

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
 Data File : BM042189.D
 Acq On : 04 Oct 2023 15:33
 Operator : MA/JU
 Sample : 04480-11DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBK42DL

Quant Time: Oct 05 01:54:15 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)

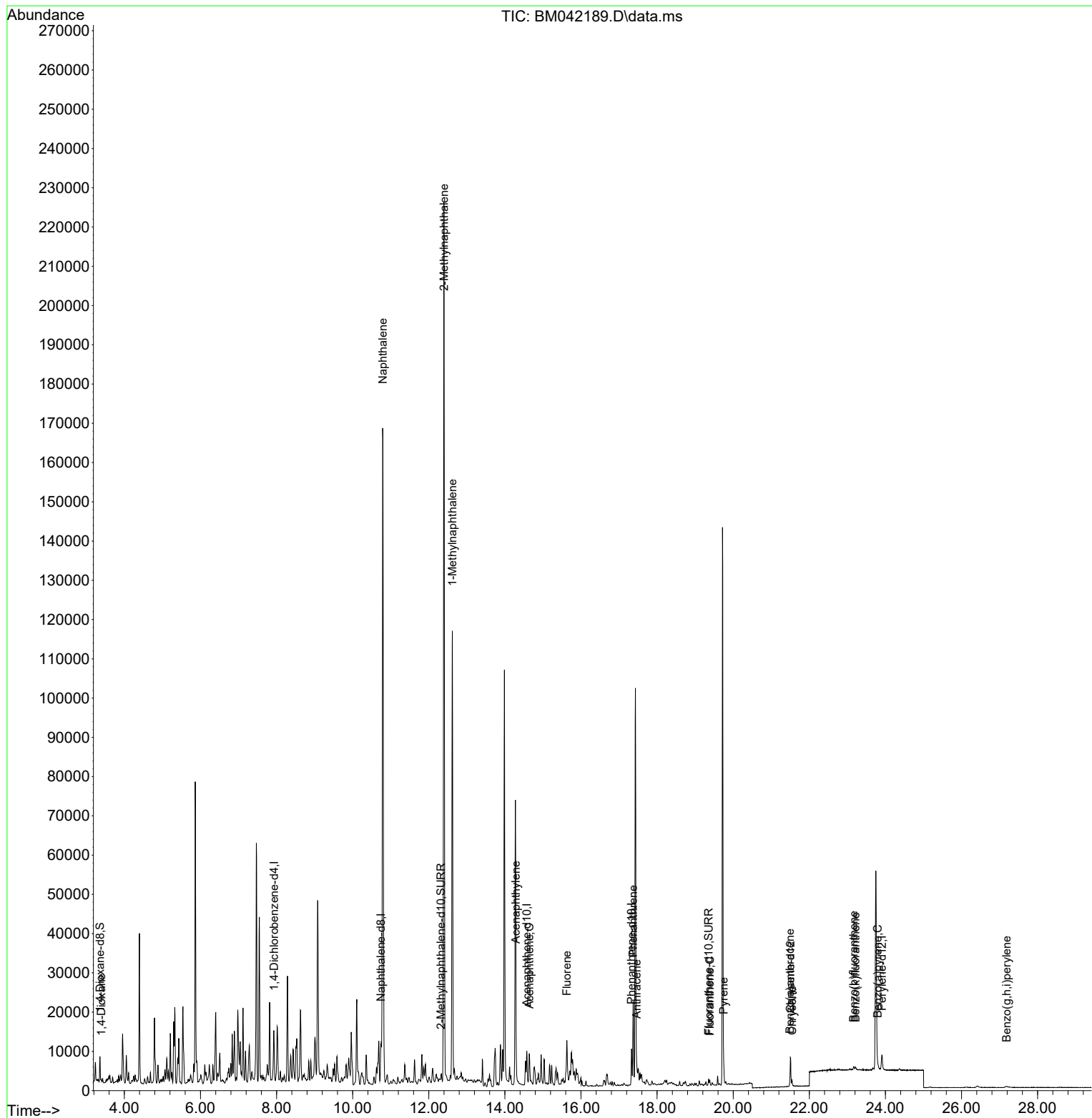
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	3665	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.741	136	9814	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.578	164	4958	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.329	188	9988	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.507	240	5567	0.400	ng/ul	0.00
23) Perylene-d12	23.909	264	5435	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	3460	0.709	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.324	152	600	0.045	ng/ul	-0.01
18) Fluoranthene-d10	19.352	212	1056	0.051	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.398	88	318	0.062	ng/ul#	31
5) Naphthalene	10.790	128	234003	7.147	ng/ul	98
7) 2-Methylnaphthalene	12.401	142	159160	8.119	ng/ul	98
8) 1-Methylnaphthalene	12.621	142	78467	3.974	ng/ul	99
10) Acenaphthylene	14.291	152	1515	0.048	ng/ul#	1
11) Acenaphthene	14.643	153	4668	0.197	ng/ul	90
12) Fluorene	15.628	166	7419	0.278	ng/ul#	95
15) Phenanthrene	17.371	178	23722	0.576	ng/ul	99
16) Anthracene	17.464	178	1680	0.045	ng/ul#	76
19) Fluoranthene	19.385	202	1254	0.030	ng/ul#	72
20) Pyrene	19.747	202	3641	0.081	ng/ul#	78
21) Benzo(a)anthracene	21.489	228	1245	0.035	ng/ul#	77
22) Chrysene	21.545	228	1525	0.044	ng/ul#	83
24) Benzo(b)fluoranthene	23.167	252	1233	0.038	ng/ul#	1
25) Benzo(k)fluoranthene	23.214	252	949	0.030	ng/ul#	1
26) Benzo(a)pyrene	23.798	252	563	0.020	ng/ul#	1
29) Benzo(g,h,i)perylene	27.186	276	743	0.023	ng/ul#	27

