

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
 Data File : BM043067.D
 Acq On : 28 Nov 2023 02:04
 Operator : MA/JU
 Sample : 05416-24
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 11/29/2023

Quant Time: Nov 28 05:24:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	996m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.605	136	2953	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.450	164	1819m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.208	188	3792	0.400	ng/ul	-0.03
17) Chrysene-d12	21.409	240	2198	0.400	ng/ul	-0.01
23) Perylene-d12	23.756	264	1591m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	1973	1.291	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.222	152	408	0.103	ng/ul	-0.03
18) Fluoranthene-d10	19.243	212	1108	0.138	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.660	128	1140	0.142	ng/ul	98
7) 2-Methylnaphthalene	12.294	142	1046	0.221	ng/ul	99
8) 1-Methylnaphthalene	12.508	142	728	0.138	ng/ul	97
15) Phenanthrene	17.250	178	2603	0.241	ng/ul	98
19) Fluoranthene	19.270	202	1367	0.110	ng/ul#	91
20) Pyrene	19.633	202	1346m	0.102	ng/ul	
21) Benzo(a)anthracene	21.400	228	545	0.076	ng/ul#	74
22) Chrysene	21.450	228	525	0.040	ng/ul#	73
24) Benzo(b)fluoranthene	23.034	252	551	0.103	ng/ul#	26

