

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040889.D
 Acq On : 14 Jul 2023 21:25
 Operator : MA/JU
 Sample : 03437-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46H7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 15 04:00:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 15 03:58:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	4340	0.400	ng/ul	0.00
4) Naphthalene-d8	10.663	136	13766	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.509	164	5720	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	10848	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	7462	0.400	ng/ul	0.00
23) Perylene-d12	23.827	264	7639	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	23453	3.440	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	3412	0.177	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	4877	0.204	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.713	128	15414	0.406	ng/ul	99
7) 2-Methylnaphthalene	12.330	142	691	0.031	ng/ul	97
15) Phenanthrene	17.299	178	1757	0.052	ng/ul#	86
19) Fluoranthene	19.320	202	4415	0.139	ng/ul	96
20) Pyrene	19.682	202	3639m	0.107	ng/ul	
21) Benzo(a)anthracene	21.433	228	2114	0.084	ng/ul#	86
22) Chrysene	21.486	228	1878	0.065	ng/ul#	86
24) Benzo(b)fluoranthene	23.105	252	2857	0.097	ng/ul#	38
25) Benzo(k)fluoranthene	23.149	252	1104m	0.038	ng/ul	
26) Benzo(a)pyrene	23.719	252	822	0.031	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.290	276	1295	0.035	ng/ul#	90

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

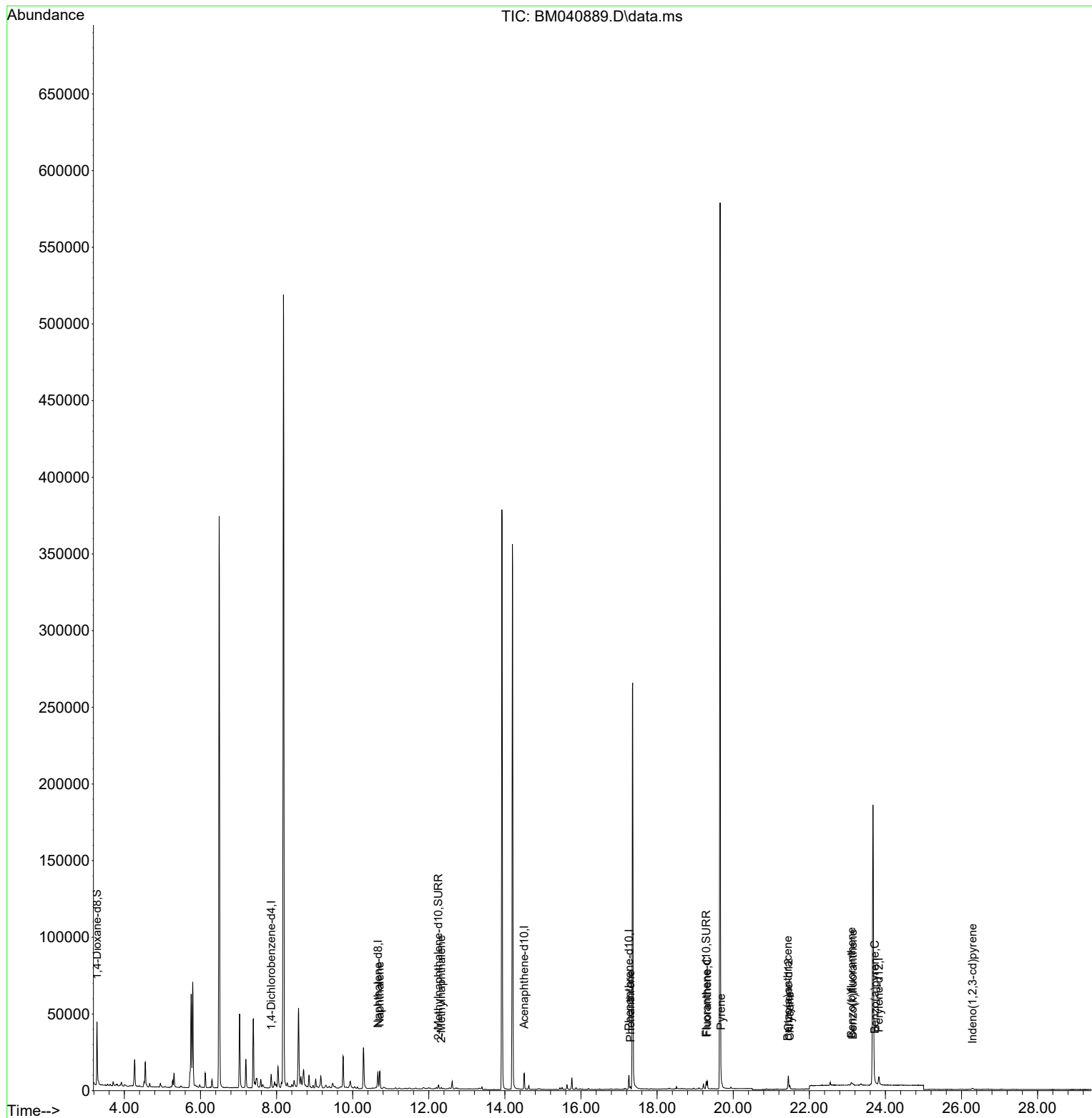
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
Data File : BM040889.D
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ALS Vial : 20 Sample Multiplier: 1

