

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040884.D
 Acq On : 14 Jul 2023 18:13
 Operator : MA/JU
 Sample : 03437-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4630

Manual Integrations
 APPROVED

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

Quant Time: Jul 15 03:59:32 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	5247	0.400	ng/ul	0.00
4) Naphthalene-d8	10.663	136	18876	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.509	164	9183	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	22374	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	12514	0.400	ng/ul #	0.00
23) Perylene-d12	23.830	264	10213	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	12020	1.458	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	2477	0.094	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	5032	0.125	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.713	128	17206	0.330	ng/ul	99
7) 2-Methylnaphthalene	12.330	142	1037	0.034	ng/ul	98
15) Phenanthrene	17.303	178	6134	0.088	ng/ul#	94
19) Fluoranthene	19.320	202	11274	0.212	ng/ul	99
20) Pyrene	19.682	202	10216m	0.179	ng/ul	
21) Benzo(a)anthracene	21.436	228	3517	0.083	ng/ul#	90
22) Chrysene	21.489	228	5689	0.118	ng/ul#	92
24) Benzo(b)fluoranthene	23.108	252	5010	0.127	ng/ul#	53
25) Benzo(k)fluoranthene	23.155	252	1879m	0.048	ng/ul	
26) Benzo(a)pyrene	23.722	252	1328	0.037	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.293	276	1946	0.039	ng/ul#	88

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

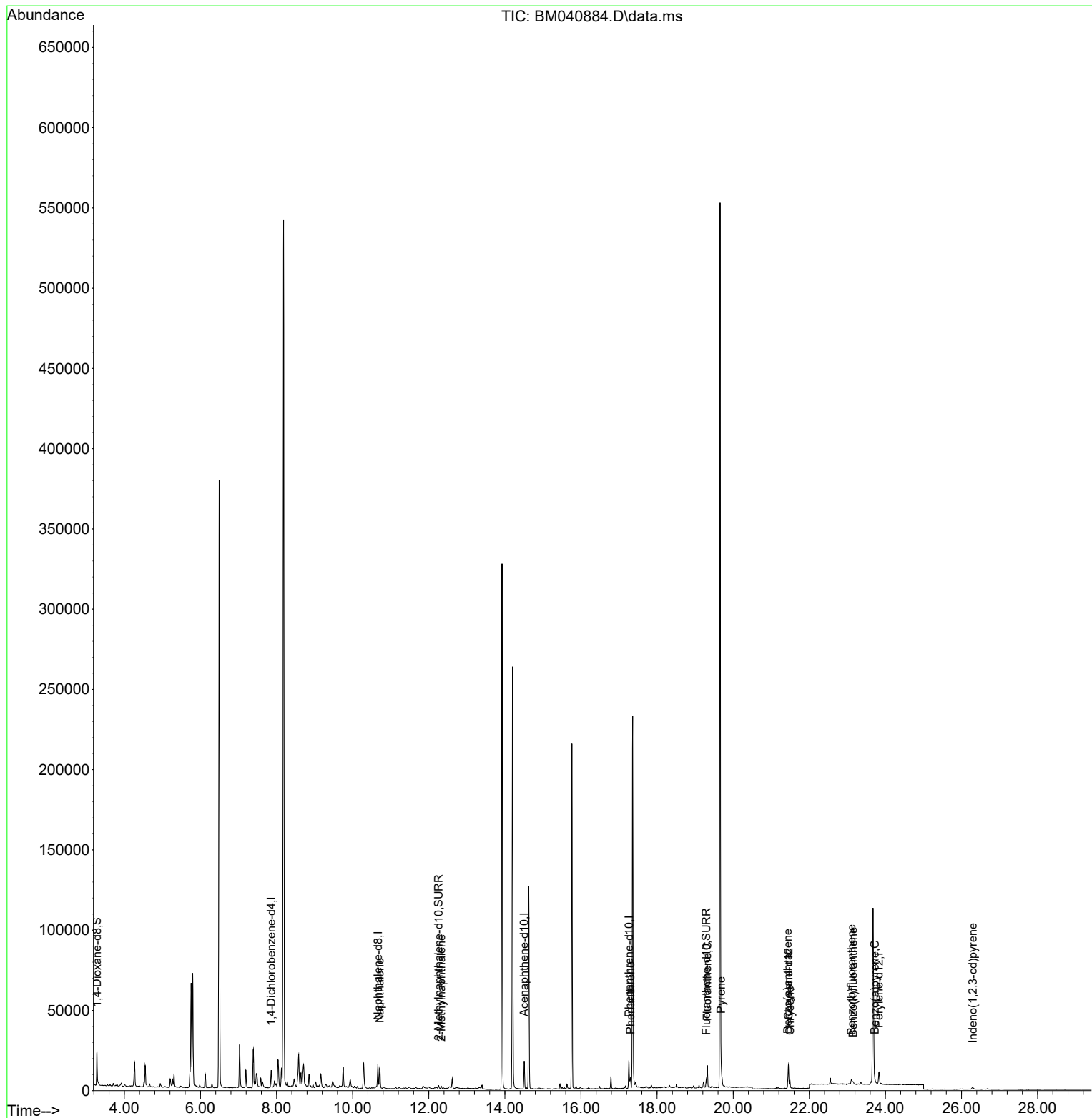
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
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ALS Vial : 15 Sample Multiplier: 1

