Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
Data File : BM042204.D
Acq On : 05 Oct 2023 02:09
Operator : MA/JU
Sample : 04607-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBJF9

Quant Time: Oct 05 03:01:01 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 02 19:28:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	48	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.775	136	1307	0.400	ng/ul	# 0.02
9) Acenaphthene-d10	14.574	164	293	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.329	188	576	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.511	240	420	0.400	ng/ul	# 0.00
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-23.92
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	40276	630.089	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.326	152	4042	2.255	ng/ul	0.00
18) Fluoranthene-d10	19.353	212	8406	5.331	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.394	88	3023	45.287	ng/ul#	85
5) Naphthalene	10.786	128	649	0.149	ng/ul#	61
7) 2-Methylnaphthalene	12.403	142	367	0.141	ng/ul	96
8) 1-Methylnaphthalene	12.617	142	204	0.078	ng/ul	98
10) Acenaphthylene	14.301	152	292	0.158	ng/ul#	9
11) Acenaphthene	14.644	153	56	0.040	ng/ul#	76
12) Fluorene	15.624	166	101	0.064	ng/ul#	74
14) Pentachlorophenol	16.962	266	25	0.096	ng/ul	97
15) Phenanthrene	17.372	178	347	0.146	ng/ul#	43
16) Anthracene	17.464	178	163	0.075	ng/ul#	11
19) Fluoranthene	19.381	202	207	0.065	ng/ul#	1
20) Pyrene	19.721	202	2453	0.723	ng/ul#	1
21) Benzo(a)anthracene	21.493	228	322	0.119	ng/ul#	59
22) Chrysene	21.546	228	338	0.128	ng/ul#	57

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

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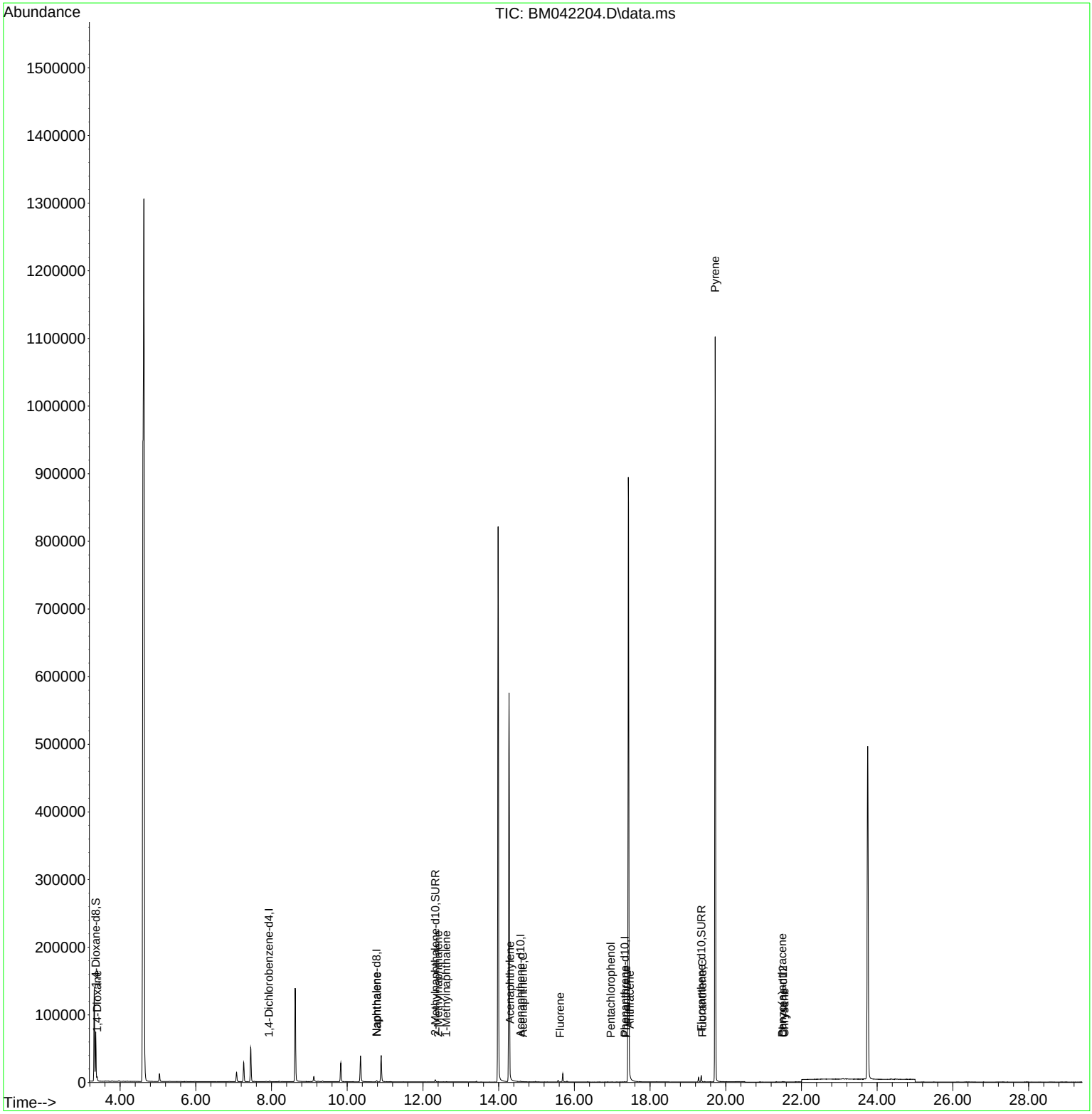
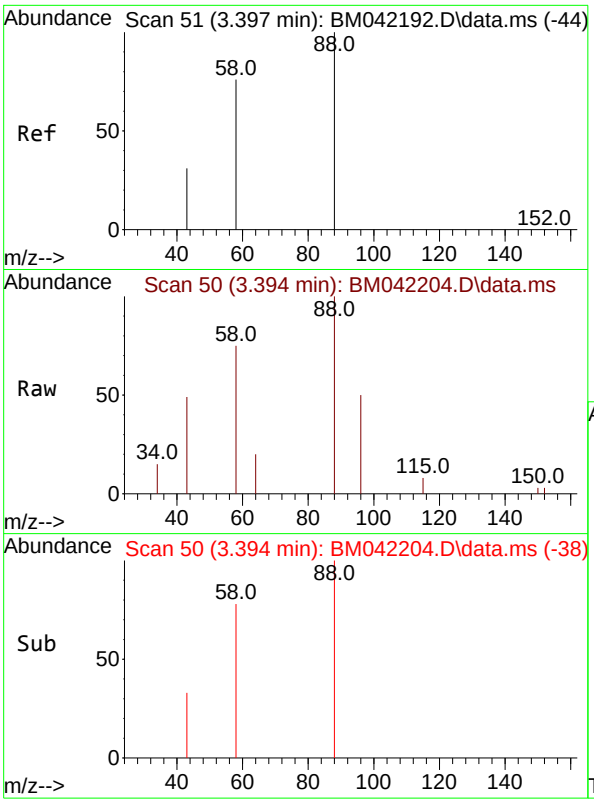
QLast Update : Mon Oct 02 19:28:41 2023
Response via : Initial Calibration



