

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
 Data File : BM042132.D
 Acq On : 29 Sep 2023 01:40
 Operator : MA/JU
 Sample : 04417-35DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYN4DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 10/03/2023

Quant Time: Sep 29 04:42:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 29 04:39:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	3532	0.400	ng/ul	0.00
4) Naphthalene-d8	10.752	136	9441	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	5578	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	11764	0.400	ng/ul	0.00
17) Chrysene-d12	21.507	240	6964	0.400	ng/ul	# 0.00
23) Perylene-d12	23.906	264	8507	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	2236	0.465	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	737	0.062	ng/ul	0.00
18) Fluoranthene-d10	19.357	212	1318	0.046	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.801	128	66844	2.113	ng/ul	99
7) 2-Methylnaphthalene	12.407	142	73423	3.894	ng/ul	99
8) 1-Methylnaphthalene	12.627	142	36940	1.930	ng/ul	99
10) Acenaphthylene	14.310	152	30135	0.806	ng/ul	96
11) Acenaphthene	14.652	153	3417	0.119	ng/ul#	57
12) Fluorene	15.647	166	2422	0.075	ng/ul#	1
15) Phenanthrene	17.379	178	145181	2.661	ng/ul	99
16) Anthracene	17.468	178	45945	0.975	ng/ul	99
19) Fluoranthene	19.390	202	526837	6.693	ng/ul	96
20) Pyrene	19.757	202	431939	5.582	ng/ul	95
21) Benzo(a)anthracene	21.489	228	251002	4.753	ng/ul	99
22) Chrysene	21.545	228	219475	4.023	ng/ul	97
24) Benzo(b)fluoranthene	23.170	252	313661	4.790	ng/ul	88
25) Benzo(k)fluoranthene	23.214	252	116971m	1.837	ng/ul	
26) Benzo(a)pyrene	23.801	252	199475	3.706	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.384	276	154662	2.092	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.394	278	37705	0.706	ng/ul	96
29) Benzo(g,h,i)perylene	27.166	276	119548	1.923	ng/ul	94

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

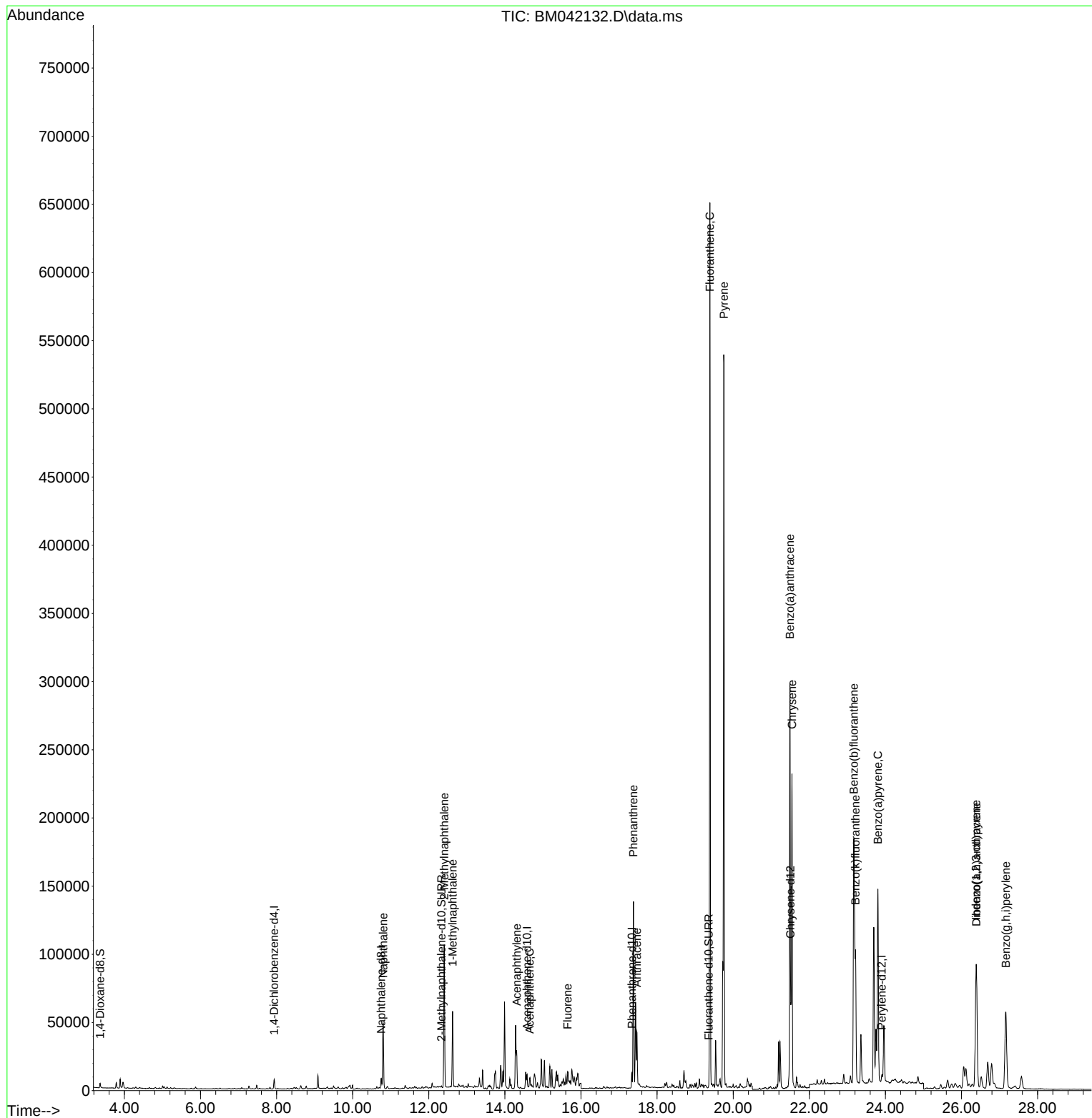
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
Data File : BM042132.D
Acq On : 29 Sep 2023 01:40
Operator : MA/JU
Sample : 04417-35DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