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

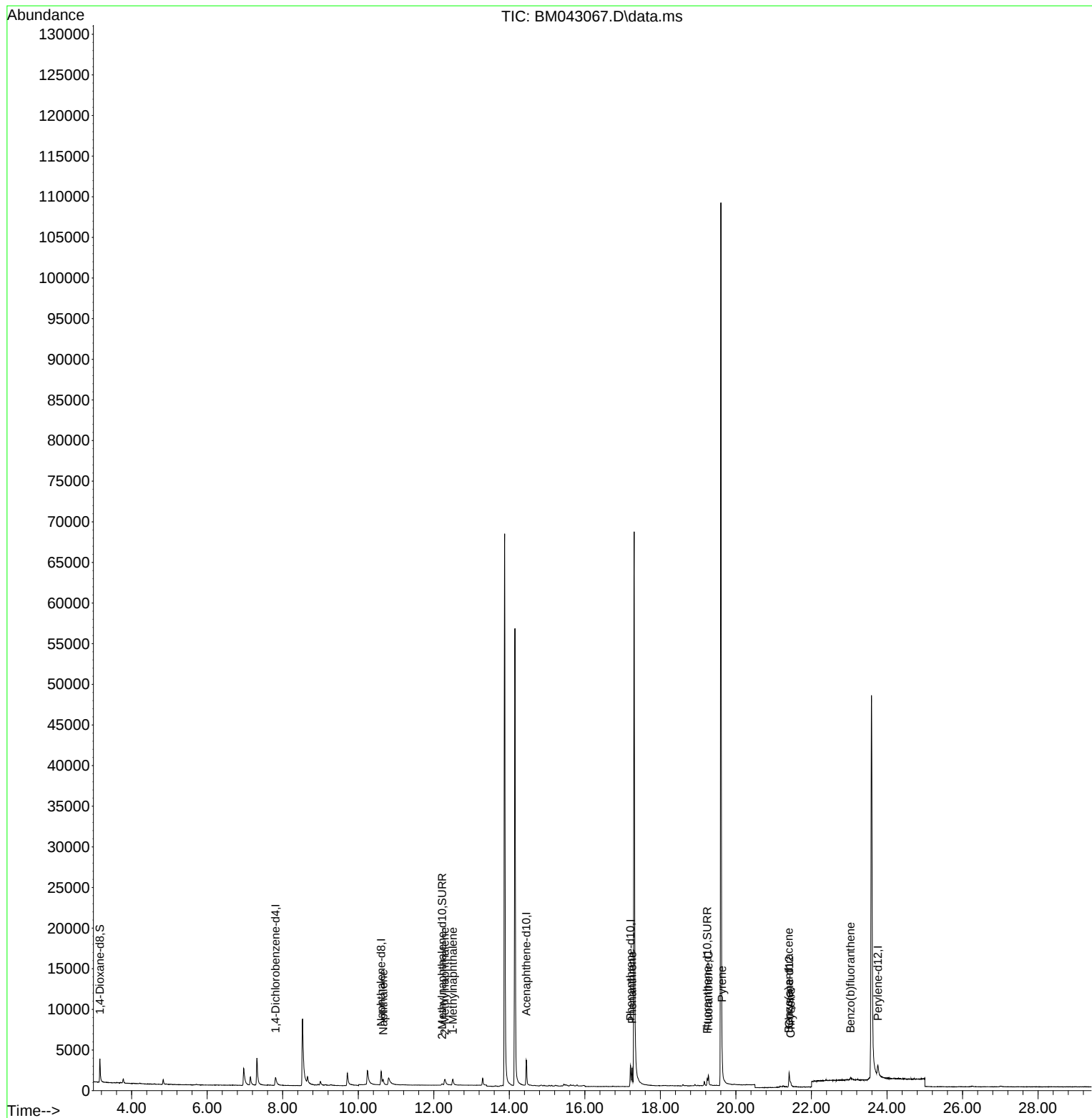
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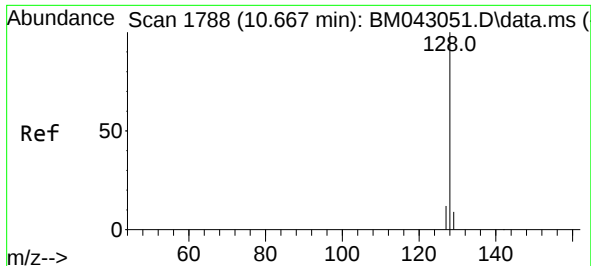
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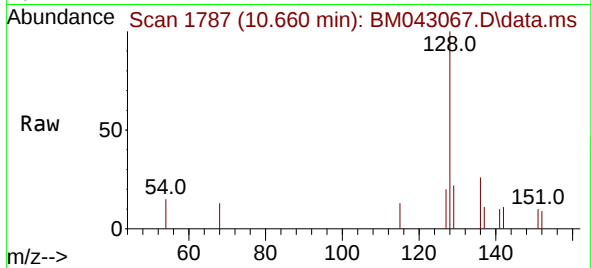
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
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#5
Naphthalene
Concen: 0.142 ng/ul
RT: 10.660 min Scan# 1788
Delta R.T. -0.038 min
Lab File: BM043067.D
Acq: 28 Nov 2023 02:04

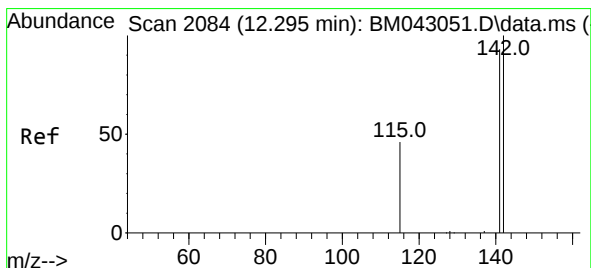
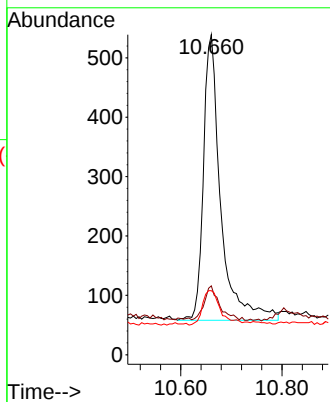
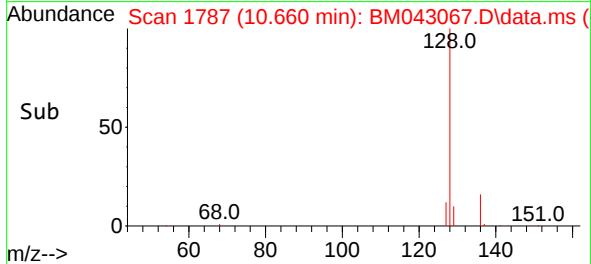
Instrument :
BNA_M
ClientSampleId :
C0AH7