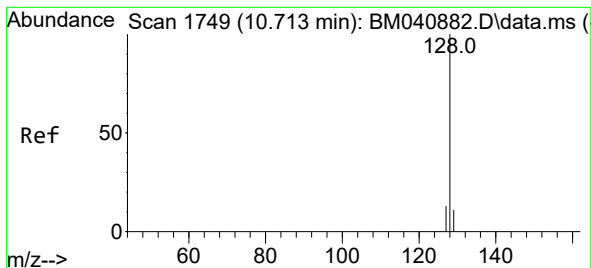
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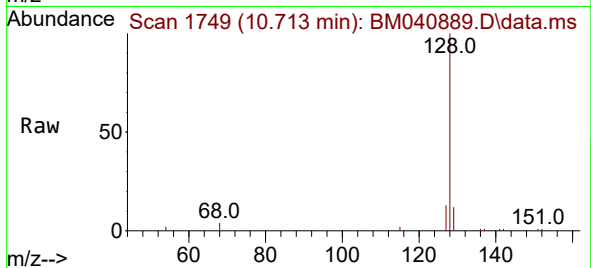
Quant Time: Jul 15 04:00:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 03:58:02 2023
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#5
Naphthalene
Concen: 0.406 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BM040889.D
Acq: 14 Jul 2023 21:25

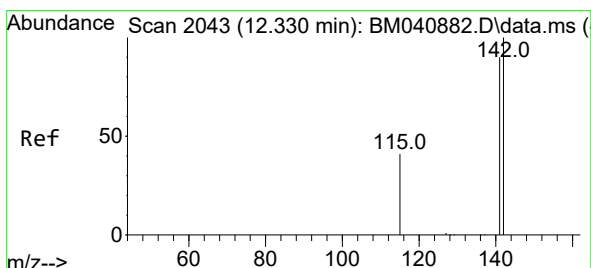
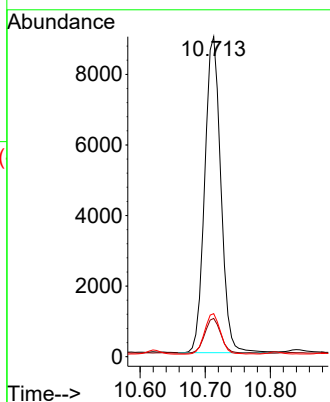
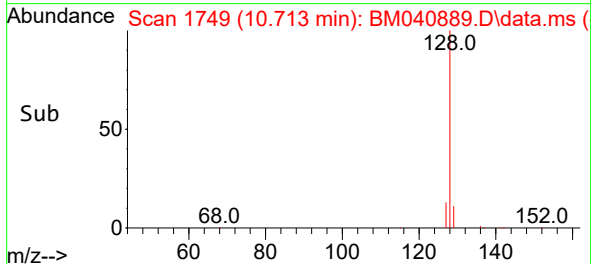
Instrument :
BNA_M
ClientSampleId :
A46H7



