

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040897.D
 Acq On : 15 Jul 2023 02:29
 Operator : MA/JU
 Sample : 03437-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46G9

Manual Integrations
 APPROVED

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

Quant Time: Jul 15 04:01:20 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	7.857	152	4702	0.400	ng/ul	0.00
4) Naphthalene-d8	10.658	136	15603	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.504	164	6620	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.257	188	12043	0.400	ng/ul	0.00
17) Chrysene-d12	21.448	240	7816	0.400	ng/ul	0.00
23) Perylene-d12	23.825	264	7613	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	13990	1.894	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	2460	0.112	ng/ul	0.00
18) Fluoranthene-d10	19.287	212	3573	0.143	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.708	128	17563	0.408	ng/ul	99
7) 2-Methylnaphthalene	12.324	142	1012	0.040	ng/ul	96
10) Acenaphthylene	14.222	152	871	0.029	ng/ul#	52
15) Phenanthrene	17.299	178	7005	0.187	ng/ul	96
16) Anthracene	17.388	178	975	0.031	ng/ul#	71
19) Fluoranthene	19.315	202	12469	0.376	ng/ul	99
20) Pyrene	19.682	202	11871m	0.334	ng/ul	
21) Benzo(a)anthracene	21.431	228	5097	0.193	ng/ul#	90
22) Chrysene	21.483	228	7156	0.237	ng/ul#	93
24) Benzo(b)fluoranthene	23.102	252	8021	0.272	ng/ul#	65
25) Benzo(k)fluoranthene	23.146	252	2938m	0.101	ng/ul	
26) Benzo(a)pyrene	23.716	252	1683	0.063	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.280	276	2891	0.078	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.290	278	930	0.032	ng/ul#	1

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

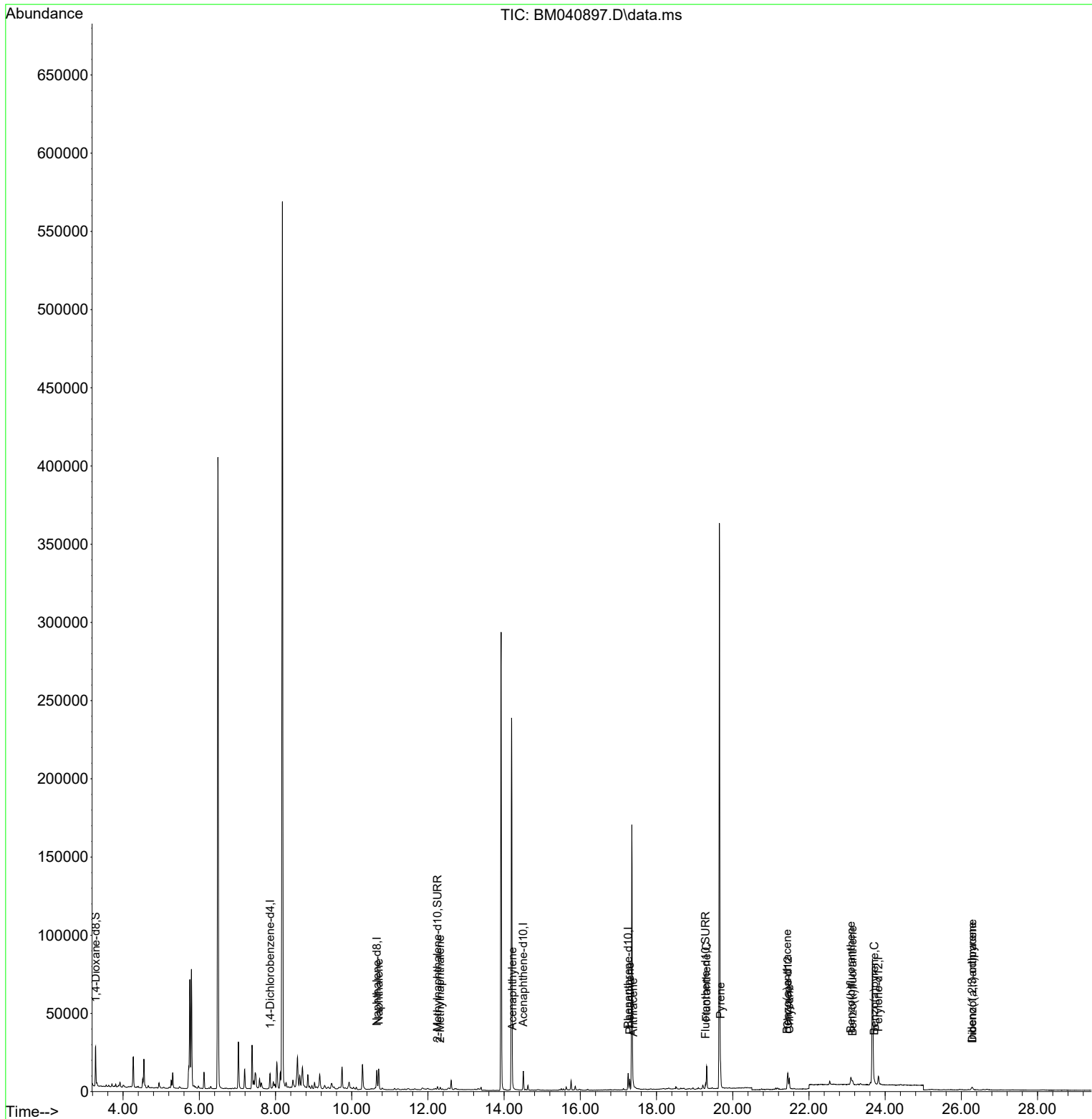
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
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 ALS Vial : 28 Sample Multiplier: 1