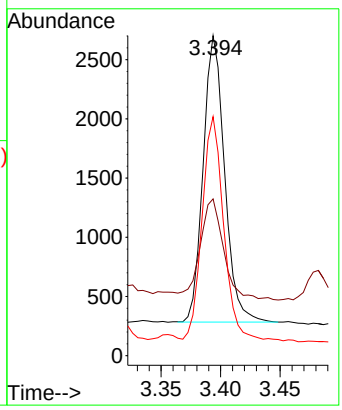


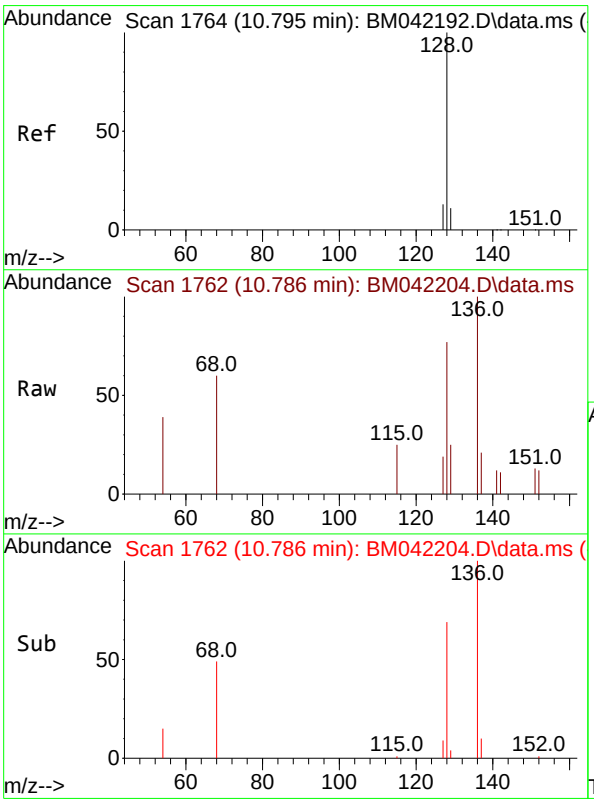
#2
1,4-Dioxane
Concen: 45.287 ng/ul
RT: 3.394 min Scan# 5
Delta R.T. -0.008 min
Lab File: BM042204.D
Acq: 05 Oct 2023 02:09

