

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
 Data File : BM041802.D
 Acq On : 12 Sep 2023 06:01
 Operator : MA/JU
 Sample : 04175-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYG7

Manual Integrations
 APPROVED

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

Quant Time: Sep 12 07:39:50 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	5391	0.400	ng/ul	0.00
4) Naphthalene-d8	10.796	136	13233	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.624	164	6577	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.375	188	12521	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.547	240	6123	0.400	ng/ul	# 0.00
23) Perylene-d12	23.974	264	9000	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	11237	1.364	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.379	152	2324	0.136	ng/ul	0.00
18) Fluoranthene-d10	19.399	212	3469	0.117	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.845	128	141420	3.254	ng/ul	98
7) 2-Methylnaphthalene	12.451	142	68859	2.791	ng/ul	99
8) 1-Methylnaphthalene	12.671	142	47010	1.897	ng/ul	99
10) Acenaphthylene	14.351	152	18275	0.450	ng/ul#	90
11) Acenaphthene	14.685	153	49724	1.574	ng/ul	98
12) Fluorene	15.670	166	80308	2.266	ng/ul	99
15) Phenanthrene	17.417	178	742672	14.047	ng/ul	99
16) Anthracene	17.506	178	163899	3.618	ng/ul	99
19) Fluoranthene	19.427	202	837023	11.582	ng/ul	99
20) Pyrene	19.794	202	715713	9.971	ng/ul	99
21) Benzo(a)anthracene	21.530	228	302332	6.054	ng/ul	96
22) Chrysene	21.585	228	359107	6.665	ng/ul#	95
24) Benzo(b)fluoranthene	23.228	252	454664	5.646	ng/ul	94
25) Benzo(k)fluoranthene	23.272	252	137857m	1.749	ng/ul	
26) Benzo(a)pyrene	23.865	252	315399	4.820	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.478	276	242306	2.699	ng/ul	92
28) Dibenzo(a,h)anthracene	26.491	278	62793	0.998	ng/ul#	79
29) Benzo(g,h,i)perylene	27.266	276	237014	2.980	ng/ul	98

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

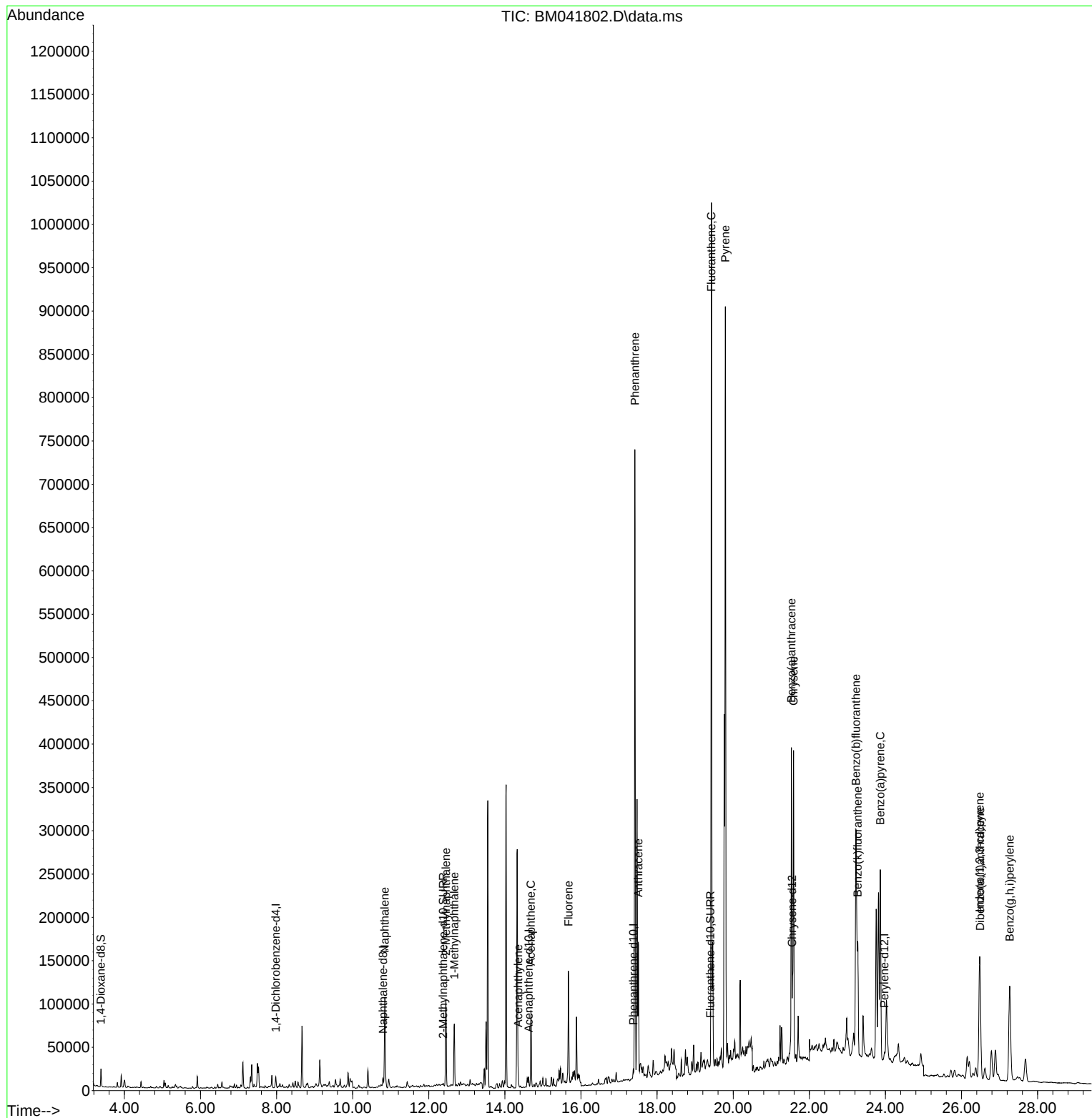
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
Data File : BM041802.D
Acq On : 12 Sep 2023 06:01
Operator : MA/JU
Sample : 04175-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