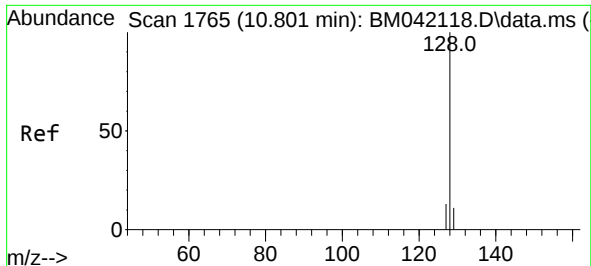
Instrument :
BNA_M
ClientSampleId :
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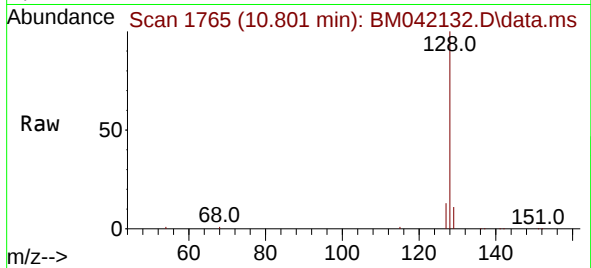
Quant Time: Sep 29 04:42:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 29 04:39:33 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 2.113 ng/ul
RT: 10.801 min Scan# 1765
Delta R.T. -0.000 min
Lab File: BM042132.D
Acq: 29 Sep 2023 01:40

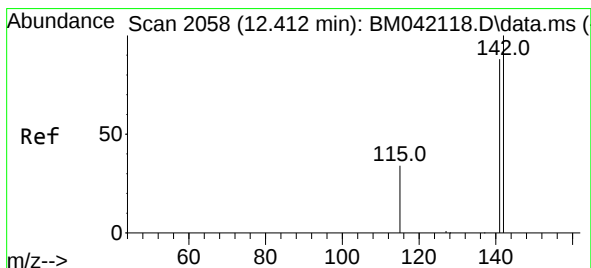
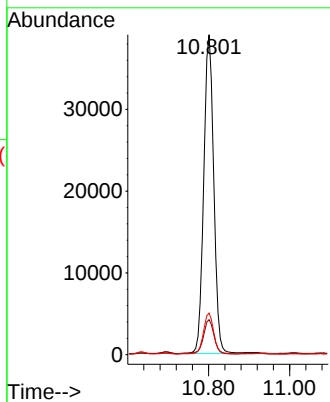
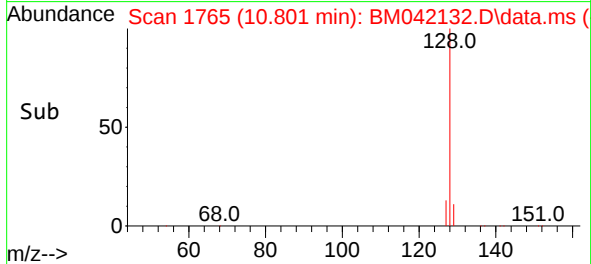
Instrument :
BNA_M
ClientSampleId :
EZYN4DL