Instrument :
BNA_M
ClientSampleId :
BBJF9

Tgt Ion: 88 Resp: 3023

Ion	Ratio	Lower	Upper
88	100		
43	49.0	52.1	78.1#
58	74.7	53.8	80.6

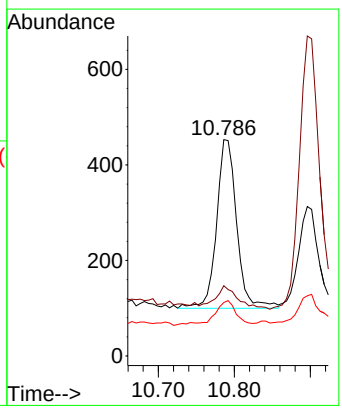


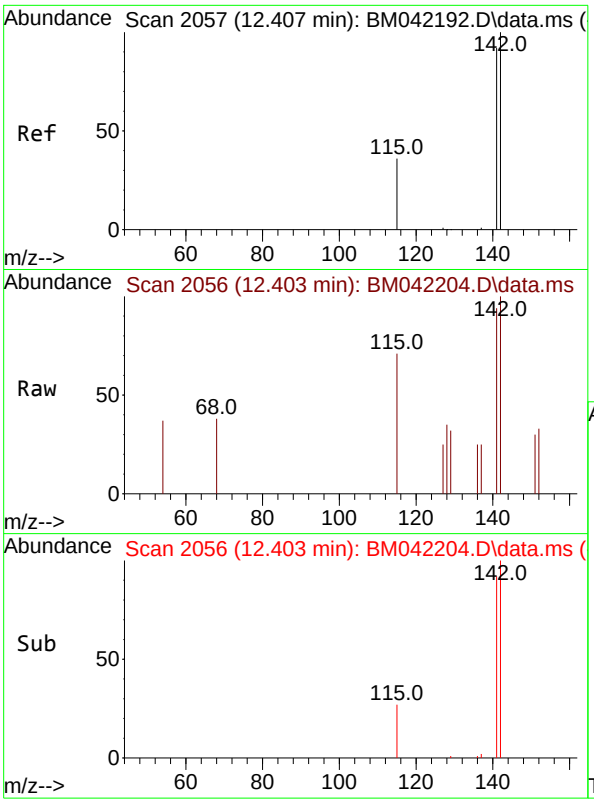


#5
Naphthalene
Concen: 0.149 ng/ul
RT: 10.786 min Scan# 1762
Delta R.T. -0.015 min
Lab File: BM042204.D
Acq: 05 Oct 2023 02:09

Tgt Ion:128 Resp: 649

Ion	Ratio	Lower	Upper
128	100		
129	32.5	9.4	14.2#
127	24.7	11.0	16.4#



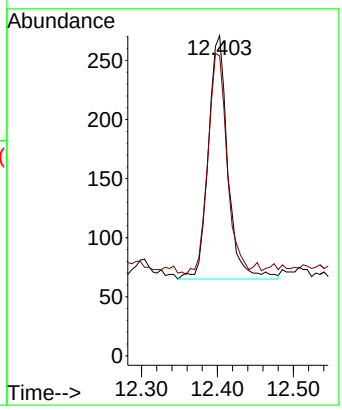


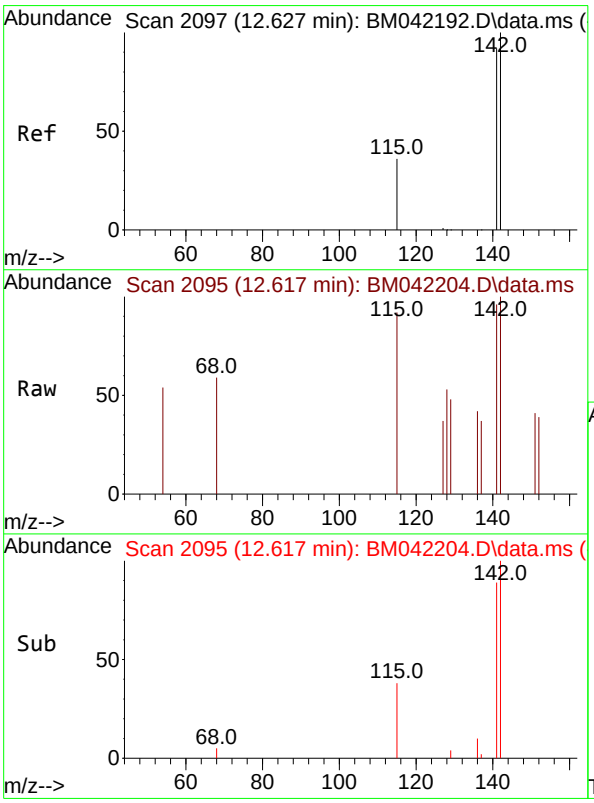
#7
2-Methylnaphthalene
Concen: 0.141 ng/ul
RT: 12.403 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM042204.D
Acq: 05 Oct 2023 02:09