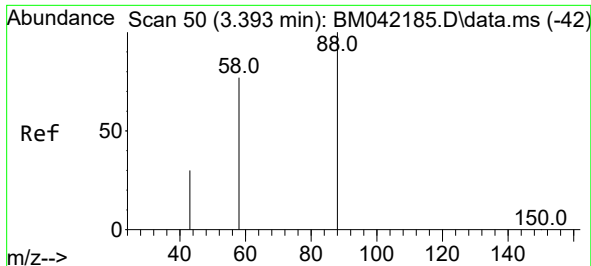
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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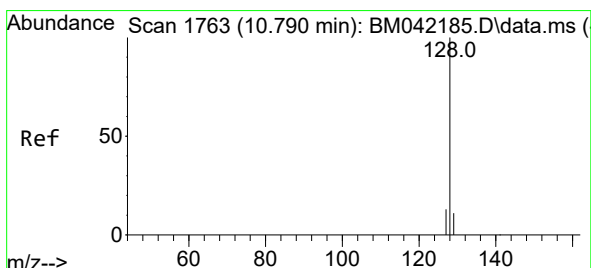
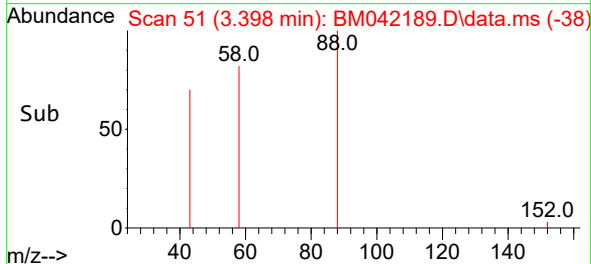
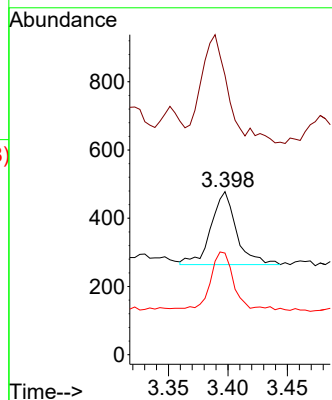
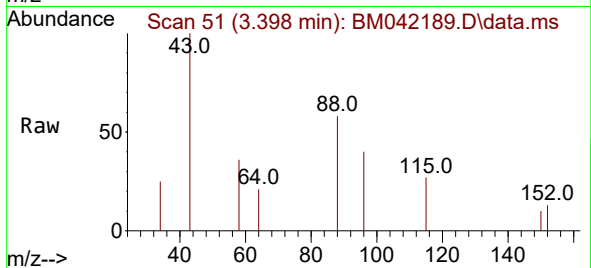




#2
1,4-Dioxane
Concen: 0.062 ng/ul
RT: 3.398 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM042189.D
Acq: 04 Oct 2023 15:33

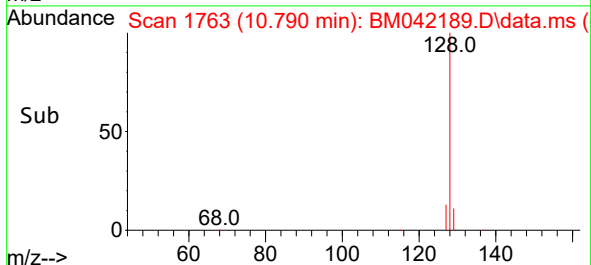
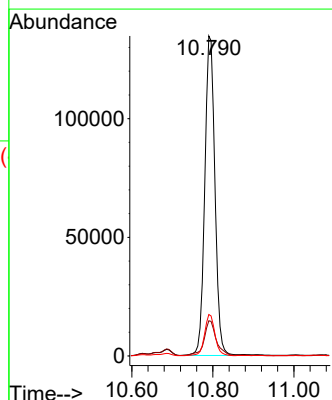
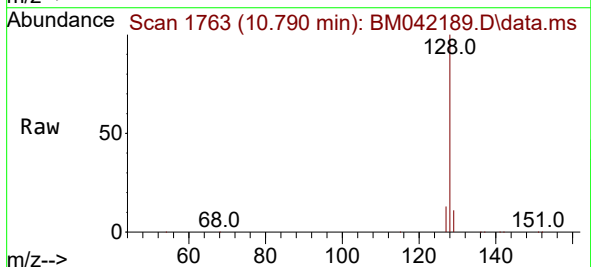
Instrument :
BNA_M
ClientSampleId :
BBK42DL

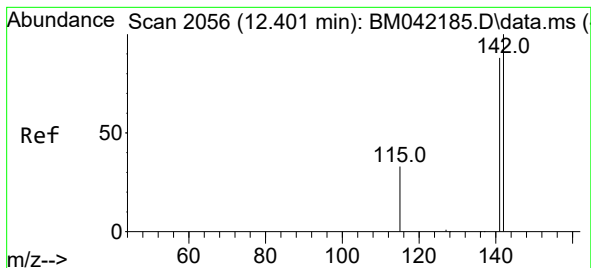
Tgt Ion: 88 Resp: 318
Ion Ratio Lower Upper
88 100
43 171.3 52.1 78.1#
58 62.3 53.8 80.6



#5
Naphthalene
Concen: 7.147 ng/ul
RT: 10.790 min Scan# 1763
Delta R.T. -0.011 min
Lab File: BM042189.D
Acq: 04 Oct 2023 15:33

Tgt Ion: 128 Resp: 234003
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.2
127 13.0 11.0 16.4