Tgt Ion:128 Resp: 15414
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 13.5 10.6 15.8

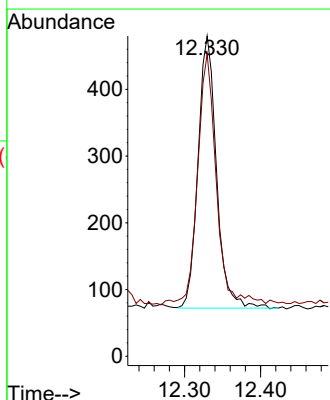
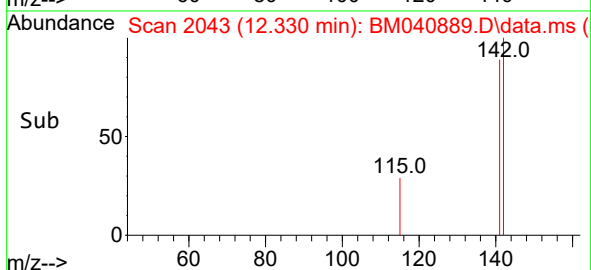
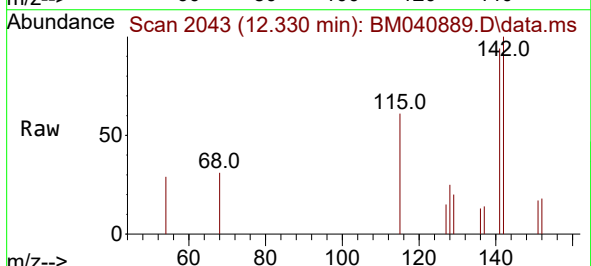
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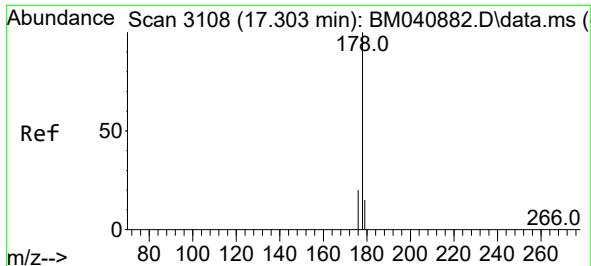
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.330 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BM040889.D
Acq: 14 Jul 2023 21:25

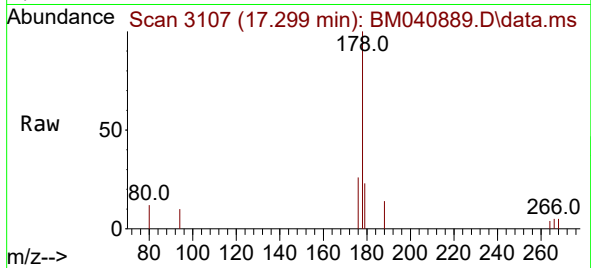
Tgt Ion:142 Resp: 691
Ion Ratio Lower Upper
142 100
141 92.3 71.9 107.9





#15
Phenanthrene
Concen: 0.052 ng/ul
RT: 17.299 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM040889.D
Acq: 14 Jul 2023 21:25