Tgt Ion:128 Resp: 66844
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.0 10.8 16.2

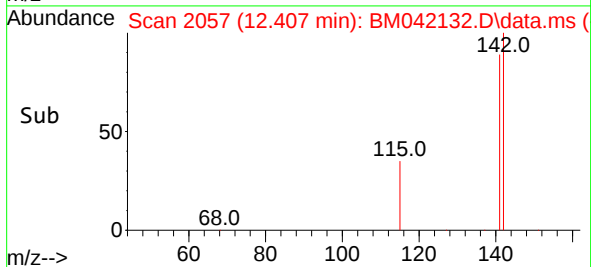
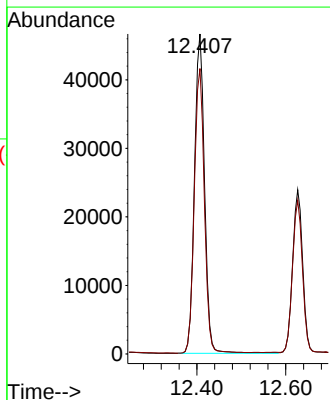
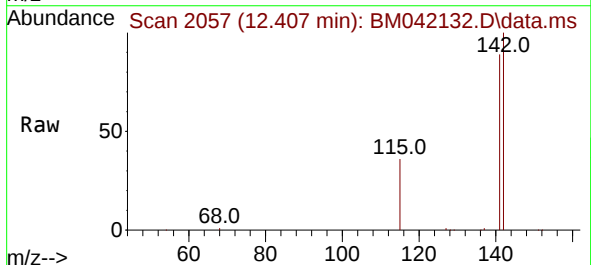
Manual Integrations
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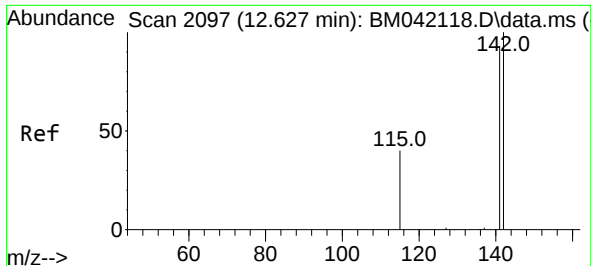
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#7
2-Methylnaphthalene
Concen: 3.894 ng/ul
RT: 12.407 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BM042132.D
Acq: 29 Sep 2023 01:40

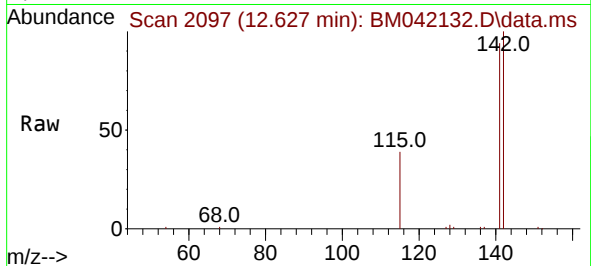
Tgt Ion:142 Resp: 73423
Ion Ratio Lower Upper
142 100
141 89.3 72.1 108.1





#8
1-Methylnaphthalene
Concen: 1.930 ng/ul
RT: 12.627 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BM042132.D
Acq: 29 Sep 2023 01:40