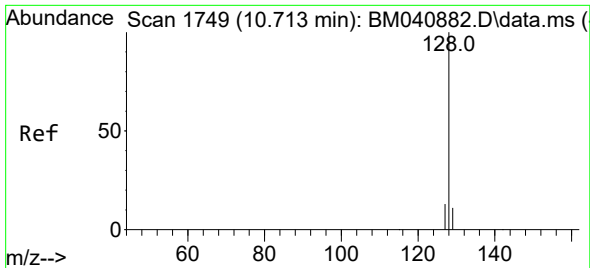
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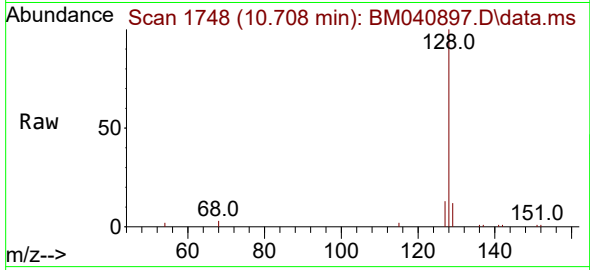
Quant Time: Jul 15 04:01:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
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#5
 Naphthalene
 Concen: 0.408 ng/uI
 RT: 10.708 min Scan# 1756
 Delta R.T. -0.006 min
 Lab File: BM040897.D
 Acq: 15 Jul 2023 02:29

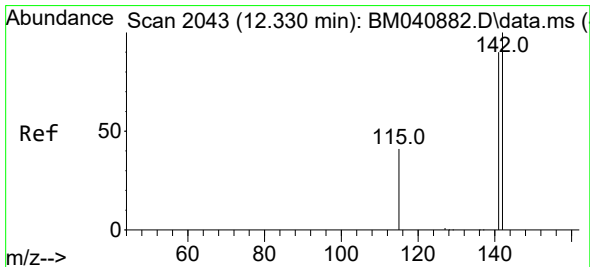
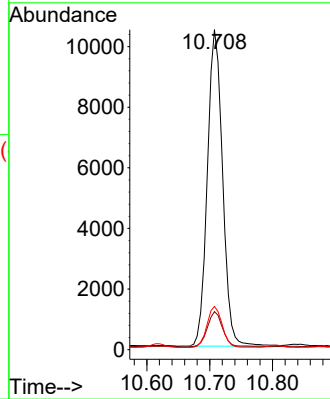
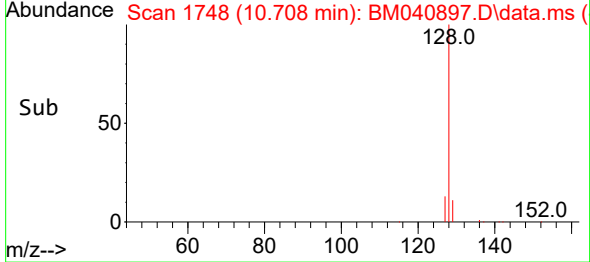
Instrument :
 BNA_M
 ClientSampleId :
 A46G9



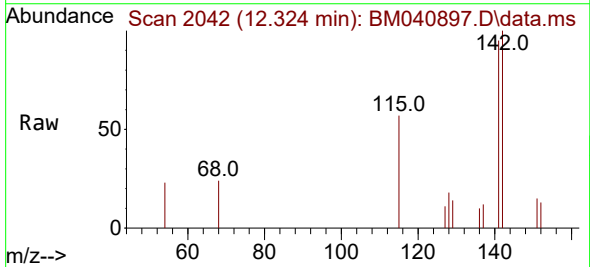
Tgt Ion:128 Resp: 1756
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.2 13.8
 127 13.5 10.6 15.8

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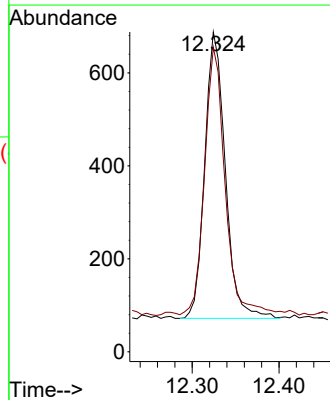
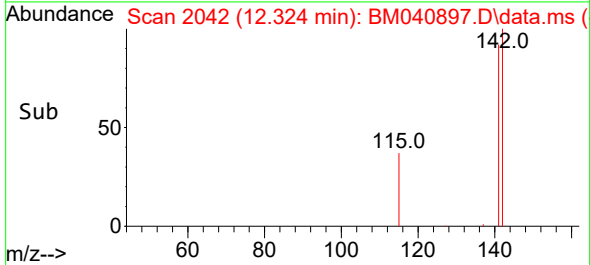
Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/17/2023