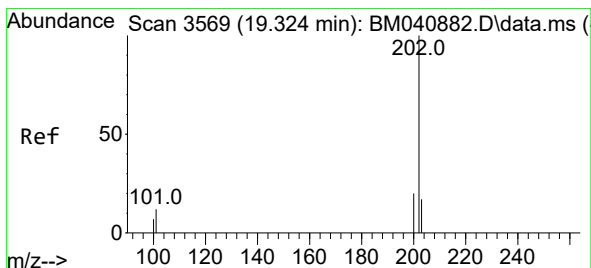
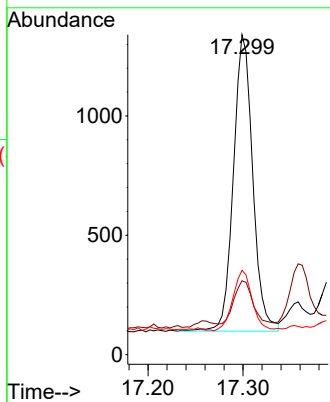
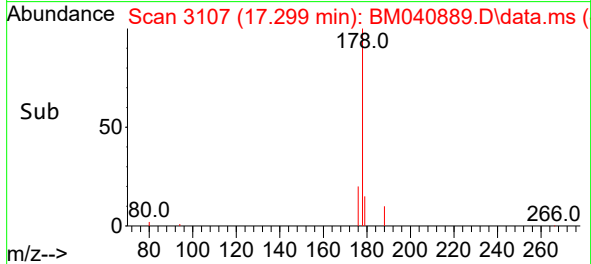
Instrument :
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ClientSampleId :
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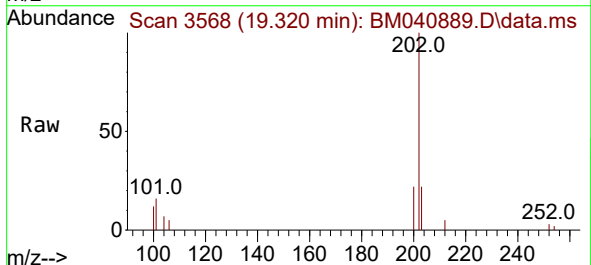
Tgt Ion:178 Resp: 175
Ion Ratio Lower Upper
178 100
179 23.1 12.8 19.2
176 26.3 16.4 24.6

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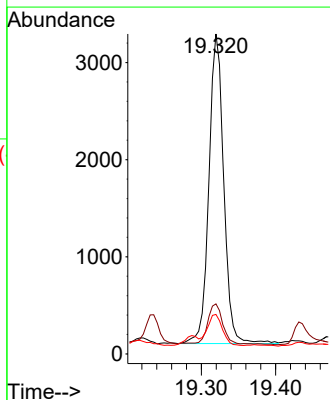
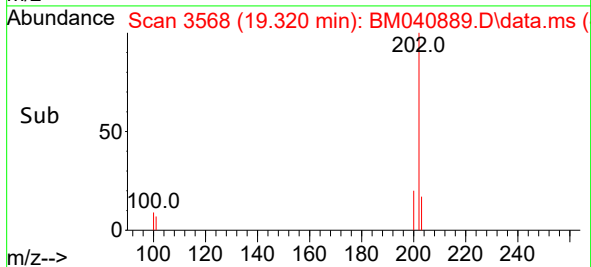
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

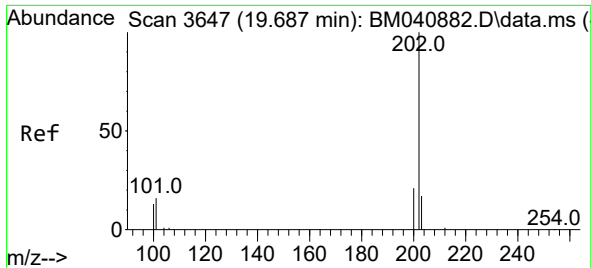


#19
Fluoranthene
Concen: 0.139 ng/ul
RT: 19.320 min Scan# 3568
Delta R.T. -0.005 min
Lab File: BM040889.D
Acq: 14 Jul 2023 21:25



Tgt Ion:202 Resp: 4415
Ion Ratio Lower Upper
202 100
101 15.7 11.4 17.0
100 12.3 8.7 13.1