Tgt Ion:128 Resp: 1140
Ion Ratio Lower Upper
128 100
129 21.5 16.0 24.0
127 20.0 16.5 24.7

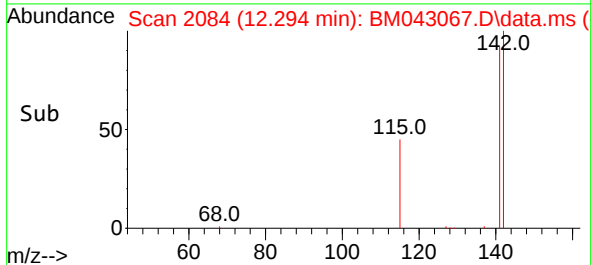
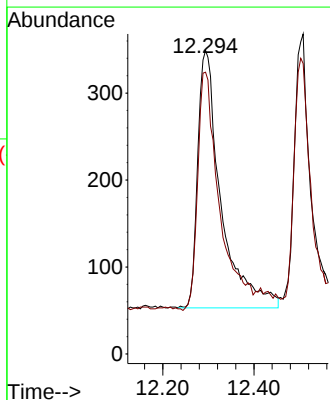
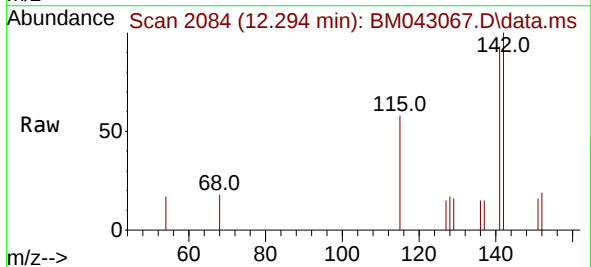
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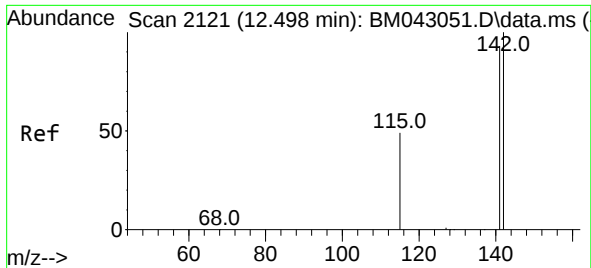
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#7
2-Methylnaphthalene
Concen: 0.221 ng/ul
RT: 12.294 min Scan# 2084
Delta R.T. -0.038 min
Lab File: BM043067.D
Acq: 28 Nov 2023 02:04

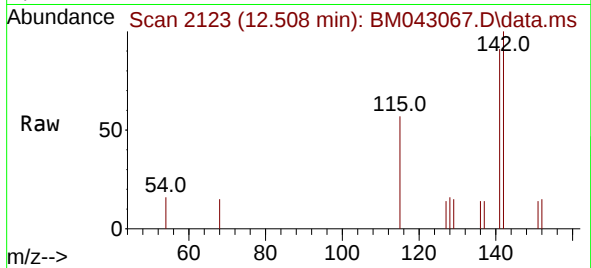
Tgt Ion:142 Resp: 1046
Ion Ratio Lower Upper
142 100
141 93.8 76.1 114.1





#8
1-Methylnaphthalene
Concen: 0.138 ng/ul
RT: 12.508 min Scan# 2123
Delta R.T. -0.011 min
Lab File: BM043067.D
Acq: 28 Nov 2023 02:04