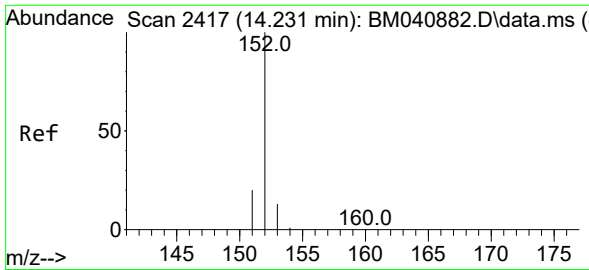


#7
 2-Methylnaphthalene
 Concen: 0.040 ng/uI
 RT: 12.324 min Scan# 2042
 Delta R.T. -0.006 min
 Lab File: BM040897.D
 Acq: 15 Jul 2023 02:29



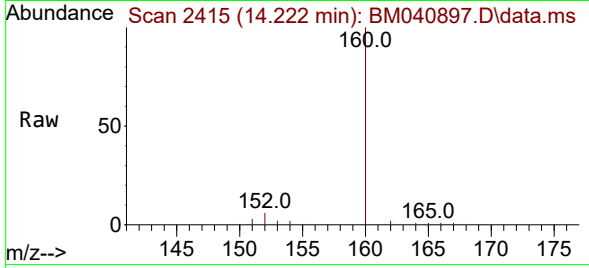
Tgt Ion:142 Resp: 1012
 Ion Ratio Lower Upper
 142 100
 141 93.3 71.9 107.9





#10
 Acenaphthylene
 Concen: 0.029 ng/u1
 RT: 14.222 min Scan# 2415
 Delta R.T. -0.009 min
 Lab File: BM040897.D
 Acq: 15 Jul 2023 02:29

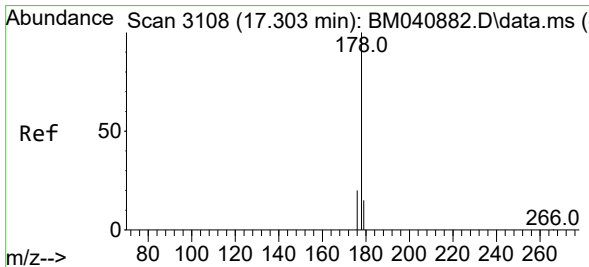
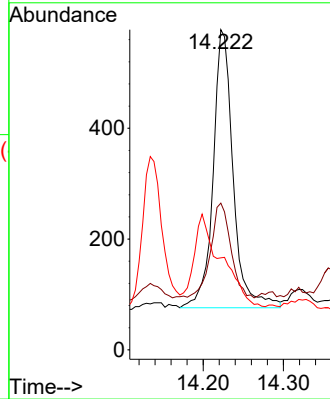
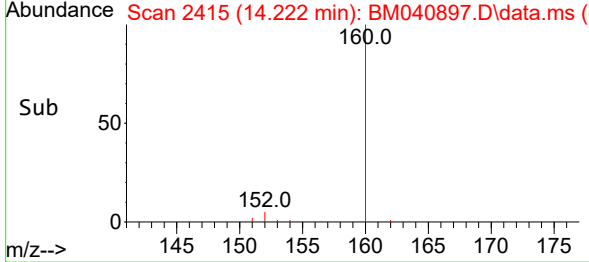
Instrument :
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 ClientSampleId :
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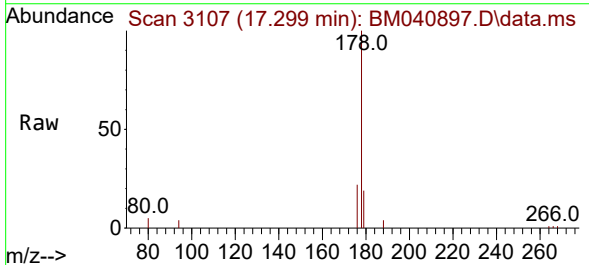
Tgt Ion:152 Resp: 87
 Ion Ratio Lower Upper
 152 100
 151 45.8 16.2 24.2
 153 28.7 10.9 16.3

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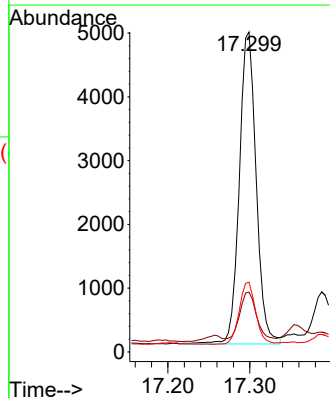
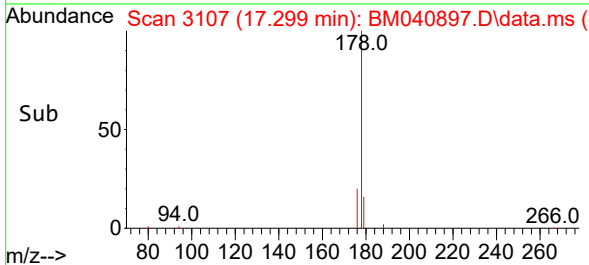
Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/17/2023