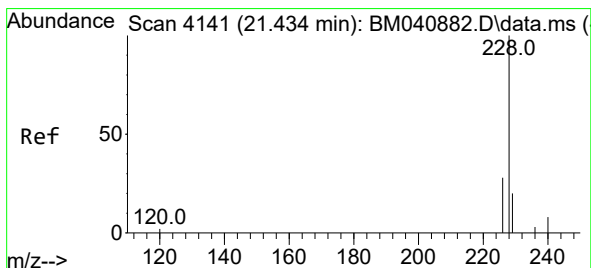
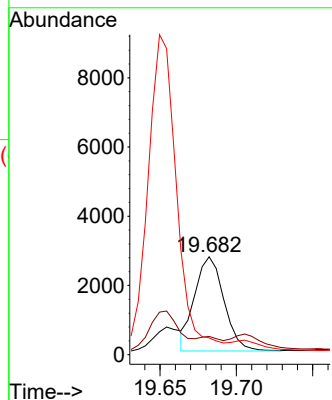
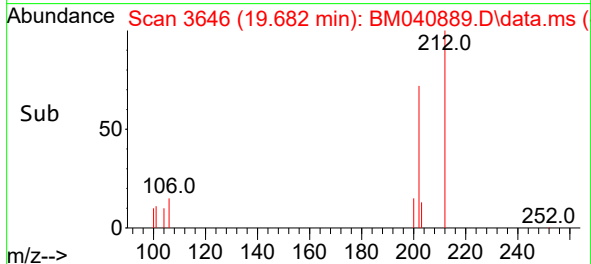
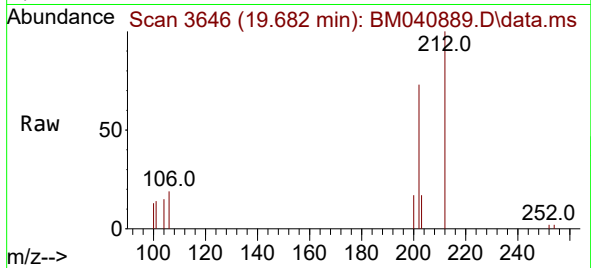
#20
Pyrene
Concen: 0.107 ng/ul m
RT: 19.682 min Scan# 3646
Delta R.T. -0.005 min
Lab File: BM040889.D
Acq: 14 Jul 2023 21:25

Instrument :
BNA_M
ClientSampleId :
A46H7

Tgt Ion:202 Resp: 3639
Ion Ratio Lower Upper
202 100
101 18.6 12.6 18.8
100 17.3 9.8 14.6

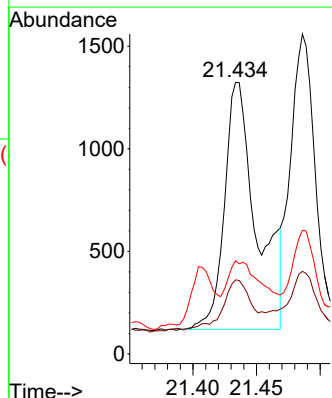
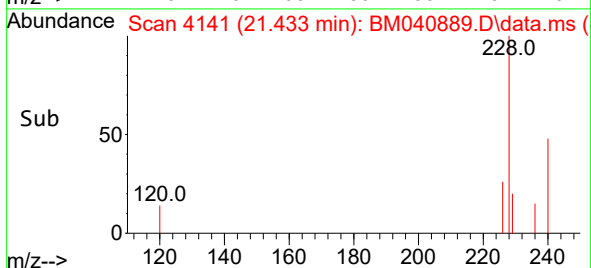
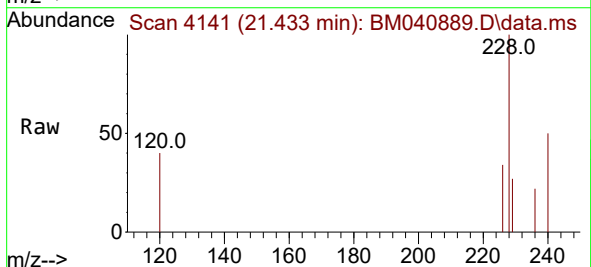
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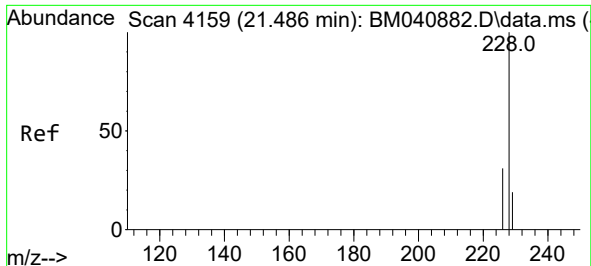
Reviewed By :Jagrut Upadhyay 07/15/2023
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#21
Benzo(a)anthracene
Concen: 0.084 ng/ul
RT: 21.433 min Scan# 4141
Delta R.T. -0.000 min
Lab File: BM040889.D
Acq: 14 Jul 2023 21:25