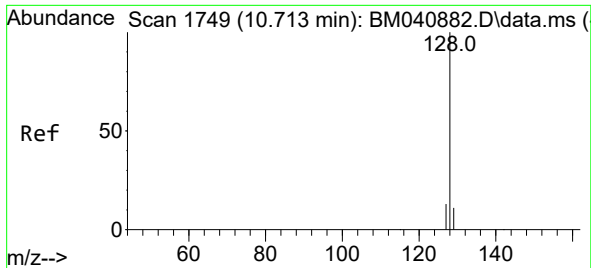
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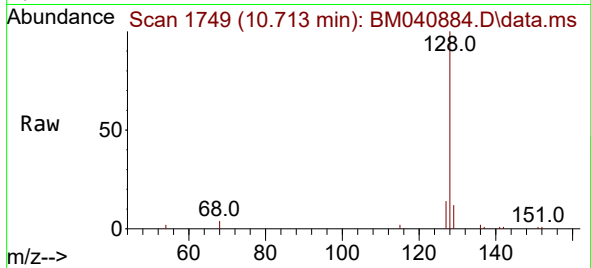
Quant Time: Jul 15 03:59:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.330 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BM040884.D
Acq: 14 Jul 2023 18:13

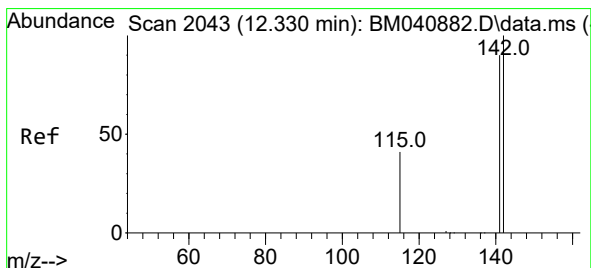
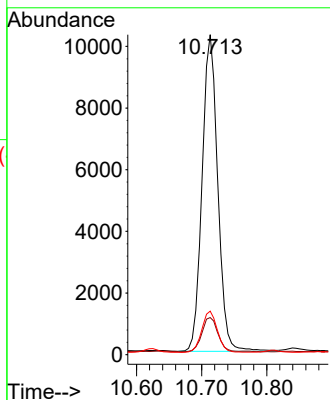
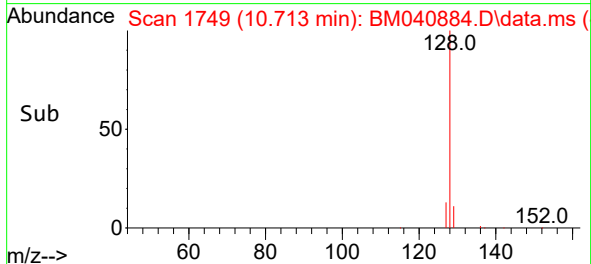
Instrument :
BNA_M
ClientSampleId :
A4630