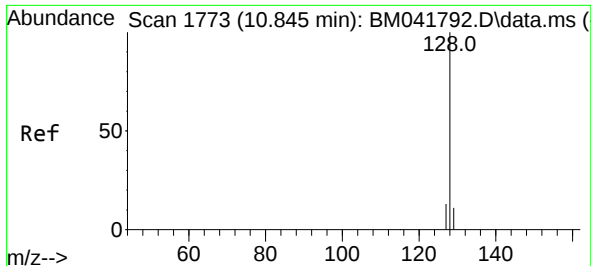
Instrument :
BNA_M
ClientSampleId :
EZYG7

Quant Time: Sep 12 07:39:50 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

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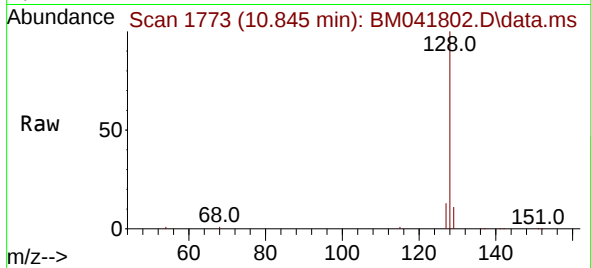
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023





#5
Naphthalene
Concen: 3.254 ng/ul
RT: 10.845 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BM041802.D
Acq: 12 Sep 2023 06:01

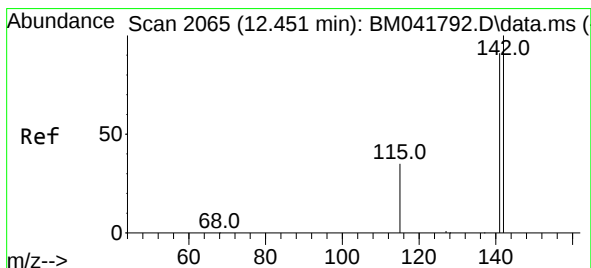
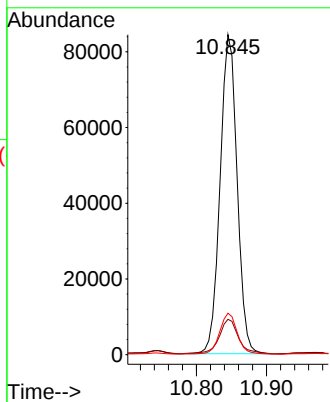
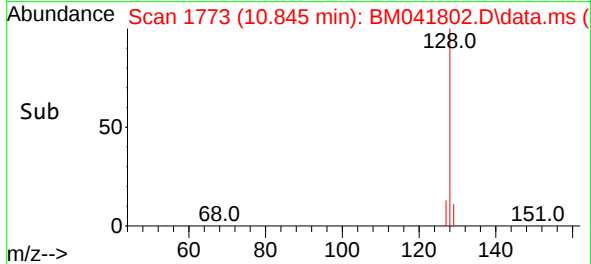
Instrument :
BNA_M
ClientSampleId :
EZYG7



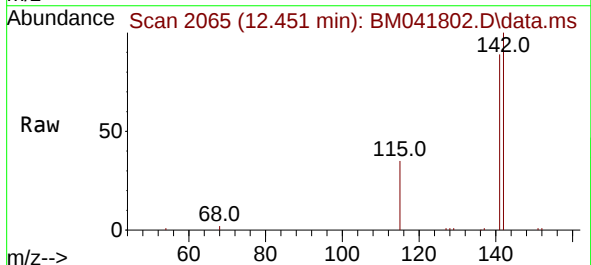
Tgt Ion:128 Resp: 141420
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.0
127 12.9 11.0 16.6

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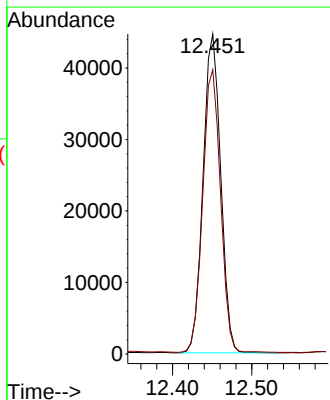
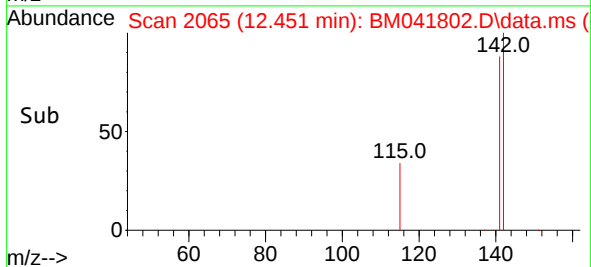
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

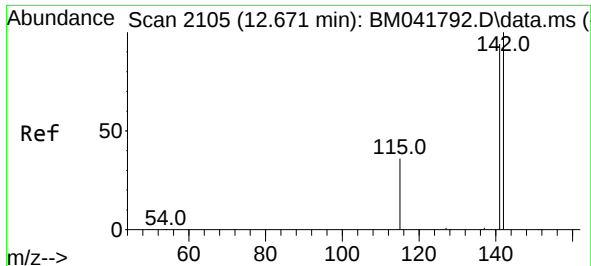


#7
2-Methylnaphthalene
Concen: 2.791 ng/ul
RT: 12.451 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BM041802.D
Acq: 12 Sep 2023 06:01



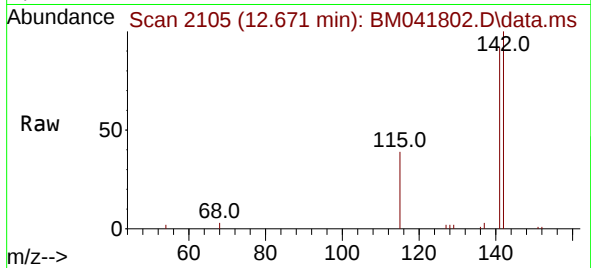
Tgt Ion:142 Resp: 68859
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.2





#8
1-Methylnaphthalene
Concen: 1.897 ng/ul
RT: 12.671 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BM041802.D
Acq: 12 Sep 2023 06:01

