

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
 Data File : BM041801.D
 Acq On : 12 Sep 2023 05:25
 Operator : MA/JU
 Sample : 04175-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYG6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/13/2023

Quant Time: Sep 12 05:55:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 04:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	6692	0.400	ng/ul	0.00
4) Naphthalene-d8	10.795	136	16619	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.624	164	7577	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.375	188	15407	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.542	240	7696	0.400	ng/ul	# 0.00
23) Perylene-d12	23.965	264	8798	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	36028	3.523	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.379	152	7139	0.334	ng/ul	0.00
18) Fluoranthene-d10	19.403	212	10472	0.281	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.845	128	1786	0.033	ng/ul#	80
7) 2-Methylnaphthalene	12.451	142	1563	0.050	ng/ul	99
8) 1-Methylnaphthalene	12.671	142	747	0.024	ng/ul	99
15) Phenanthrene	17.417	178	7172	0.110	ng/ul#	83
19) Fluoranthene	19.436	202	22403	0.247	ng/ul#	94
20) Pyrene	19.794	202	17343m	0.192	ng/ul	
21) Benzo(a)anthracene	21.527	228	8246	0.131	ng/ul#	68
22) Chrysene	21.580	228	16776	0.248	ng/ul#	78
24) Benzo(b)fluoranthene	23.219	252	25443	0.323	ng/ul#	1
25) Benzo(k)fluoranthene	23.266	252	7561m	0.098	ng/ul	
26) Benzo(a)pyrene	23.860	252	12266	0.192	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.468	276	15122	0.172	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.485	278	3360	0.055	ng/ul#	1
29) Benzo(g,h,i)perylene	27.249	276	16434	0.211	ng/ul#	33

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

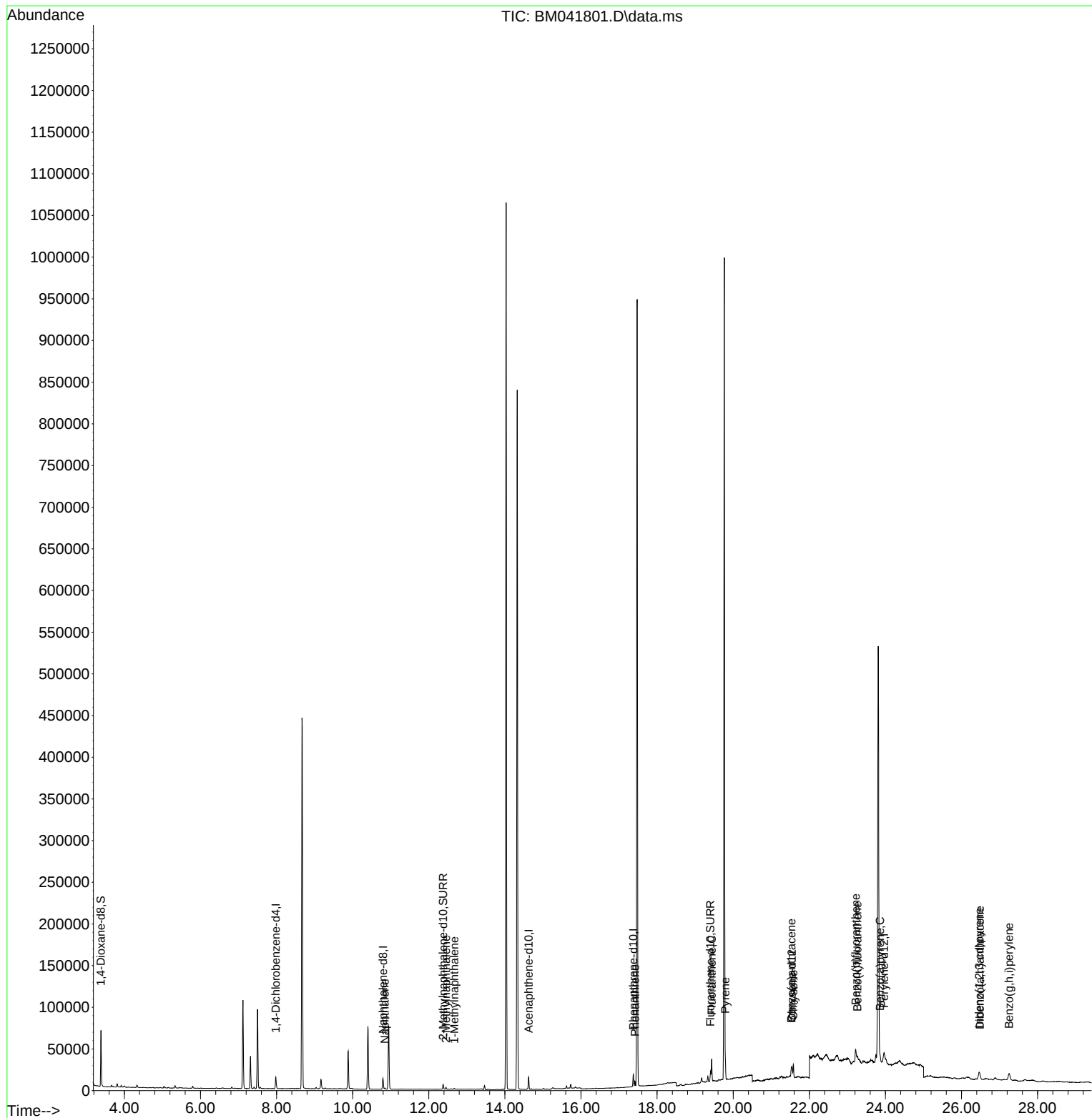
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
Data File : BM041801.D
Acq On : 12 Sep 2023 05:25
Operator : MA/JU
Sample : 04175-02
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ALS Vial : 26 Sample Multiplier: 1

