

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041691.D
 Acq On : 07 Sep 2023 12:36
 Operator : MA/JU
 Sample : 04148-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBK27

Quant Time: Sep 08 02:53:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 06 02:20:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

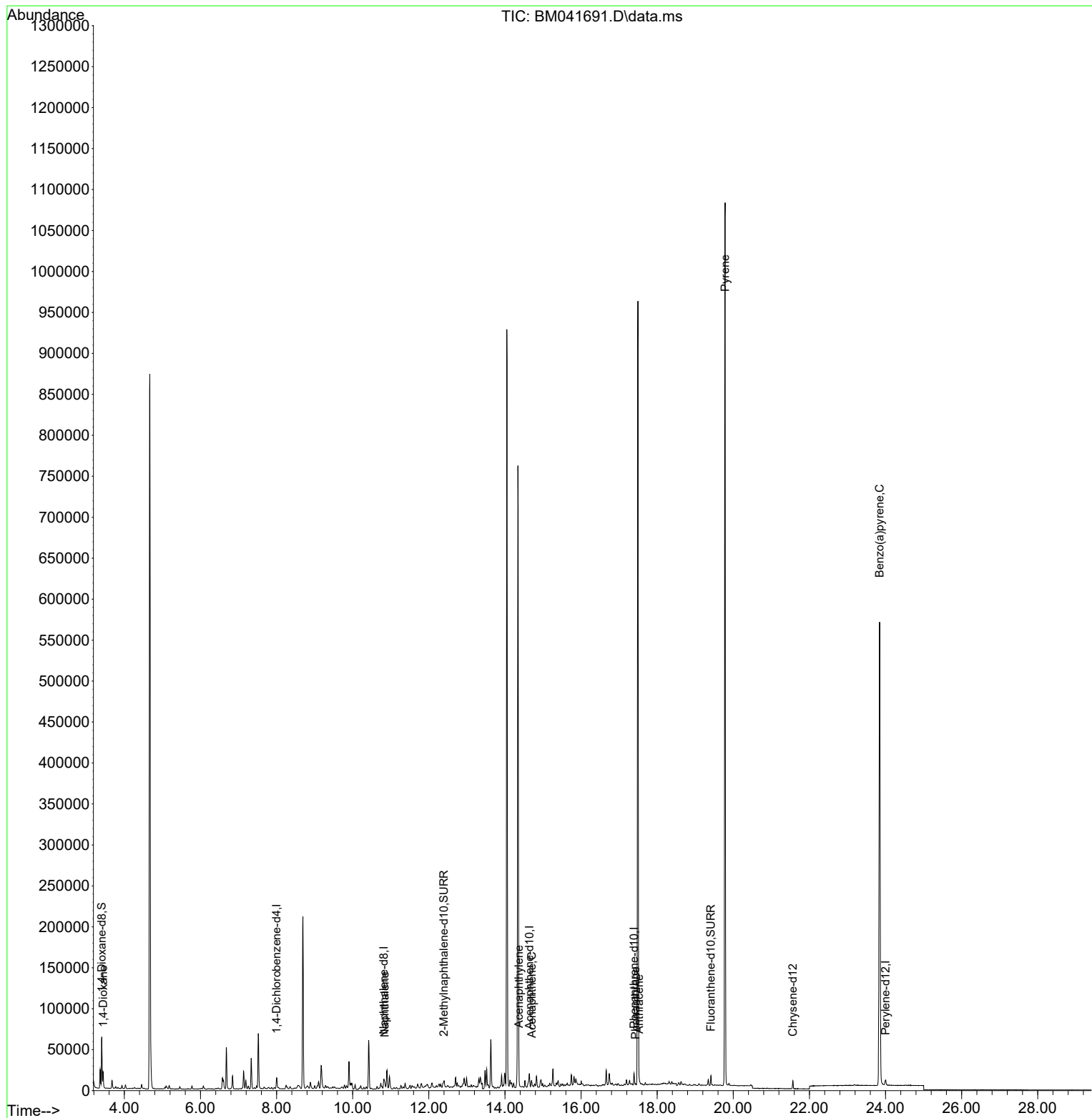
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	5850	0.400	ng/ul	0.00
4) Naphthalene-d8	10.818	136	14208	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.643	164	9171	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	15652	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.565	240	7441	0.400	ng/ul	0.00
23) Perylene-d12	24.003	264	9099	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	36003	4.027	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	4983	0.272	ng/ul	-0.01
18) Fluoranthene-d10	19.413	212	11069	0.307	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.444	88	11135	1.199	ng/ul	95
5) Naphthalene	10.840	128	2606	0.056	ng/ul#	1
10) Acenaphthylene	14.370	152	1538	0.027	ng/ul#	30
11) Acenaphthene	14.708	153	892	0.020	ng/ul#	69
15) Phenanthrene	17.434	178	2033	0.031	ng/ul#	17
16) Anthracene	17.527	178	3398	0.060	ng/ul#	10
20) Pyrene	19.785	202	3359	0.039	ng/ul#	1
26) Benzo(a)pyrene	23.845	252	4868	0.074	ng/ul#	54