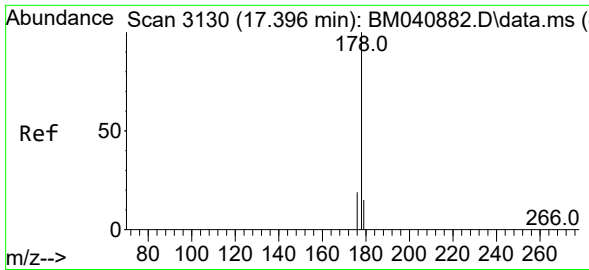


#15
 Phenanthrene
 Concen: 0.187 ng/u1
 RT: 17.299 min Scan# 3107
 Delta R.T. -0.004 min
 Lab File: BM040897.D
 Acq: 15 Jul 2023 02:29



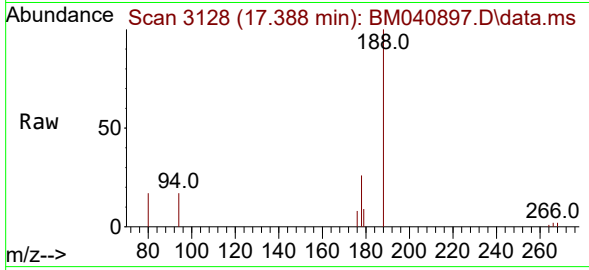
Tgt Ion:178 Resp: 7005
 Ion Ratio Lower Upper
 178 100
 179 18.7 12.8 19.2
 176 21.8 16.4 24.6





#16
 Anthracene
 Concen: 0.031 ng/ul
 RT: 17.388 min Scan# 3130
 Delta R.T. -0.008 min
 Lab File: BM040897.D
 Acq: 15 Jul 2023 02:29

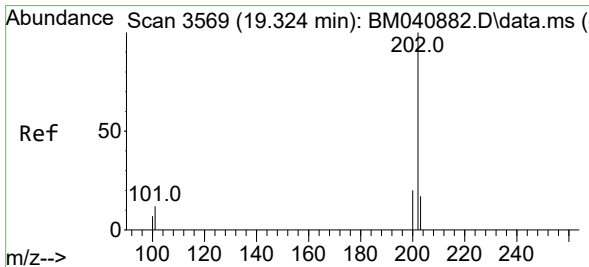
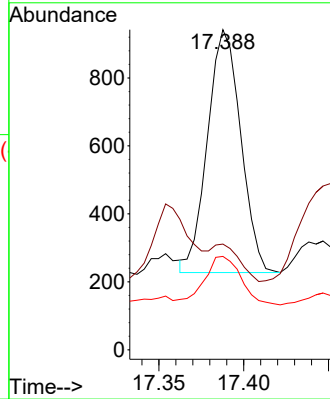
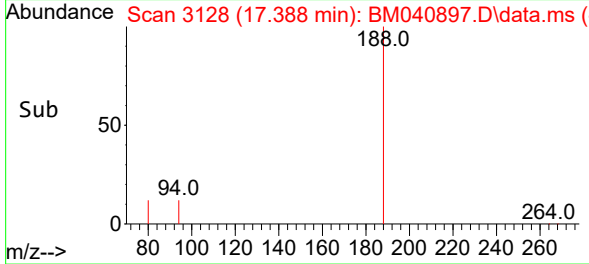
Instrument : BNA_M
 ClientSampleId : A46G9



Tgt Ion:178 Resp: 974
 Ion Ratio Lower Upper
 178 100
 179 33.0 12.9 19.3
 176 29.2 15.8 23.6

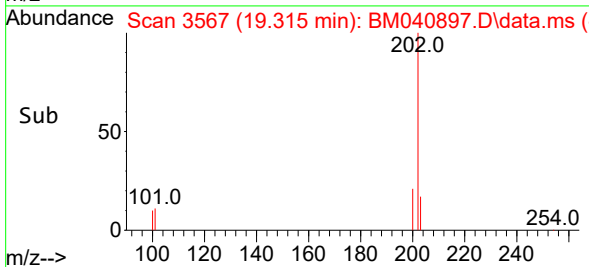
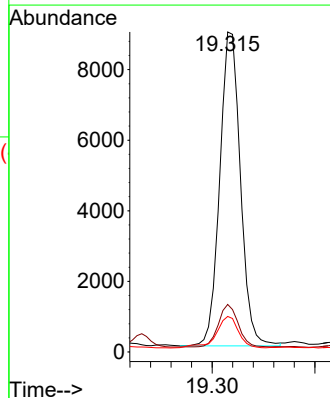
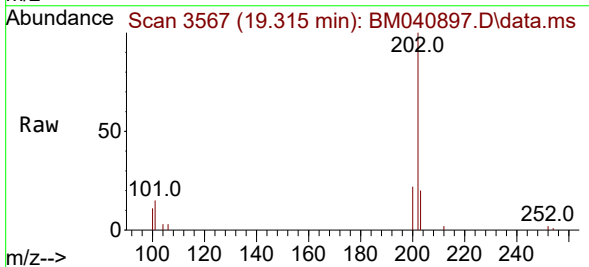
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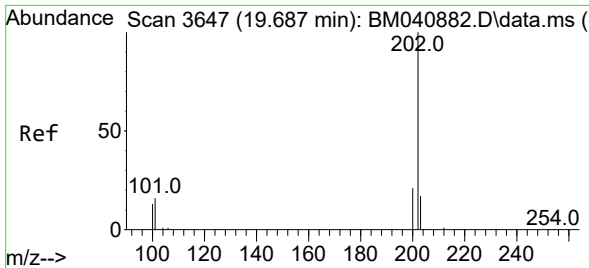
Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/17/2023



