Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
Data File : BM042617.D
Acq On : 07 Nov 2023 18:07
Operator : MA/JU
Sample : 05026-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH337

Quant Time: Nov 07 23:06:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 02:23:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	1481	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.673	136	3568	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.516	164	2070	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.268	188	4715	0.400	ng/ul	0.00
17) Chrysene-d12	21.452	240	2843	0.400	ng/ul	0.00
23) Perylene-d12	23.832	264	3422	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	6666	3.406	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.267	152	1929	0.387	ng/ul	0.00
18) Fluoranthene-d10	19.295	212	4949	0.503	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	3389	1.457	ng/ul#	61
5) Naphthalene	10.728	128	319	0.028	ng/ul#	49
7) 2-Methylnaphthalene	12.339	142	253	0.034	ng/ul	97
8) 1-Methylnaphthalene	12.559	142	214	0.029	ng/ul	94
11) Acenaphthene	14.576	153	532	0.055	ng/ul	96
12) Fluorene	15.566	166	325	0.029	ng/ul#	94
15) Phenanthrene	17.310	178	534	0.029	ng/ul#	69
19) Fluoranthene	19.327	202	480	0.027	ng/ul#	54
20) Pyrene	19.662	202	1140	0.058	ng/ul#	1
26) Benzo(a)pyrene	23.674	252	1748	0.122	ng/ul#	65

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

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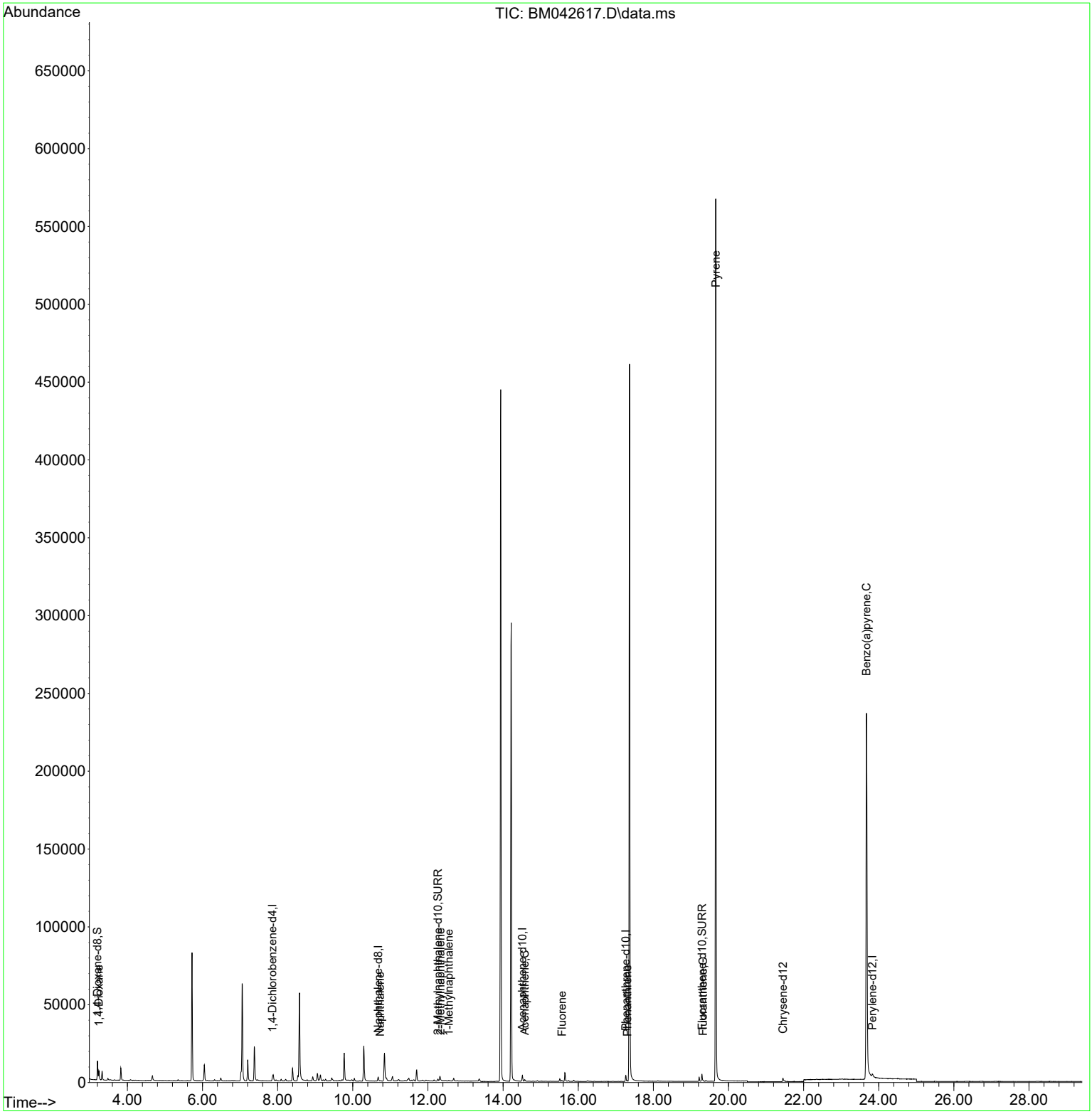
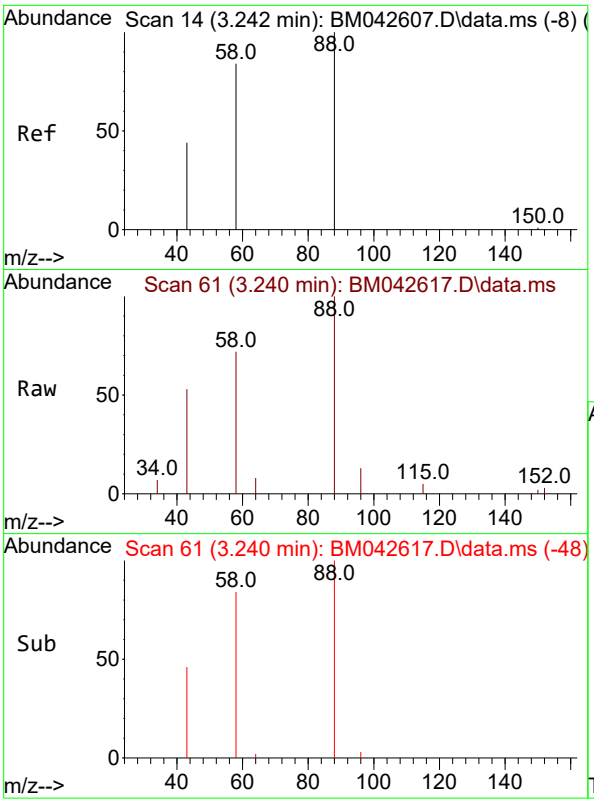


