Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100923\
Data File : BM042232.D
Acq On : 09 Oct 2023 20:10
Operator : MA/JU
Sample : 04780-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH372

Quant Time: Oct 10 00:01:32 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 : Mon Oct 09 23:59:28 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	5	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.878	136	80	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.694	164	301	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.447	188	484	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.638	240	177	0.400	ng/ul	# 0.00
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-24.14
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	15057	2261.336	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	5392	49.143	ng/ul	0.00
18) Fluoranthene-d10	19.468	212	7681	11.559	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.448	88	4595	660.835	ng/ul#	84
5) Naphthalene	10.928	128	239	0.895	ng/ul#	28
7) 2-Methylnaphthalene	12.533	142	45	0.282	ng/ul	82
8) 1-Methylnaphthalene	12.748	142	33	0.205	ng/ul	92
10) Acenaphthylene	14.398	152	125	0.066	ng/ul#	1
11) Acenaphthene	14.759	153	35	0.024	ng/ul#	70
12) Fluorene	15.688	166	2668	1.645	ng/ul#	14
14) Pentachlorophenol	17.075	266	46	0.210	ng/ul	94
15) Phenanthrene	17.489	178	208	0.104	ng/ul#	29
16) Anthracene	17.578	178	127	0.070	ng/ul#	9
19) Fluoranthene	19.496	202	97	0.072	ng/ul#	1
20) Pyrene	19.840	202	2160	1.511	ng/ul#	1
21) Benzo(a)anthracene	21.621	228	104	0.091	ng/ul#	22
22) Chrysene	21.679	228	93	0.084	ng/ul#	28

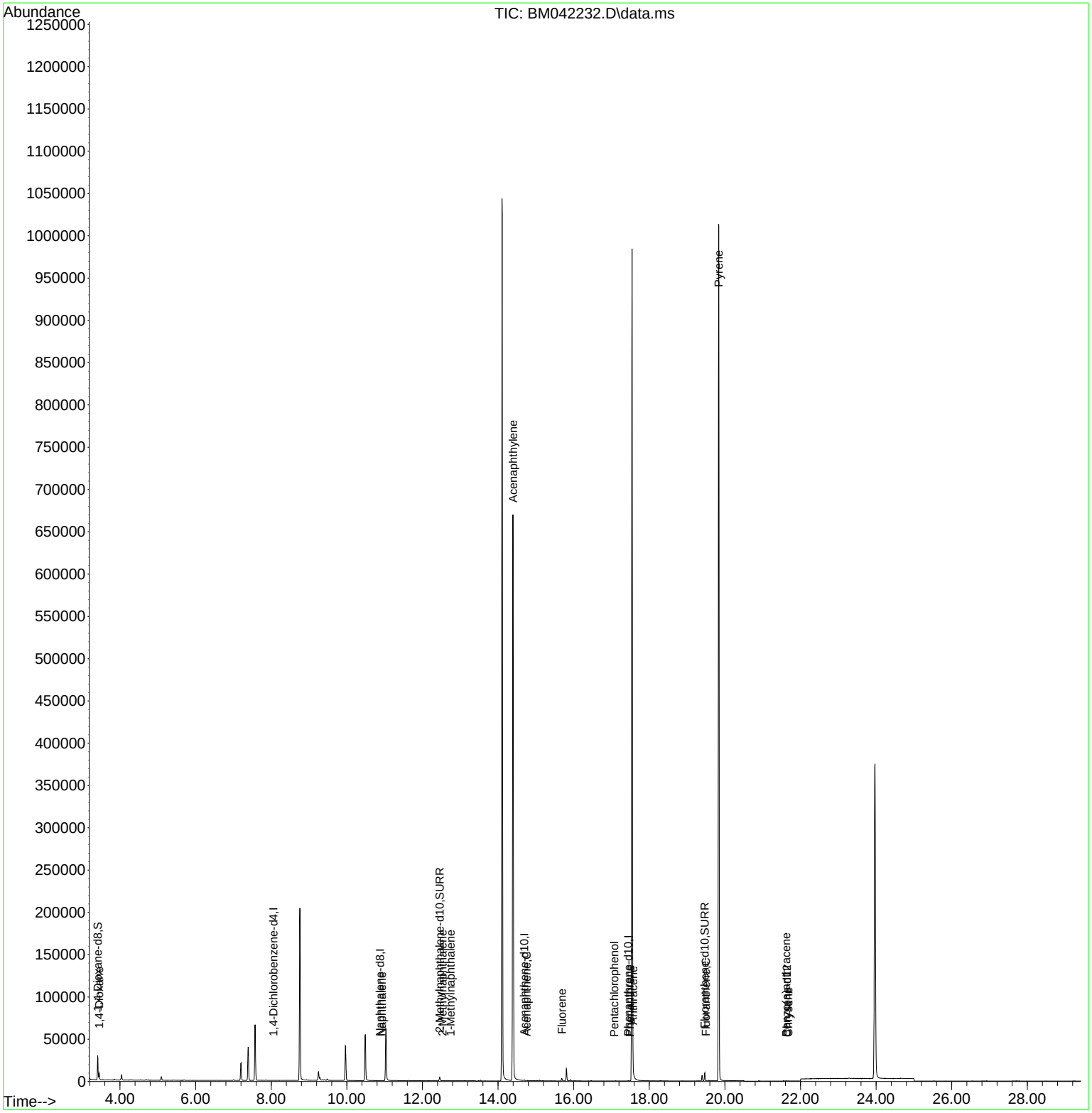
(#) = qualifier out of range (m) = manual integration (+) = signals summed