Tgt Ion:128 Resp: 17200
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.6 10.6 15.8

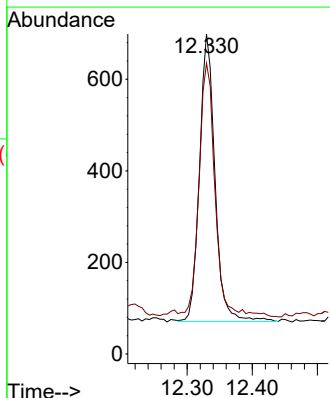
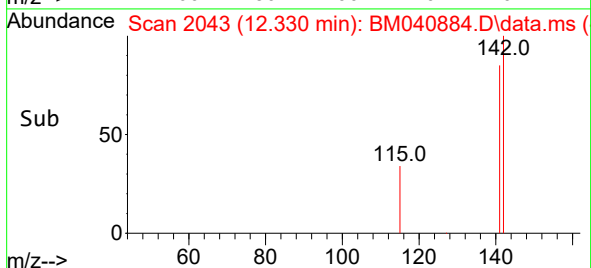
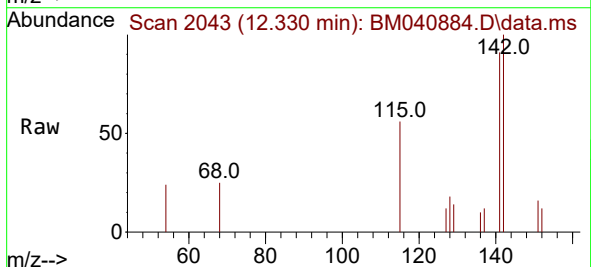
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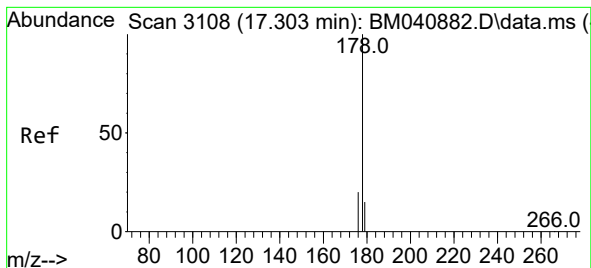
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#7
2-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.330 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BM040884.D
Acq: 14 Jul 2023 18:13

Tgt Ion:142 Resp: 1037
Ion Ratio Lower Upper
142 100
141 92.0 71.9 107.9





#15

Phenanthrene

Concen: 0.088 ng/ul

RT: 17.303 min Scan# 3108

Delta R.T. -0.000 min

Lab File: BM040884.D

Acq: 14 Jul 2023 18:13

Instrument :

BNA_M

ClientSampleId :