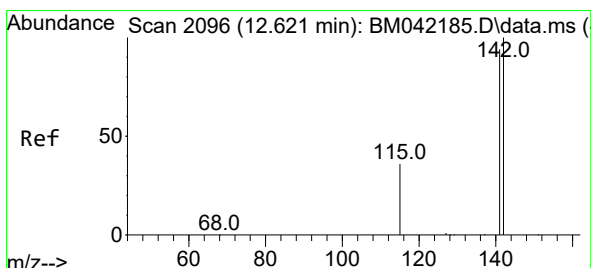
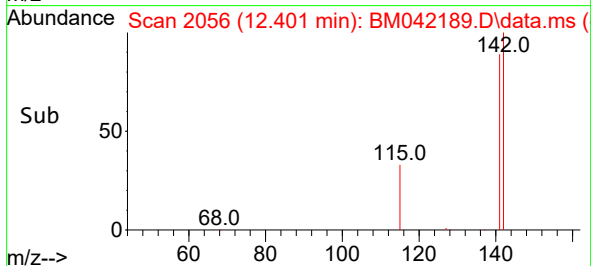
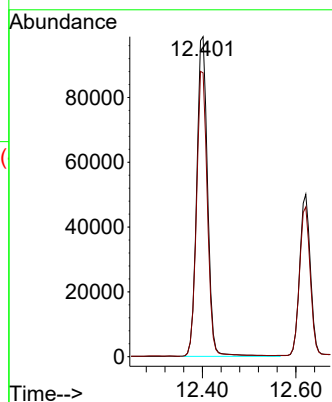
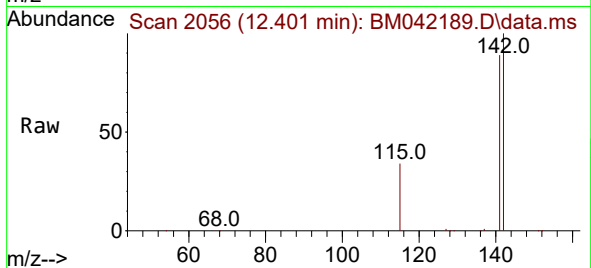




#7
2-Methylnaphthalene
Concen: 8.119 ng/ul
RT: 12.401 min Scan# 2056
Delta R.T. -0.005 min
Lab File: BM042189.D
Acq: 04 Oct 2023 15:33

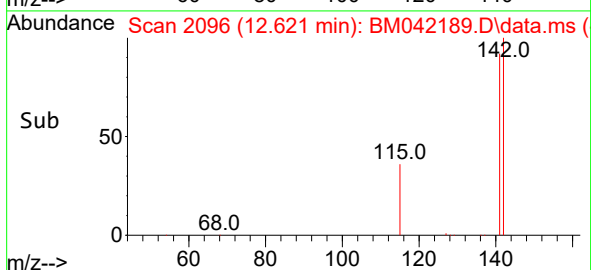
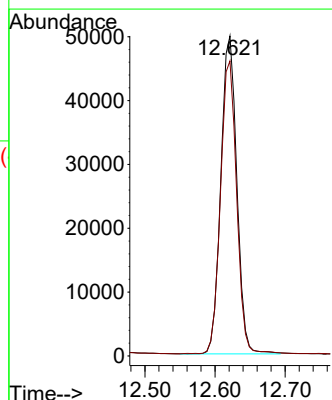
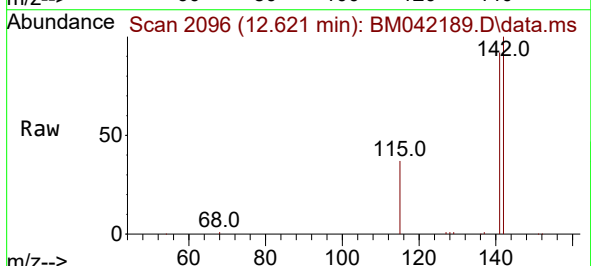
Instrument :
BNA_M
ClientSampleId :
BBK42DL

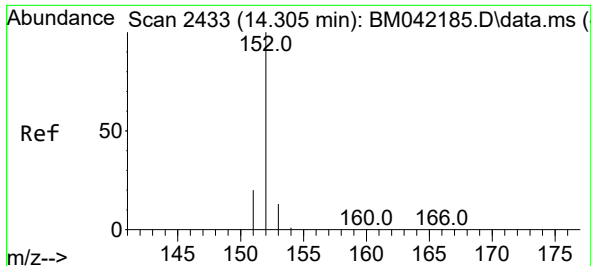
Tgt Ion:142 Resp: 159160
Ion Ratio Lower Upper
142 100
141 89.3 70.2 105.4



#8
1-Methylnaphthalene
Concen: 3.974 ng/ul
RT: 12.621 min Scan# 2096
Delta R.T. -0.005 min
Lab File: BM042189.D
Acq: 04 Oct 2023 15:33

Tgt Ion:142 Resp: 78467
Ion Ratio Lower Upper
142 100
141 93.1 73.5 110.3

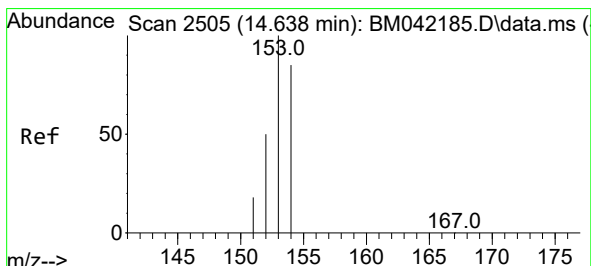
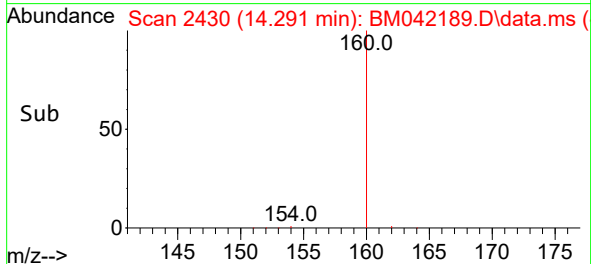
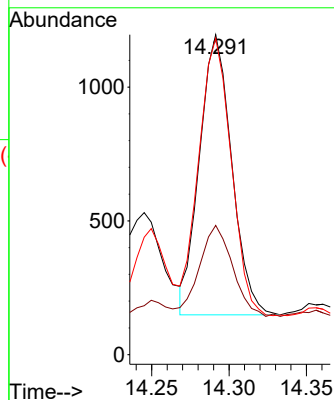
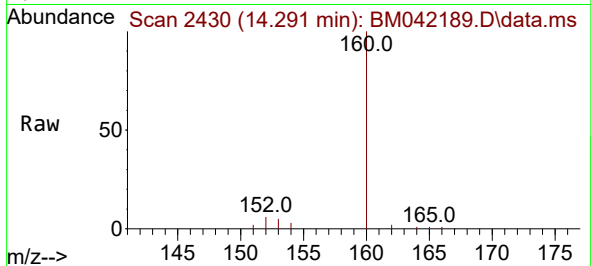