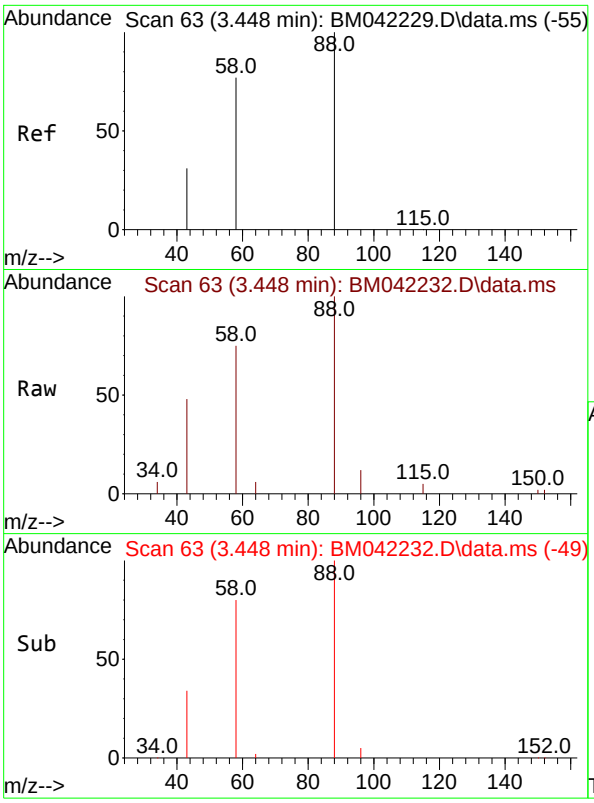
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100923\
Data File : BM042232.D
Acq On : 09 Oct 2023 20:10
Operator : MA/JU
Sample : 04780-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH372

Quant Time: Oct 10 00:01:32 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 : Mon Oct 09 23:59:28 2023
Response via : Initial Calibration



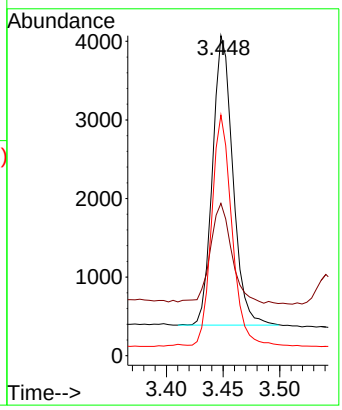


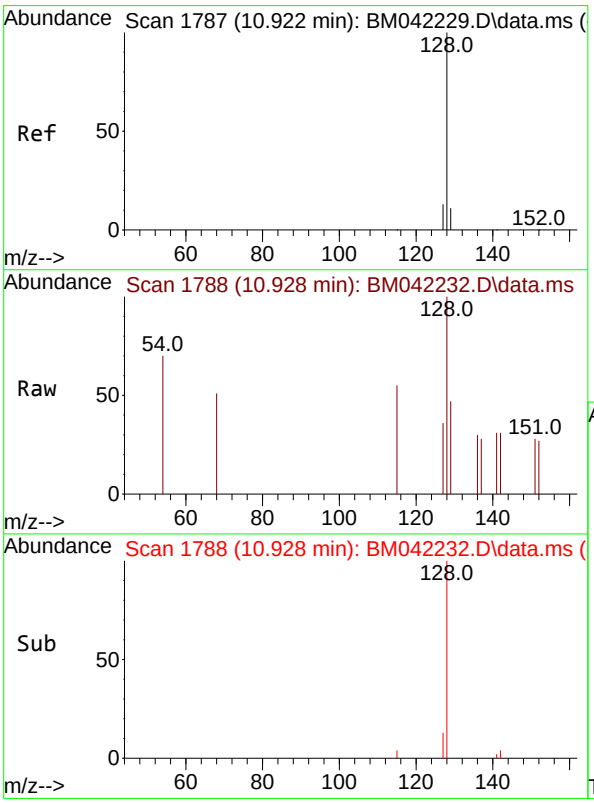
#2
1,4-Dioxane
Concen: 660.835 ng/ul
RT: 3.448 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM042232.D
Acq: 09 Oct 2023 20:10