A4630

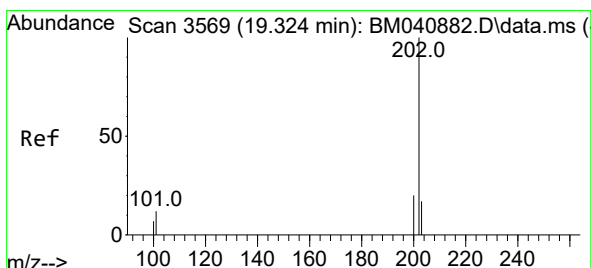
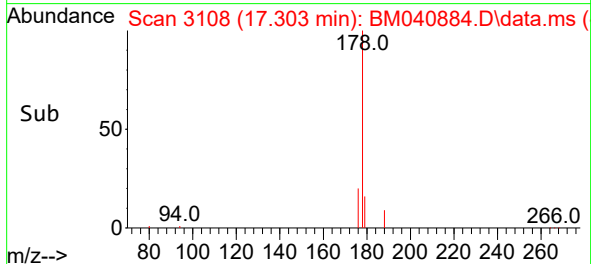
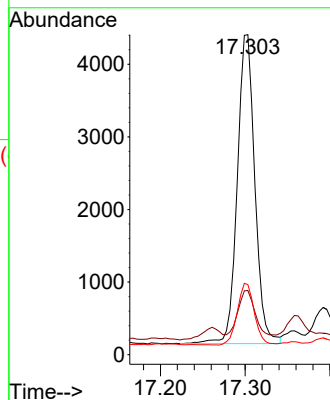
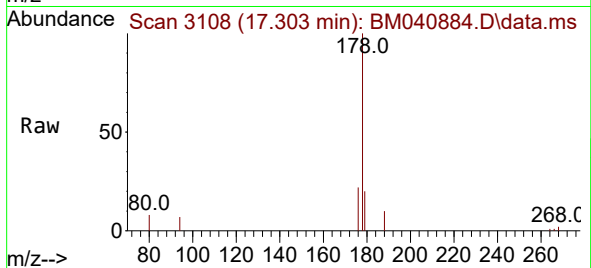
Tgt Ion:178 Resp: 6134

Ion	Ratio	Lower	Upper
178	100		
179	20.0	12.8	19.2
176	21.9	16.4	24.6

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#19

Fluoranthene

Concen: 0.212 ng/ul

RT: 19.320 min Scan# 3568

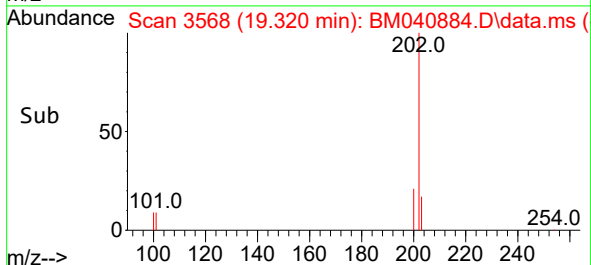
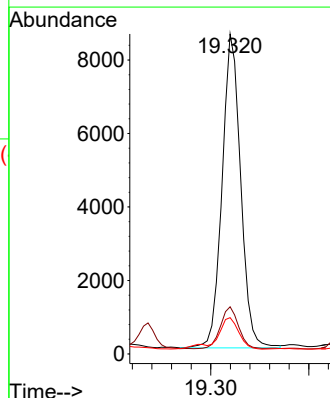
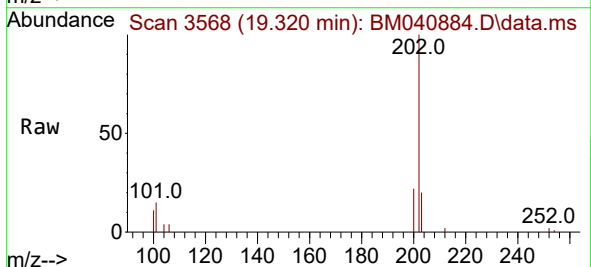
Delta R.T. -0.005 min

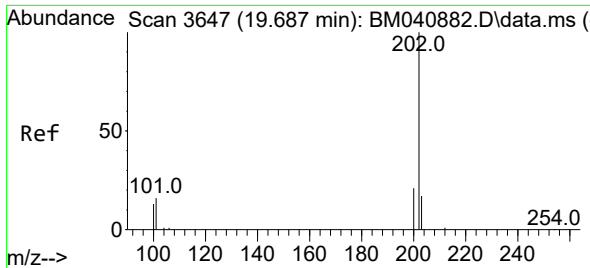
Lab File: BM040884.D

Acq: 14 Jul 2023 18:13

Tgt Ion:202 Resp: 11274

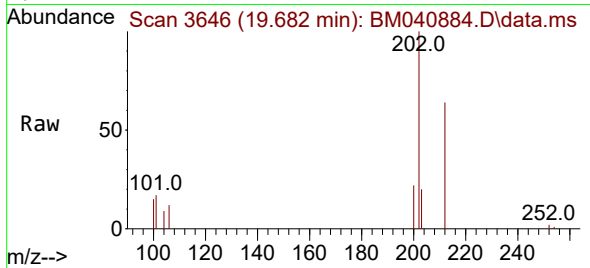
Ion	Ratio	Lower	Upper
202	100		
101	14.7	11.4	17.0
100	11.4	8.7	13.1