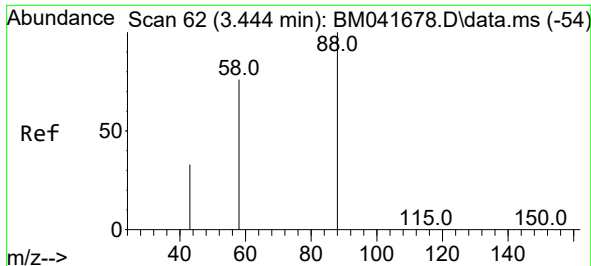
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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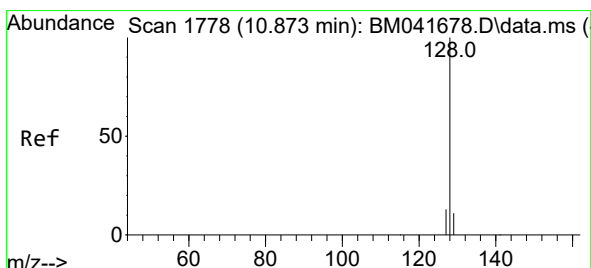
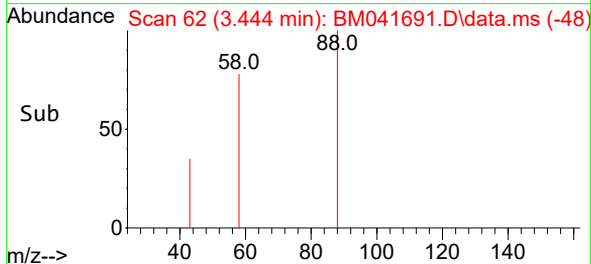
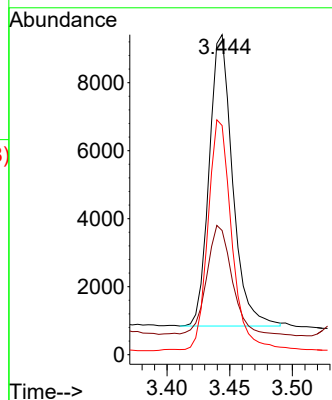
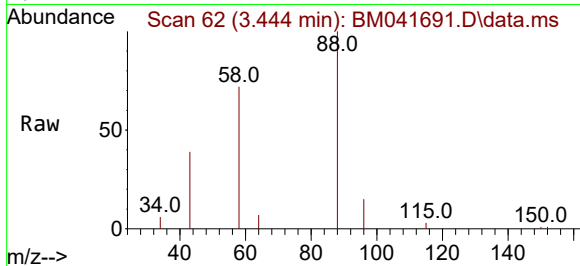