Instrument :
BNA_M
ClientSampleId :
BH372

Tgt Ion: 88 Resp: 4595

Ion	Ratio	Lower	Upper
88	100		
43	47.6	52.1	78.1#
58	75.2	53.8	80.6

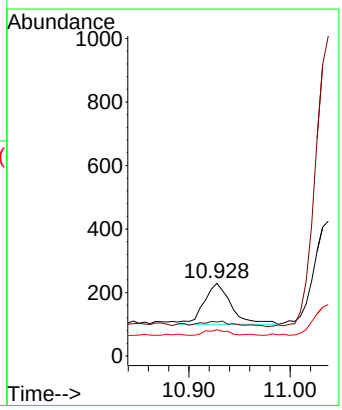


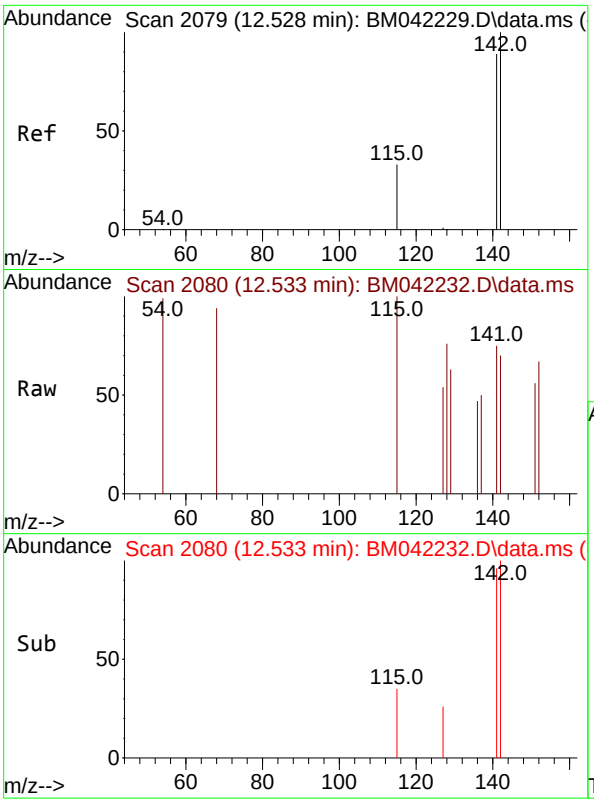


#5
Naphthalene
Concen: 0.895 ng/ul
RT: 10.928 min Scan# 1788
Delta R.T. 0.005 min
Lab File: BM042232.D
Acq: 09 Oct 2023 20:10

Tgt Ion:128 Resp: 239

Ion	Ratio	Lower	Upper
128	100		
129	46.7	9.4	14.2#
127	36.2	11.0	16.4#



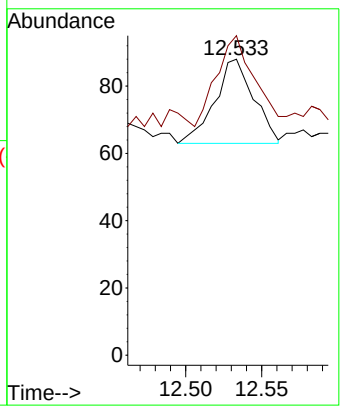


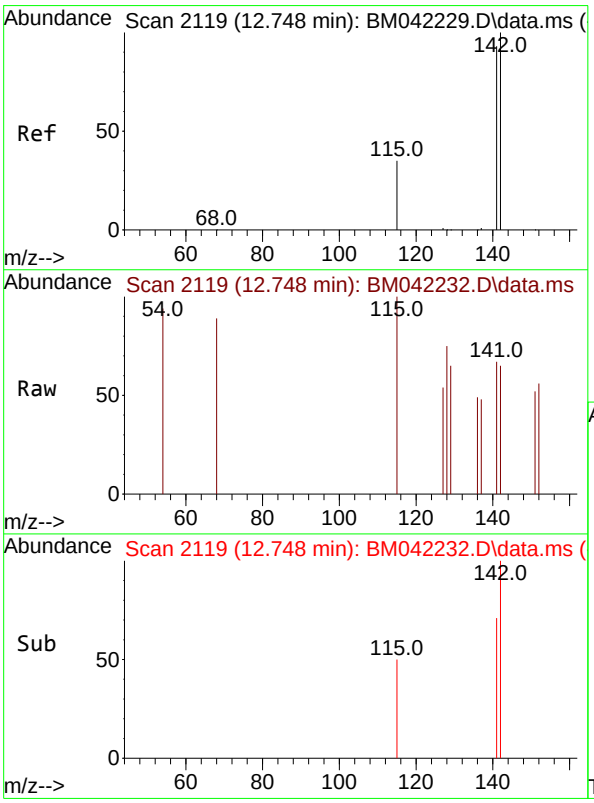
#7
2-Methylnaphthalene
Concen: 0.282 ng/ul
RT: 12.533 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM042232.D
Acq: 09 Oct 2023 20:10