#20
Pyrene
Concen: 0.179 ng/ul m
RT: 19.682 min Scan# 3646
Delta R.T. -0.005 min
Lab File: BM040884.D
Acq: 14 Jul 2023 18:13

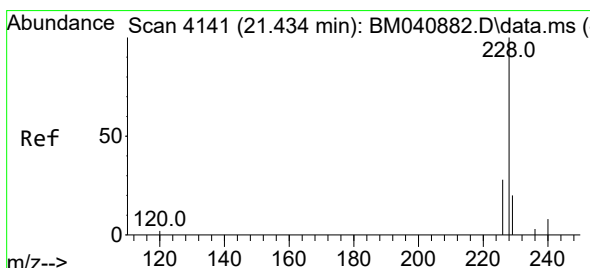
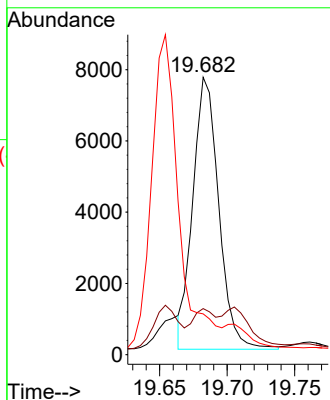
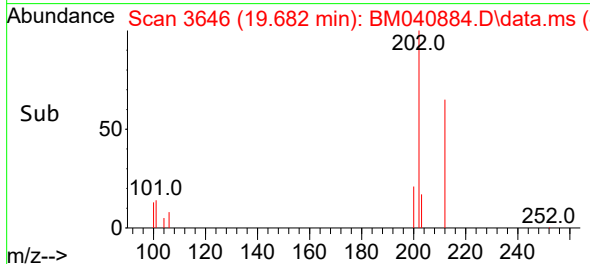
Instrument :
BNA_M
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A4630



Tgt Ion:202 Resp: 10210
Ion Ratio Lower Upper
202 100
101 16.6 12.6 18.8
100 14.7 9.8 14.6

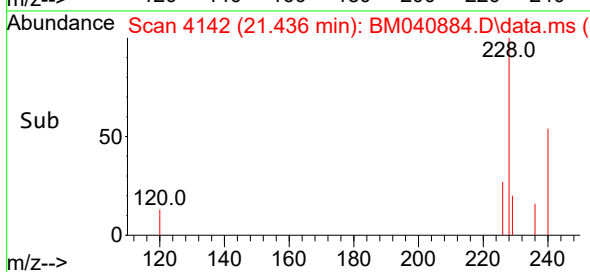
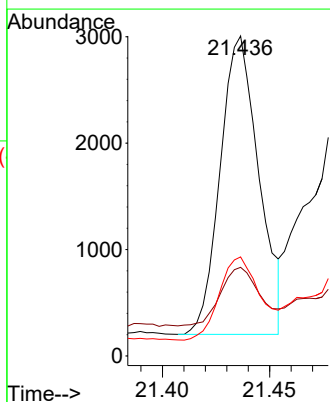
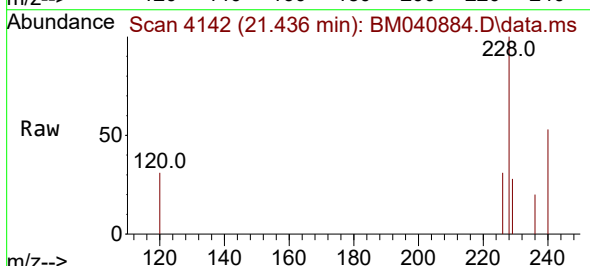
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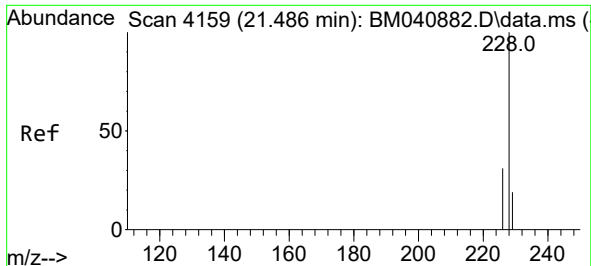
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#21
Benzo(a)anthracene
Concen: 0.083 ng/ul
RT: 21.436 min Scan# 4142
Delta R.T. 0.003 min
Lab File: BM040884.D
Acq: 14 Jul 2023 18:13