#2
1,4-Dioxane
Concen: 1.199 ng/ul
RT: 3.444 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM041691.D
Acq: 07 Sep 2023 12:36

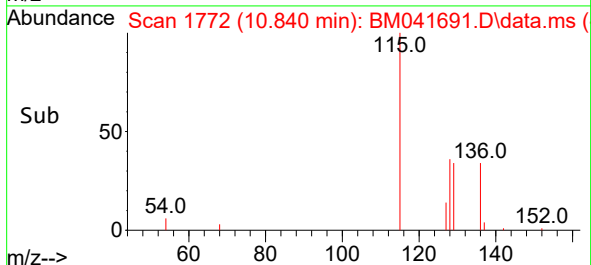
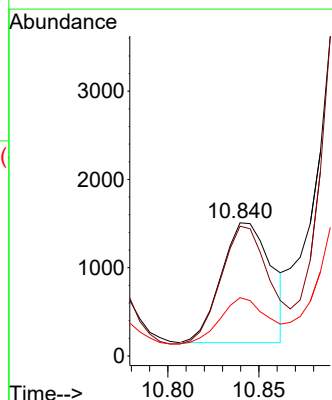
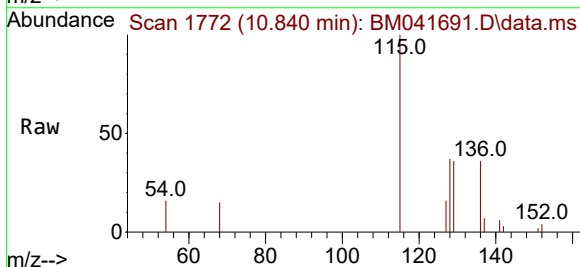
Instrument :
BNA_M
ClientSampleId :
BBK27

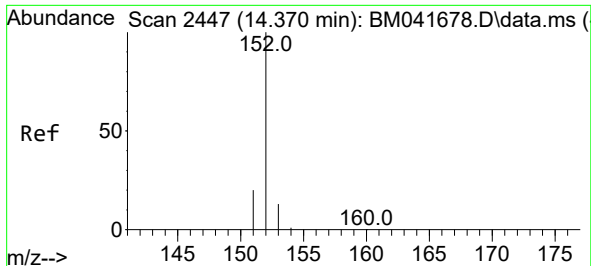
Tgt Ion: 88 Resp: 11135
Ion Ratio Lower Upper
88 100
43 38.8 33.8 50.6
58 71.6 54.2 81.2



#5
Naphthalene
Concen: 0.056 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. -0.033 min
Lab File: BM041691.D
Acq: 07 Sep 2023 12:36

Tgt Ion: 128 Resp: 2606
Ion Ratio Lower Upper
128 100
129 97.5 9.4 14.0#
127 43.8 11.0 16.6#

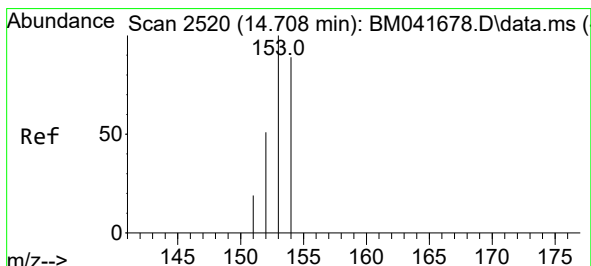
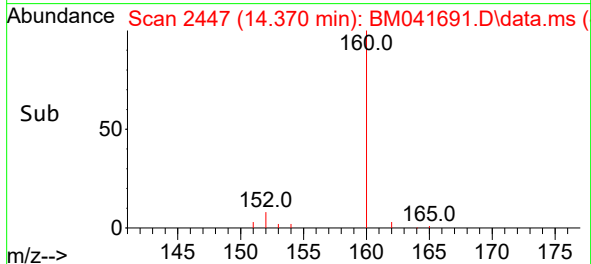
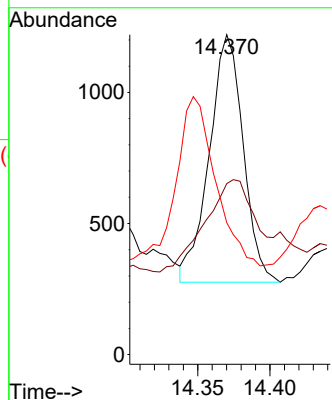
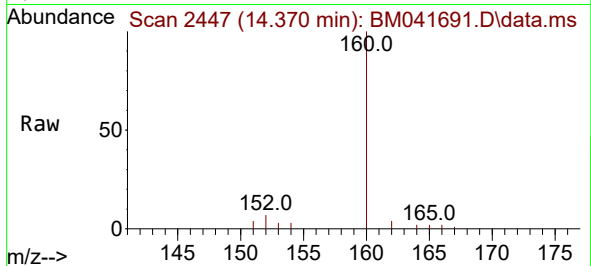