Instrument :
BNA_M
ClientSampleId :
BH372

Tgt Ion:142 Resp: 45

Ion	Ratio	Lower	Upper
142	100		
141	104.4	70.2	105.4

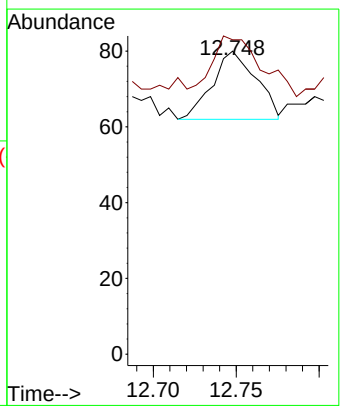


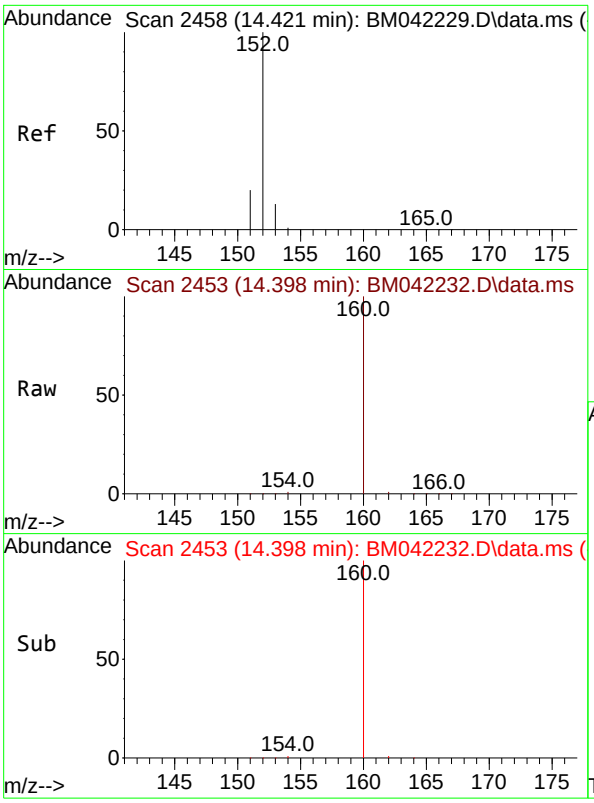


#8
1-Methylnaphthalene
Concen: 0.205 ng/ul
RT: 12.748 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM042232.D
Acq: 09 Oct 2023 20:10

Tgt Ion:142 Resp: 33

Ion	Ratio	Lower	Upper
142	100		
141	100.0	73.5	110.3



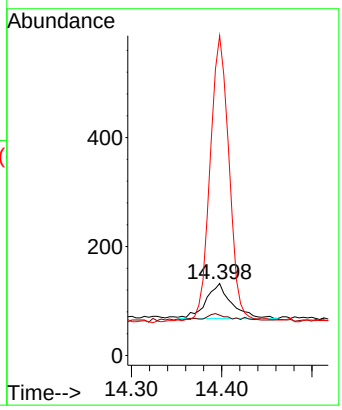


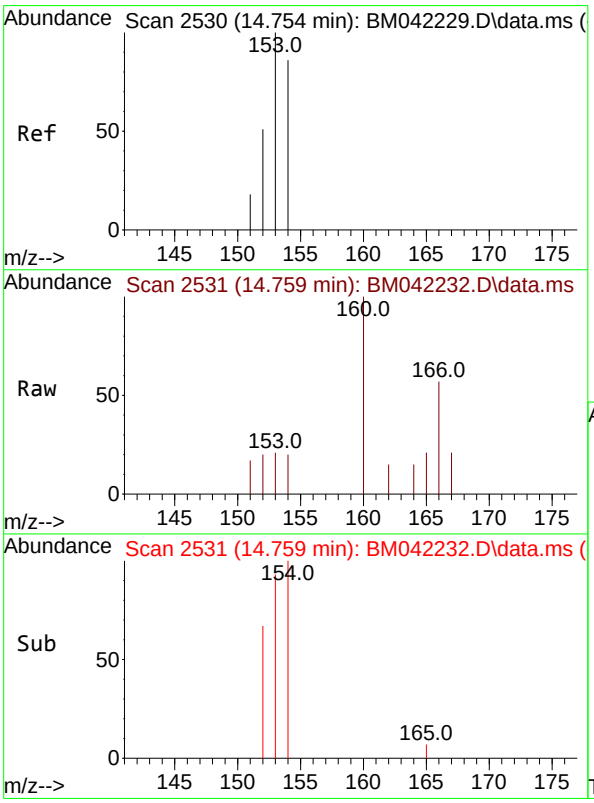
#10
Acenaphthylene
Concen: 0.066 ng/ul
RT: 14.398 min Scan# 24
Delta R.T. -0.023 min
Lab File: BM042232.D
Acq: 09 Oct 2023 20:10