#10
Acenaphthylene
Concen: 0.048 ng/ul
RT: 14.291 min Scan# 2430
Delta R.T. -0.023 min
Lab File: BM042189.D
Acq: 04 Oct 2023 15:33

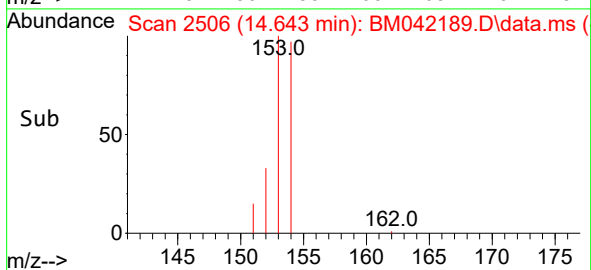
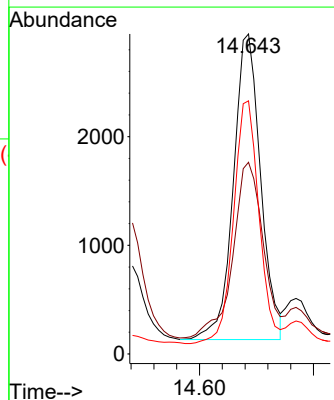
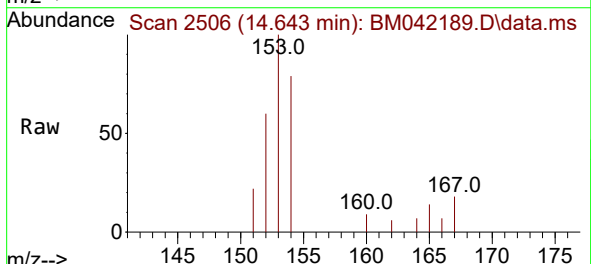
Instrument :
BNA_M
ClientSampleId :
BBK42DL

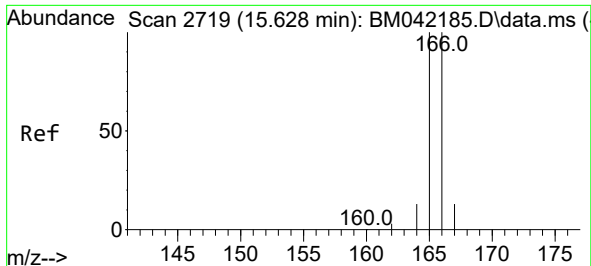
Tgt Ion:152 Resp: 1515
Ion Ratio Lower Upper
152 100
151 40.4 16.4 24.6#
153 98.9 10.9 16.3#



#11
Acenaphthene
Concen: 0.197 ng/ul
RT: 14.643 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BM042189.D
Acq: 04 Oct 2023 15:33

Tgt Ion:153 Resp: 4668
Ion Ratio Lower Upper
153 100
152 59.9 41.1 61.7
154 79.1 69.5 104.3

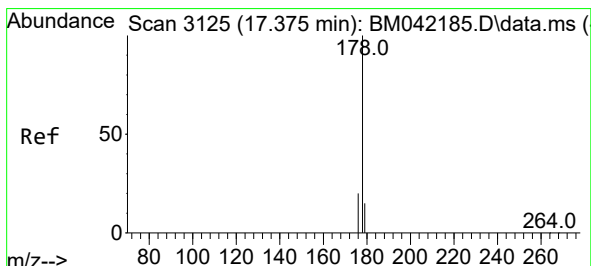
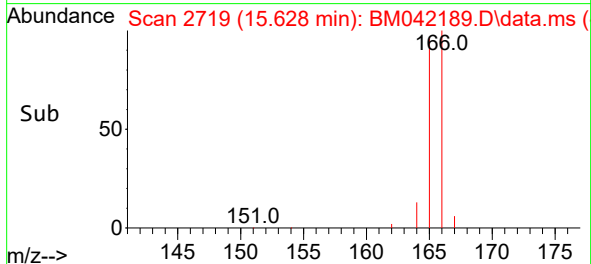
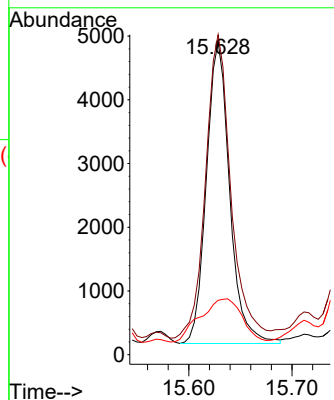
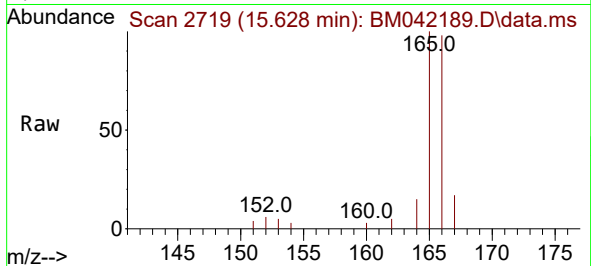




#12
Fluorene
Concen: 0.278 ng/ul
RT: 15.628 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM042189.D
Acq: 04 Oct 2023 15:33