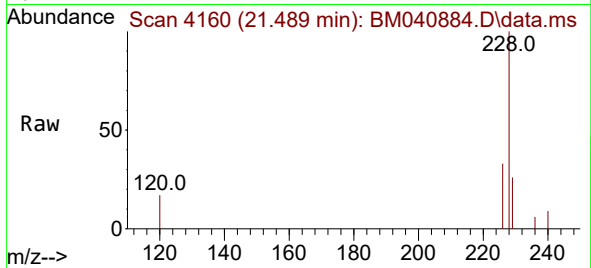
Tgt Ion:228 Resp: 3517
Ion Ratio Lower Upper
228 100
229 27.7 16.0 24.0#
226 31.0 22.3 33.5





#22
Chrysene
Concen: 0.118 ng/ul
RT: 21.489 min Scan# 4160
Delta R.T. 0.003 min
Lab File: BM040884.D
Acq: 14 Jul 2023 18:13

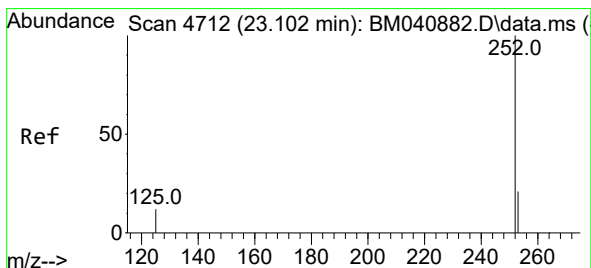
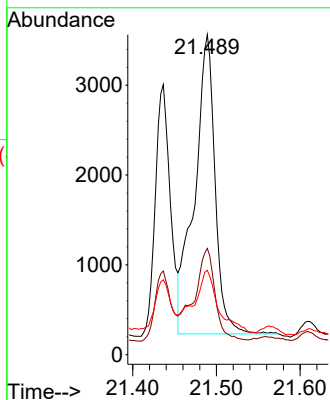
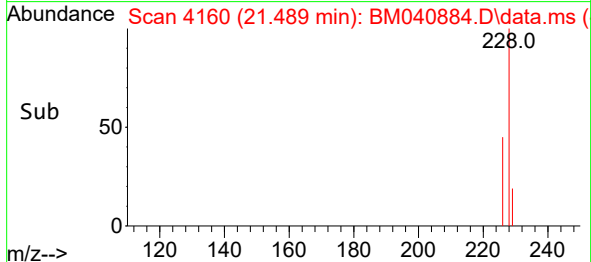
Instrument :
BNA_M
ClientSampleId :
A4630



Tgt Ion:228 Resp: 5689
Ion Ratio Lower Upper
228 100
226 33.2 24.9 37.3
229 26.3 15.8 23.6