Tgt Ion:228 Resp: 2114
Ion Ratio Lower Upper
228 100
229 27.3 16.0 24.0#
226 34.4 22.3 33.5#





#22

Chrysene

Concen: 0.065 ng/ul

RT: 21.486 min Scan# 4159

Delta R.T. -0.000 min

Lab File: BM040889.D

Acq: 14 Jul 2023 21:25

Instrument :

BNA_M

ClientSampleId :

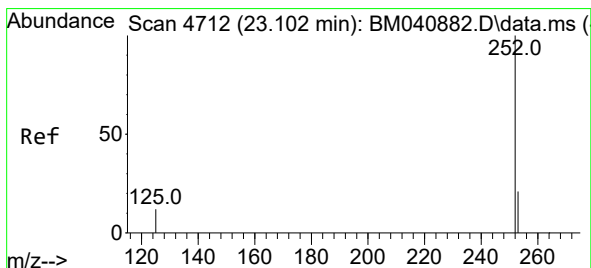
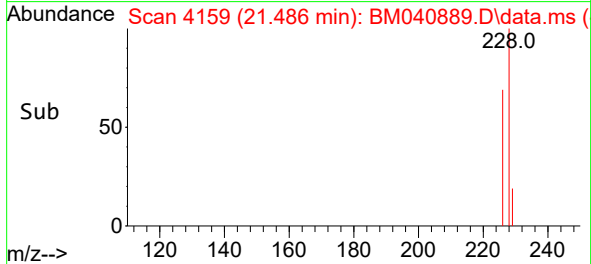
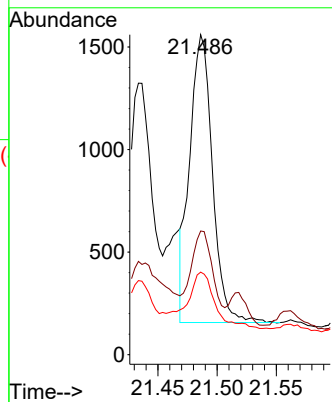
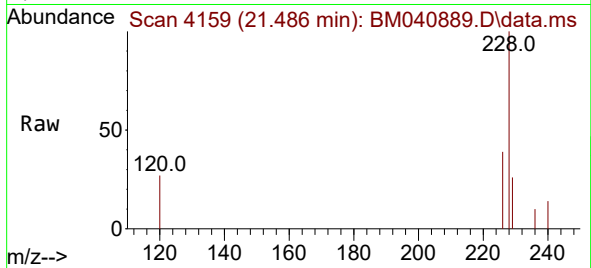
A46H7

Tgt Ion:	228	Resp:	1878
Ion Ratio	Lower	Upper	
228	100		
226	38.7	24.9	37.3
229	25.8	15.8	23.6