#19
 Fluoranthene
 Concen: 0.376 ng/ul
 RT: 19.315 min Scan# 3567
 Delta R.T. -0.009 min
 Lab File: BM040897.D
 Acq: 15 Jul 2023 02:29

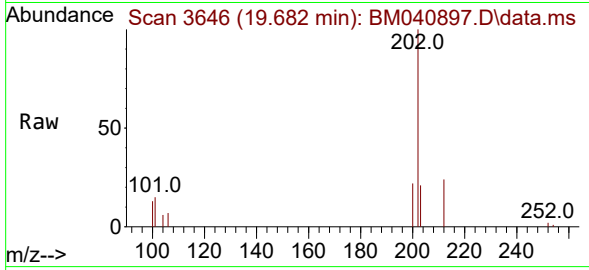
Tgt Ion:202 Resp: 12469
 Ion Ratio Lower Upper
 202 100
 101 14.9 11.4 17.0
 100 11.1 8.7 13.1





#20
 Pyrene
 Concen: 0.334 ng/ul m
 RT: 19.682 min Scan# 30
 Delta R.T. -0.005 min
 Lab File: BM040897.D
 Acq: 15 Jul 2023 02:29

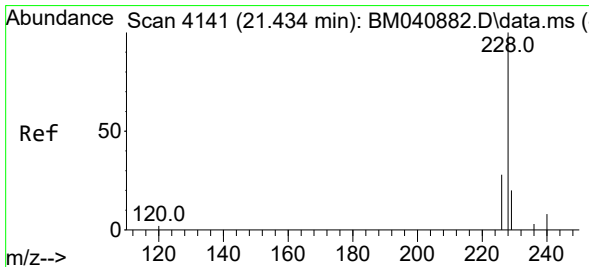
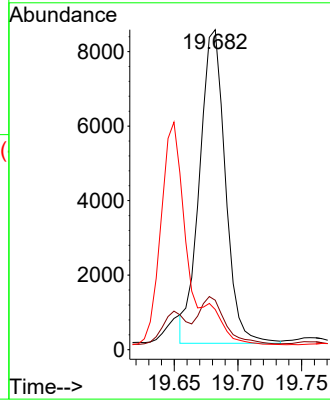
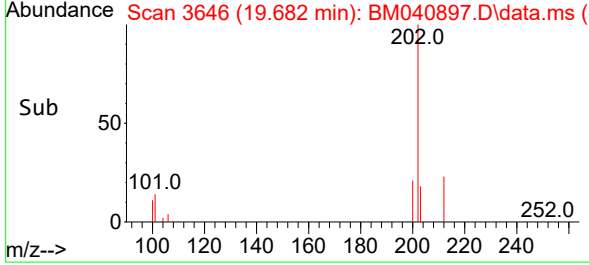
Instrument :
 BNA_M
 ClientSampleId :
 A46G9



Tgt Ion:202 Resp: 1187
 Ion Ratio Lower Upper
 202 100
 101 15.4 12.6 18.8
 100 12.5 9.8 14.6