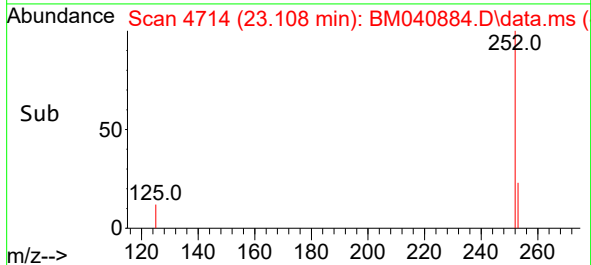
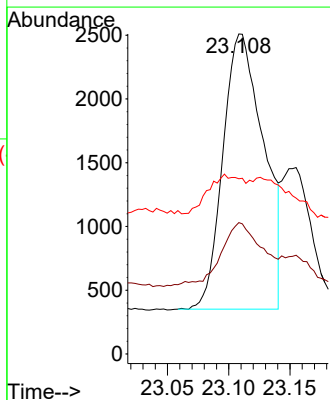
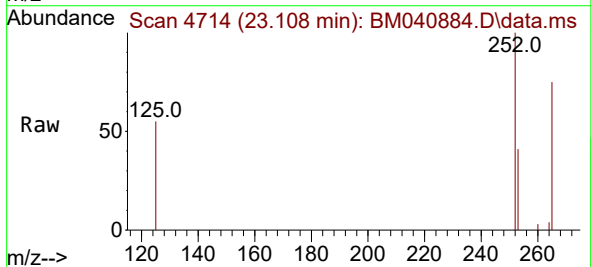
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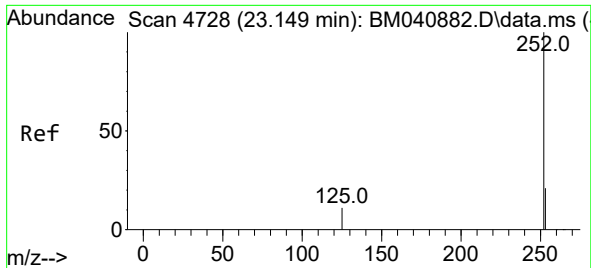
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#24
Benzo(b)fluoranthene
Concen: 0.127 ng/ul
RT: 23.108 min Scan# 4714
Delta R.T. 0.006 min
Lab File: BM040884.D
Acq: 14 Jul 2023 18:13

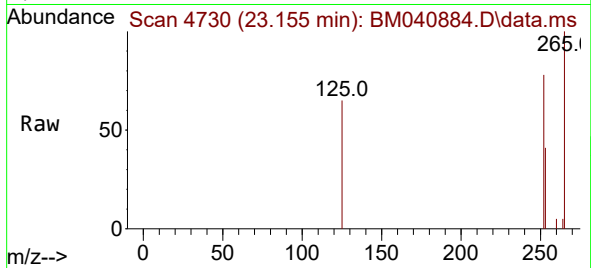
Tgt Ion:252 Resp: 5010
Ion Ratio Lower Upper
252 100
253 41.0 0.0 52.8
125 54.7 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.048 ng/ul m
RT: 23.155 min Scan# 4730
Delta R.T. 0.006 min
Lab File: BM040884.D
Acq: 14 Jul 2023 18:13

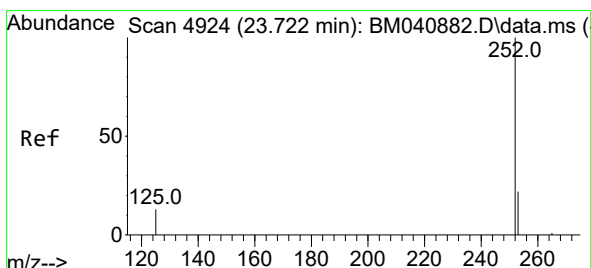
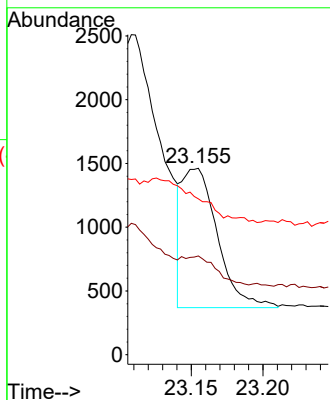
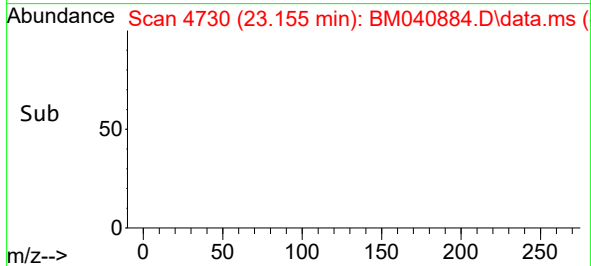
Instrument :
BNA_M
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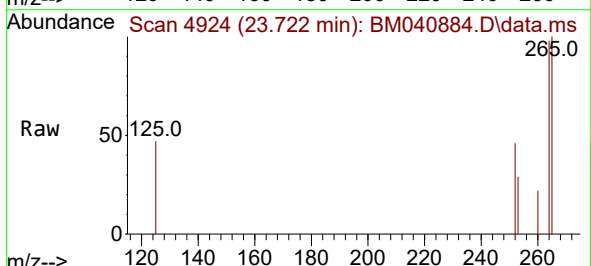
Tgt Ion:252 Resp: 1879
Ion Ratio Lower Upper
252 100
253 52.9 21.2 31.8
125 83.7 16.4 24.6