#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 14.370 min Scan# 2447
Delta R.T. -0.005 min
Lab File: BM041691.D
Acq: 07 Sep 2023 12:36

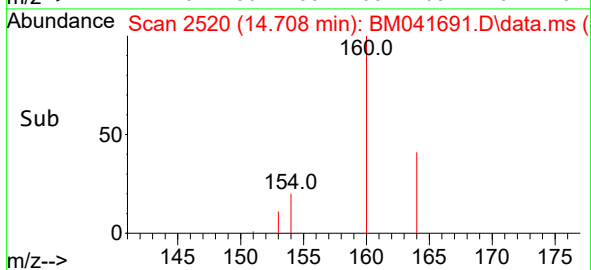
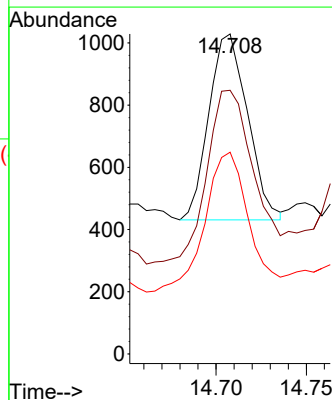
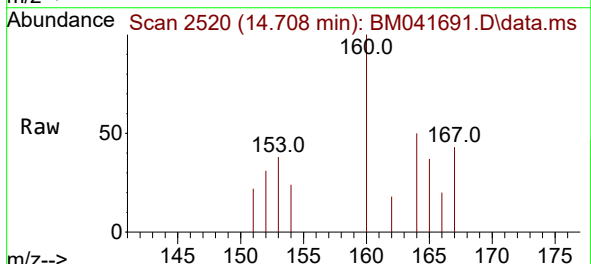
Instrument :
BNA_M
ClientSampleId :
BBK27

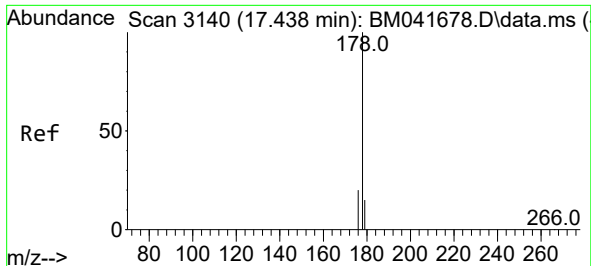
Tgt Ion:152 Resp: 1538
Ion Ratio Lower Upper
152 100
151 53.4 16.4 24.6#
153 41.2 11.1 16.7#



#11
Acenaphthene
Concen: 0.020 ng/ul
RT: 14.708 min Scan# 2520
Delta R.T. -0.005 min
Lab File: BM041691.D
Acq: 07 Sep 2023 12:36

Tgt Ion:153 Resp: 892
Ion Ratio Lower Upper
153 100
152 82.4 43.4 65.2#
154 63.1 69.4 104.0#