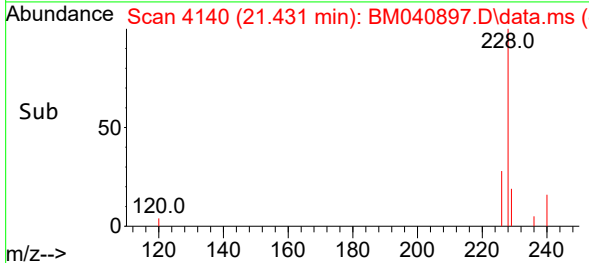
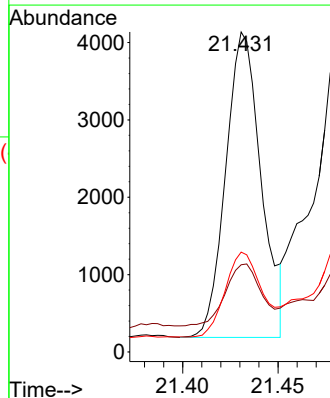
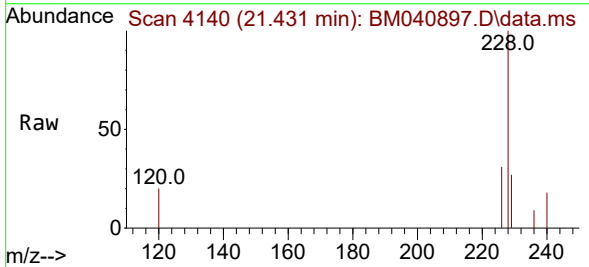
Manual Integrations
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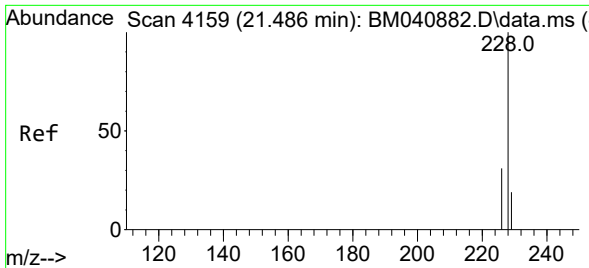
Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/17/2023



#21
 Benzo(a)anthracene
 Concen: 0.193 ng/ul
 RT: 21.431 min Scan# 4140
 Delta R.T. -0.003 min
 Lab File: BM040897.D
 Acq: 15 Jul 2023 02:29

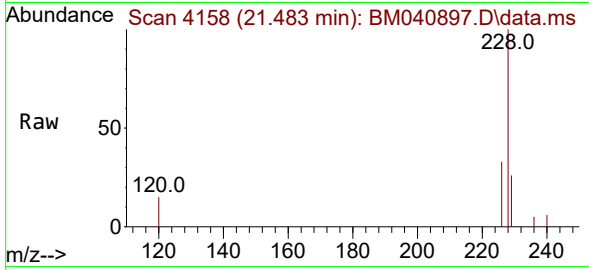
Tgt Ion:228 Resp: 5097
 Ion Ratio Lower Upper
 228 100
 229 27.2 16.0 24.0#
 226 31.2 22.3 33.5





#22
 Chrysene
 Concen: 0.237 ng/u1
 RT: 21.483 min Scan# 4158
 Delta R.T. -0.003 min
 Lab File: BM040897.D
 Acq: 15 Jul 2023 02:29

Instrument :
 BNA_M
 ClientSampleId :
 A46G9

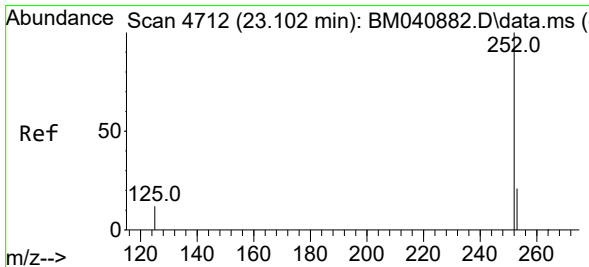
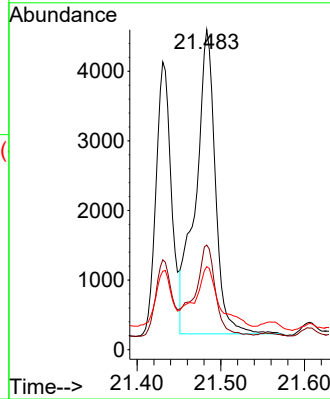
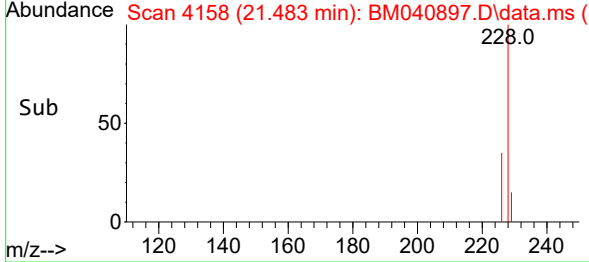


Tgt Ion:228 Resp: 7150

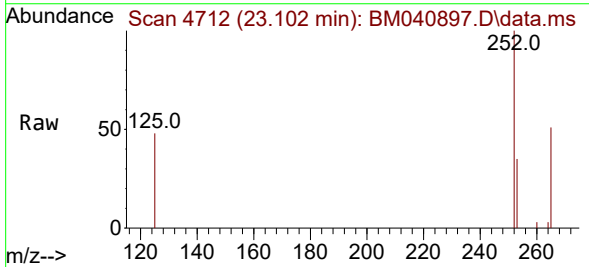
Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.9	37.3
229	25.9	15.8	23.6