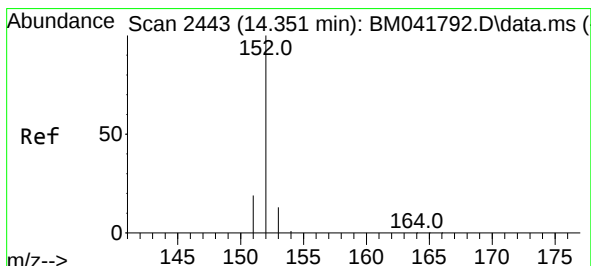
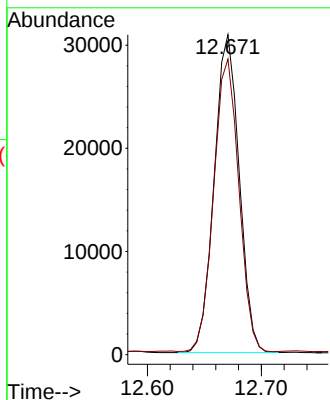
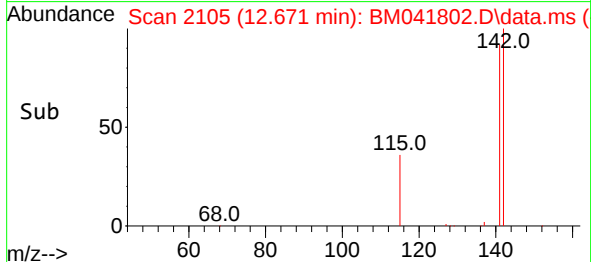
Instrument :
BNA_M
ClientSampleId :
EZYG7



Tgt Ion:142 Resp: 47010
Ion Ratio Lower Upper
142 100
141 92.4 74.4 111.6

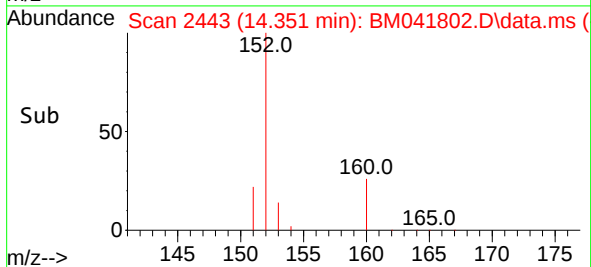
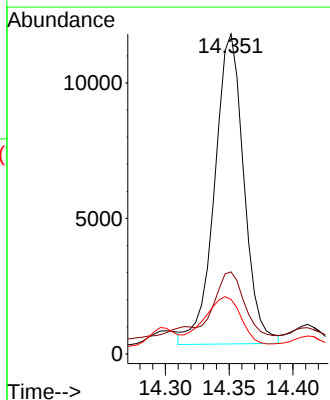
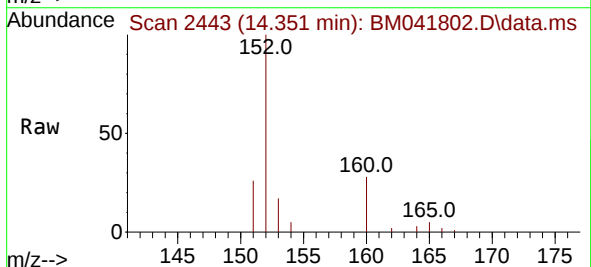
Manual Integrations
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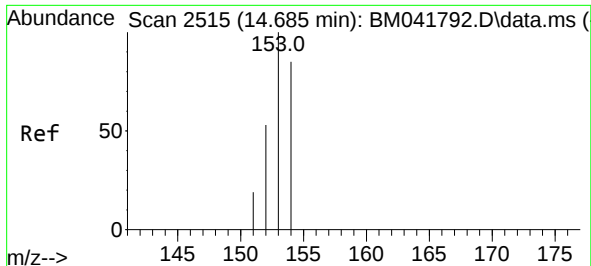
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#10
Acenaphthylene
Concen: 0.450 ng/ul
RT: 14.351 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BM041802.D
Acq: 12 Sep 2023 06:01

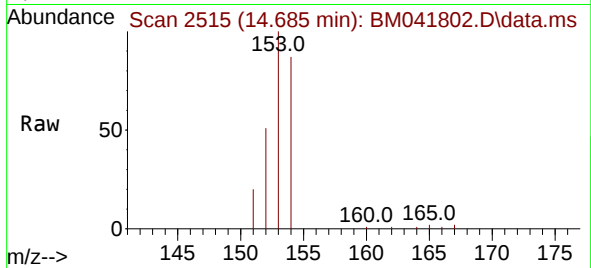
Tgt Ion:152 Resp: 18275
Ion Ratio Lower Upper
152 100
151 25.7 16.4 24.6#
153 17.1 11.1 16.7#





#11
Acenaphthene
Concen: 1.574 ng/u1
RT: 14.685 min Scan# 215
Delta R.T. -0.000 min
Lab File: BM041802.D
Acq: 12 Sep 2023 06:01

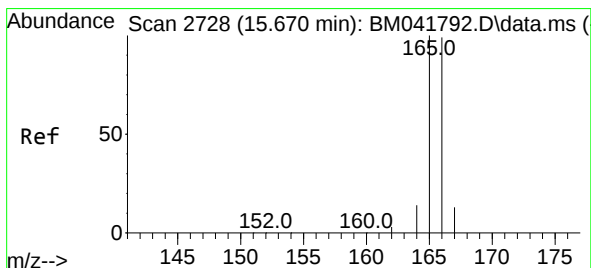
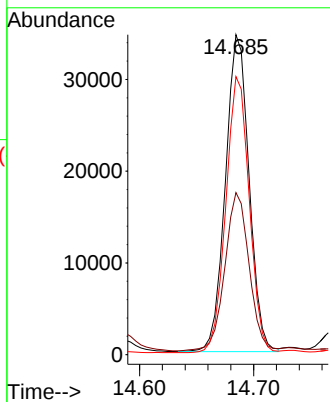
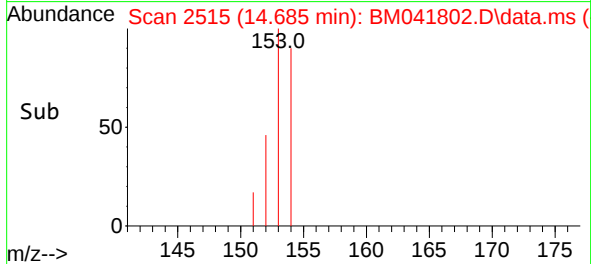
Instrument :
BNA_M
ClientSampleId :
EZYG7