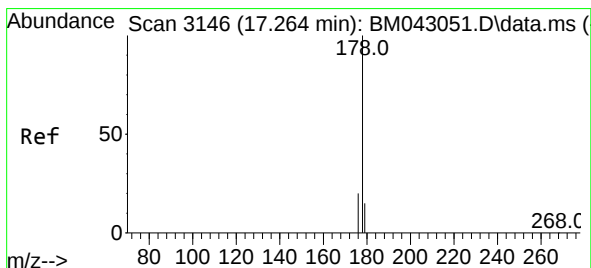
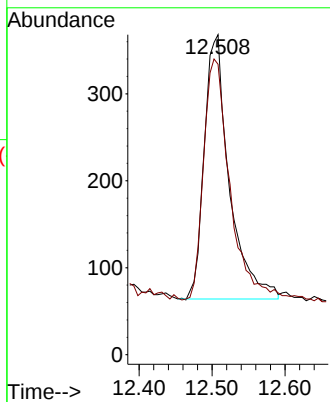
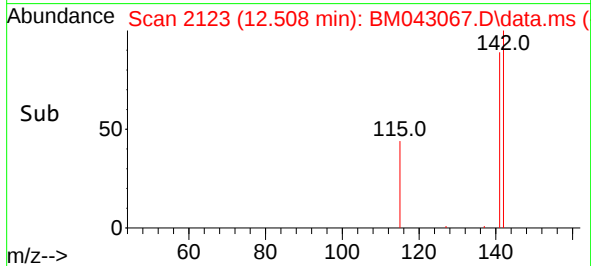
Instrument :
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ClientSampleId :
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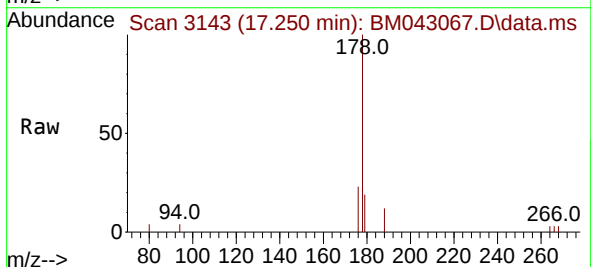
Tgt Ion:142 Resp: 728
Ion Ratio Lower Upper
142 100
141 95.6 73.8 110.8

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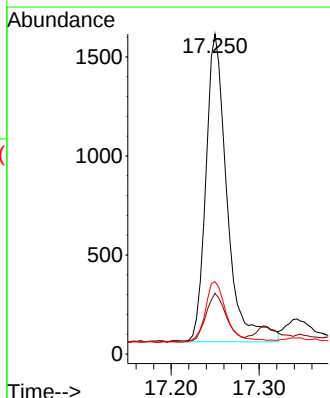
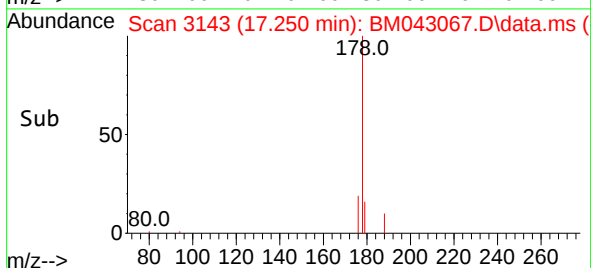
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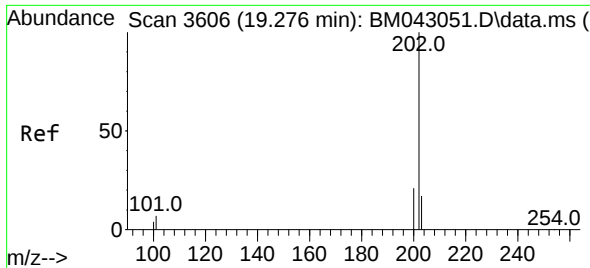