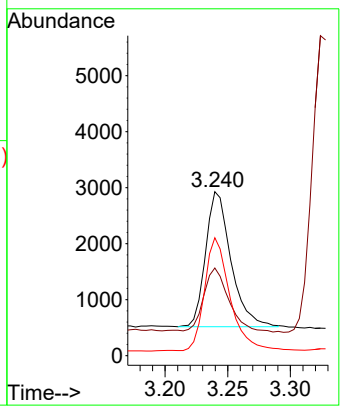


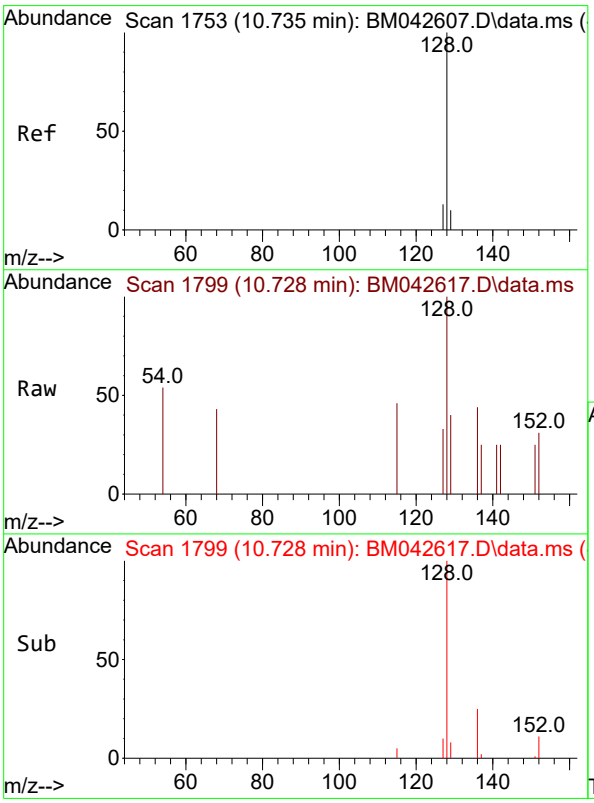
#2
1,4-Dioxane
Concen: 1.457 ng/ul
RT: 3.240 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042617.D
Acq: 07 Nov 2023 18:07