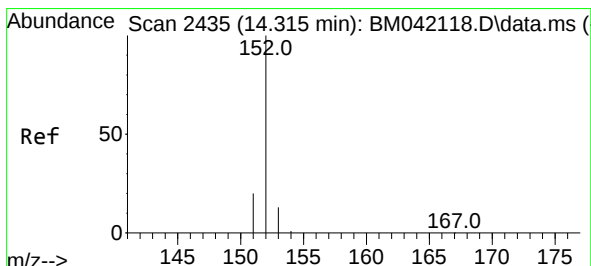
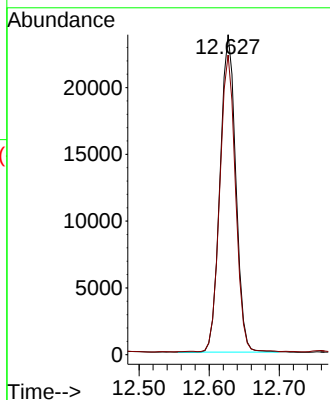
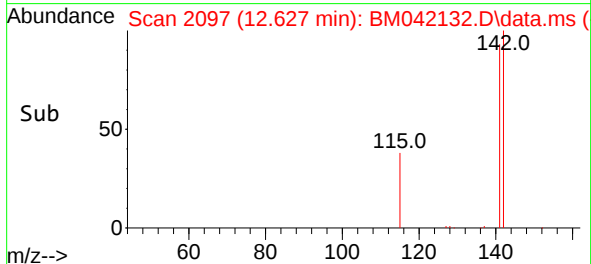
Instrument :
BNA_M
ClientSampleId :
EZYN4DL



Tgt Ion:142 Resp: 36940
Ion Ratio Lower Upper
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141 93.0 75.1 112.7

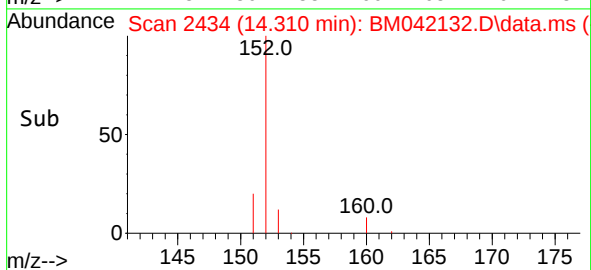
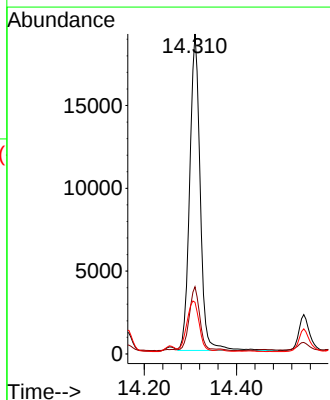
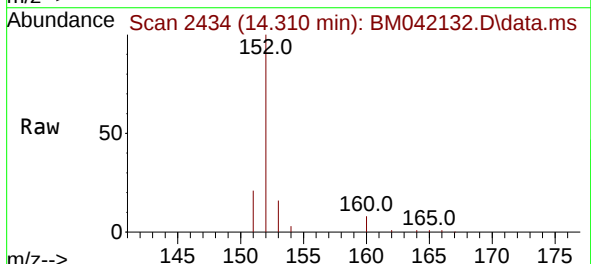
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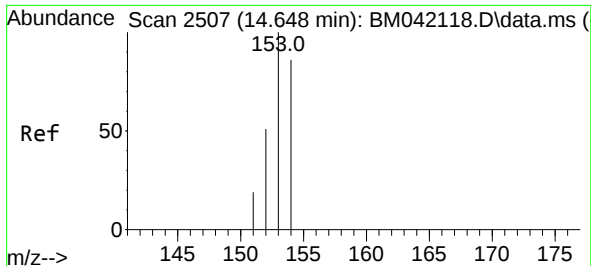
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#10
Acenaphthylene
Concen: 0.806 ng/ul
RT: 14.310 min Scan# 2434
Delta R.T. -0.005 min
Lab File: BM042132.D
Acq: 29 Sep 2023 01:40

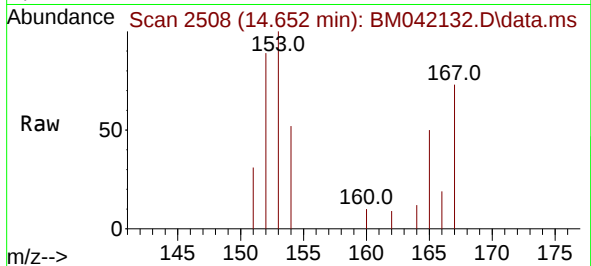
Tgt Ion:152 Resp: 30135
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.4
153 16.1 10.8 16.2





#11
Acenaphthene
Concen: 0.119 ng/u1
RT: 14.652 min Scan# 2508
Delta R.T. 0.005 min
Lab File: BM042132.D
Acq: 29 Sep 2023 01:40