Tgt Ion:153 Resp: 49724
Ion Ratio Lower Upper
153 100
152 50.6 43.4 65.2
154 86.9 69.4 104.0

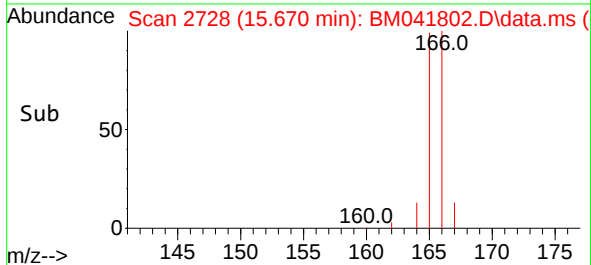
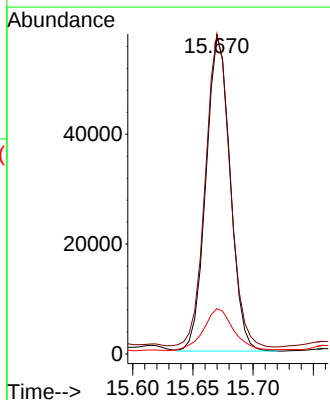
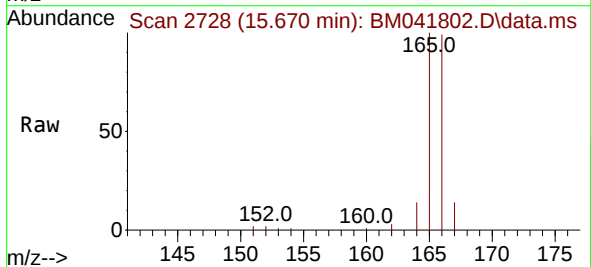
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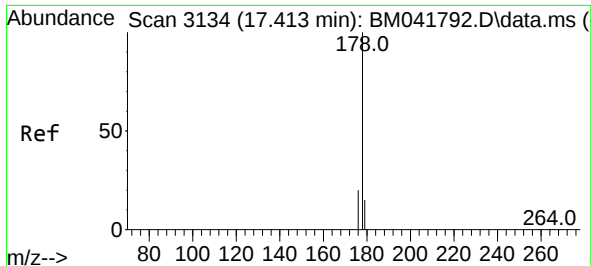
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#12
Fluorene
Concen: 2.266 ng/u1
RT: 15.670 min Scan# 2728
Delta R.T. -0.000 min
Lab File: BM041802.D
Acq: 12 Sep 2023 06:01

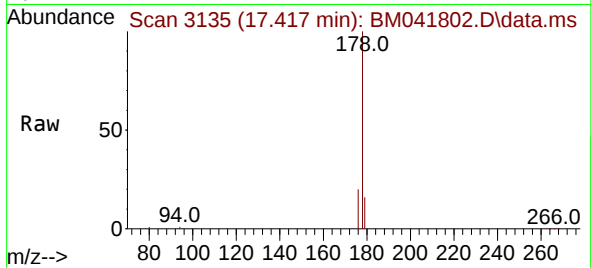
Tgt Ion:166 Resp: 80308
Ion Ratio Lower Upper
166 100
165 100.7 79.4 119.2
167 14.3 11.3 16.9





#15
Phenanthrene
Concen: 14.047 ng/ul
RT: 17.417 min Scan# 3113
Delta R.T. 0.004 min
Lab File: BM041802.D
Acq: 12 Sep 2023 06:01

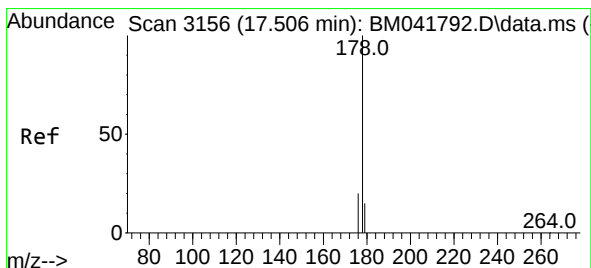
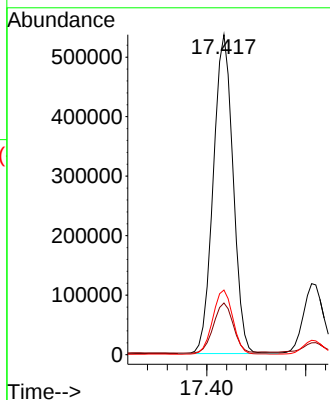
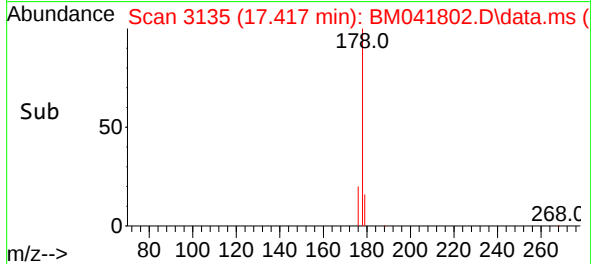
Instrument :
BNA_M
ClientSampleId :
EZYG7



Tgt Ion:178 Resp: 742672
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 20.2 16.9 25.3