Instrument :
BNA_M
ClientSampleId :
BH337

Tgt Ion: 88 Resp: 3389

Ion	Ratio	Lower	Upper
88	100		
43	53.5	77.5	116.3#
58	71.9	40.9	61.3#

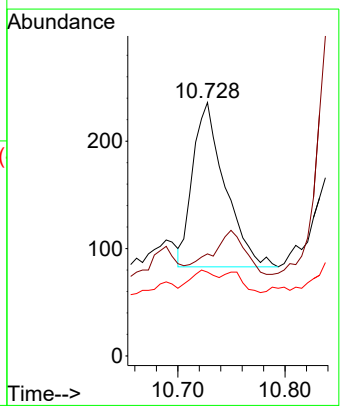


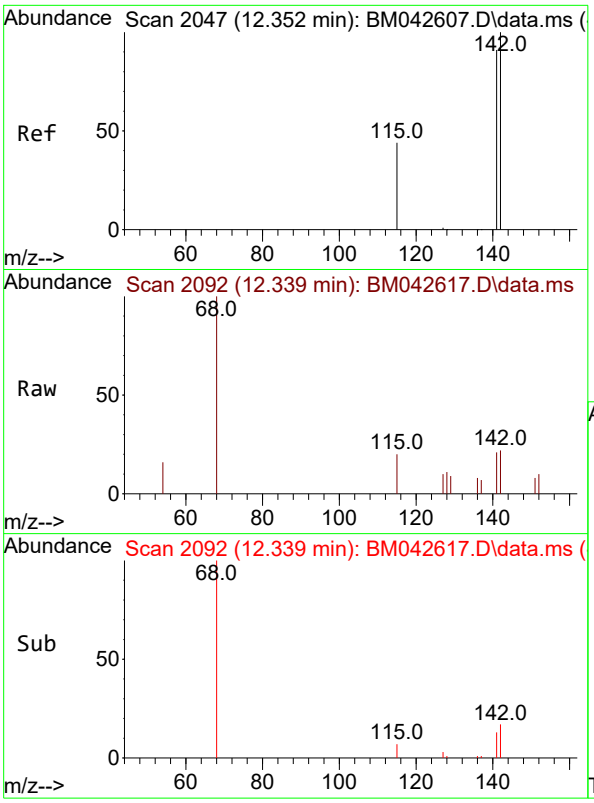


#5
Naphthalene
Concen: 0.028 ng/ul
RT: 10.728 min Scan# 1799
Delta R.T. -0.008 min
Lab File: BM042617.D
Acq: 07 Nov 2023 18:07