#15
Phenanthrene
Concen: 0.241 ng/ul
RT: 17.250 min Scan# 3143
Delta R.T. -0.029 min
Lab File: BM043067.D
Acq: 28 Nov 2023 02:04



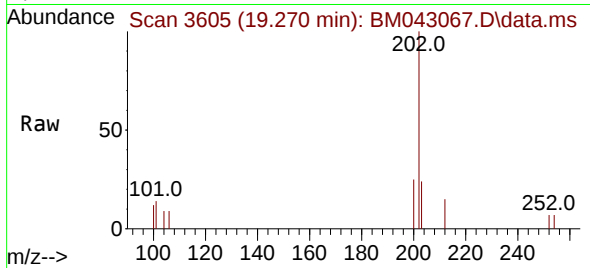
Tgt Ion:178 Resp: 2603
Ion Ratio Lower Upper
178 100
179 19.0 15.7 23.5
176 22.6 18.9 28.3





#19
Fluoranthene
Concen: 0.110 ng/ul
RT: 19.270 min Scan# 3606
Delta R.T. -0.023 min
Lab File: BM043067.D
Acq: 28 Nov 2023 02:04

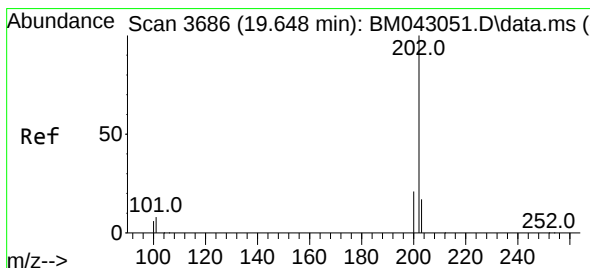
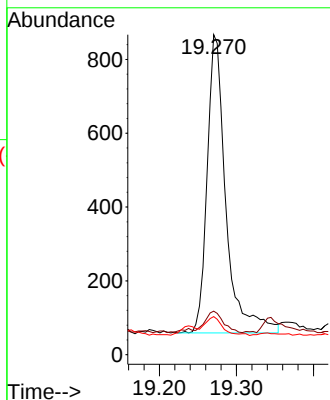
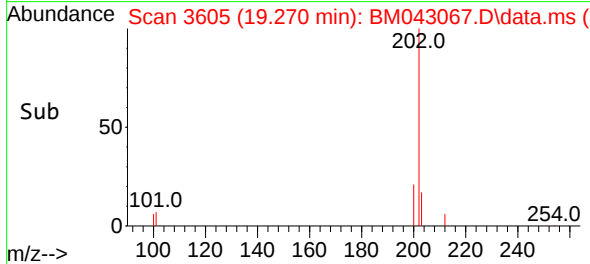
Instrument :
BNA_M
ClientSampleId :
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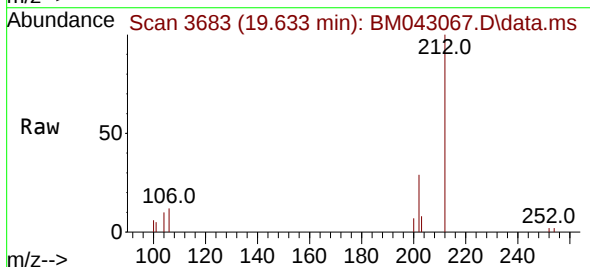
Tgt Ion:202 Resp: 1365
Ion Ratio Lower Upper
202 100
101 13.6 7.8 11.8#
100 11.9 7.1 10.7#