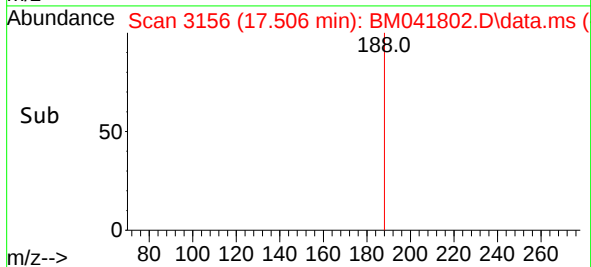
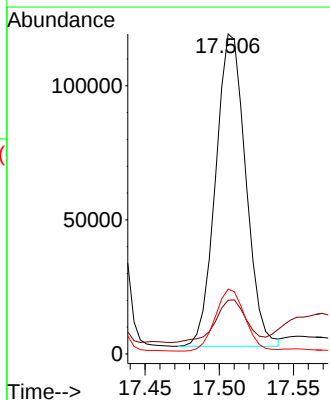
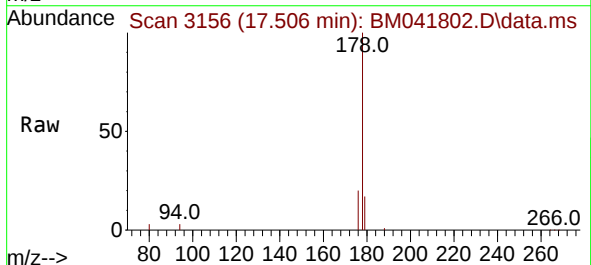
Manual Integrations
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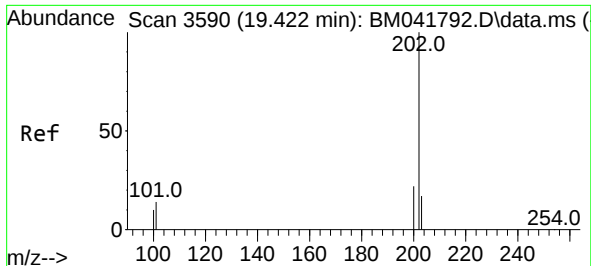
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#16
Anthracene
Concen: 3.618 ng/ul
RT: 17.506 min Scan# 3156
Delta R.T. -0.000 min
Lab File: BM041802.D
Acq: 12 Sep 2023 06:01

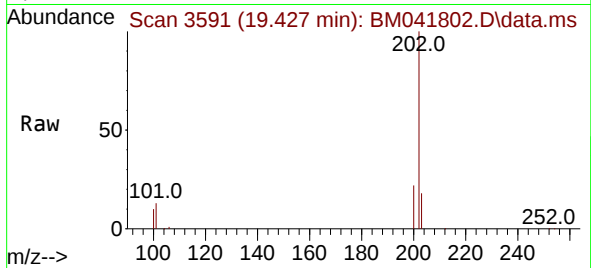
Tgt Ion:178 Resp: 163899
Ion Ratio Lower Upper
178 100
179 16.8 12.9 19.3
176 20.3 15.8 23.8





#19
Fluoranthene
Concen: 11.582 ng/u1
RT: 19.427 min Scan# 3590
Delta R.T. 0.005 min
Lab File: BM041802.D
Acq: 12 Sep 2023 06:01

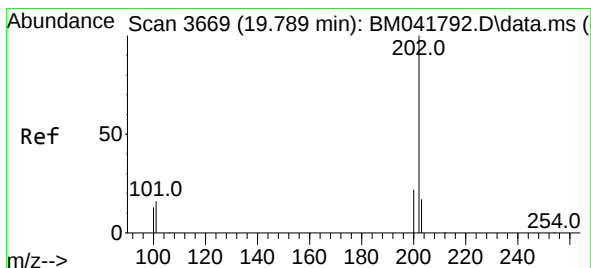
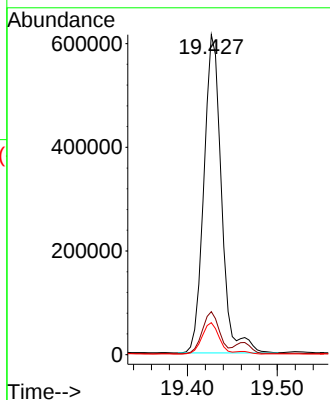
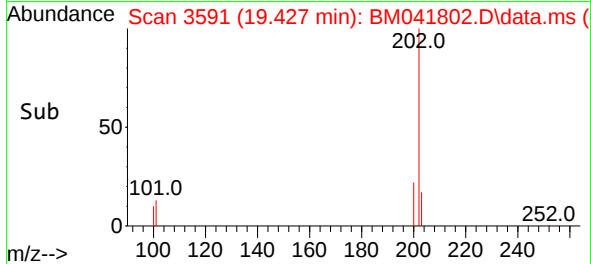
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BNA_M
ClientSampleId :
EZYG7



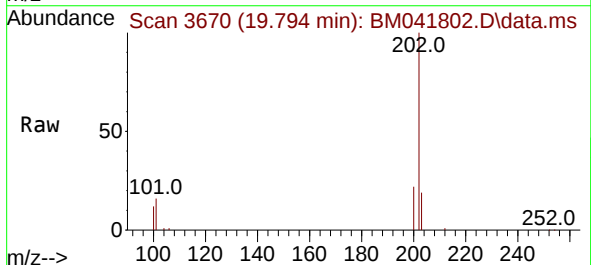
Tgt Ion:202 Resp: 837023
Ion Ratio Lower Upper
202 100
101 13.5 10.5 15.7
100 10.0 8.4 12.6

Manual Integrations
APPROVED

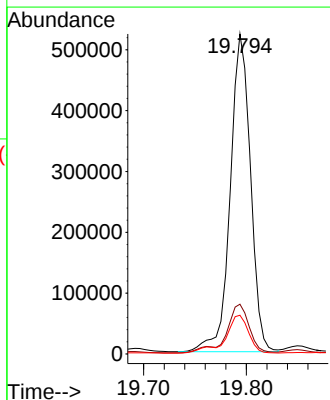
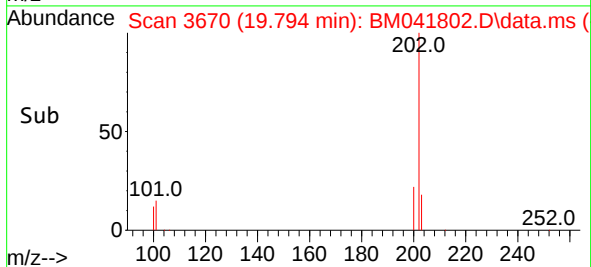
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

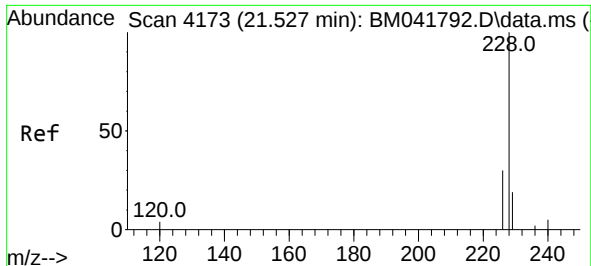


#20
Pyrene
Concen: 9.971 ng/u1
RT: 19.794 min Scan# 3670
Delta R.T. 0.005 min
Lab File: BM041802.D
Acq: 12 Sep 2023 06:01