Tgt Ion:128 Resp: 319

Ion	Ratio	Lower	Upper
128	100		
129	40.3	11.3	16.9#
127	33.1	13.0	19.4#



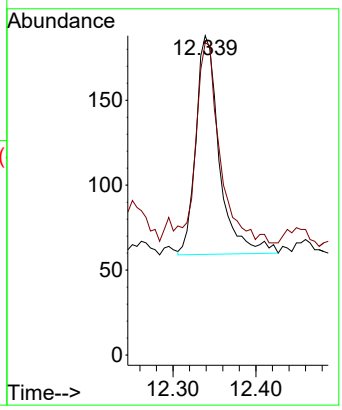


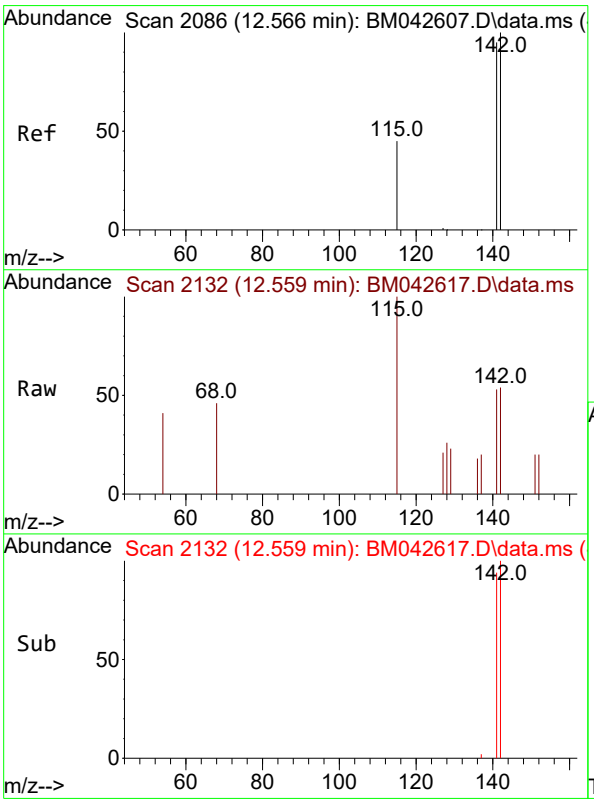
#7
2-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.339 min Scan# 2
Delta R.T. -0.008 min
Lab File: BM042617.D
Acq: 07 Nov 2023 18:07

Instrument :
BNA_M
ClientSampleId :
BH337

Tgt Ion:142 Resp: 253

Ion	Ratio	Lower	Upper
142	100		
141	92.1	71.7	107.5

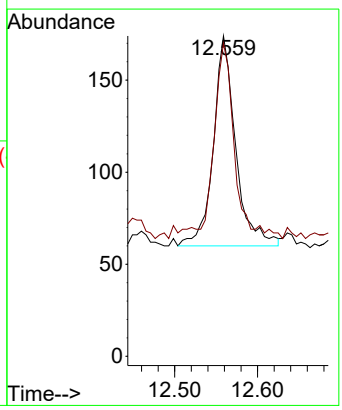


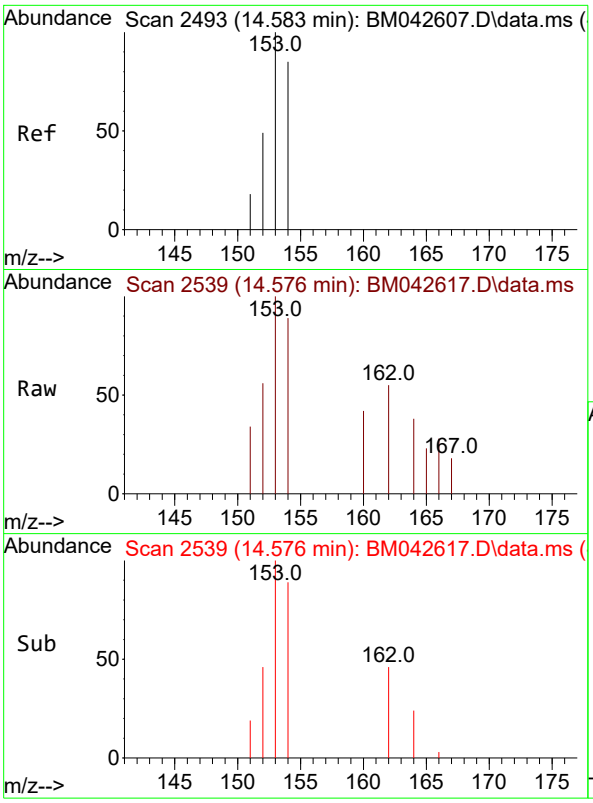


#8
1-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.559 min Scan# 2132
Delta R.T. -0.008 min
Lab File: BM042617.D
Acq: 07 Nov 2023 18:07