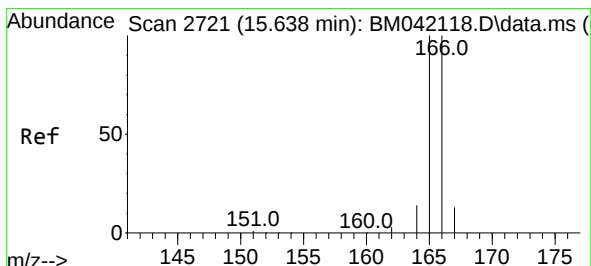
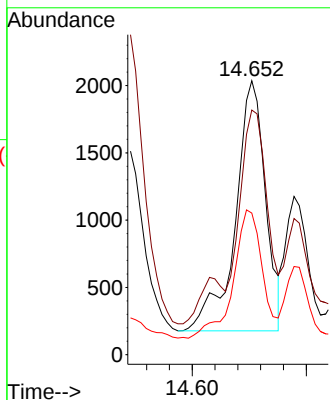
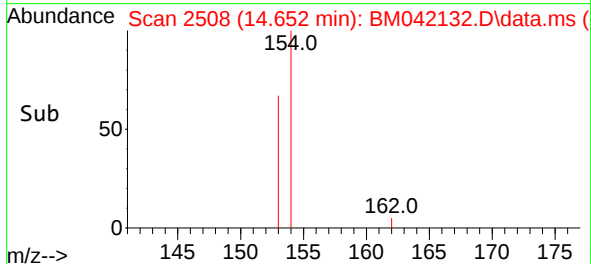
Instrument :
BNA_M
ClientSampleId :
EZYN4DL



Tgt Ion:153 Resp: 341
Ion Ratio Lower Upper
153 100
152 89.3 41.8 62.8#
154 51.7 69.0 103.6#

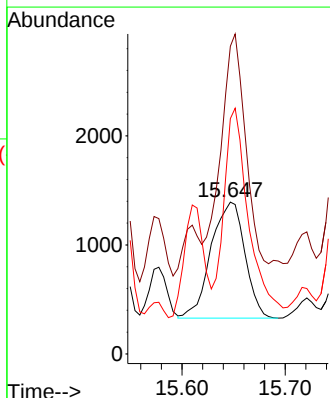
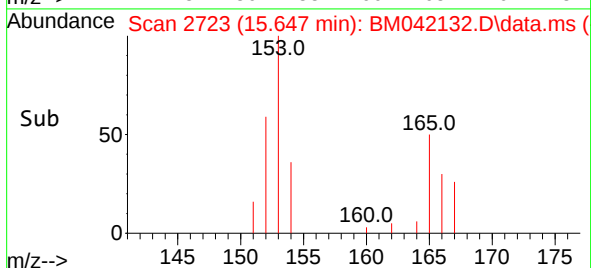
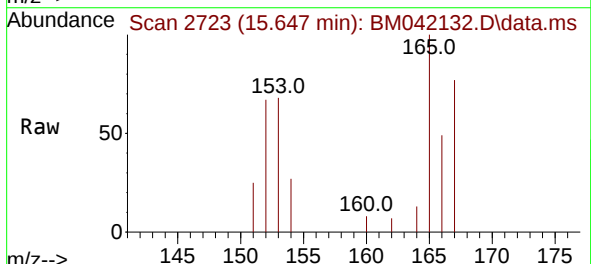
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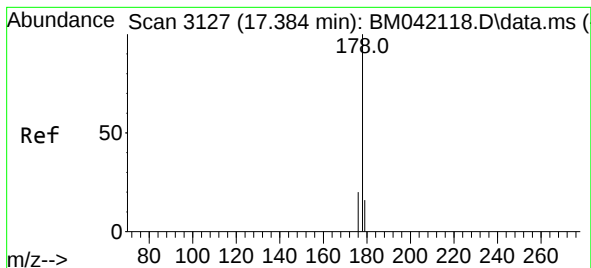
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#12
Fluorene
Concen: 0.075 ng/u1
RT: 15.647 min Scan# 2723
Delta R.T. 0.009 min
Lab File: BM042132.D
Acq: 29 Sep 2023 01:40

Tgt Ion:166 Resp: 2422
Ion Ratio Lower Upper
166 100
165 202.6 79.8 119.8#
167 155.0 11.1 16.7#