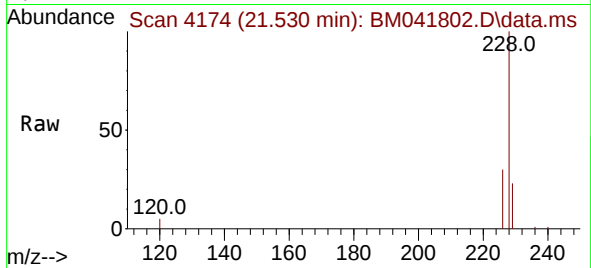
Tgt Ion:202 Resp: 715713
Ion Ratio Lower Upper
202 100
101 15.5 11.8 17.8
100 12.1 9.8 14.6





#21
Benzo(a)anthracene
Concen: 6.054 ng/uI
RT: 21.530 min Scan# 4173
Delta R.T. 0.003 min
Lab File: BM041802.D
Acq: 12 Sep 2023 06:01

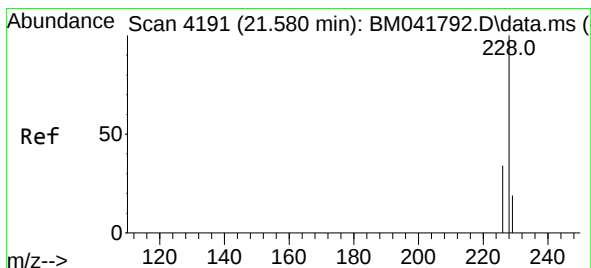
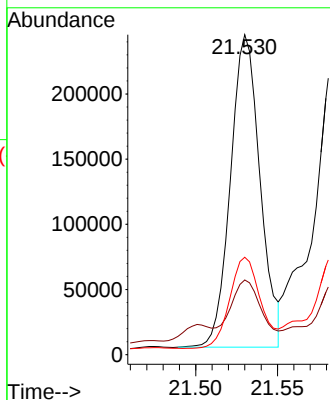
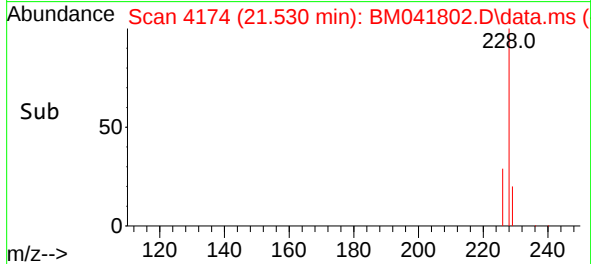
Instrument :
BNA_M
ClientSampleId :
EZYG7



Tgt Ion:228 Resp: 30233
Ion Ratio Lower Upper
228 100
229 23.4 15.8 23.6
226 30.5 24.8 37.2

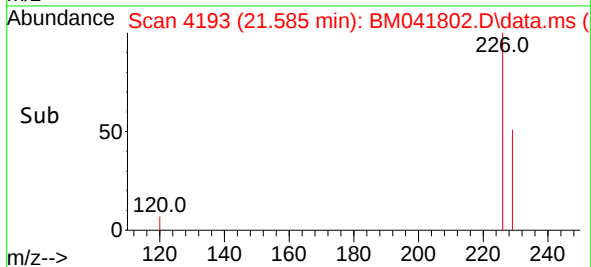
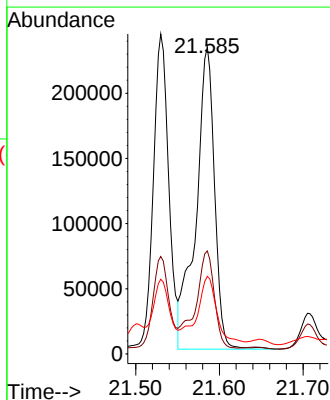
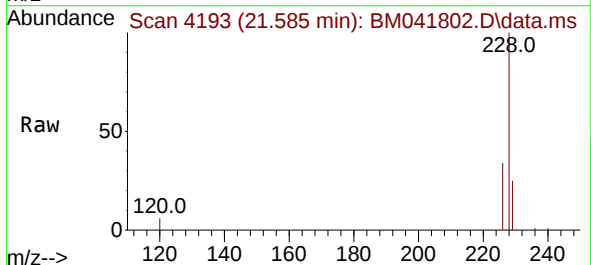
Manual Integrations
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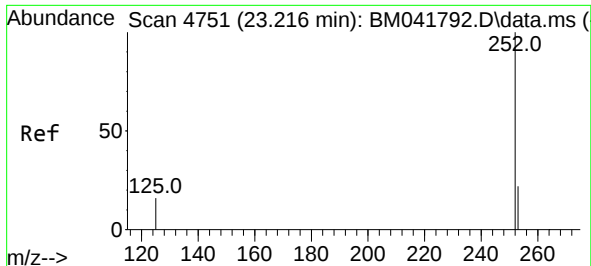
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#22
Chrysene
Concen: 6.665 ng/uI
RT: 21.585 min Scan# 4193
Delta R.T. 0.006 min
Lab File: BM041802.D
Acq: 12 Sep 2023 06:01

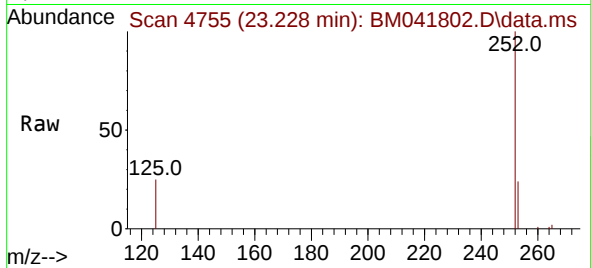
Tgt Ion:228 Resp: 359107
Ion Ratio Lower Upper
228 100
226 33.6 27.0 40.6
229 25.3 15.4 23.2#