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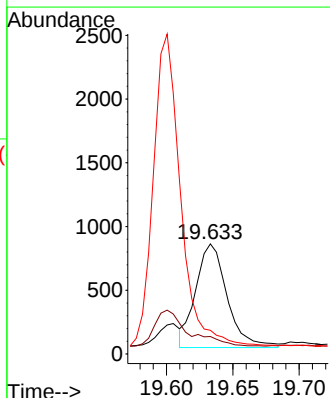
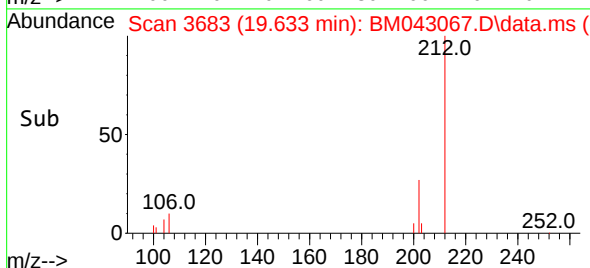
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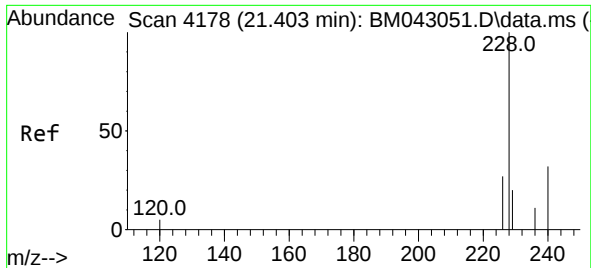


#20
Pyrene
Concen: 0.102 ng/ul m
RT: 19.633 min Scan# 3683
Delta R.T. -0.028 min
Lab File: BM043067.D
Acq: 28 Nov 2023 02:04



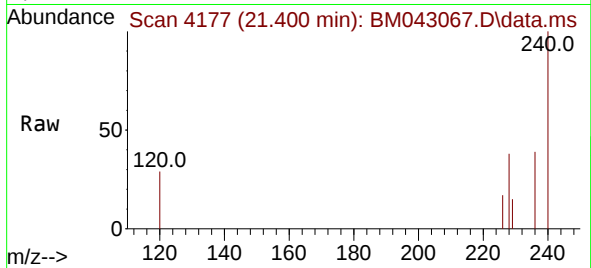
Tgt Ion:202 Resp: 1346
Ion Ratio Lower Upper
202 100
101 15.9 8.7 13.1#
100 21.5 7.8 11.8#





#21
Benzo(a)anthracene
Concen: 0.076 ng/u1
RT: 21.400 min Scan# 4177
Delta R.T. -0.011 min
Lab File: BM043067.D
Acq: 28 Nov 2023 02:04

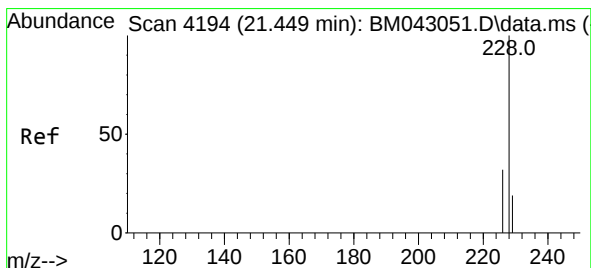
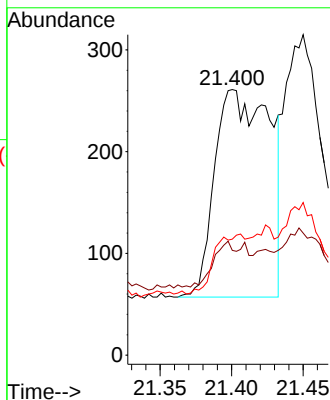
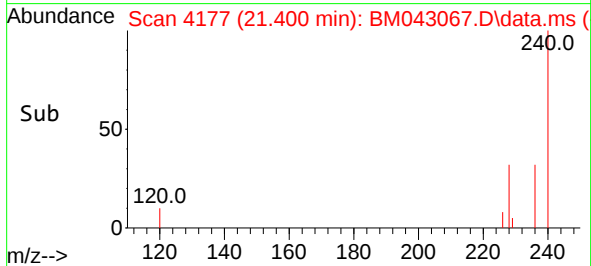
Instrument :
BNA_M
ClientSampleId :
C0AH7