Manual Integrations

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#24

Benzo(b)fluoranthene

Concen: 0.097 ng/ul

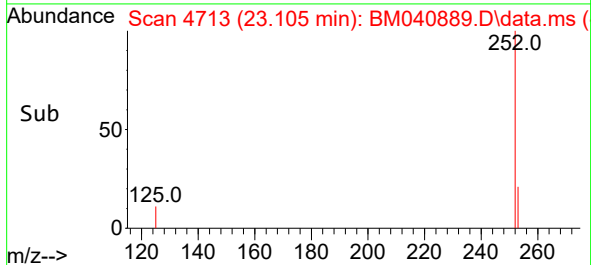
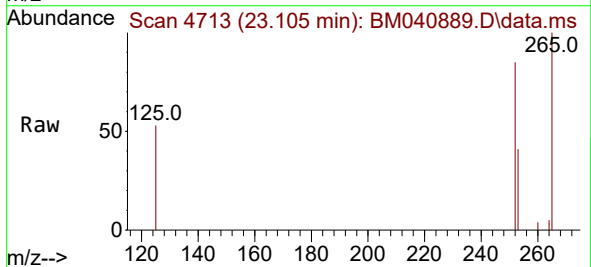
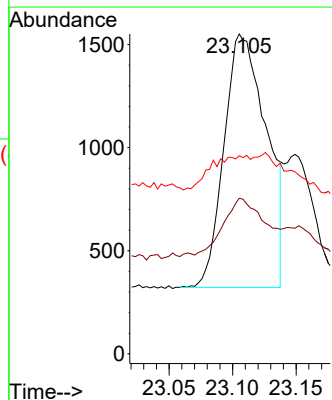
RT: 23.105 min Scan# 4713

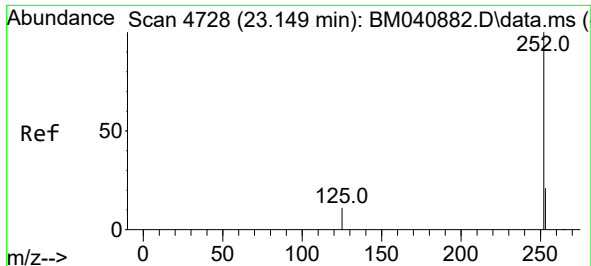
Delta R.T. 0.003 min

Lab File: BM040889.D

Acq: 14 Jul 2023 21:25

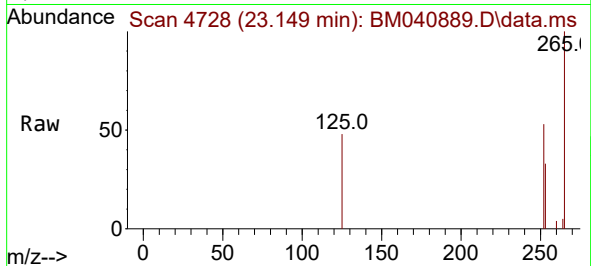
Tgt Ion:	252	Resp:	2857
Ion Ratio	Lower	Upper	
252	100		
253	48.6	0.0	52.8
125	62.0	0.0	43.0





#25
Benzo(k)fluoranthene
Concen: 0.038 ng/ul m
RT: 23.149 min Scan# 4728
Delta R.T. -0.000 min
Lab File: BM040889.D
Acq: 14 Jul 2023 21:25