Tgt Ion:142 Resp: 214

Ion	Ratio	Lower	Upper
142	100		
141	88.3	75.4	113.2



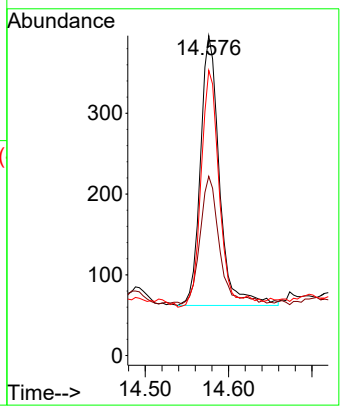


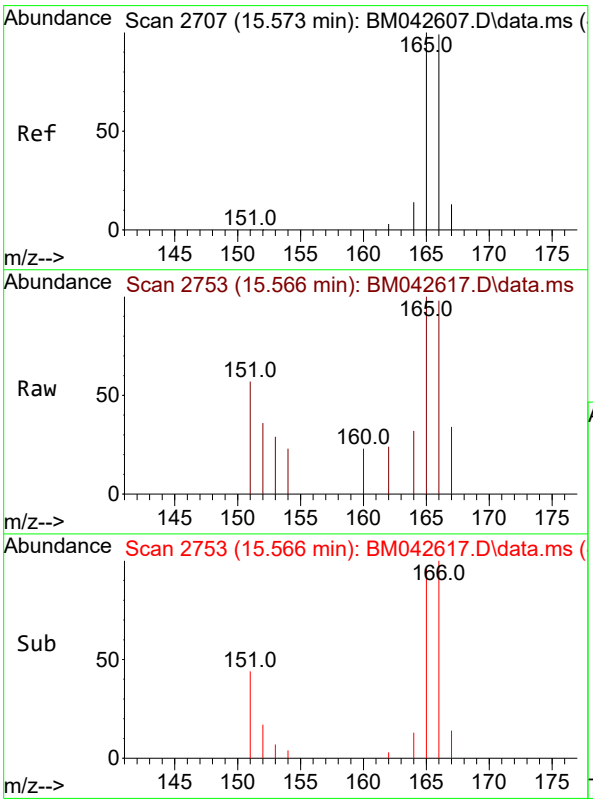
#11
Acenaphthene
Concen: 0.055 ng/ul
RT: 14.576 min Scan# 2
Delta R.T. -0.002 min
Lab File: BM042617.D
Acq: 07 Nov 2023 18:07

Instrument :
BNA_M
ClientSampleId :
BH337

Tgt Ion:153 Resp: 532

Ion	Ratio	Lower	Upper
153	100		
152	56.1	41.8	62.6
154	89.1	69.2	103.8

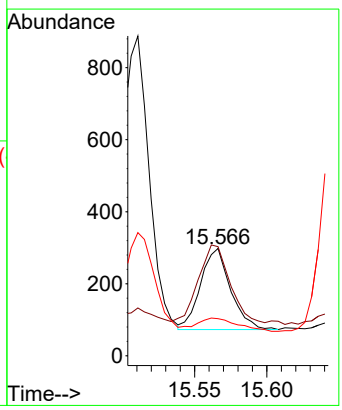


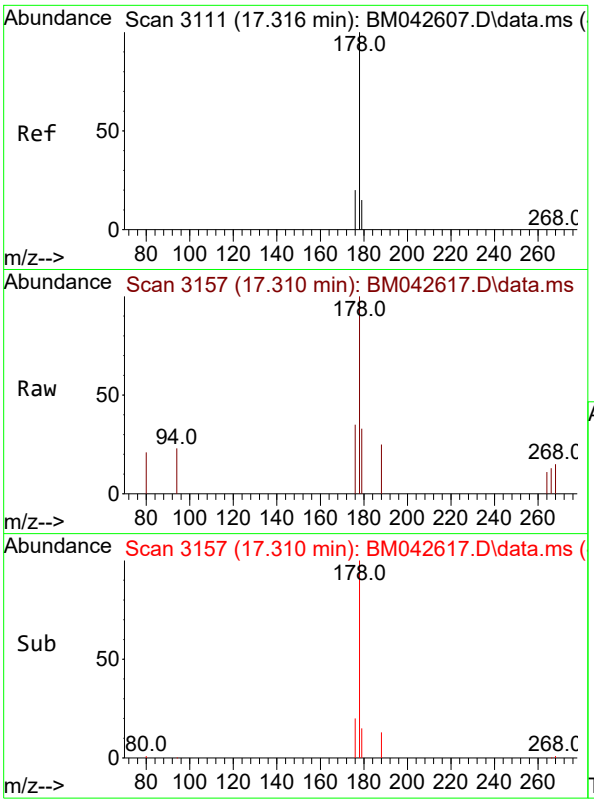


#12
Fluorene
Concen: 0.029 ng/ul
RT: 15.566 min Scan# 2753
Delta R.T. -0.002 min
Lab File: BM042617.D
Acq: 07 Nov 2023 18:07