Instrument :
BNA_M
ClientSampleId :
BH372

Tgt Ion:152 Resp: 125

Ion	Ratio	Lower	Upper
152	100		
151	56.1	16.4	24.6#
153	444.7	10.9	16.3#

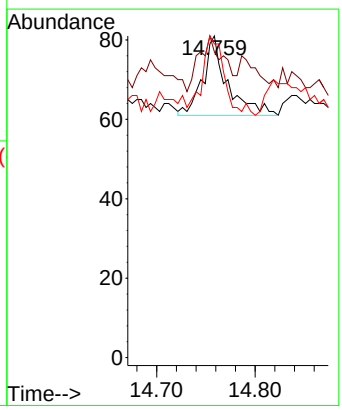


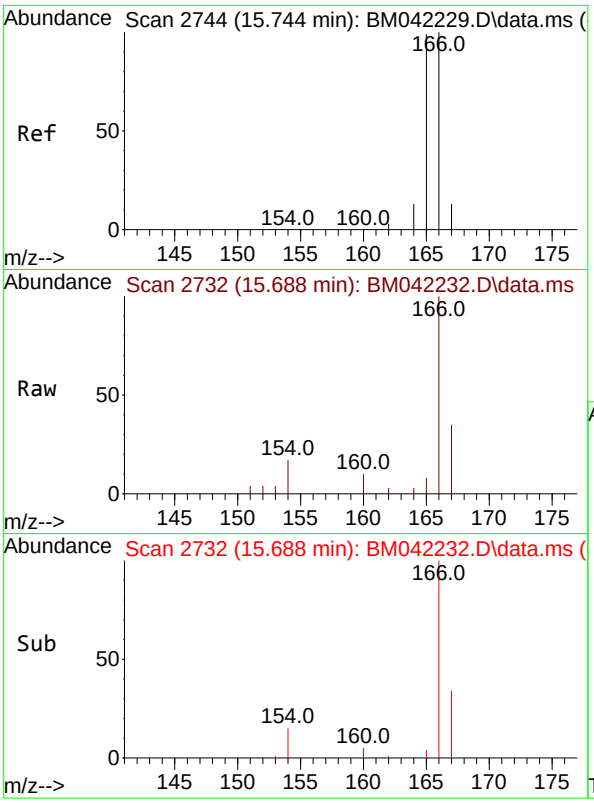


#11
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.759 min Scan# 2531
Delta R.T. 0.004 min
Lab File: BM042232.D
Acq: 09 Oct 2023 20:10

Tgt Ion:153 Resp: 35

Ion	Ratio	Lower	Upper
153	100		
152	95.1	41.1	61.7#
154	97.5	69.5	104.3



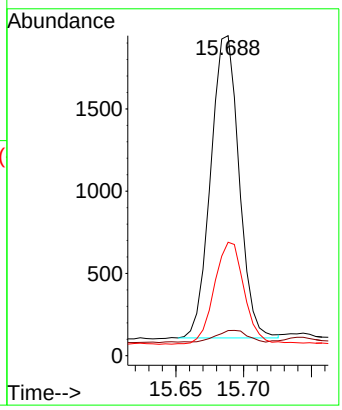


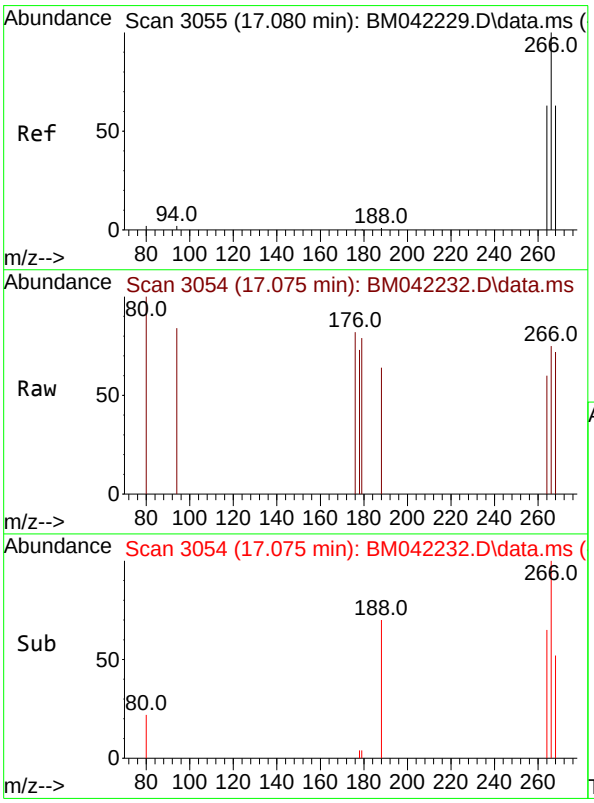
#12
Fluorene
Concen: 1.645 ng/ul
RT: 15.688 min Scan# 2
Delta R.T. -0.056 min
Lab File: BM042232.D
Acq: 09 Oct 2023 20:10