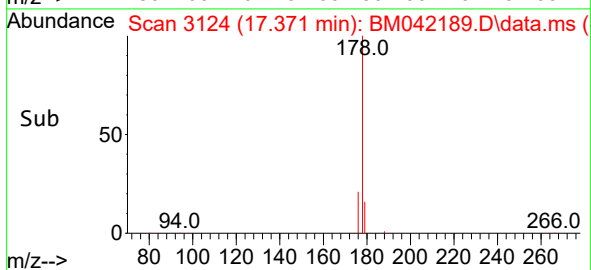
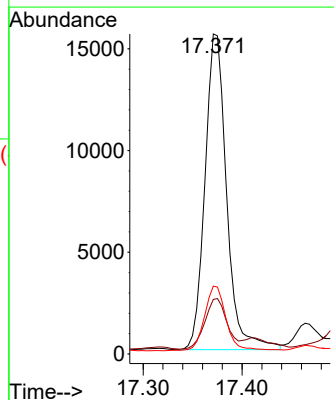
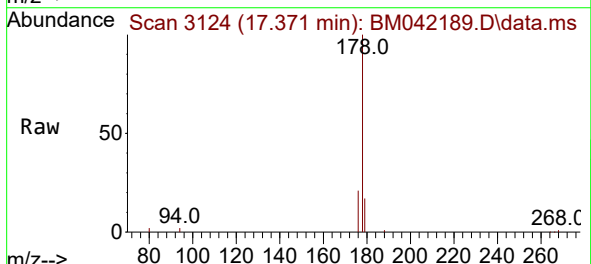
Instrument :
BNA_M
ClientSampleId :
BBK42DL

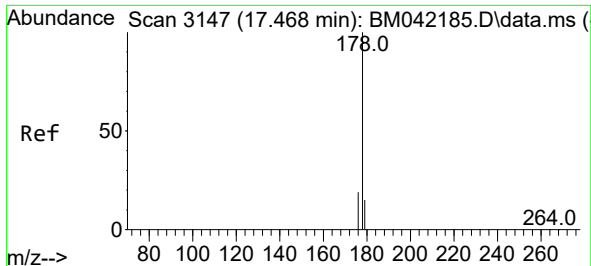
Tgt Ion:166 Resp: 7419
Ion Ratio Lower Upper
166 100
165 102.2 78.4 117.6
167 17.4 11.5 17.3#



#15
Phenanthrene
Concen: 0.576 ng/ul
RT: 17.371 min Scan# 3124
Delta R.T. -0.013 min
Lab File: BM042189.D
Acq: 04 Oct 2023 15:33

Tgt Ion:178 Resp: 23722
Ion Ratio Lower Upper
178 100
179 17.1 13.0 19.4
176 21.2 16.8 25.2

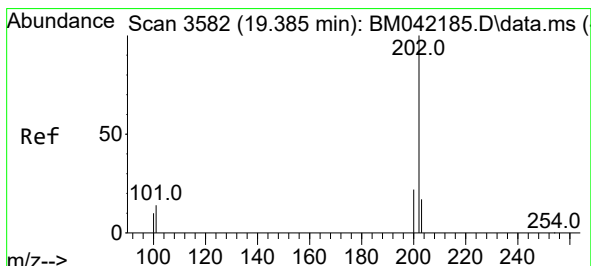
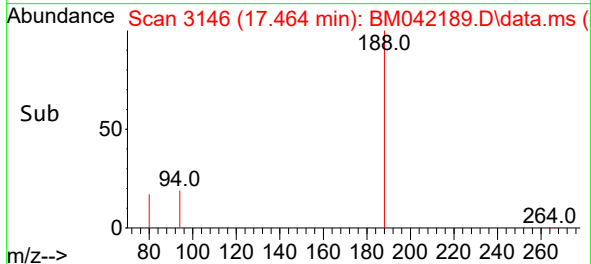
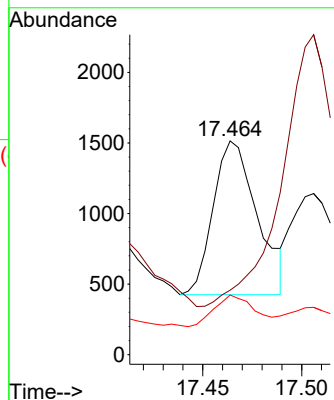
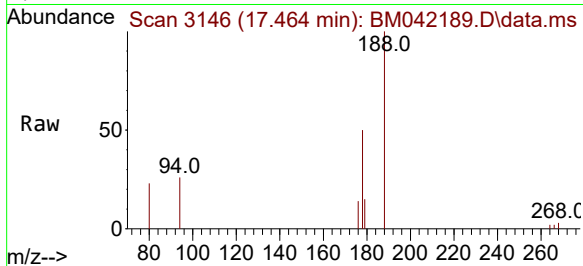




#16
 Anthracene
 Concen: 0.045 ng/ul
 RT: 17.464 min Scan# 3146
 Delta R.T. -0.013 min
 Lab File: BM042189.D
 Acq: 04 Oct 2023 15:33