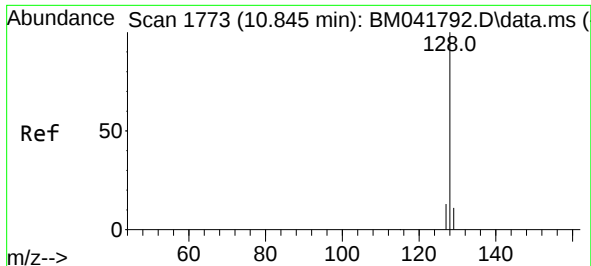
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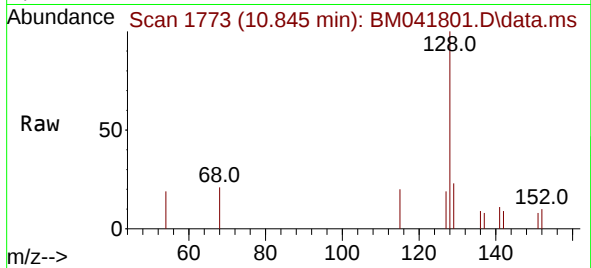
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 04:50:34 2023
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#5
Naphthalene
Concen: 0.033 ng/ul
RT: 10.845 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BM041801.D
Acq: 12 Sep 2023 05:25

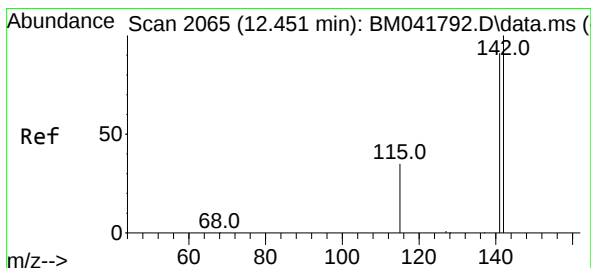
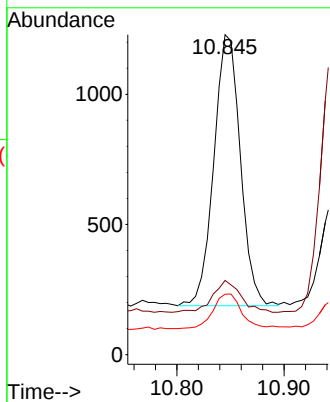
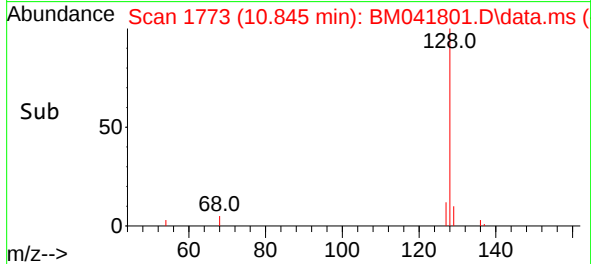
Instrument :
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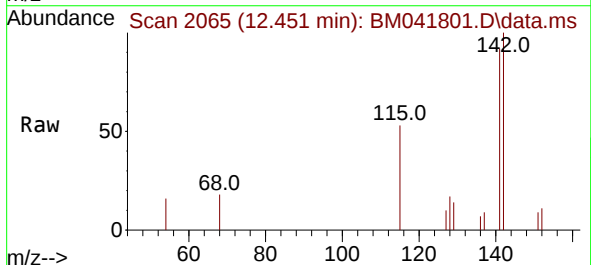
Tgt Ion:128 Resp: 1780
Ion Ratio Lower Upper
128 100
129 23.2 9.4 14.0
127 18.9 11.0 16.6

Manual Integrations
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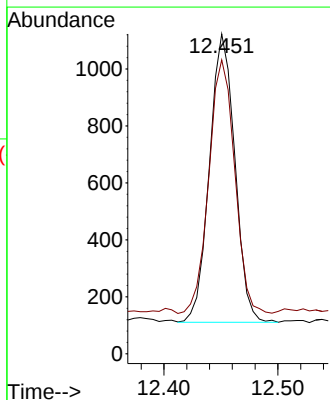
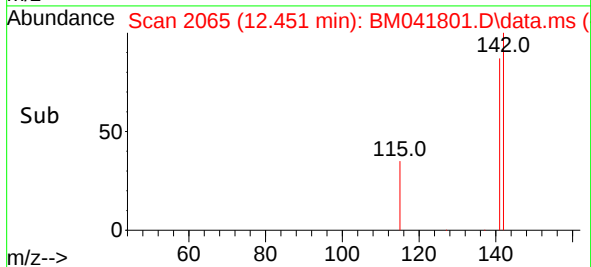
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