Instrument :
BNA_M
ClientSampleId :
BH372

Tgt Ion:166 Resp: 2668

Ion	Ratio	Lower	Upper
166	100		
165	7.9	78.4	117.6#
167	35.5	11.5	17.3#

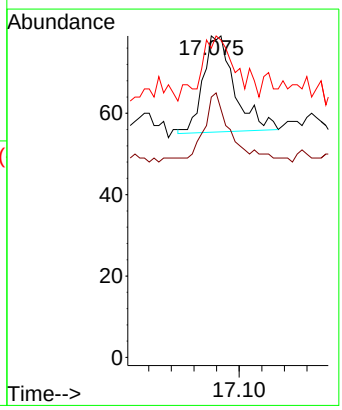


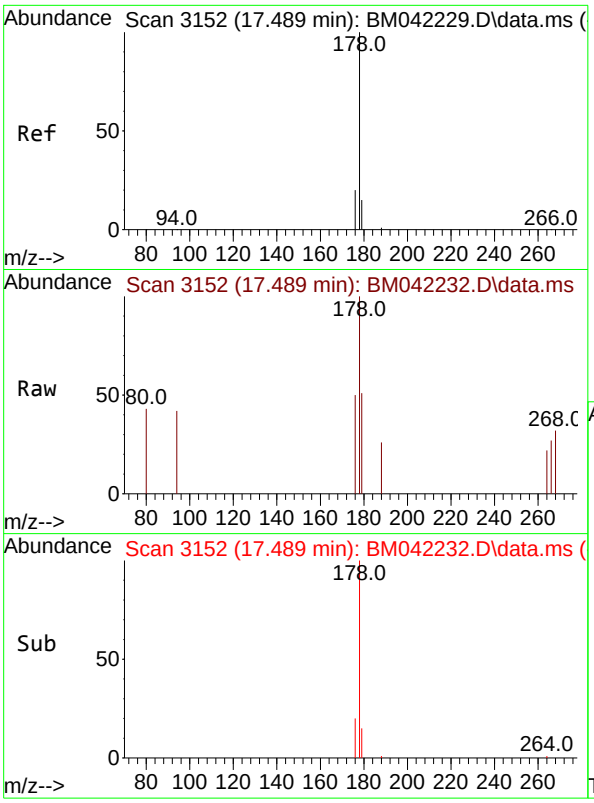


#14
Pentachlorophenol
Concen: 0.210 ng/ul
RT: 17.075 min Scan# 3054
Delta R.T. -0.004 min
Lab File: BM042232.D
Acq: 09 Oct 2023 20:10

Tgt Ion:266 Resp: 46

Ion	Ratio	Lower	Upper
266	100		
264	63.0	51.1	76.7
268	73.9	52.1	78.1



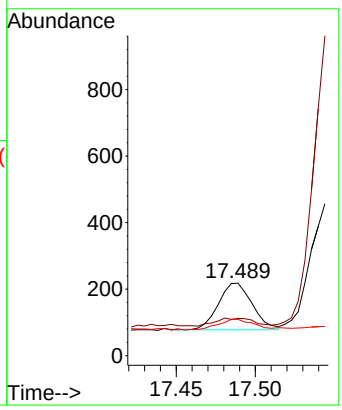


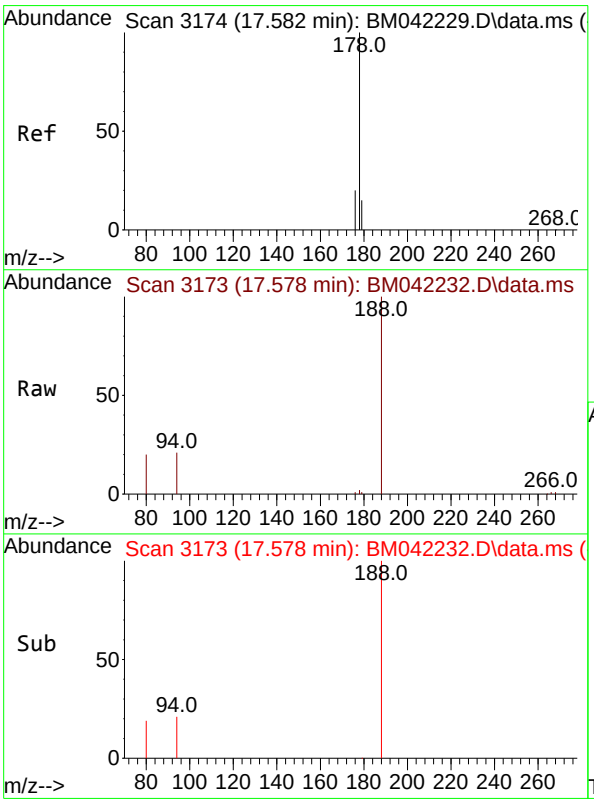
#15
Phenanthrene
Concen: 0.104 ng/ul
RT: 17.489 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM042232.D
Acq: 09 Oct 2023 20:10