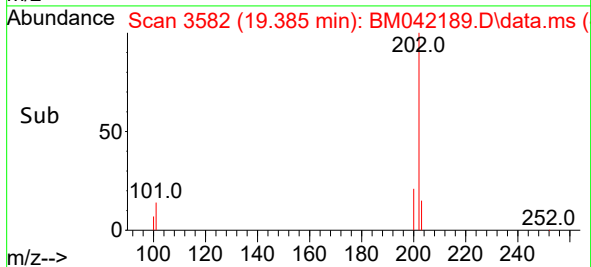
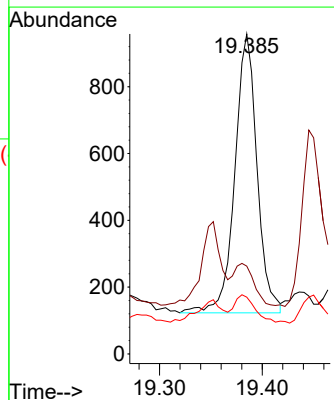
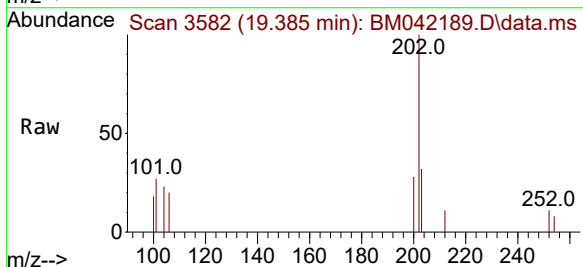
Instrument :
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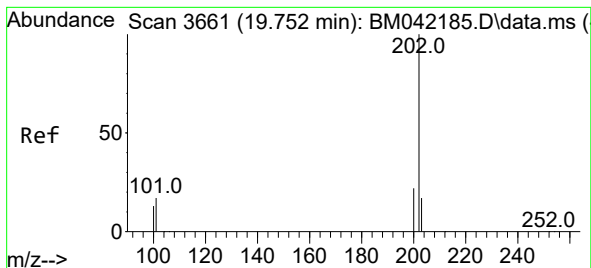
Tgt Ion:178 Resp: 1680
 Ion Ratio Lower Upper
 178 100
 179 30.2 12.9 19.3#
 176 27.9 16.3 24.5#



#19
 Fluoranthene
 Concen: 0.030 ng/ul
 RT: 19.385 min Scan# 3582
 Delta R.T. -0.009 min
 Lab File: BM042189.D
 Acq: 04 Oct 2023 15:33

Tgt Ion:202 Resp: 1254
 Ion Ratio Lower Upper
 202 100
 101 27.5 11.1 16.7#
 100 17.7 8.2 12.2#





#20

Pyrene

Concen: 0.081 ng/ul

RT: 19.747 min Scan# 3

Delta R.T. -0.014 min

Lab File: BM042189.D

Acq: 04 Oct 2023 15:33

Instrument :

BNA_M

ClientSampleId :

BBK42DL

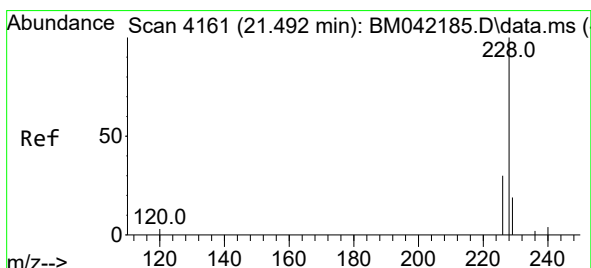
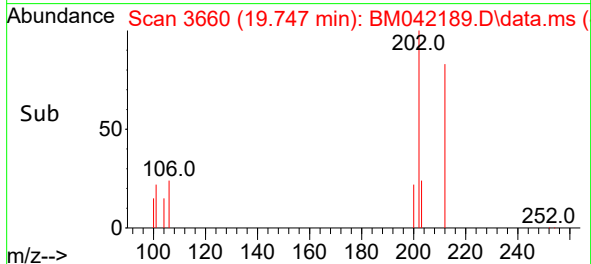
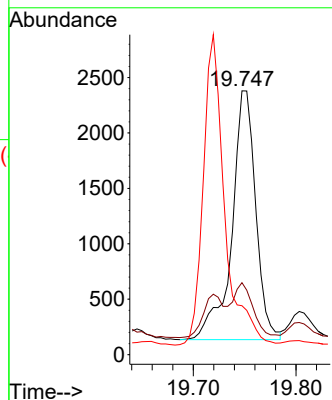
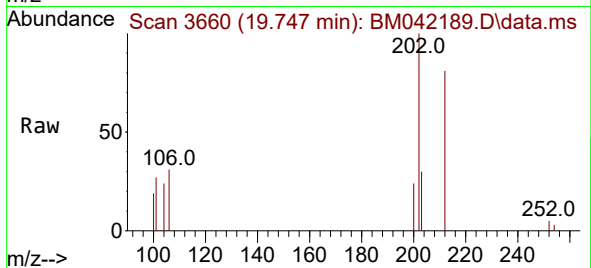
Tgt Ion:202 Resp: 3641

Ion Ratio Lower Upper

202 100

101 27.3 12.7 19.1#

100 18.6 9.9 14.9#



#21

Benzo(a)anthracene

Concen: 0.035 ng/ul

RT: 21.489 min Scan# 4160

Delta R.T. -0.009 min

Lab File: BM042189.D

Acq: 04 Oct 2023 15:33

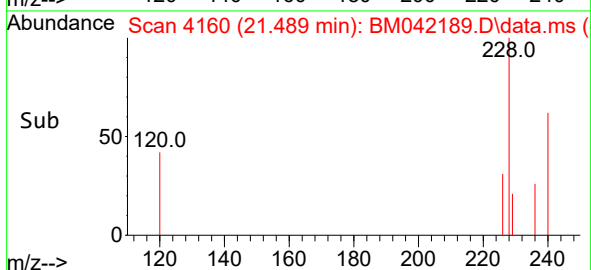
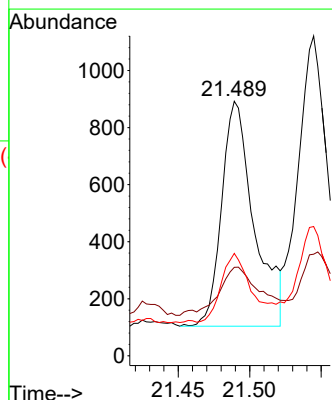
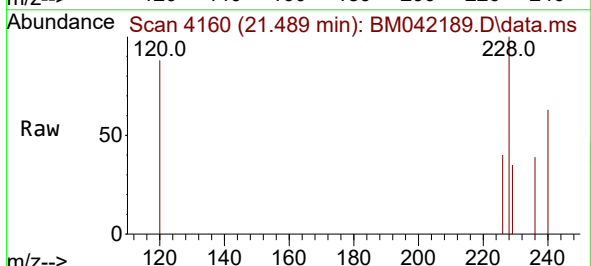
Tgt Ion:228 Resp: 1245

