

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043088.D
 Acq On : 30 Nov 2023 17:03
 Operator : MA/JU
 Sample : 05497-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 01 00:43:37 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 : Fri Dec 01 00:42:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	885	0.400	ng/ul	#-0.05
4) Naphthalene-d8	10.611	136	2259	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.455	164	1230	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.208	188	2529m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.412	240	1900m	0.400	ng/ul	0.00
23) Perylene-d12	23.750	264	2107m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	3218	2.370	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.233	152	725	0.240	ng/ul	0.00
18) Fluoranthene-d10	19.243	212	1641	0.237	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.660	128	747	0.122	ng/ul#	91
7) 2-Methylnaphthalene	12.310	142	569	0.157	ng/ul	99
8) 1-Methylnaphthalene	12.514	142	542	0.134	ng/ul	98
15) Phenanthrene	17.250	178	1065m	0.148	ng/ul	
19) Fluoranthene	19.270	202	361	0.034	ng/ul#	44
21) Benzo(a)anthracene	21.403	228	296	0.048	ng/ul#	55
22) Chrysene	21.447	228	346	0.030	ng/ul#	69

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

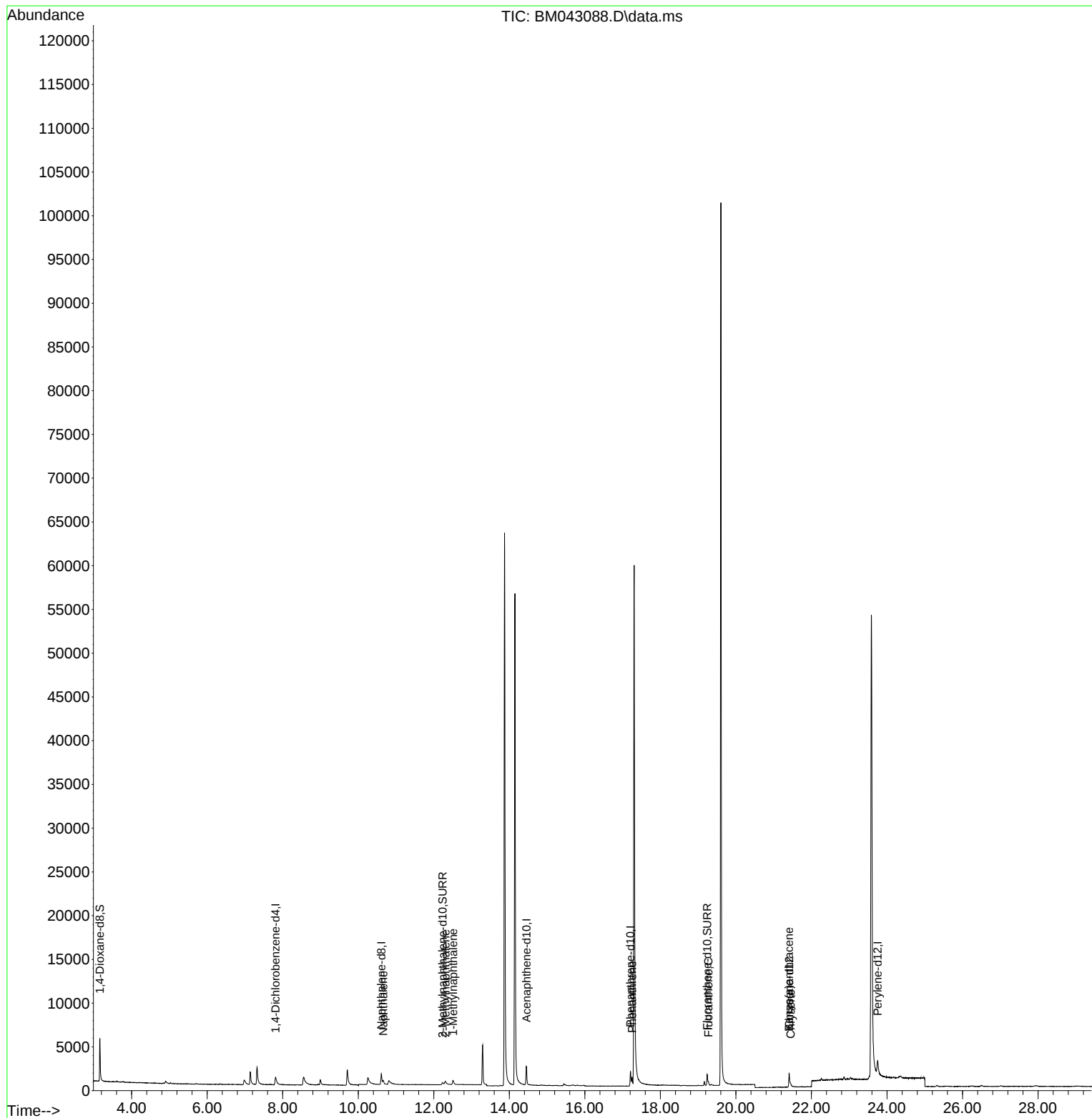
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
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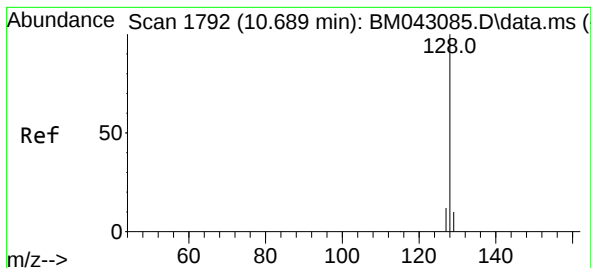
Instrument :
BNA_M
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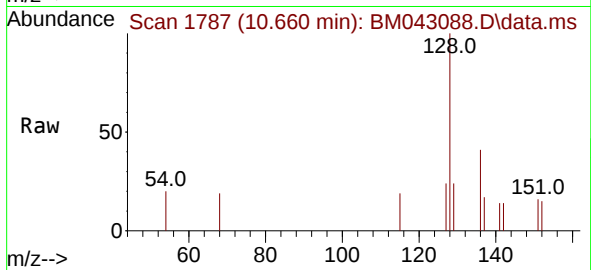
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023