Instrument :
BNA_M
ClientSampleId :
BBJF9

Tgt Ion:142 Resp: 367

Ion	Ratio	Lower	Upper
142	100		
141	91.6	70.2	105.4

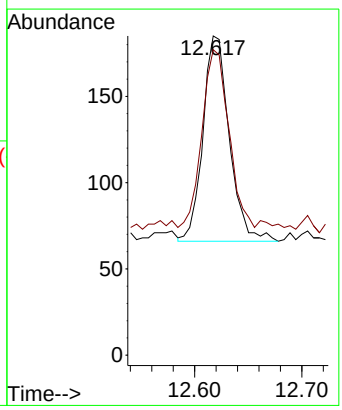


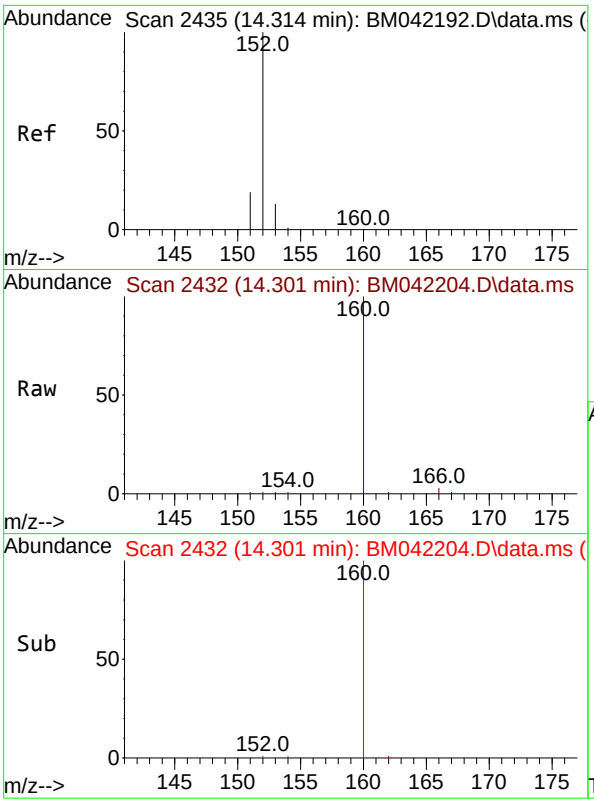


#8
1-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.617 min Scan# 2095
Delta R.T. -0.009 min
Lab File: BM042204.D
Acq: 05 Oct 2023 02:09

Tgt Ion:142 Resp: 204

Ion	Ratio	Lower	Upper
142	100		
141	93.6	73.5	110.3



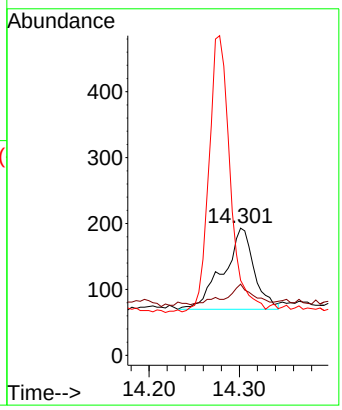


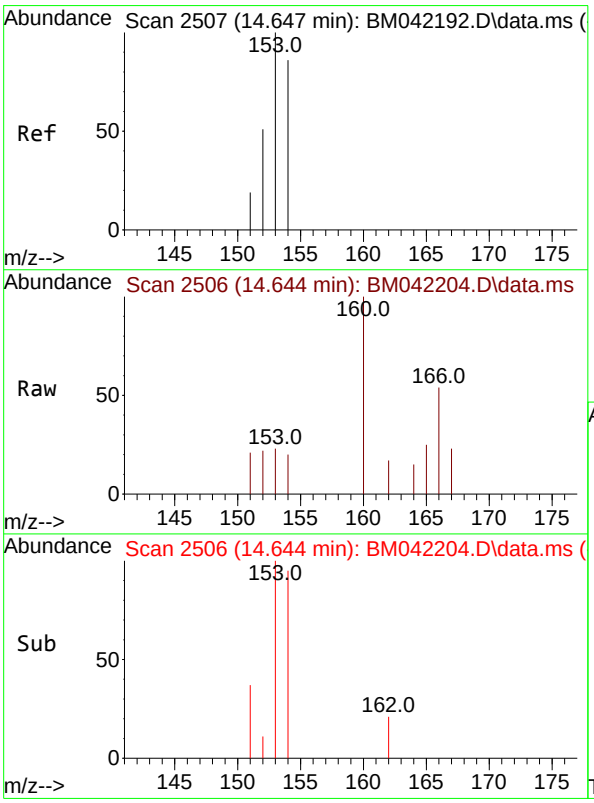
#10
Acenaphthylene
Concen: 0.158 ng/ul
RT: 14.301 min Scan# 24
Delta R.T. -0.013 min
Lab File: BM042204.D
Acq: 05 Oct 2023 02:09