Instrument :
BNA_M
ClientSampleId :
BH372

Tgt Ion:178 Resp: 208

Ion	Ratio	Lower	Upper
178	100		
179	51.4	13.0	19.4#
176	50.0	16.8	25.2#

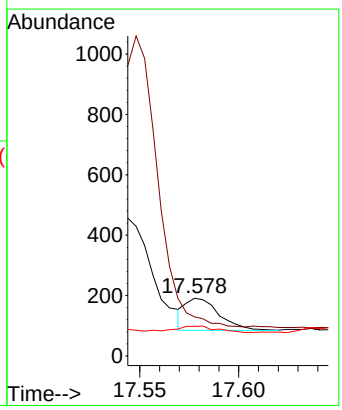


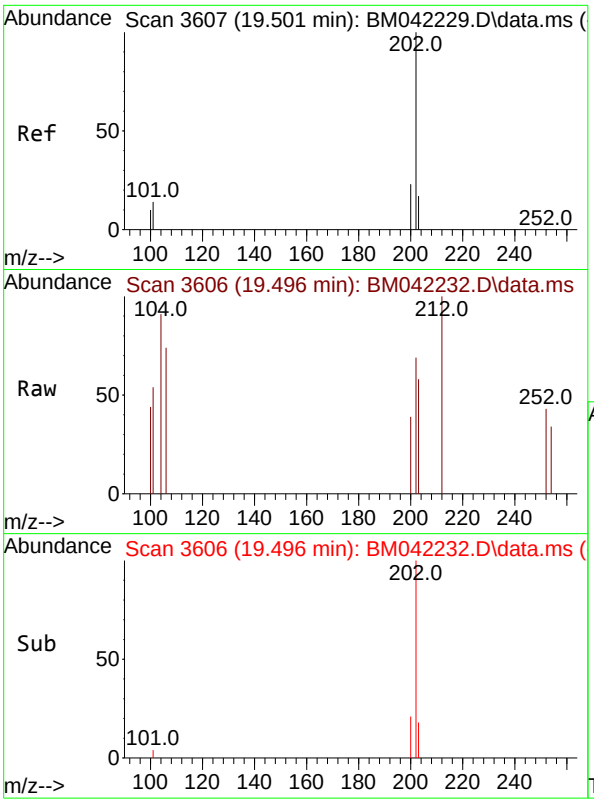


#16
Anthracene
Concen: 0.070 ng/ul
RT: 17.578 min Scan# 3173
Delta R.T. -0.004 min
Lab File: BM042232.D
Acq: 09 Oct 2023 20:10

Tgt Ion:178 Resp: 127

Ion	Ratio	Lower	Upper
178	100		
179	67.5	12.9	19.3#
176	51.3	16.3	24.5#



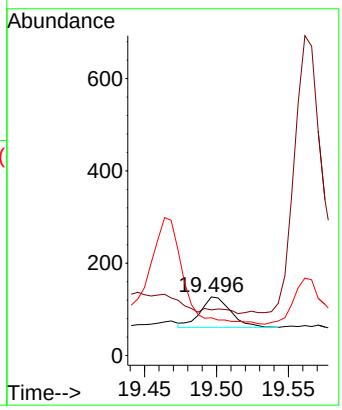


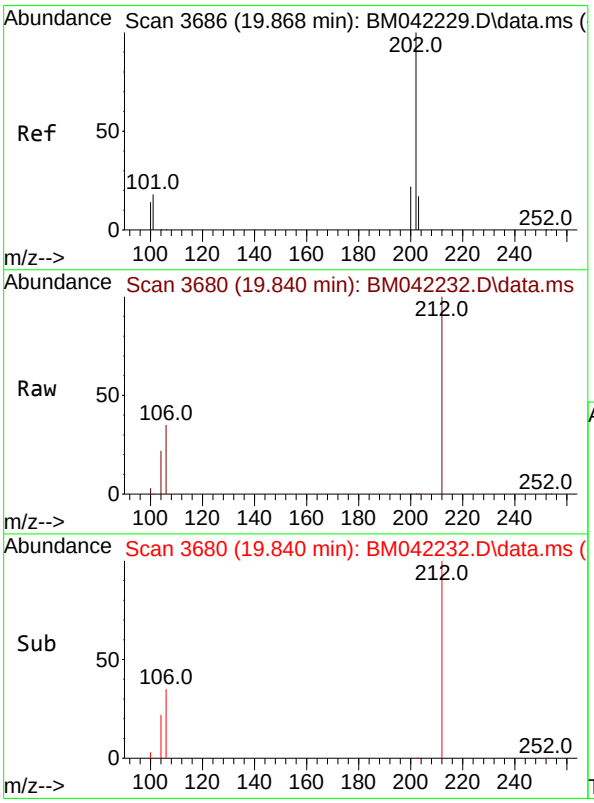
#19
Fluoranthene
Concen: 0.072 ng/ul
RT: 19.496 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM042232.D
Acq: 09 Oct 2023 20:10