#24
Benzo(b)fluoranthene
Concen: 5.646 ng/ul
RT: 23.228 min Scan# 4755
Delta R.T. 0.012 min
Lab File: BM041802.D
Acq: 12 Sep 2023 06:01

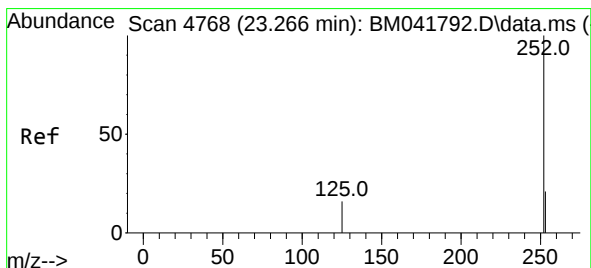
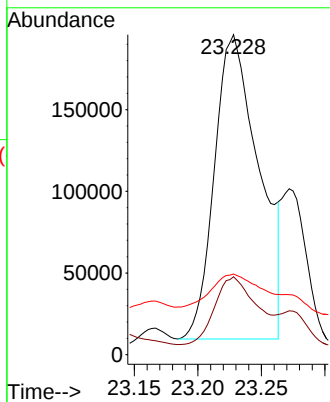
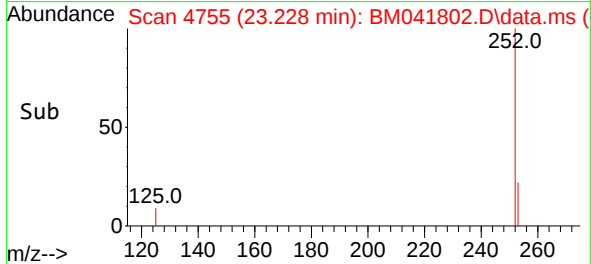
Instrument :
BNA_M
ClientSampleId :
EZYG7



Tgt Ion:252 Resp: 454664
Ion Ratio Lower Upper
252 100
253 24.3 0.0 52.4
125 25.2 0.0 42.8

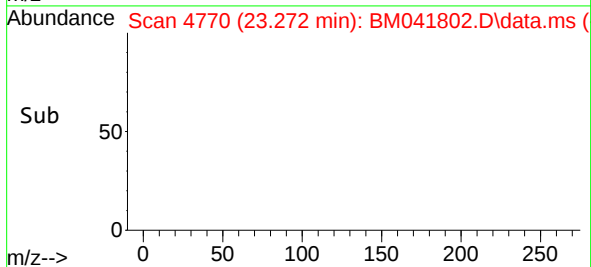
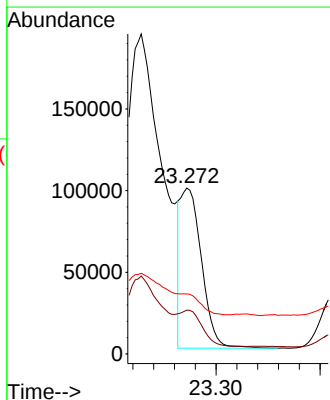
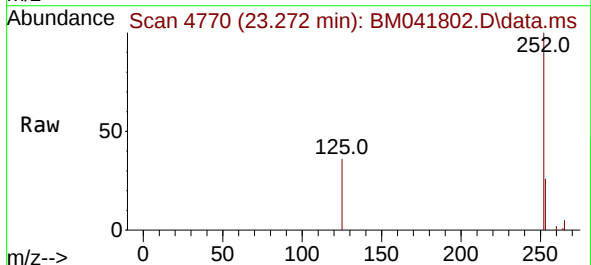
Manual Integrations
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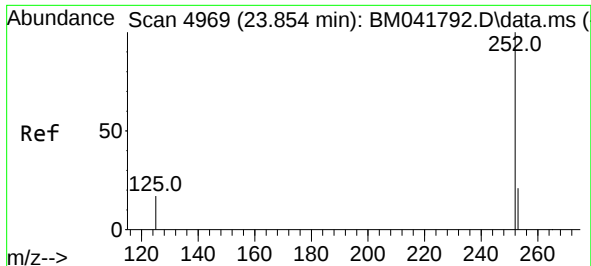
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#25
Benzo(k)fluoranthene
Concen: 1.749 ng/ul m
RT: 23.272 min Scan# 4770
Delta R.T. 0.006 min
Lab File: BM041802.D
Acq: 12 Sep 2023 06:01

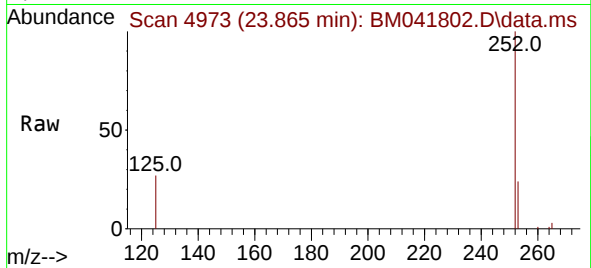
Tgt Ion:252 Resp: 137857
Ion Ratio Lower Upper
252 100
253 26.4 21.3 31.9
125 36.1 17.4 26.0#





#26
Benzo(a)pyrene
Concen: 4.820 ng/ul
RT: 23.865 min Scan# 4969
Delta R.T. 0.012 min
Lab File: BM041802.D
Acq: 12 Sep 2023 06:01

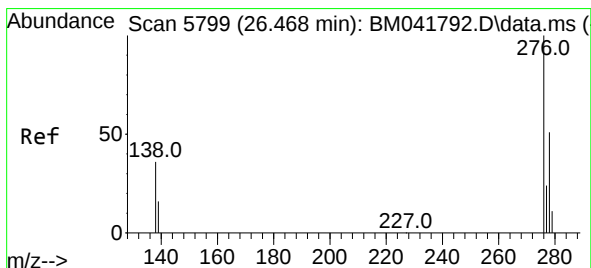
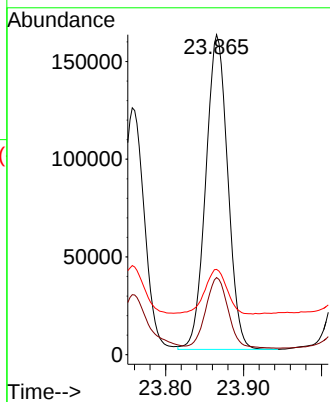
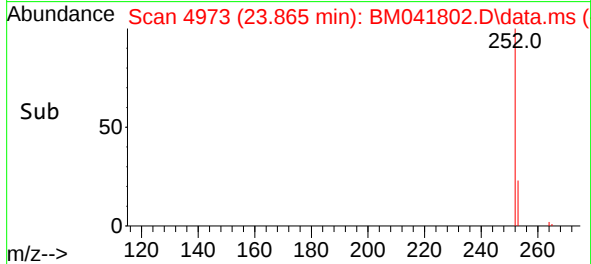
Instrument :
BNA_M
ClientSampleId :
EZYG7