Instrument :
BNA_M
ClientSampleId :
BBJF9

Tgt Ion:152 Resp: 292

Ion	Ratio	Lower	Upper
152	100		
151	56.0	16.4	24.6#
153	59.1	10.9	16.3#

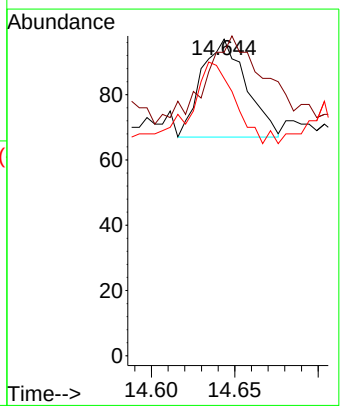


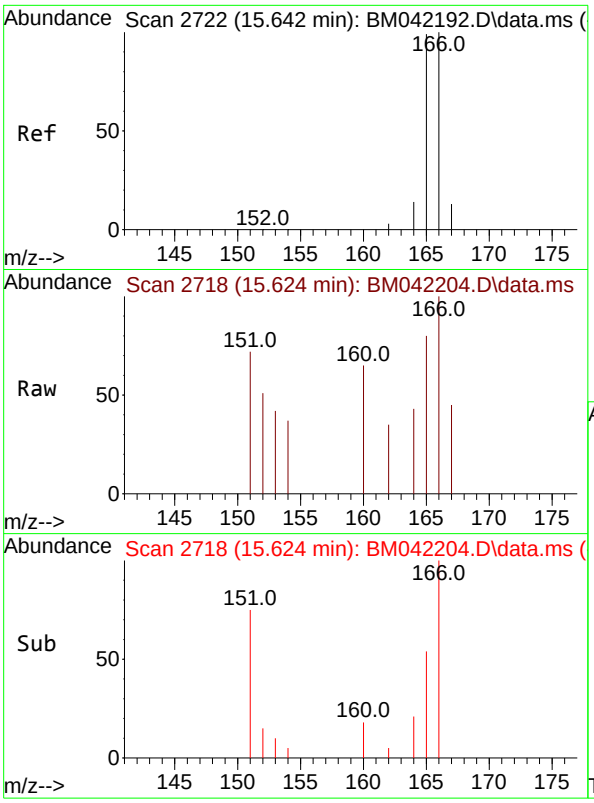


#11
Acenaphthene
Concen: 0.040 ng/ul
RT: 14.644 min Scan# 2506
Delta R.T. -0.004 min
Lab File: BM042204.D
Acq: 05 Oct 2023 02:09

Tgt Ion:153 Resp: 56

Ion	Ratio	Lower	Upper
153	100		
152	95.9	41.1	61.7#
154	87.6	69.5	104.3



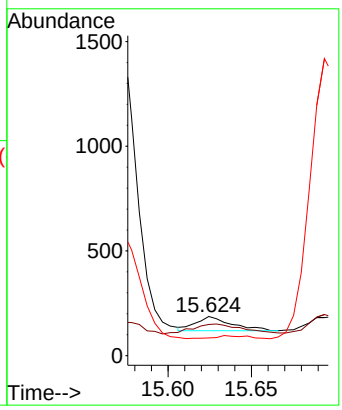


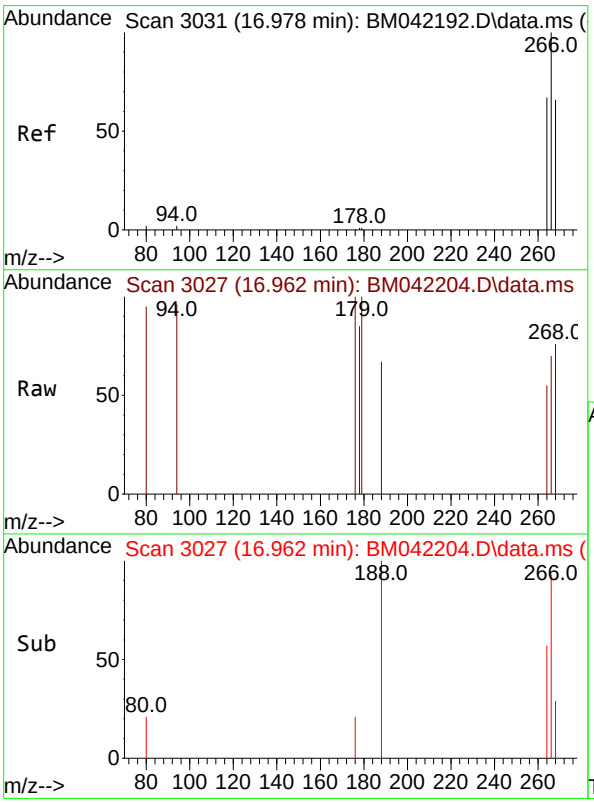
#12
Fluorene
Concen: 0.064 ng/ul
RT: 15.624 min Scan# 2
Delta R.T. -0.013 min
Lab File: BM042204.D
Acq: 05 Oct 2023 02:09