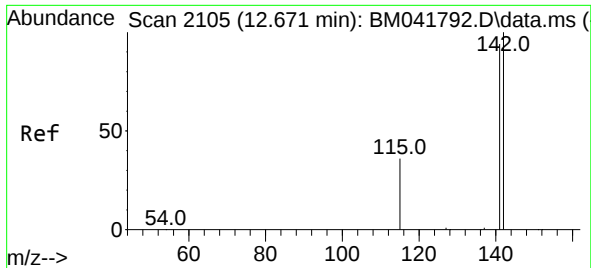


#7
2-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.451 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BM041801.D
Acq: 12 Sep 2023 05:25



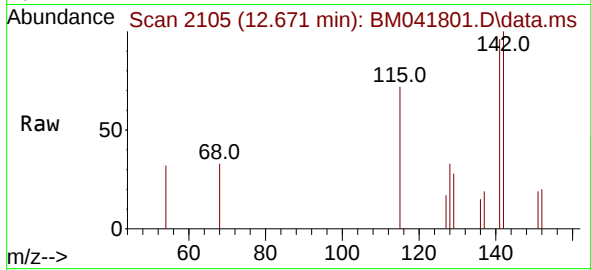
Tgt Ion:142 Resp: 1563
Ion Ratio Lower Upper
142 100
141 89.7 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.671 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BM041801.D
Acq: 12 Sep 2023 05:25

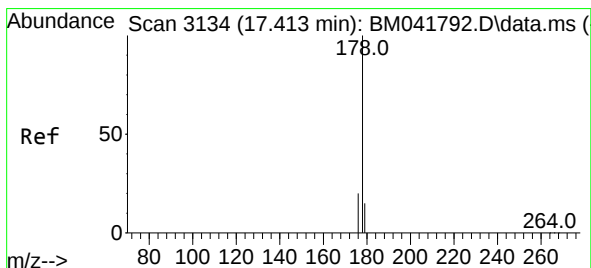
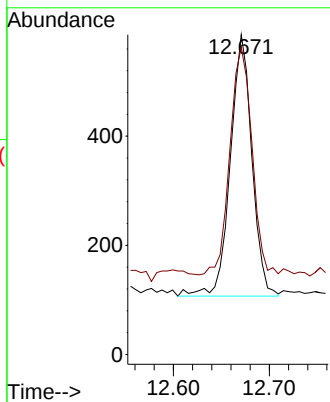
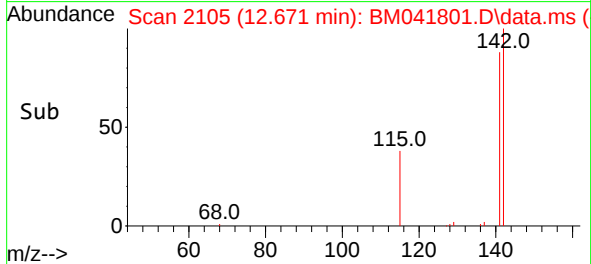
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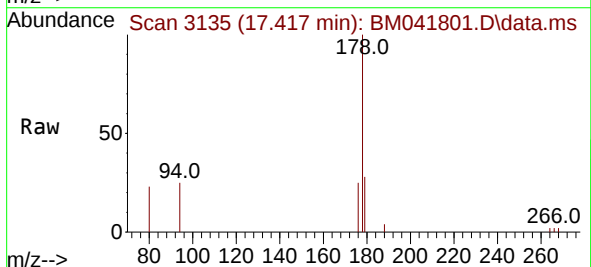
Tgt Ion:142 Resp: 74.4
Ion Ratio Lower Upper
142 100
141 91.6 74.4 111.6

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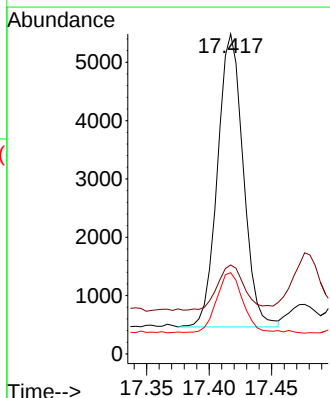
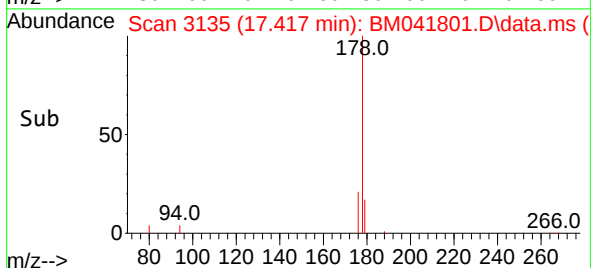
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