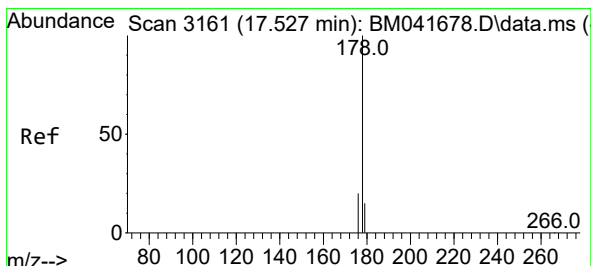
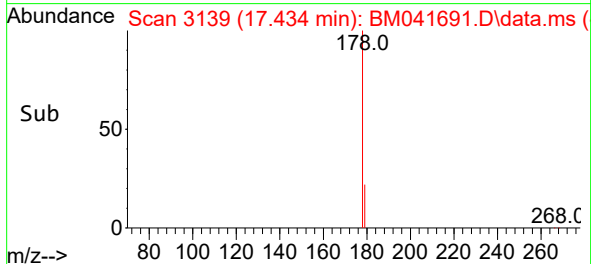
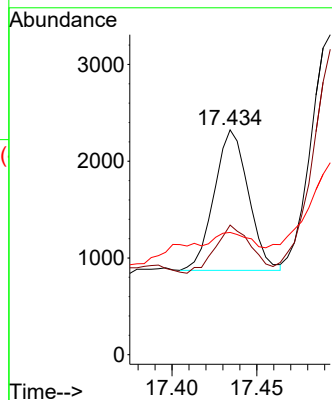
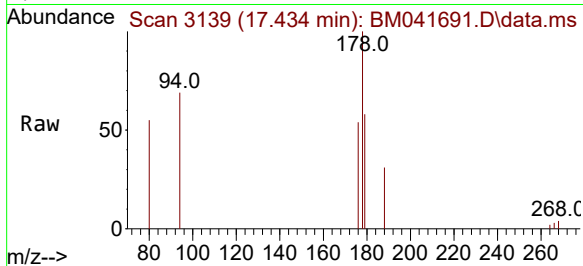




#15
Phenanthrene
Concen: 0.031 ng/ul
RT: 17.434 min Scan# 3139
Delta R.T. -0.008 min
Lab File: BM041691.D
Acq: 07 Sep 2023 12:36

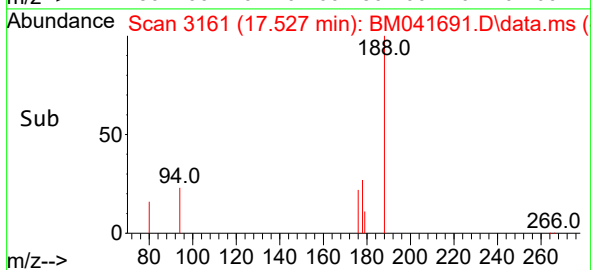
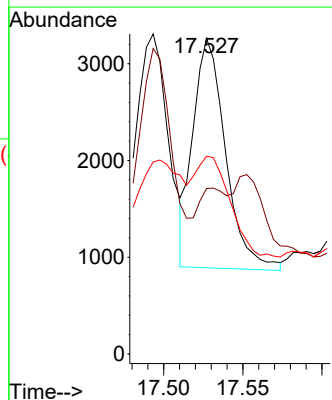
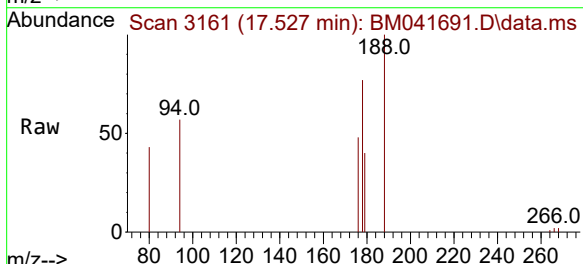
Instrument :
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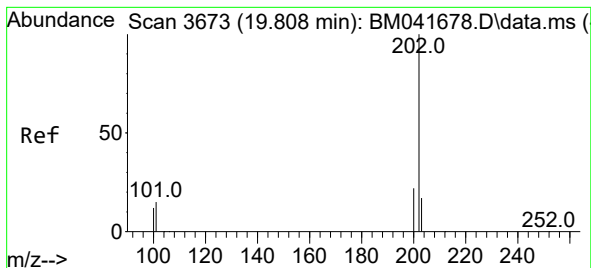
Tgt Ion:178 Resp: 2033
Ion Ratio Lower Upper
178 100
179 57.7 12.9 19.3#
176 54.4 16.9 25.3#