Instrument :
BNA_M
ClientSampleId :
BBJF9

Tgt Ion:166 Resp: 101

Ion	Ratio	Lower	Upper
166	100		
165	79.7	78.4	117.6
167	45.5	11.5	17.3#

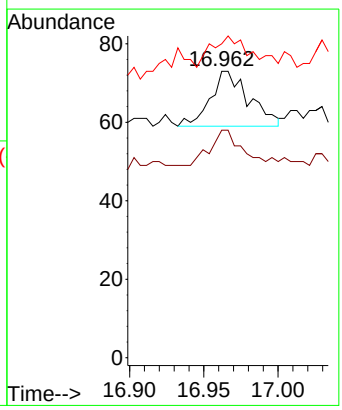


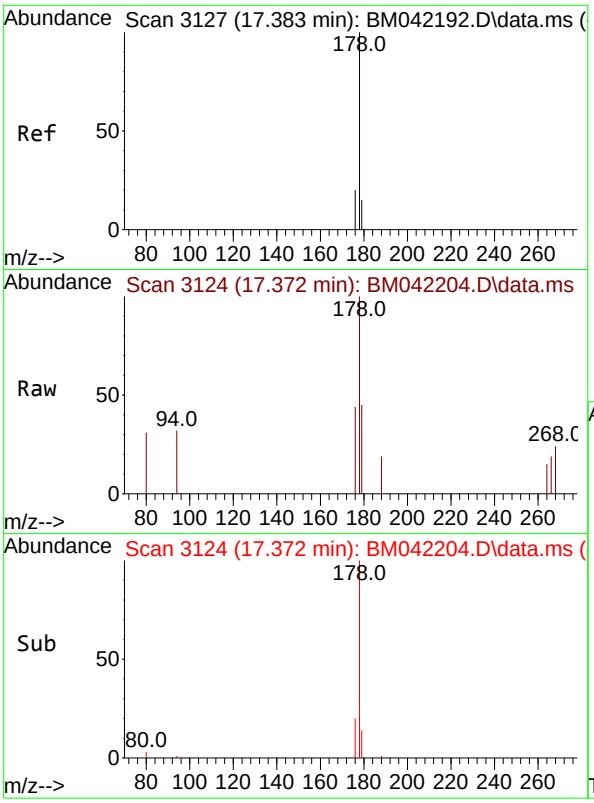


#14
Pentachlorophenol
Concen: 0.096 ng/ul
RT: 16.962 min Scan# 3027
Delta R.T. -0.016 min
Lab File: BM042204.D
Acq: 05 Oct 2023 02:09

Tgt Ion:266 Resp: 25

Ion	Ratio	Lower	Upper
266	100		
264	68.0	51.1	76.7
268	64.0	52.1	78.1



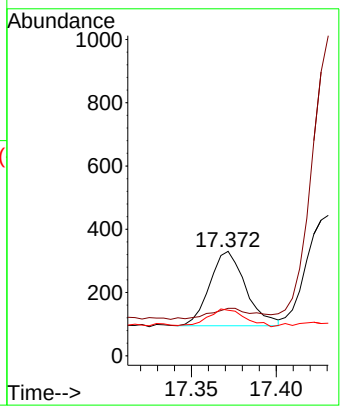


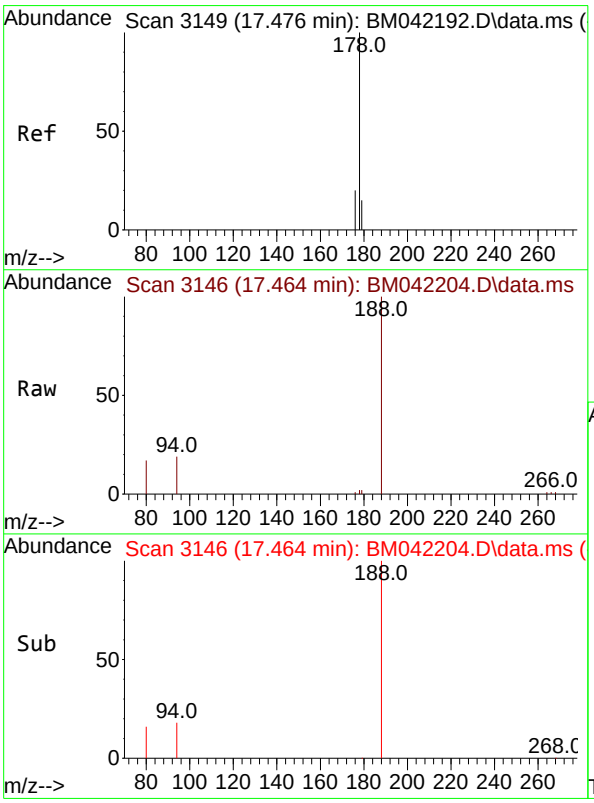
#15
Phenanthrene
Concen: 0.146 ng/ul
RT: 17.372 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM042204.D
Acq: 05 Oct 2023 02:09