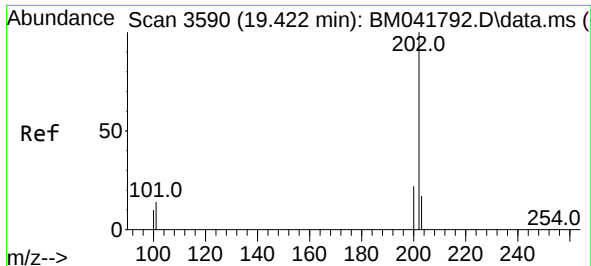


#15
Phenanthrene
Concen: 0.110 ng/ul
RT: 17.417 min Scan# 3135
Delta R.T. 0.004 min
Lab File: BM041801.D
Acq: 12 Sep 2023 05:25



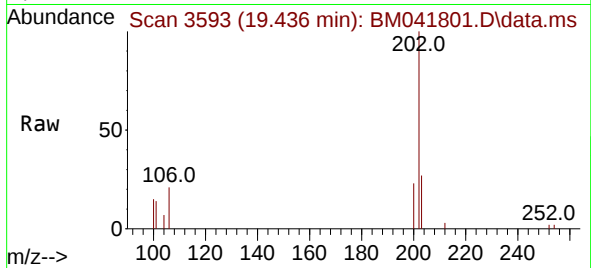
Tgt Ion:178 Resp: 7172
Ion Ratio Lower Upper
178 100
179 27.8 12.9 19.3#
176 25.4 16.9 25.3#





#19
Fluoranthene
Concen: 0.247 ng/ul
RT: 19.436 min Scan# 3593
Delta R.T. 0.014 min
Lab File: BM041801.D
Acq: 12 Sep 2023 05:25

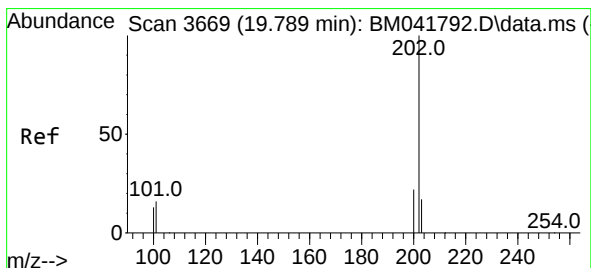
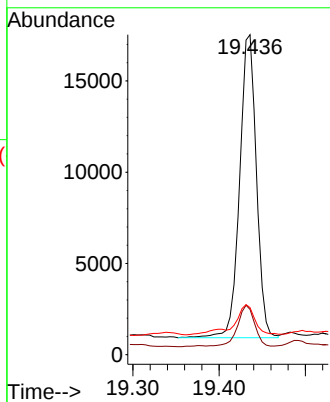
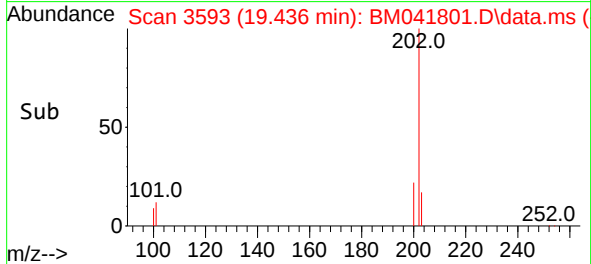
Instrument :
BNA_M
ClientSampleId :
EZYG6



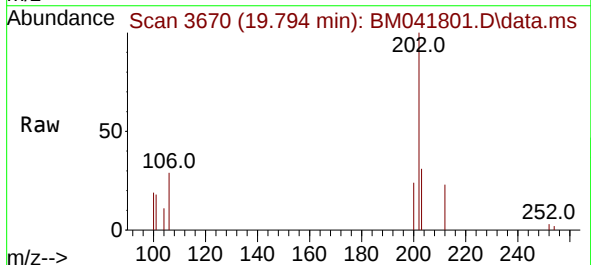
Tgt Ion:202 Resp: 2240
Ion Ratio Lower Upper
202 100
101 14.2 10.5 15.7
100 14.7 8.4 12.6