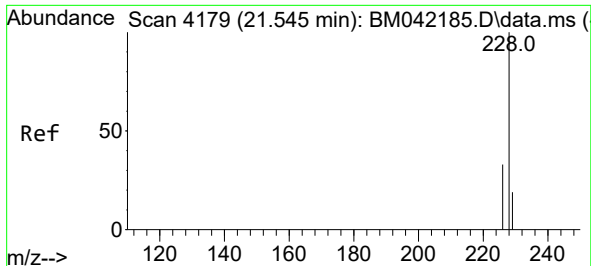
Ion Ratio Lower Upper

228 100

229 34.8 15.8 23.8#

226 40.2 24.6 37.0#





#22

Chrysene

Concen: 0.044 ng/ul

RT: 21.545 min Scan# 4179

Delta R.T. -0.009 min

Lab File: BM042189.D

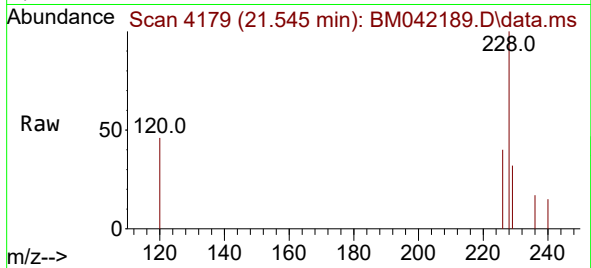
Acq: 04 Oct 2023 15:33

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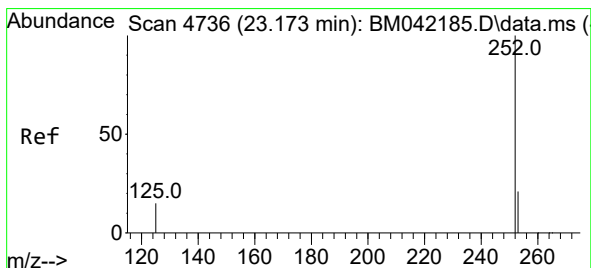
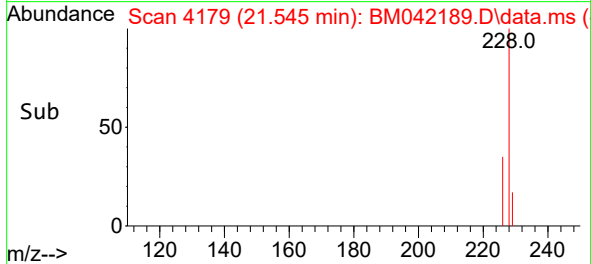
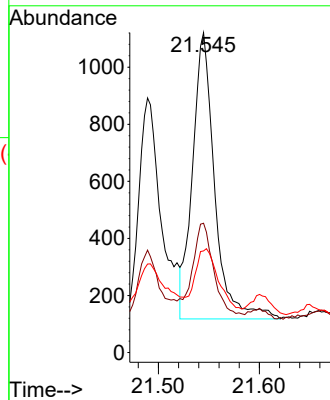
Tgt Ion:228 Resp: 1525

Ion Ratio Lower Upper

228 100

226 40.4 26.7 40.1#

229 31.8 15.8 23.8#



#24

Benzo(b)fluoranthene

Concen: 0.038 ng/ul

RT: 23.167 min Scan# 4734

Delta R.T. -0.012 min

Lab File: BM042189.D

Acq: 04 Oct 2023 15:33

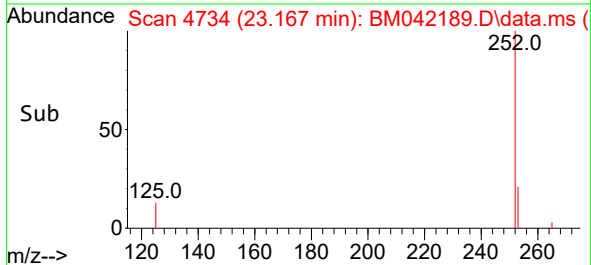
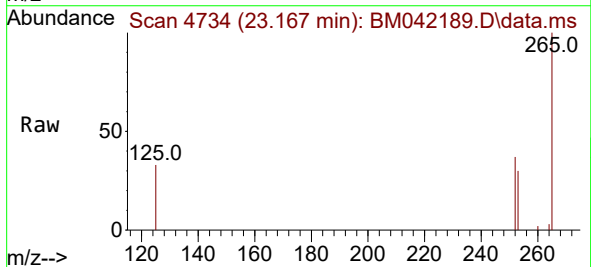
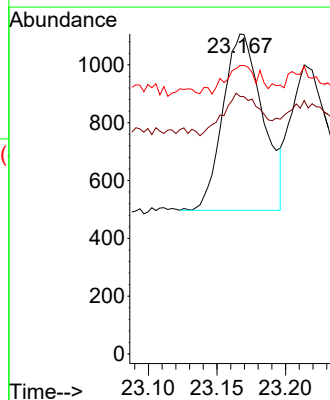
Tgt Ion:252 Resp: 1233