#16
Anthracene
Concen: 0.060 ng/ul
RT: 17.527 min Scan# 3161
Delta R.T. -0.008 min
Lab File: BM041691.D
Acq: 07 Sep 2023 12:36

Tgt Ion:178 Resp: 3398
Ion Ratio Lower Upper
178 100
179 52.4 12.9 19.3#
176 62.7 15.8 23.8#





#20

Pyrene

Concen: 0.039 ng/ul

RT: 19.785 min Scan# 3

Delta R.T. -0.032 min

Lab File: BM041691.D

Acq: 07 Sep 2023 12:36

Instrument :

BNA_M

ClientSampleId :

BBK27

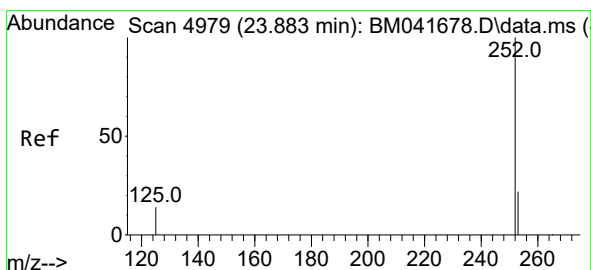
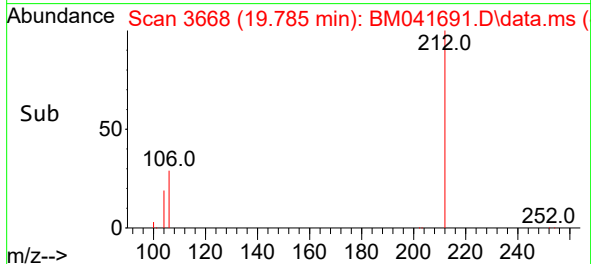
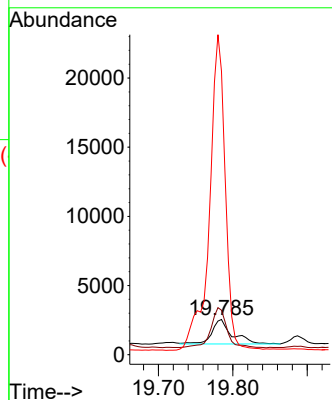
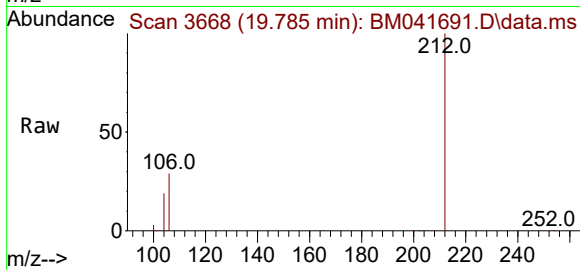
Tgt Ion:202 Resp: 3359

Ion Ratio Lower Upper

202 100

101 126.4 11.8 17.8#

100 806.6 9.8 14.6#



#26

Benzo(a)pyrene

Concen: 0.074 ng/ul

RT: 23.845 min Scan# 4966

Delta R.T. -0.053 min

Lab File: BM041691.D

Acq: 07 Sep 2023 12:36

Tgt Ion:252 Resp: 4868

Ion Ratio Lower Upper

252 100

253 51.4 22.4 33.6#

125 50.6 21.0 31.4#