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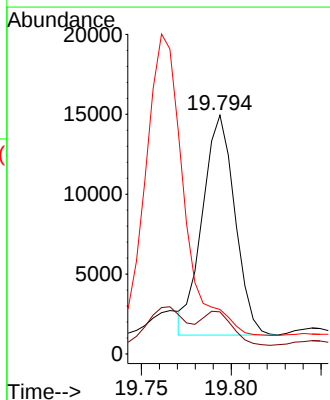
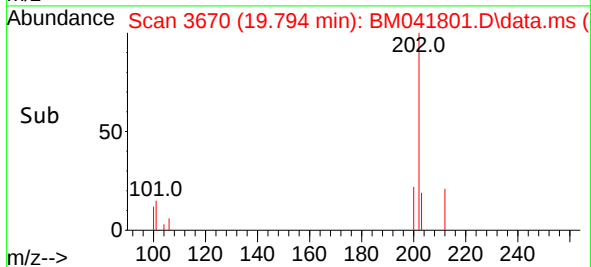
Reviewed By :Yogesh Patel 09/12/2023
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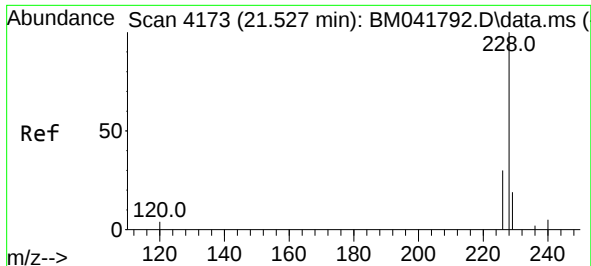


#20
Pyrene
Concen: 0.192 ng/ul m
RT: 19.794 min Scan# 3670
Delta R.T. 0.005 min
Lab File: BM041801.D
Acq: 12 Sep 2023 05:25



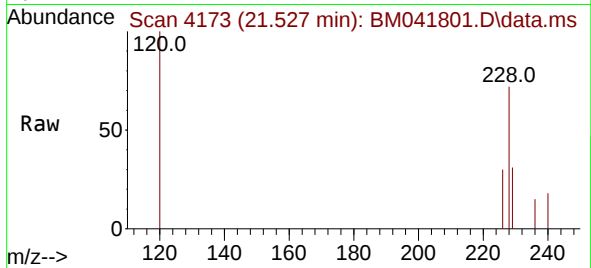
Tgt Ion:202 Resp: 17343
Ion Ratio Lower Upper
202 100
101 17.6 11.8 17.8
100 18.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.131 ng/ul
RT: 21.527 min Scan# 4173
Delta R.T. -0.000 min
Lab File: BM041801.D
Acq: 12 Sep 2023 05:25

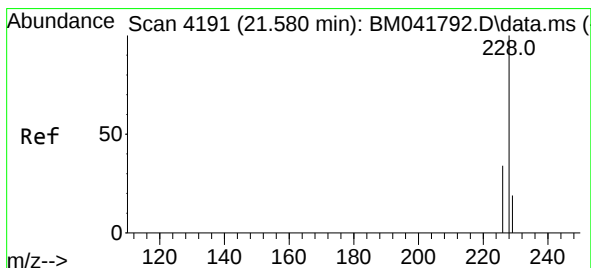
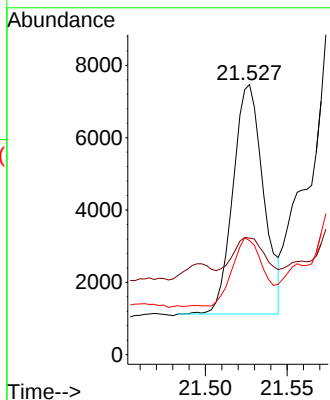
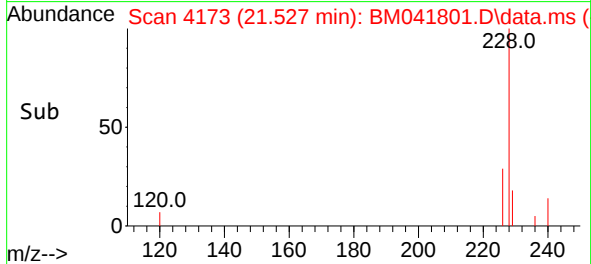
Instrument :
BNA_M
ClientSampleId :
EZYG6



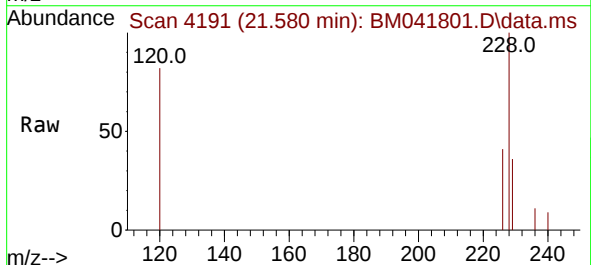
Tgt Ion:228 Resp: 8240
Ion Ratio Lower Upper
228 100
229 43.2 15.8 23.6#
226 42.3 24.8 37.2#

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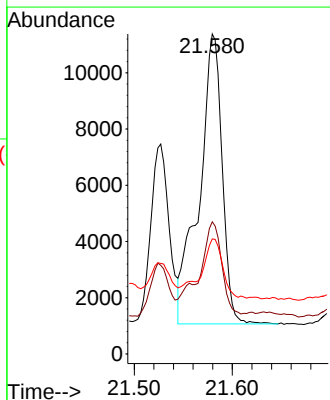
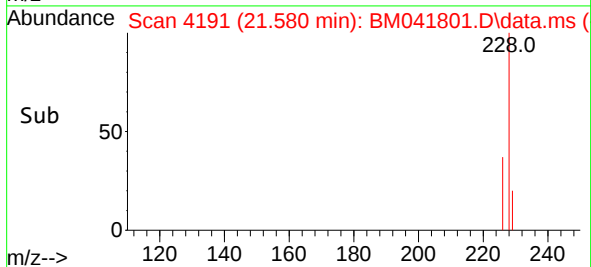
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Supervised By :mohammad ahmed 09/13/2023