Tgt Ion:252 Resp: 31539
Ion Ratio Lower Upper
252 100
253 24.1 22.4 33.6
125 26.6 21.0 31.4

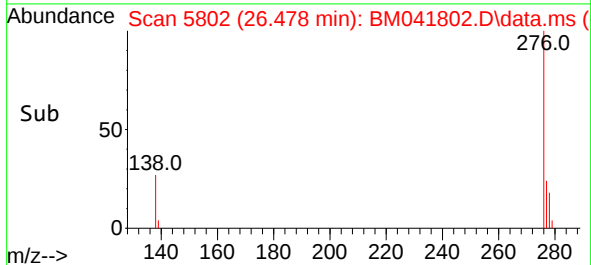
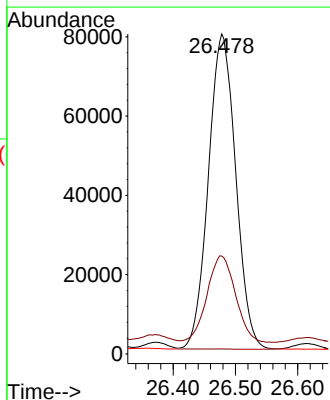
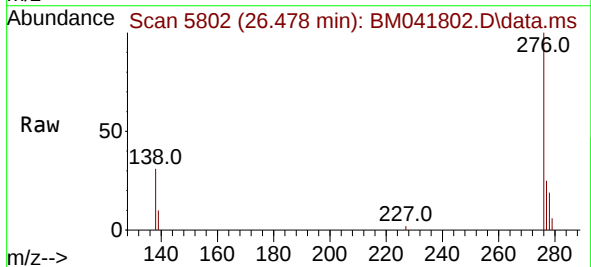
Manual Integrations
APPROVED

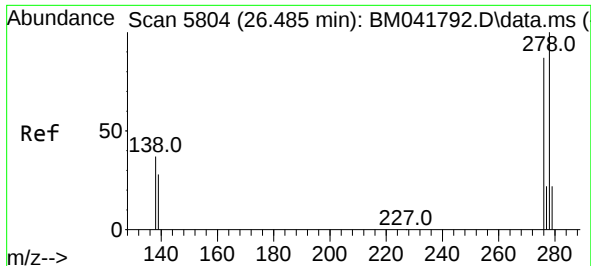
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.699 ng/ul
RT: 26.478 min Scan# 5802
Delta R.T. 0.010 min
Lab File: BM041802.D
Acq: 12 Sep 2023 06:01

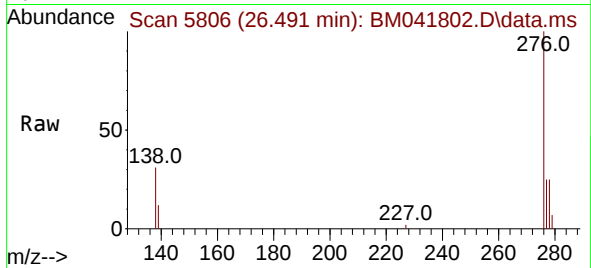
Tgt Ion:276 Resp: 242306
Ion Ratio Lower Upper
276 100
138 28.6 26.4 39.6
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.998 ng/ul
RT: 26.491 min Scan# 5806
Delta R.T. 0.007 min
Lab File: BM041802.D
Acq: 12 Sep 2023 06:01

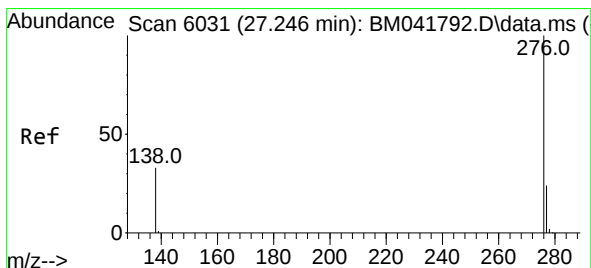
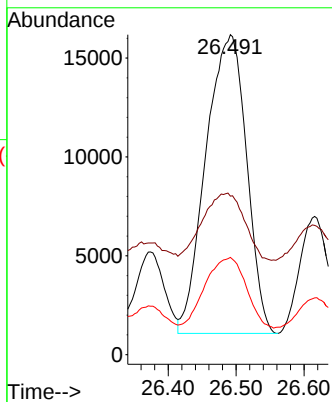
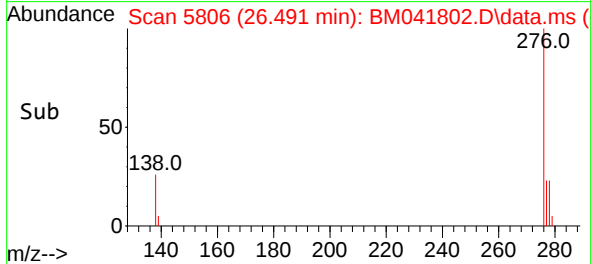
Instrument :
BNA_M
ClientSampleId :
EZYG7



Tgt Ion:278 Resp: 62793
Ion Ratio Lower Upper
278 100
139 49.6 23.0 34.6
279 30.4 22.9 34.3

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 2.980 ng/ul
RT: 27.266 min Scan# 6037
Delta R.T. 0.020 min
Lab File: BM041802.D
Acq: 12 Sep 2023 06:01

Tgt Ion:276 Resp: 237014
Ion Ratio Lower Upper
276 100
138 32.7 25.0 37.4
277 24.6 20.2 30.2