#5
Naphthalene
Concen: 0.122 ng/ul
RT: 10.660 min Scan# 1792
Delta R.T. -0.029 min
Lab File: BM043088.D
Acq: 30 Nov 2023 17:03

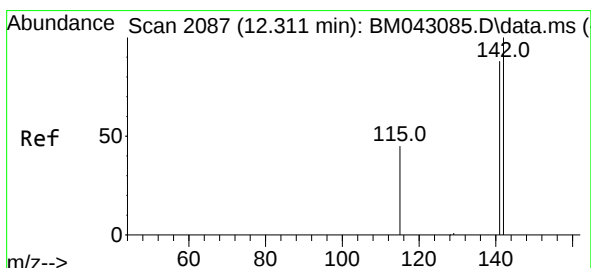
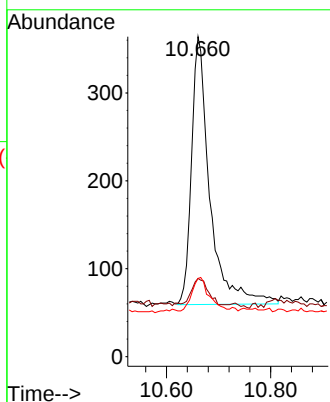
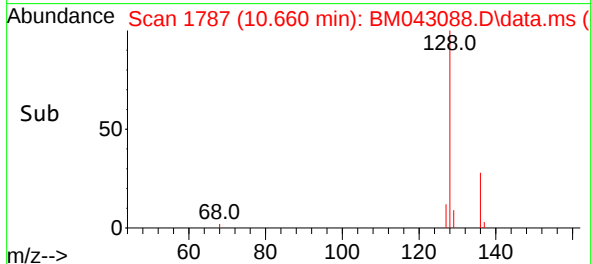
Instrument :
BNA_M
ClientSampleId :
C0AB0



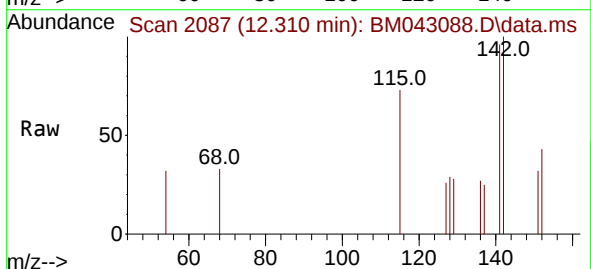
Tgt Ion:128 Resp: 74
Ion Ratio Lower Upper
128 100
129 24.5 16.0 24.0
127 24.5 16.5 24.7