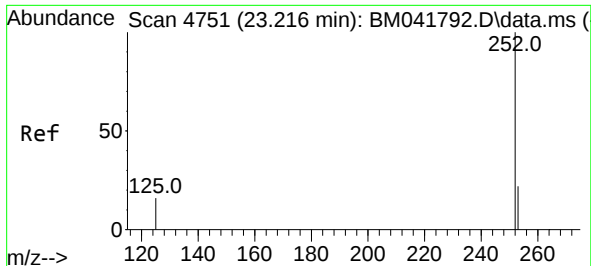


#22
Chrysene
Concen: 0.248 ng/ul
RT: 21.580 min Scan# 4191
Delta R.T. -0.000 min
Lab File: BM041801.D
Acq: 12 Sep 2023 05:25



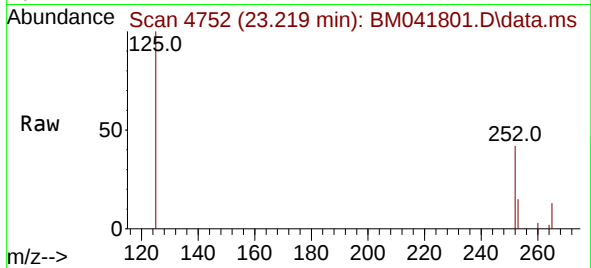
Tgt Ion:228 Resp: 16776
Ion Ratio Lower Upper
228 100
226 41.3 27.0 40.6#
229 35.9 15.4 23.2#





#24
Benzo(b)fluoranthene
Concen: 0.323 ng/ul
RT: 23.219 min Scan# 4752
Delta R.T. 0.003 min
Lab File: BM041801.D
Acq: 12 Sep 2023 05:25

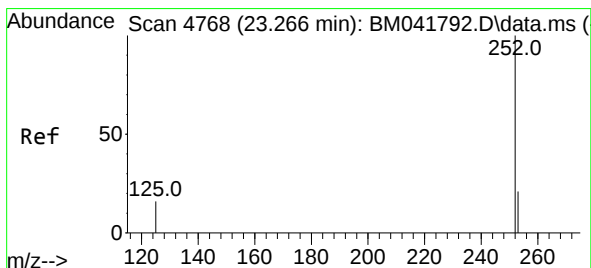
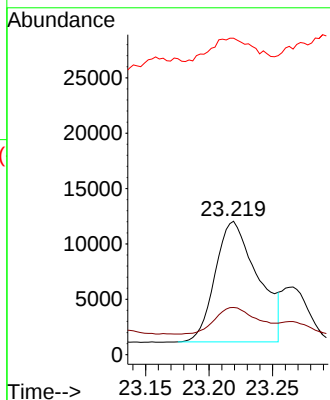
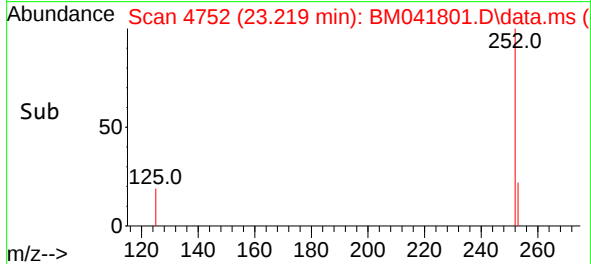
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Tgt Ion:252 Resp: 2544
Ion Ratio Lower Upper
252 100
253 35.3 0.0 52.4
125 237.3 0.0 42.8