Instrument :
BNA_M
ClientSampleId :
BBJF9

Tgt Ion:178 Resp: 347

Ion	Ratio	Lower	Upper
178	100		
179	45.5	13.0	19.4#
176	43.6	16.8	25.2#

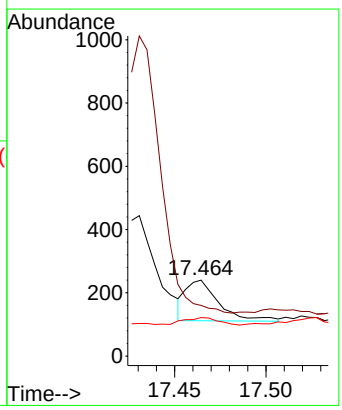


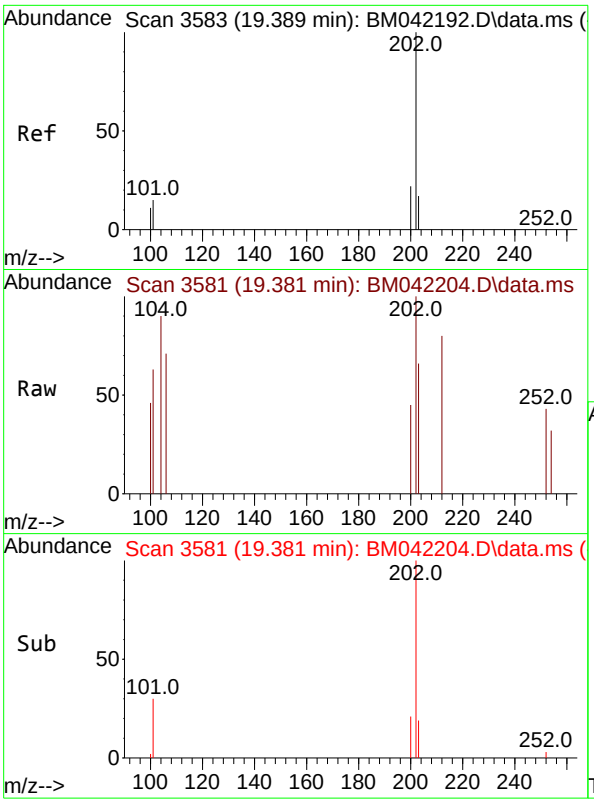


#16
Anthracene
Concen: 0.075 ng/ul
RT: 17.464 min Scan# 3146
Delta R.T. -0.012 min
Lab File: BM042204.D
Acq: 05 Oct 2023 02:09

Tgt Ion:178 Resp: 163

Ion	Ratio	Lower	Upper
178	100		
179	66.7	12.9	19.3#
176	50.8	16.3	24.5#



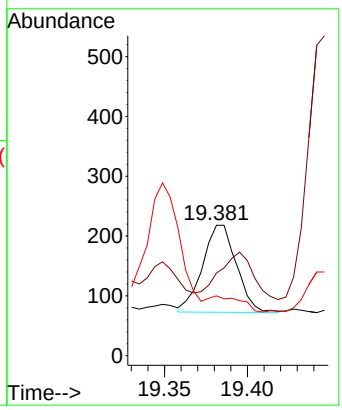


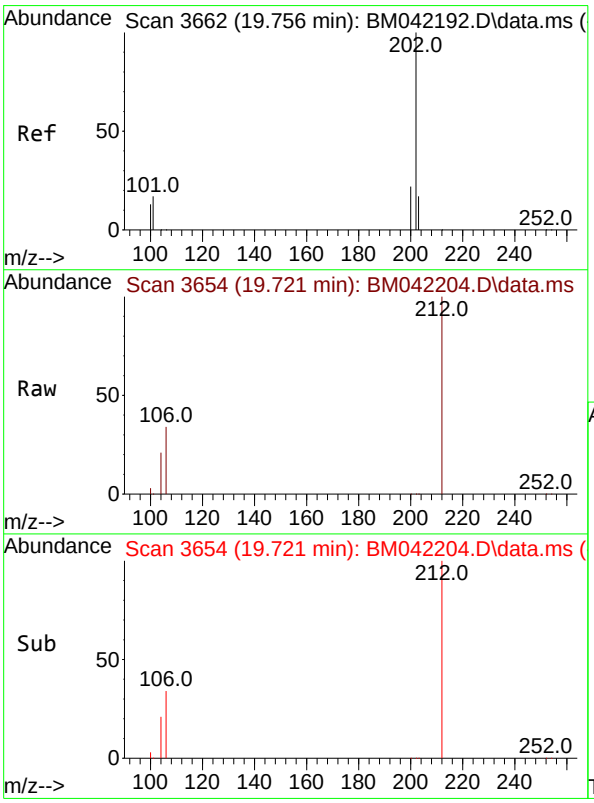
#19
Fluoranthene
Concen: 0.065 ng/ul
RT: 19.381 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM042204.D
Acq: 05 Oct 2023 02:09