Tgt Ion:166 Resp: 325

Ion	Ratio	Lower	Upper
166	100		
165	101.7	81.2	121.8
167	34.6	11.9	17.9#



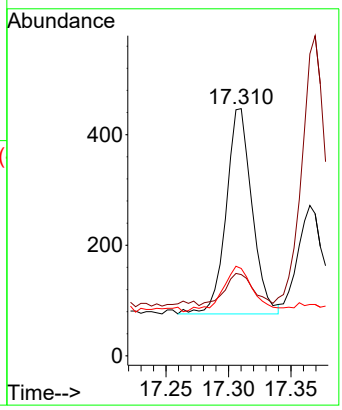


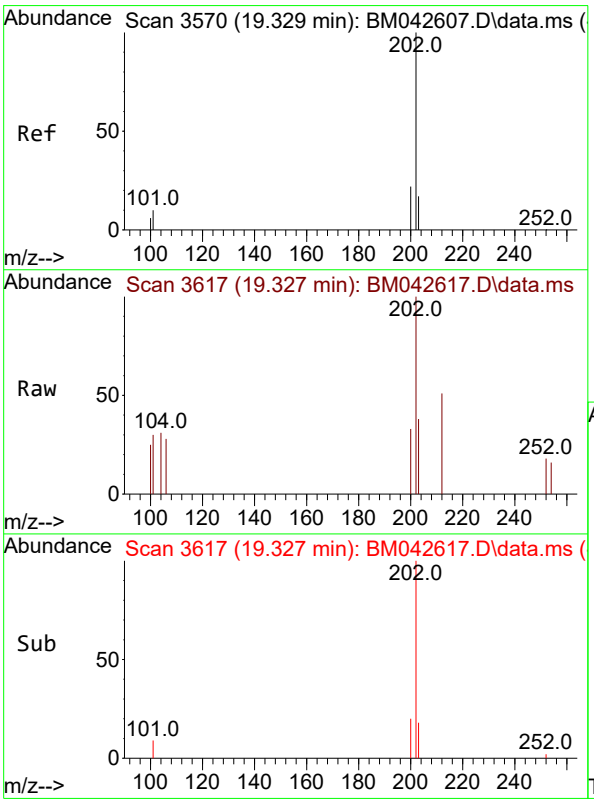
#15
Phenanthrene
Concen: 0.029 ng/ul
RT: 17.310 min Scan# 3
Delta R.T. -0.002 min
Lab File: BM042617.D
Acq: 07 Nov 2023 18:07