Manual Integrations
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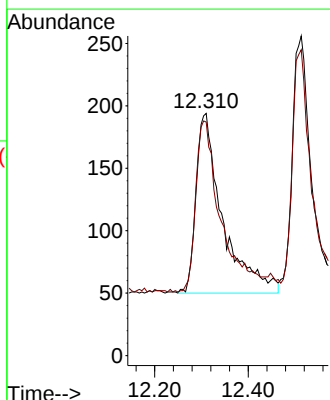
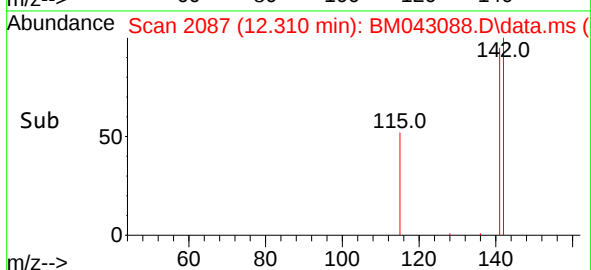
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023

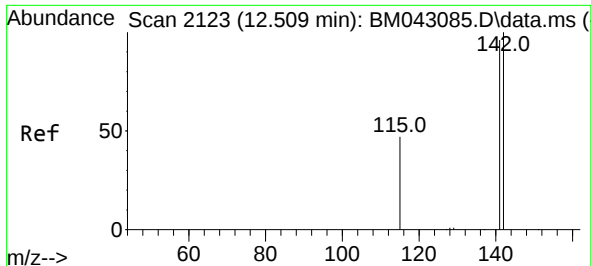


#7
2-Methylnaphthalene
Concen: 0.157 ng/ul
RT: 12.310 min Scan# 2087
Delta R.T. -0.001 min
Lab File: BM043088.D
Acq: 30 Nov 2023 17:03



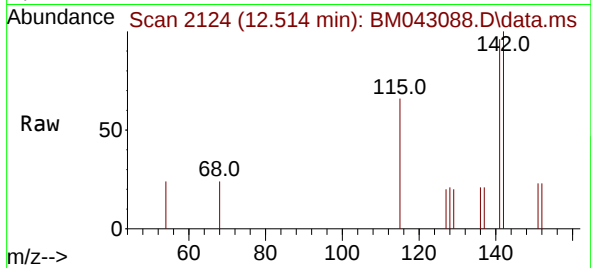
Tgt Ion:142 Resp: 569
Ion Ratio Lower Upper
142 100
141 93.8 76.1 114.1





#8
1-Methylnaphthalene
Concen: 0.134 ng/ul
RT: 12.514 min Scan# 2123
Delta R.T. 0.004 min
Lab File: BM043088.D
Acq: 30 Nov 2023 17:03

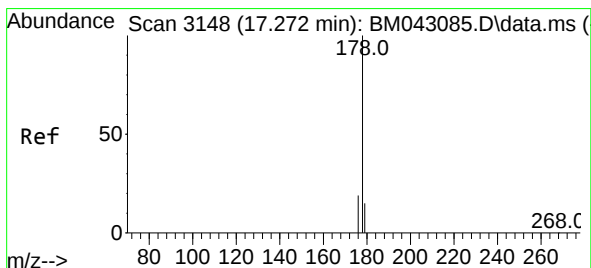
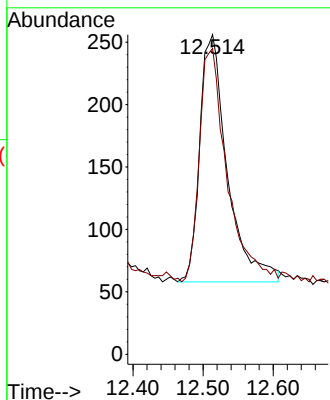
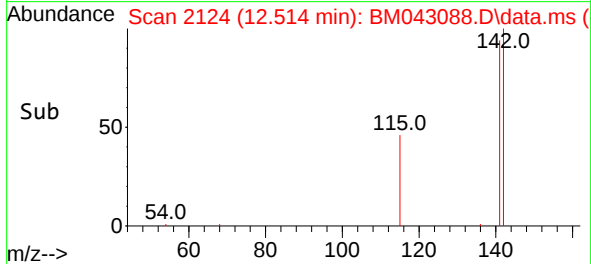
Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 542
Ion Ratio Lower Upper
142 100
141 94.6 73.8 110.8