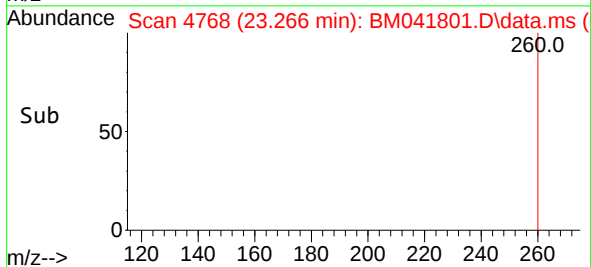
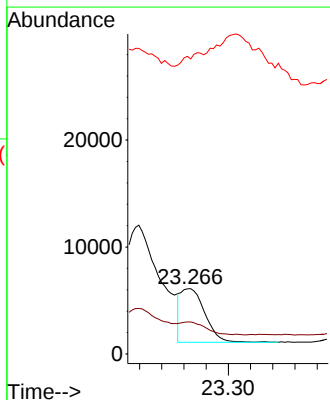
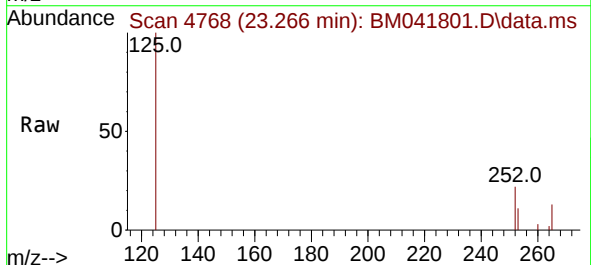
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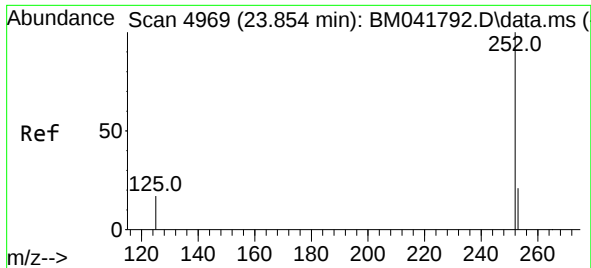
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#25
Benzo(k)fluoranthene
Concen: 0.098 ng/ul m
RT: 23.266 min Scan# 4768
Delta R.T. -0.000 min
Lab File: BM041801.D
Acq: 12 Sep 2023 05:25

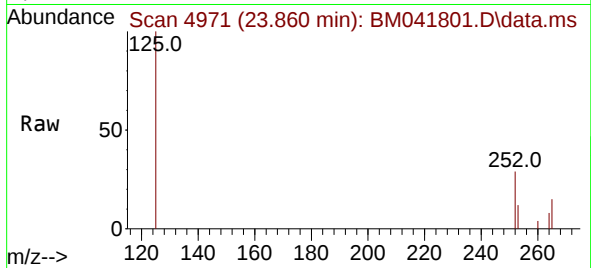
Tgt Ion:252 Resp: 7561
Ion Ratio Lower Upper
252 100
253 49.0 21.3 31.9#
125 451.9 17.4 26.0#





#26
Benzo(a)pyrene
Concen: 0.192 ng/ul
RT: 23.860 min Scan# 4971
Delta R.T. 0.006 min
Lab File: BM041801.D
Acq: 12 Sep 2023 05:25

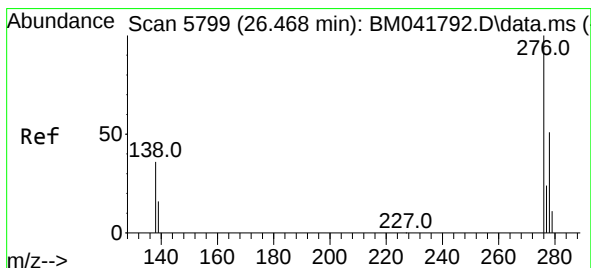
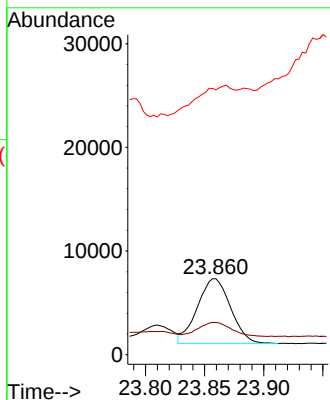
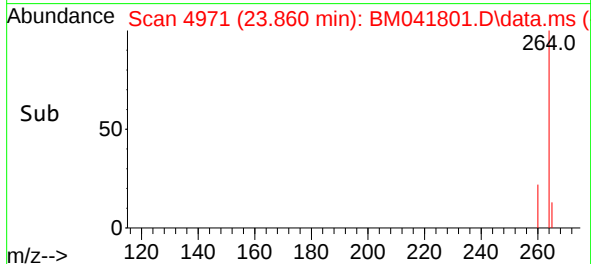
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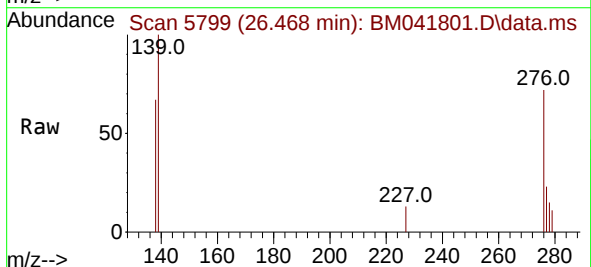
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Ion Ratio Lower Upper
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253 42.4 22.4 33.6#
125 348.5 21.0 31.4#