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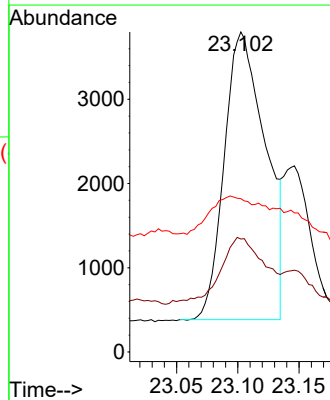
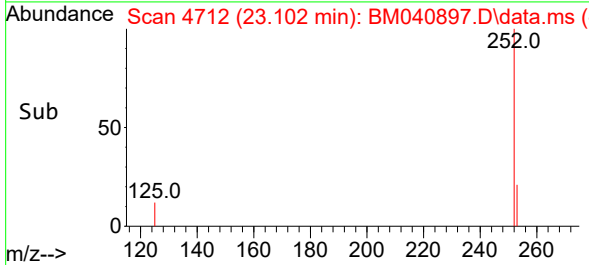


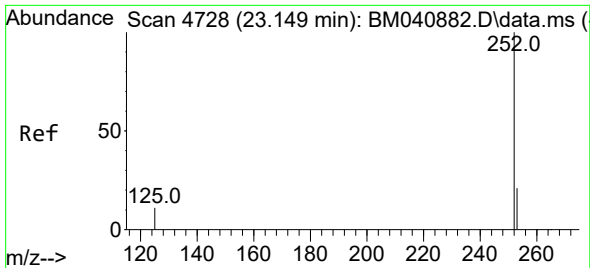
#24
 Benzo(b)fluoranthene
 Concen: 0.272 ng/u1
 RT: 23.102 min Scan# 4712
 Delta R.T. -0.000 min
 Lab File: BM040897.D
 Acq: 15 Jul 2023 02:29



Tgt Ion:252 Resp: 8021

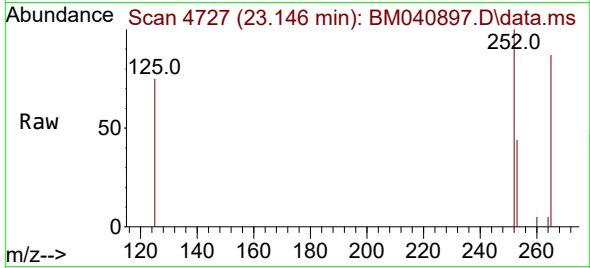
Ion	Ratio	Lower	Upper
252	100		
253	35.3	0.0	52.8
125	47.9	0.0	43.0





#25
 Benzo(k)fluoranthene
 Concen: 0.101 ng/ul m
 RT: 23.146 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: BM040897.D
 Acq: 15 Jul 2023 02:29

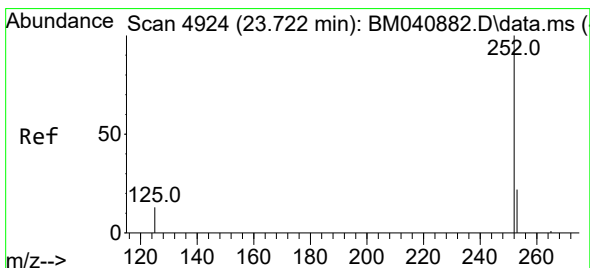
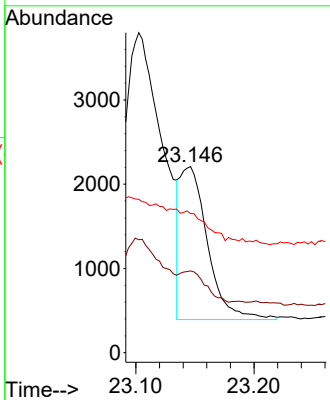
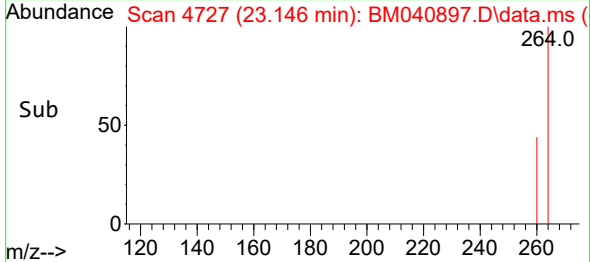
Instrument :
 BNA_M
 ClientSampleId :
 A46G9



Tgt Ion:252 Resp: 2938
 Ion Ratio Lower Upper
 252 100
 253 44.0 21.2 31.8#
 125 74.7 16.4 24.6#

