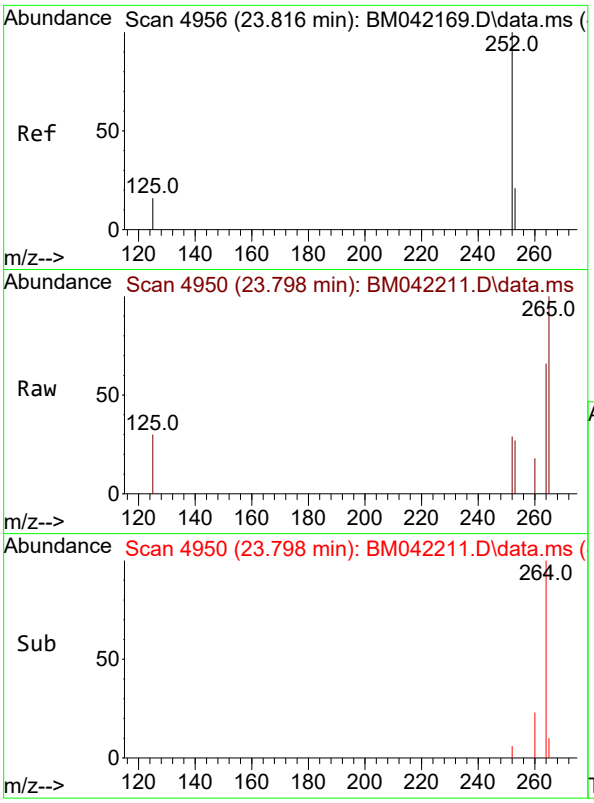


#24
Benzo(b)fluoranthene
Concen: 0.046 ng/ul
RT: 23.167 min Scan# 4734
Delta R.T. -0.003 min
Lab File: BM042211.D
Acq: 05 Oct 2023 10:59

Tgt Ion:252 Resp: 1175

Ion	Ratio	Lower	Upper
252	100		
253	81.0	0.0	59.0#
125	93.4	0.0	49.6#



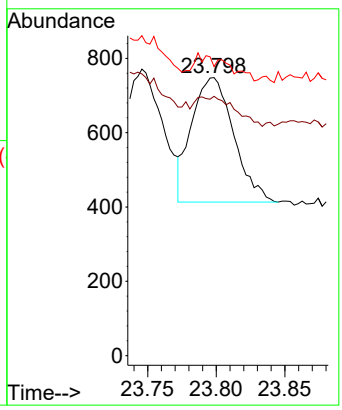


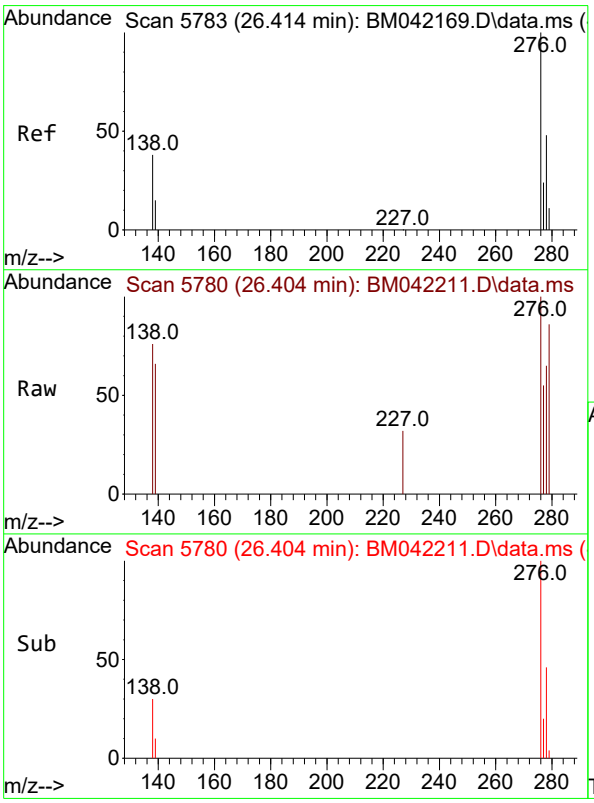
#26
Benzo(a)pyrene
Concen: 0.033 ng/ul
RT: 23.798 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM042211.D
Acq: 05 Oct 2023 10:59

Instrument :
BNA_M
ClientSampleId :
BBHP1DL

Tgt Ion:252 Resp: 715

Ion	Ratio	Lower	Upper
252	100		
253	93.3	25.3	37.9#
125	104.0	23.2	34.8#

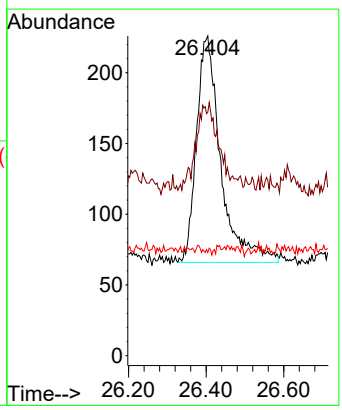


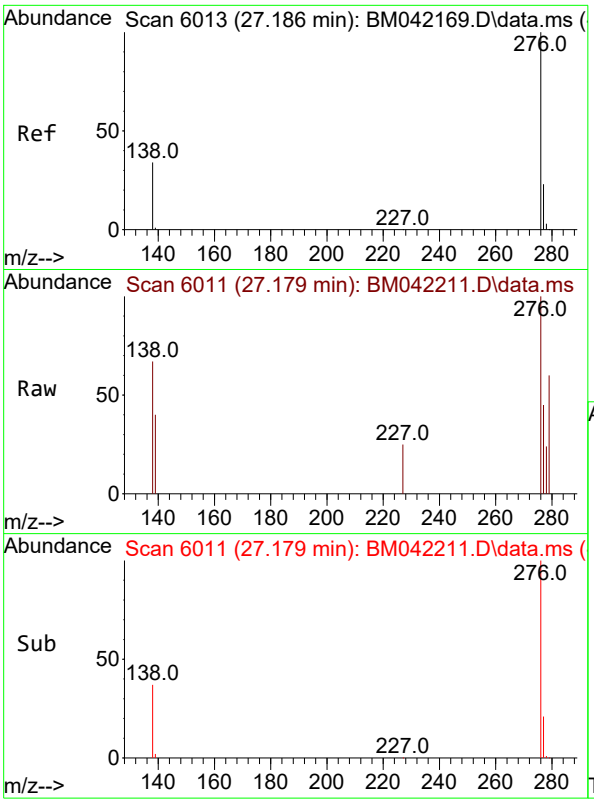


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng/ul
RT: 26.404 min Scan# 5780
Delta R.T. 0.000 min
Lab File: BM042211.D
Acq: 05 Oct 2023 10:59

Tgt Ion:276 Resp: 694

Ion	Ratio	Lower	Upper
276	100		
138	32.1	26.7	40.1
227	0.4	0.2	0.2#





#29
Benzo(g,h,i)perylene
Concen: 0.037 ng/ul
RT: 27.179 min Scan# 6
Delta R.T. 0.004 min
Lab File: BM042211.D
Acq: 05 Oct 2023 10:59

Instrument :
BNA_M
ClientSampleId :
BBHP1DL

Tgt Ion:276 Resp: 970

Ion	Ratio	Lower	Upper
276	100		
138	66.8	26.8	40.2#
277	45.3	20.1	30.1#