Instrument :
BNA_M
ClientSampleId :
BBJF9

Tgt Ion:202 Resp: 207

Ion	Ratio	Lower	Upper
202	100		
101	63.3	11.1	16.7#
100	45.9	8.2	12.2#

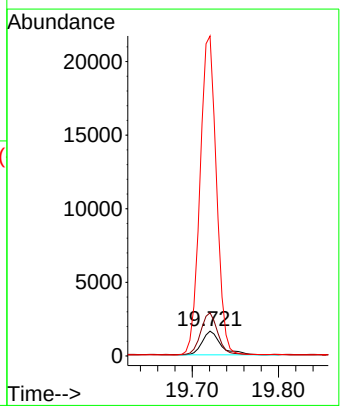


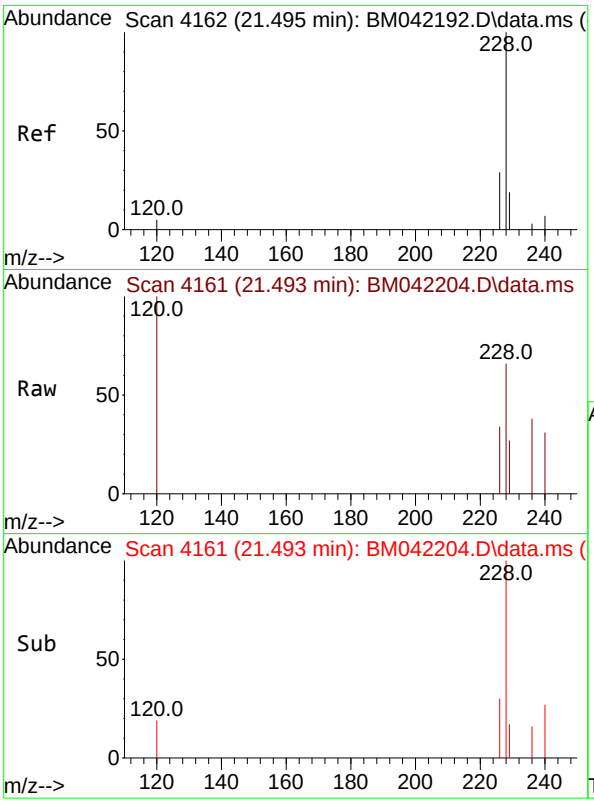


#20
Pyrene
Concen: 0.723 ng/ul
RT: 19.721 min Scan# 3654
Delta R.T. -0.041 min
Lab File: BM042204.D
Acq: 05 Oct 2023 02:09

Tgt Ion:202 Resp: 2453

Ion	Ratio	Lower	Upper
202	100		
101	174.8	12.7	19.1#
100	1292.3	9.9	14.9#



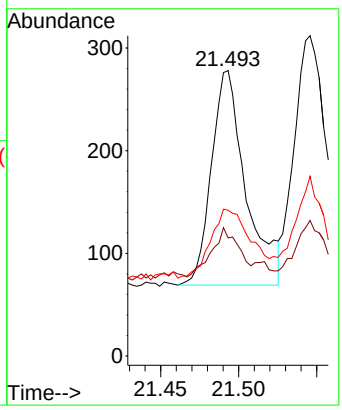


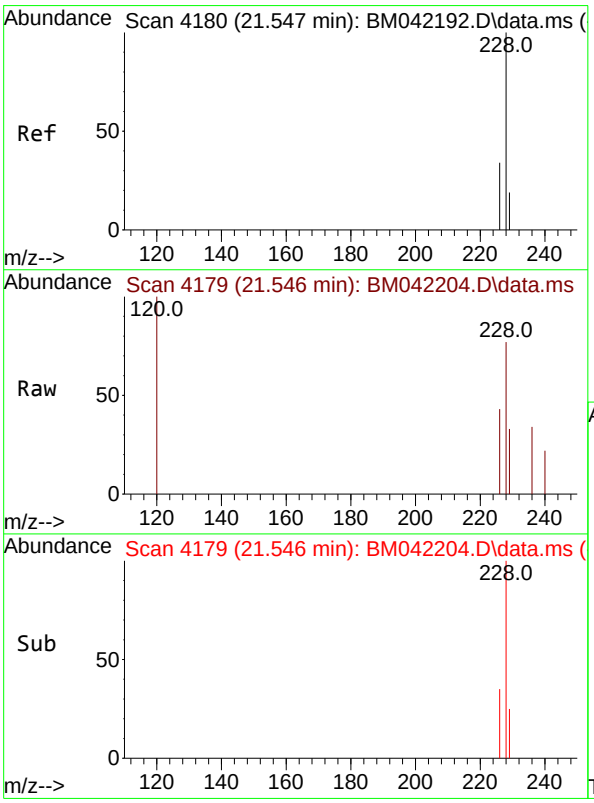
#21
Benzo(a)anthracene
Concen: 0.119 ng/ul
RT: 21.493 min Scan# 4
Delta R.T. -0.005 min
Lab File: BM042204.D
Acq: 05 Oct 2023 02:09

Instrument :
BNA_M
ClientSampleId :
BBJF9

Tgt Ion:228 Resp: 322

Ion	Ratio	Lower	Upper
228	100		
229	41.4	15.8	23.8#
226	51.1	24.6	37.0#





#22
Chrysene
Concen: 0.128 ng/ul
RT: 21.546 min Scan# 4179
Delta R.T. -0.008 min
Lab File: BM042204.D
Acq: 05 Oct 2023 02:09

Tgt Ion:228 Resp: 338

Ion	Ratio	Lower	Upper
228	100		
226	56.1	26.7	40.1#
229	42.3	15.8	23.8#