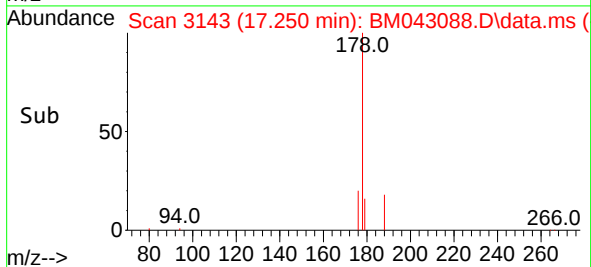
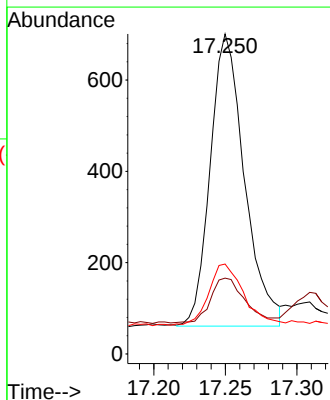
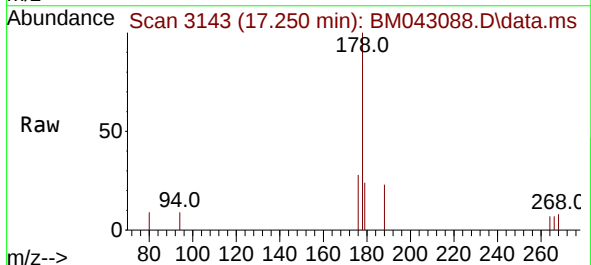
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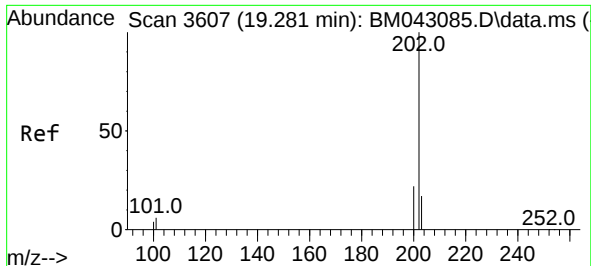
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023



#15
Phenanthrene
Concen: 0.148 ng/ul m
RT: 17.250 min Scan# 3143
Delta R.T. -0.022 min
Lab File: BM043088.D
Acq: 30 Nov 2023 17:03

Tgt Ion:178 Resp: 1065
Ion Ratio Lower Upper
178 100
179 23.7 15.7 23.5#
176 28.1 18.9 28.3





#19

Fluoranthene

Concen: 0.034 ng/u1

RT: 19.270 min Scan# 3605

Delta R.T. -0.010 min

Lab File: BM043088.D

Acq: 30 Nov 2023 17:03

Instrument :

BNA_M

ClientSampleId :

COAB0

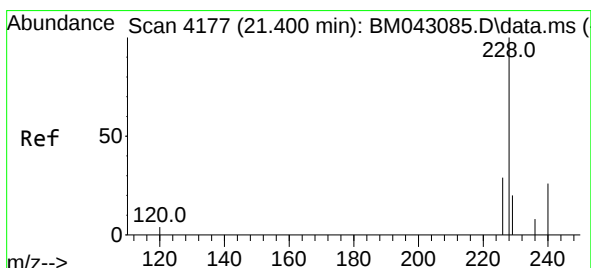
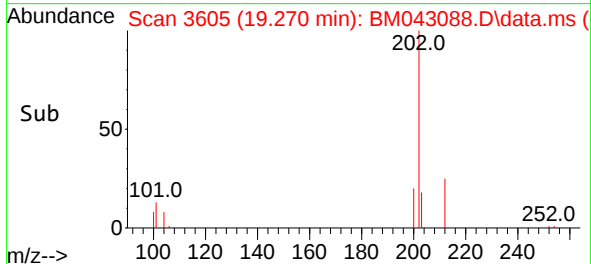
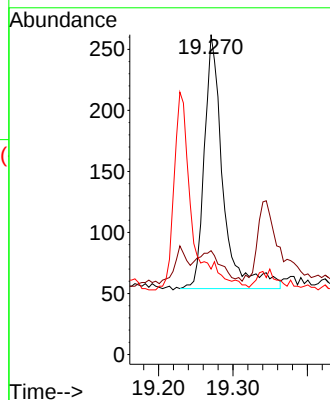
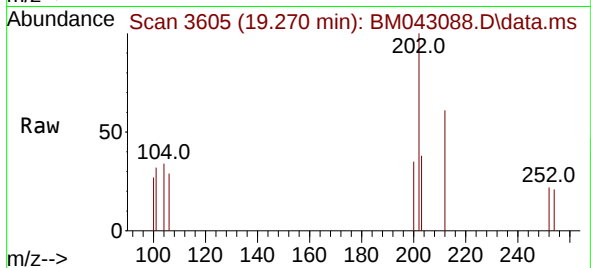
Tgt Ion:	202	Resp:	360
Ion	Ratio	Lower	Upper
202	100		
101	32.4	7.8	11.8
100	26.7	7.1	10.7