Tgt Ion:228 Resp: 549
Ion Ratio Lower Upper
228 100
229 39.5 19.4 29.0#
226 43.7 24.9 37.3#

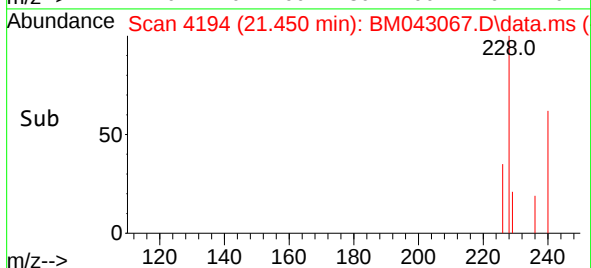
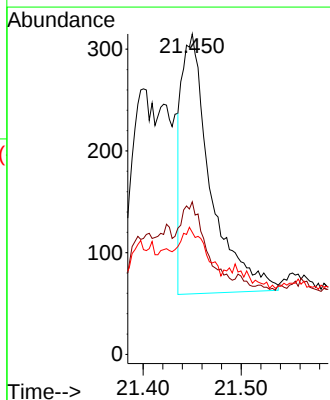
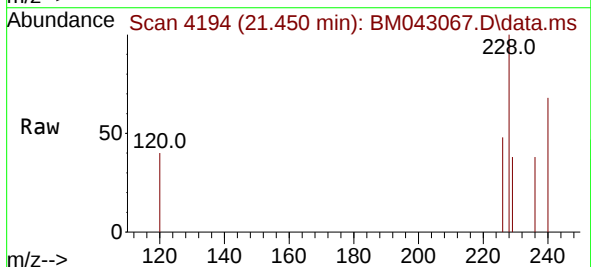
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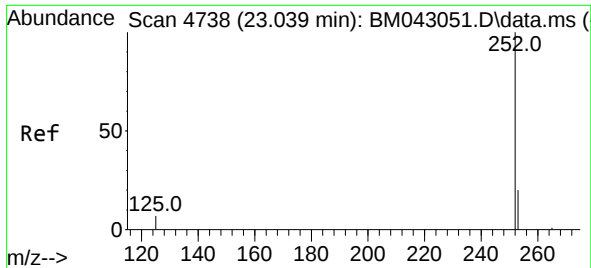
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#22
Chrysene
Concen: 0.040 ng/u1
RT: 21.450 min Scan# 4194
Delta R.T. -0.009 min
Lab File: BM043067.D
Acq: 28 Nov 2023 02:04

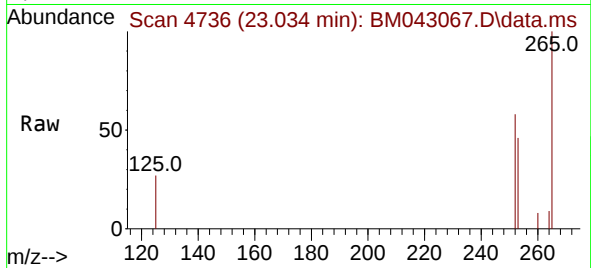
Tgt Ion:228 Resp: 525
Ion Ratio Lower Upper
228 100
226 47.6 27.2 40.8#
229 38.1 18.0 27.0#





#24
Benzo(b)fluoranthene
Concen: 0.103 ng/ul
RT: 23.034 min Scan# 41
Delta R.T. -0.017 min
Lab File: BM043067.D
Acq: 28 Nov 2023 02:04

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:252 Resp: 55
Ion Ratio Lower Upper
252 100
253 78.8 0.0 71.8
125 46.1 0.0 29.0

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