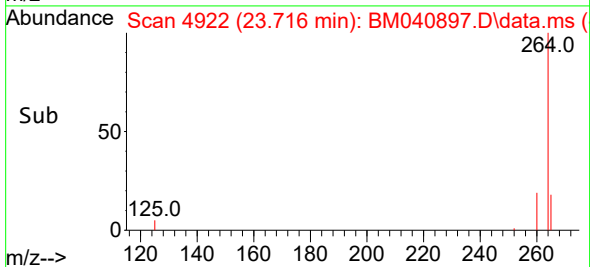
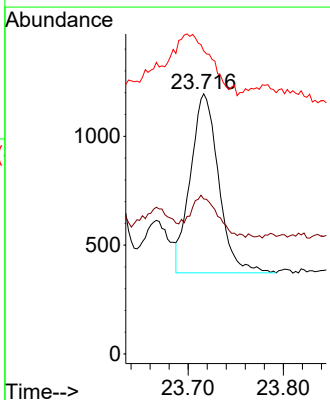
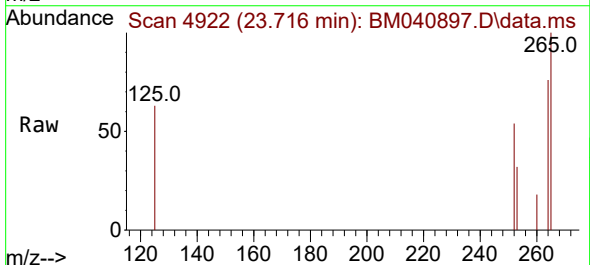
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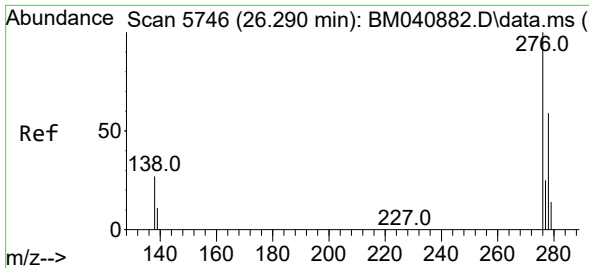
Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/17/2023



#26
 Benzo(a)pyrene
 Concen: 0.063 ng/ul
 RT: 23.716 min Scan# 4922
 Delta R.T. -0.006 min
 Lab File: BM040897.D
 Acq: 15 Jul 2023 02:29

Tgt Ion:252 Resp: 1683
 Ion Ratio Lower Upper
 252 100
 253 59.6 22.9 34.3#
 125 116.5 21.0 31.4#





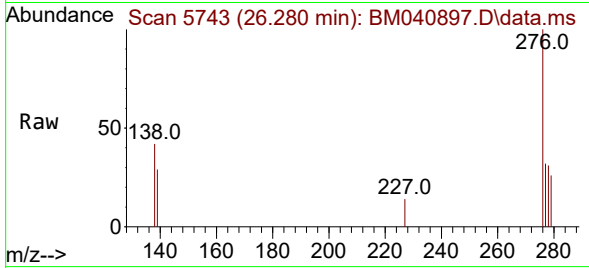
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.078 ng/ul
 RT: 26.280 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: BM040897.D
 Acq: 15 Jul 2023 02:29

Instrument :

BNA_M

ClientSampleId :

A46G9

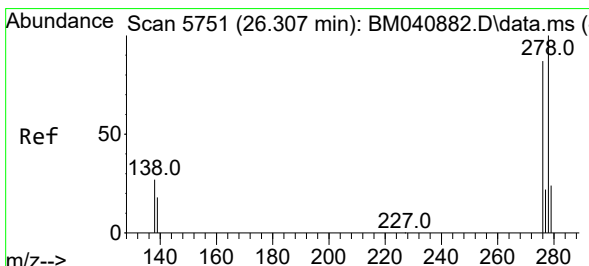
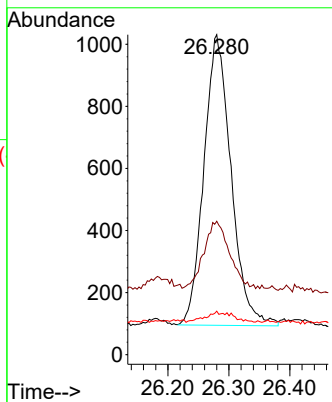
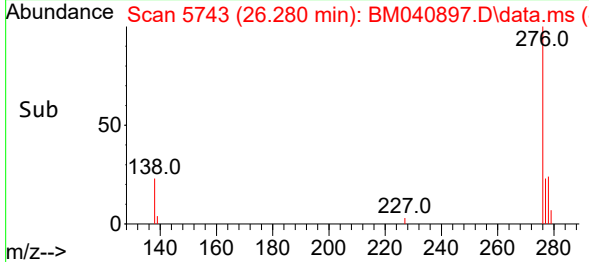


Tgt Ion:276 Resp: 289
 Ion Ratio Lower Upper
 276 100
 138 22.0 24.5 36.7
 227 3.7 0.1 0.1

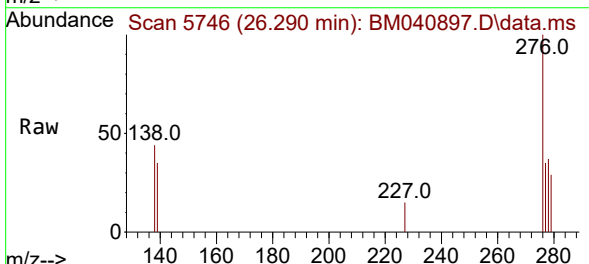
Manual Integrations

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#28
 Dibenzo(a,h)anthracene
 Concen: 0.032 ng/ul
 RT: 26.290 min Scan# 5746
 Delta R.T. -0.017 min
 Lab File: BM040897.D
 Acq: 15 Jul 2023 02:29



Tgt Ion:278 Resp: 930
 Ion Ratio Lower Upper
 278 100
 139 95.8 17.9 26.9#
 279 78.5 22.0 33.0#