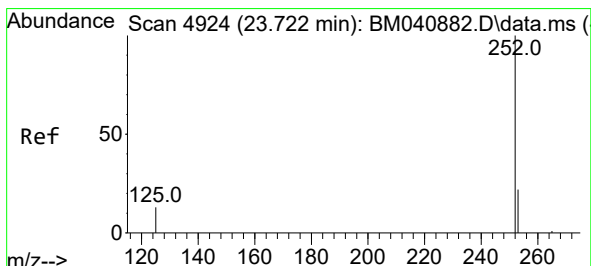
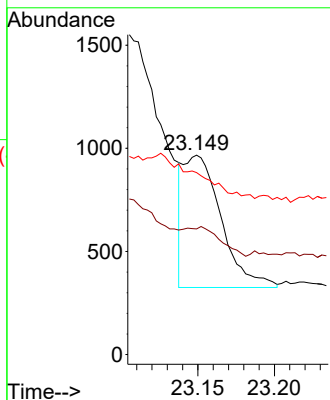
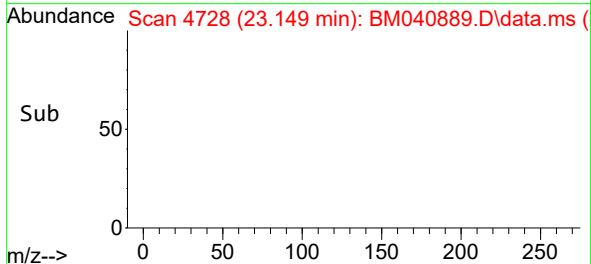
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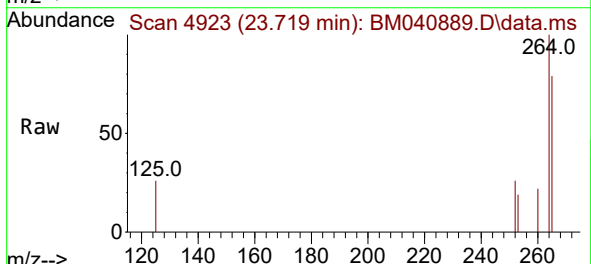
Tgt Ion:252 Resp: 1104
Ion Ratio Lower Upper
252 100
253 63.0 21.2 31.8
125 91.2 16.4 24.6

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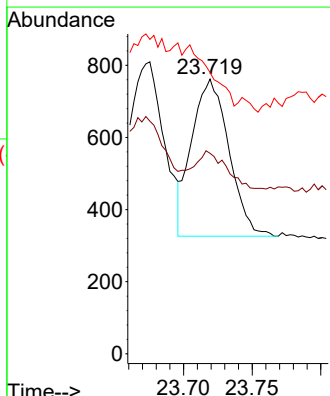
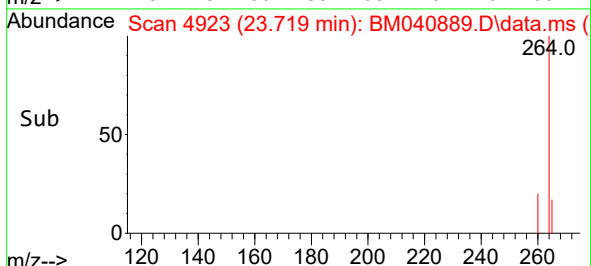
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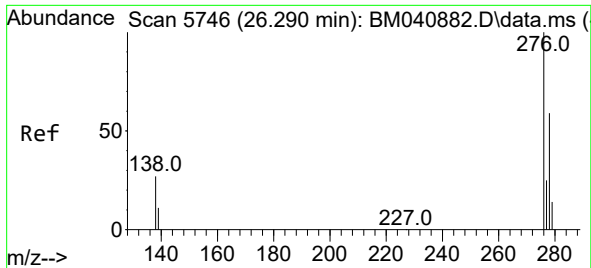


#26
Benzo(a)pyrene
Concen: 0.031 ng/ul
RT: 23.719 min Scan# 4923
Delta R.T. -0.003 min
Lab File: BM040889.D
Acq: 14 Jul 2023 21:25



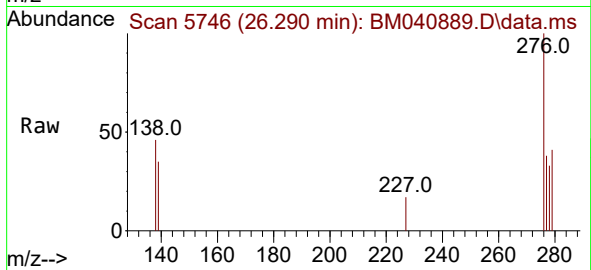
Tgt Ion:252 Resp: 822
Ion Ratio Lower Upper
252 100
253 73.0 22.9 34.3#
125 102.4 21.0 31.4#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.035 ng/ul
 RT: 26.290 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: BM040889.D
 Acq: 14 Jul 2023 21:25

Instrument :
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Tgt Ion: 276 Resp: 129
 Ion Ratio Lower Upper
 276 100
 138 25.3 24.5 36.7
 227 0.2 0.1 0.1

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