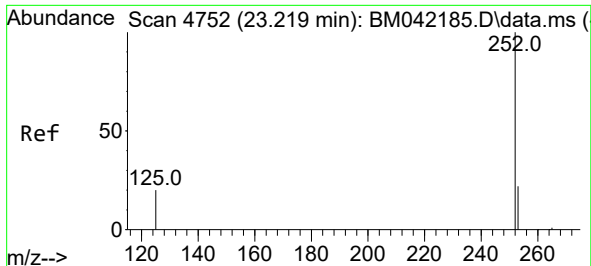
Ion Ratio Lower Upper

252 100

253 80.5 0.0 59.0#

125 90.2 0.0 49.6#

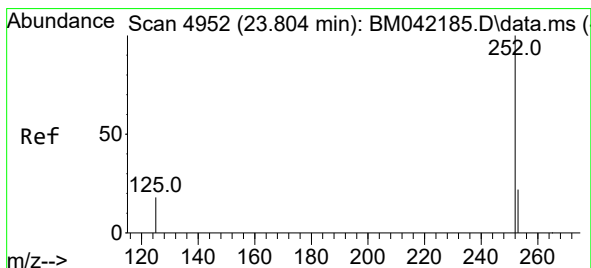
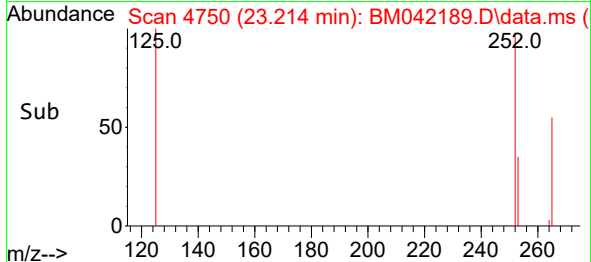
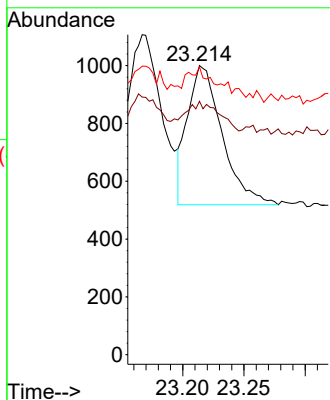
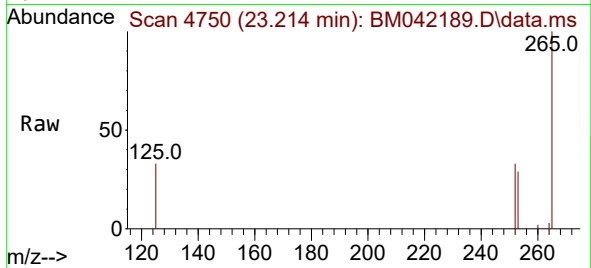




#25
Benzo(k)fluoranthene
Concen: 0.030 ng/ul
RT: 23.214 min Scan# 41
Delta R.T. -0.015 min
Lab File: BM042189.D
Acq: 04 Oct 2023 15:33

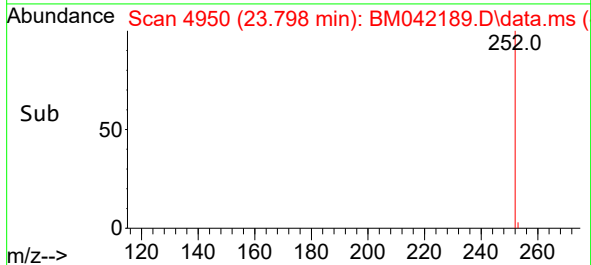
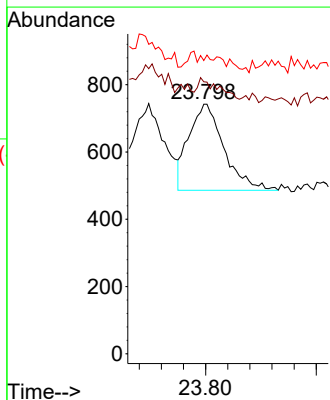
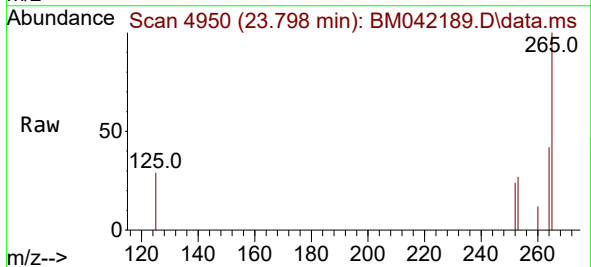
Instrument :
BNA_M
ClientSampleId :
BBK42DL

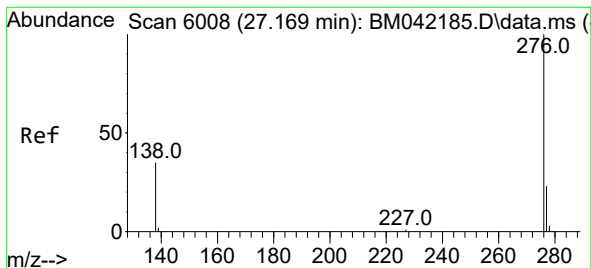
Tgt Ion:252 Resp: 949
Ion Ratio Lower Upper
252 100
253 87.7 23.4 35.0#
125 99.6 19.9 29.9#



#26
Benzo(a)pyrene
Concen: 0.020 ng/ul
RT: 23.798 min Scan# 4950
Delta R.T. -0.018 min
Lab File: BM042189.D
Acq: 04 Oct 2023 15:33

Tgt Ion:252 Resp: 563
Ion Ratio Lower Upper
252 100
253 109.0 25.3 37.9#
125 117.5 23.2 34.8#





#29

Benzo(g,h,i)perylene

Concen: 0.023 ng/ul

RT: 27.186 min Scan# 60

Delta R.T. -0.010 min

Lab File: BM042189.D

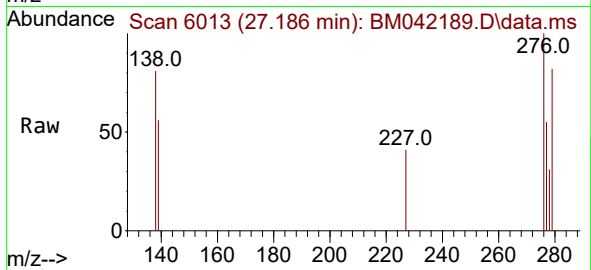
Acq: 04 Oct 2023 15:33

Instrument :

BNA_M

ClientSampleId :

BBK42DL



Tgt Ion:276 Resp: 743

Ion Ratio Lower Upper

276 100

138 81.2 26.8 40.2#

277 54.7 20.1 30.1#