Instrument :
BNA_M
ClientSampleId :
BH337

Tgt Ion:178 Resp: 534

Ion	Ratio	Lower	Upper
178	100		
179	32.9	13.7	20.5#
176	35.3	18.2	27.2#

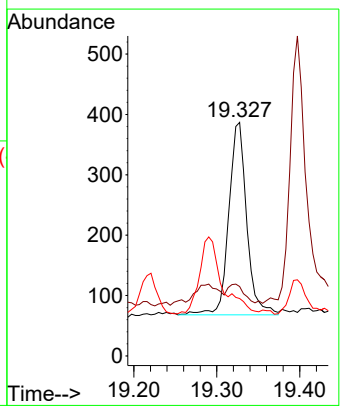


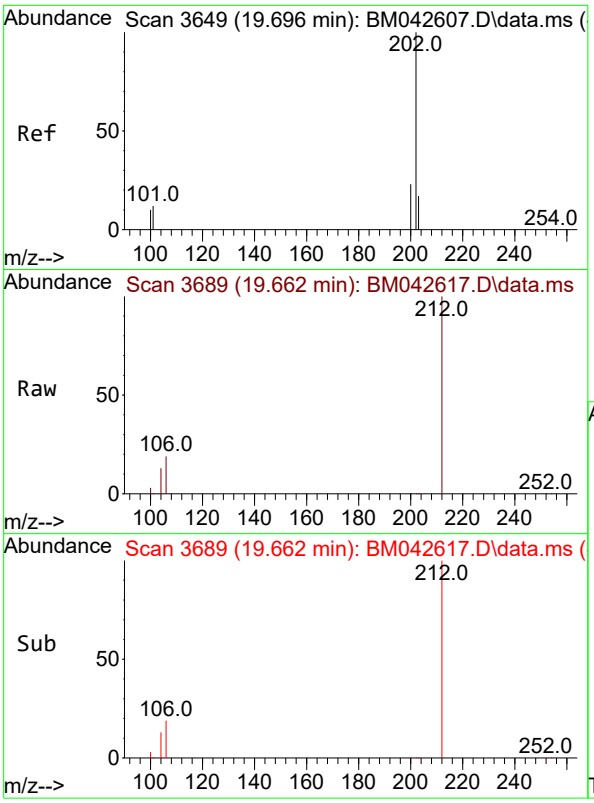


#19
Fluoranthene
Concen: 0.027 ng/ul
RT: 19.327 min Scan# 3617
Delta R.T. -0.002 min
Lab File: BM042617.D
Acq: 07 Nov 2023 18:07

Tgt Ion:202 Resp: 480

Ion	Ratio	Lower	Upper
202	100		
101	29.7	9.0	13.6#
100	24.5	7.3	10.9#



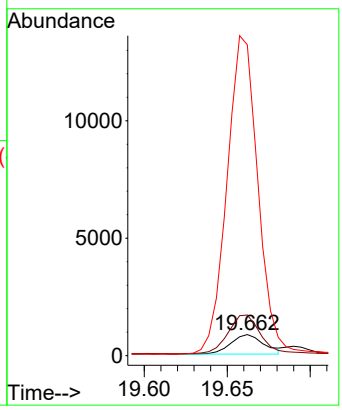


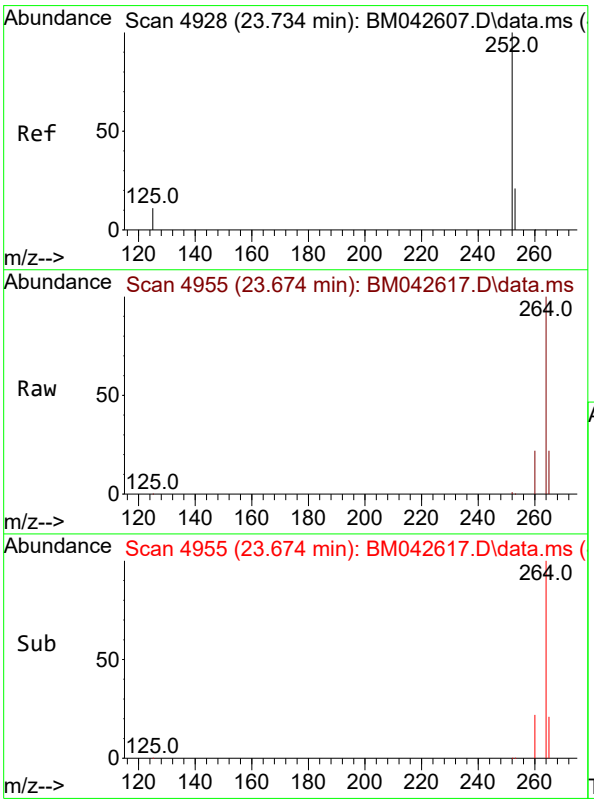
#20
Pyrene
Concen: 0.058 ng/ul
RT: 19.662 min Scan# 3
Delta R.T. -0.034 min
Lab File: BM042617.D
Acq: 07 Nov 2023 18:07

Instrument :
BNA_M
ClientSampleId :
BH337

Tgt Ion:202 Resp: 1140

Ion	Ratio	Lower	Upper
202	100		
101	191.6	10.6	16.0#
100	1467.5	8.6	13.0#





#26
Benzo(a)pyrene
Concen: 0.122 ng/ul
RT: 23.674 min Scan# 4955
Delta R.T. -0.060 min
Lab File: BM042617.D
Acq: 07 Nov 2023 18:07

Tgt Ion:252 Resp: 1748

Ion	Ratio	Lower	Upper
252	100		
253	59.8	31.7	47.5#
125	47.5	22.1	33.1#