Manual Integrations
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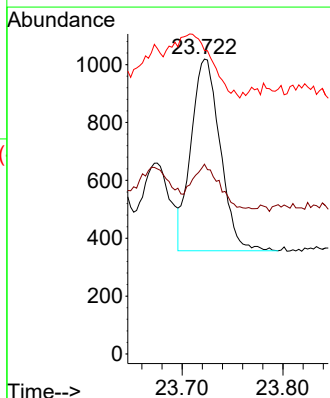
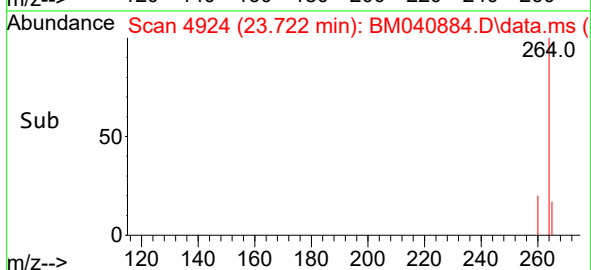
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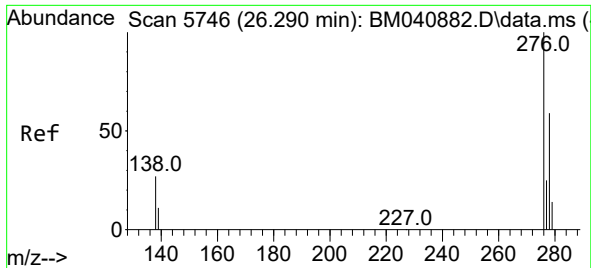


#26
Benzo(a)pyrene
Concen: 0.037 ng/ul
RT: 23.722 min Scan# 4924
Delta R.T. -0.000 min
Lab File: BM040884.D
Acq: 14 Jul 2023 18:13



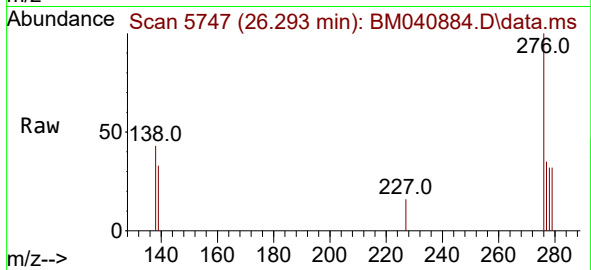
Tgt Ion:252 Resp: 1328
Ion Ratio Lower Upper
252 100
253 64.4 22.9 34.3#
125 102.9 21.0 31.4#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.039 ng/ul
 RT: 26.293 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: BM040884.D
 Acq: 14 Jul 2023 18:13

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion: 276 Resp: 1940
 Ion Ratio Lower Upper
 276 100
 138 24.2 24.5 36.7
 227 1.5 0.1 0.1

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