Instrument :
BNA_M
ClientSampleId :
BH372

Tgt Ion:202 Resp: 97

Ion	Ratio	Lower	Upper
202	100		
101	78.0	11.1	16.7#
100	64.6	8.2	12.2#

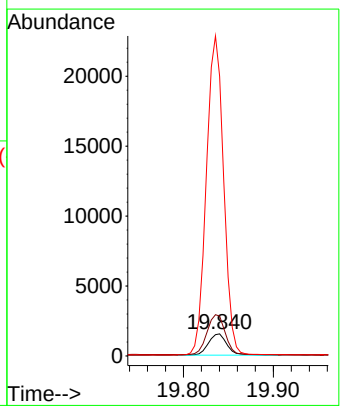


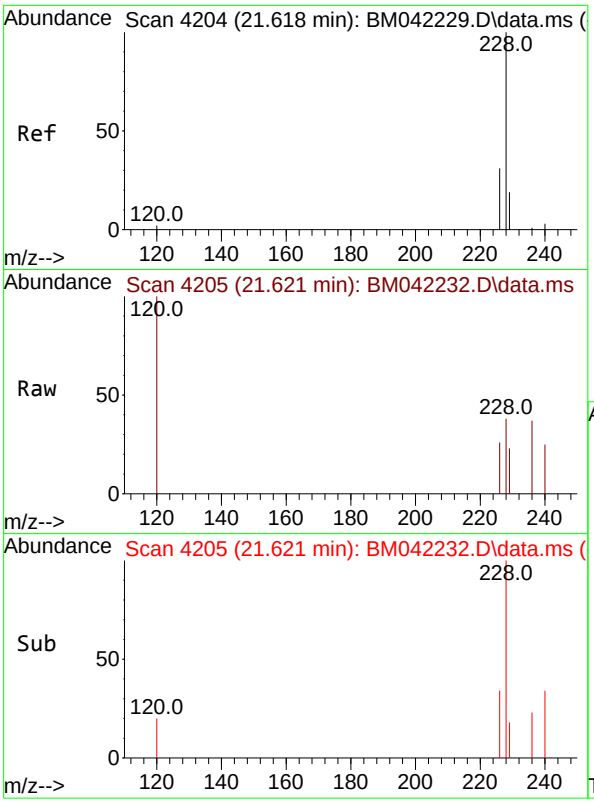


#20
Pyrene
Concen: 1.511 ng/ul
RT: 19.840 min Scan# 3680
Delta R.T. -0.028 min
Lab File: BM042232.D
Acq: 09 Oct 2023 20:10

Tgt Ion:202 Resp: 2160

Ion	Ratio	Lower	Upper
202	100		
101	180.3	12.7	19.1#
100	1267.2	9.9	14.9#



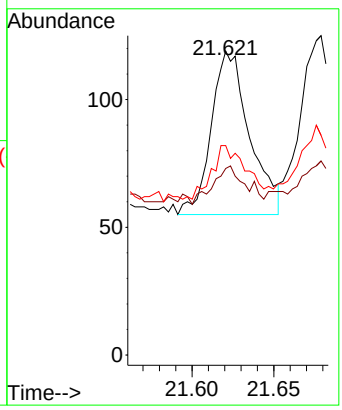


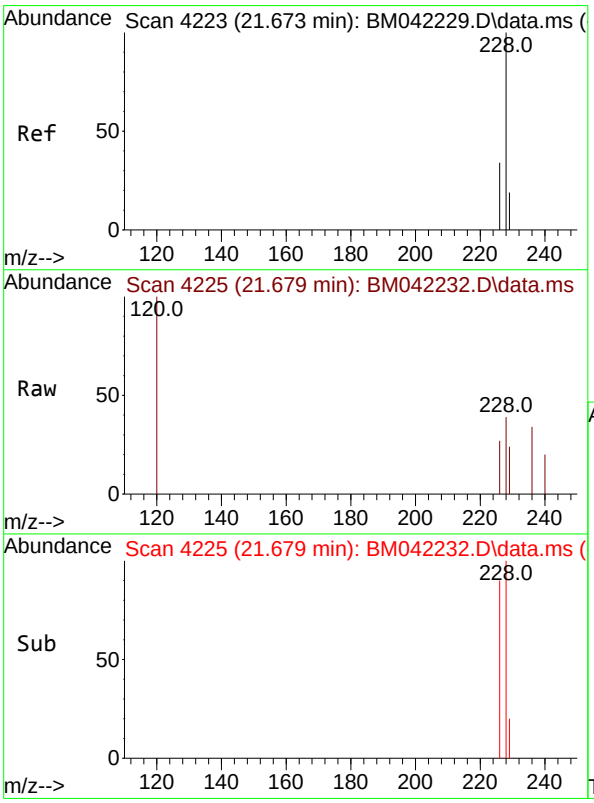
#21
Benzo(a)anthracene
Concen: 0.091 ng/ul
RT: 21.621 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM042232.D
Acq: 09 Oct 2023 20:10

Instrument :
BNA_M
ClientSampleId :
BH372

Tgt Ion:228 Resp: 104

Ion	Ratio	Lower	Upper
228	100		
229	61.3	15.8	23.8#
226	68.9	24.6	37.0#





#22
Chrysene
Concen: 0.084 ng/ul
RT: 21.679 min Scan# 4225
Delta R.T. 0.006 min
Lab File: BM042232.D
Acq: 09 Oct 2023 20:10

Tgt Ion:228 Resp: 93

Ion	Ratio	Lower	Upper
228	100		
226	68.8	26.7	40.1#
229	60.8	15.8	23.8#