Manual Integrations
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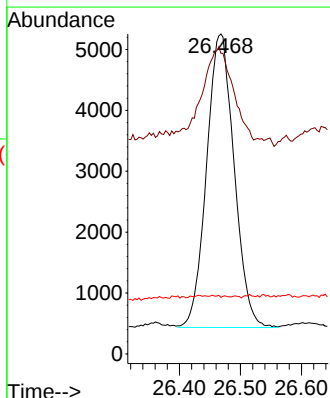
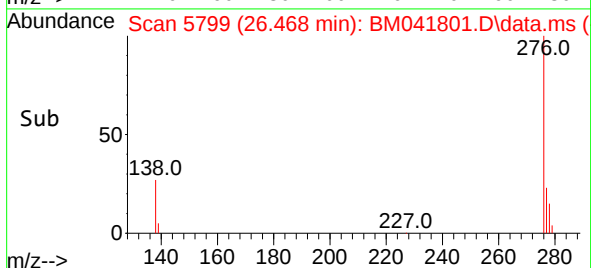
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Supervised By :mohammad ahmed 09/13/2023

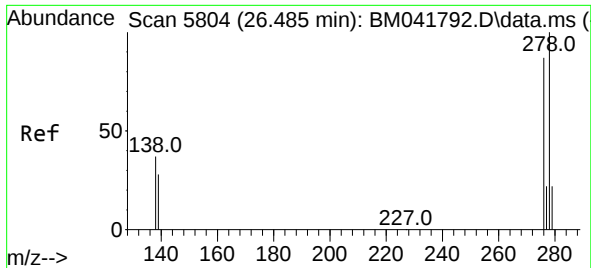


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.172 ng/ul
RT: 26.468 min Scan# 5799
Delta R.T. -0.000 min
Lab File: BM041801.D
Acq: 12 Sep 2023 05:25



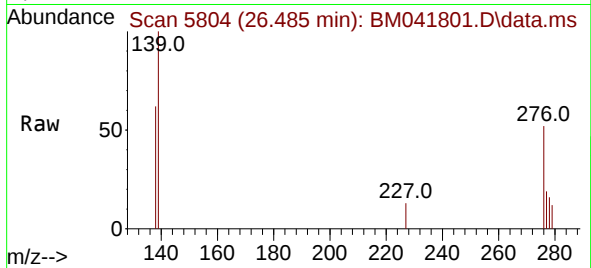
Tgt Ion:276 Resp: 15122
Ion Ratio Lower Upper
276 100
138 39.7 26.4 39.6#
227 1.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.055 ng/ul
RT: 26.485 min Scan# 5804
Delta R.T. -0.000 min
Lab File: BM041801.D
Acq: 12 Sep 2023 05:25

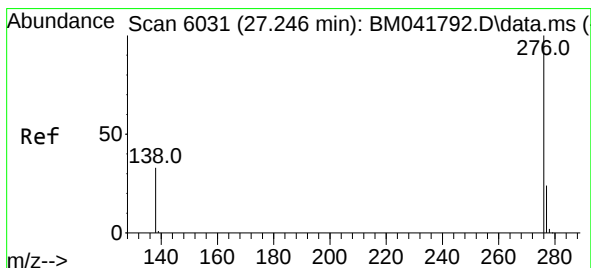
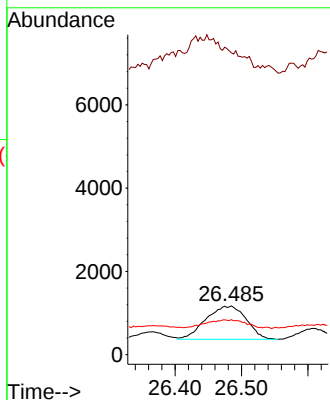
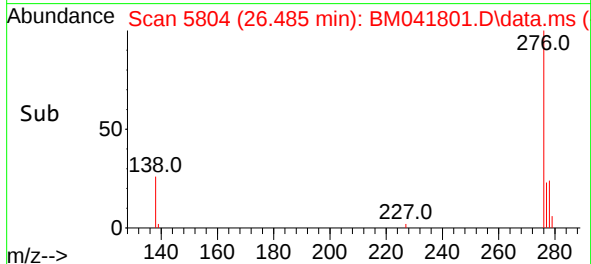
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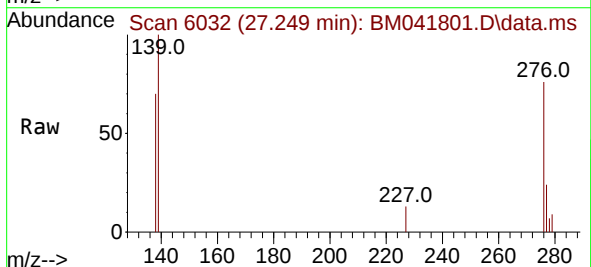
Tgt Ion:278 Resp: 3360
Ion Ratio Lower Upper
278 100
139 619.2 23.0 34.6#
279 71.8 22.9 34.3#

Manual Integrations
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Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#29
Benzo(g,h,i)perylene
Concen: 0.211 ng/ul
RT: 27.249 min Scan# 6032
Delta R.T. 0.003 min
Lab File: BM041801.D
Acq: 12 Sep 2023 05:25



Tgt Ion:276 Resp: 16434
Ion Ratio Lower Upper
276 100
138 92.1 25.0 37.4#
277 31.8 20.2 30.2#