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#21

Benzo(a)anthracene

Concen: 0.048 ng/u1

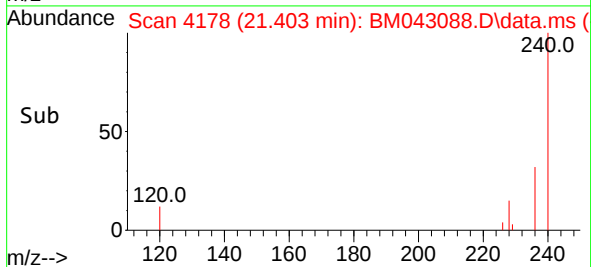
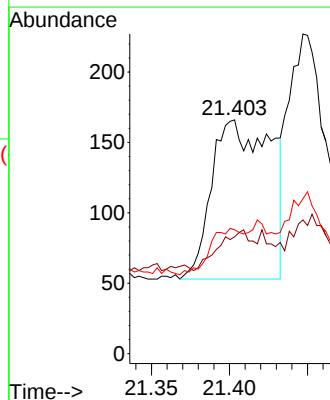
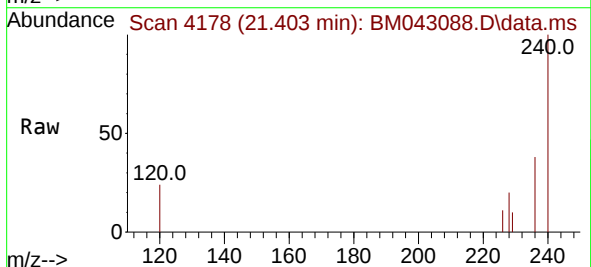
RT: 21.403 min Scan# 4178

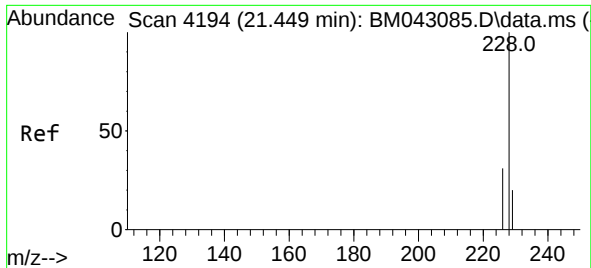
Delta R.T. 0.004 min

Lab File: BM043088.D

Acq: 30 Nov 2023 17:03

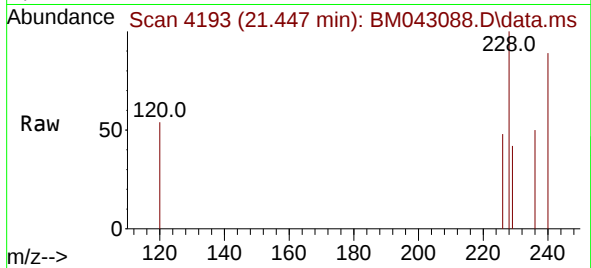
Tgt Ion:	228	Resp:	296
Ion	Ratio	Lower	Upper
228	100		
229	50.0	19.4	29.0
226	53.0	24.9	37.3





#22
Chrysene
Concen: 0.030 ng/ul
RT: 21.447 min Scan# 4193
Delta R.T. -0.002 min
Lab File: BM043088.D
Acq: 30 Nov 2023 17:03

Instrument :
BNA_M
ClientSampleId :
C0AB0



Tgt Ion:228 Resp: 340
Ion Ratio Lower Upper
228 100
226 48.5 27.2 40.8
229 41.9 18.0 27.0

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