#15

Phenanthrene

Concen: 2.661 ng/ul

RT: 17.379 min Scan# 3127

Delta R.T. -0.004 min

Lab File: BM042132.D

Acq: 29 Sep 2023 01:40

Instrument :

BNA_M

ClientSampleId :

EZYN4DL

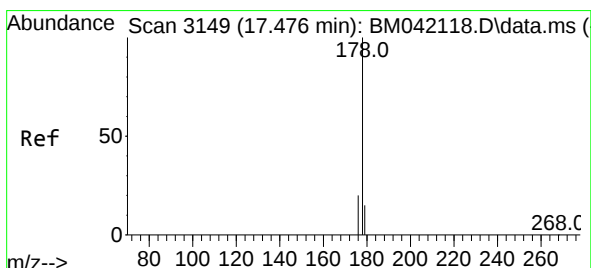
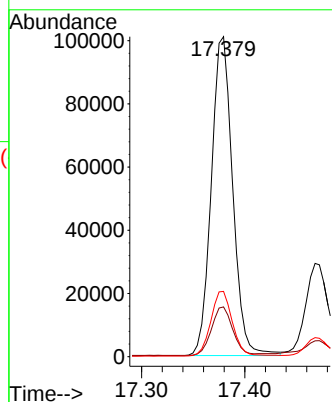
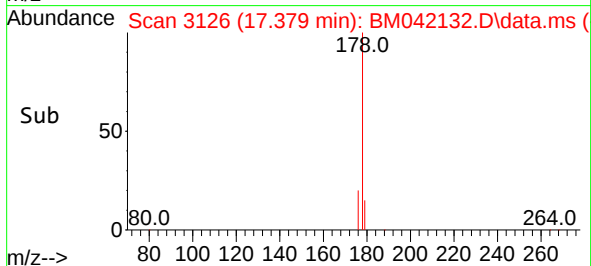
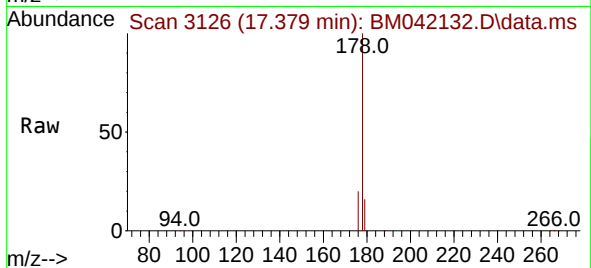
Tgt Ion:178	Resp: 14518
Ion Ratio	Lower Upper
178	100
179	15.5 12.7 19.1
176	20.4 16.6 24.8

Manual Integrations

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Reviewed By :Yogesh Patel 09/29/2023

Supervised By :mohammad ahmed 10/03/2023



#16

Anthracene

Concen: 0.975 ng/ul

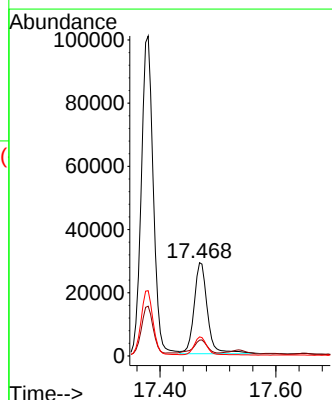
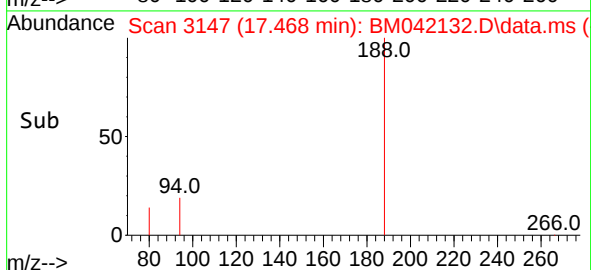
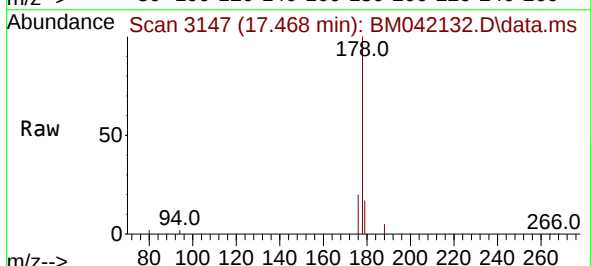
RT: 17.468 min Scan# 3147

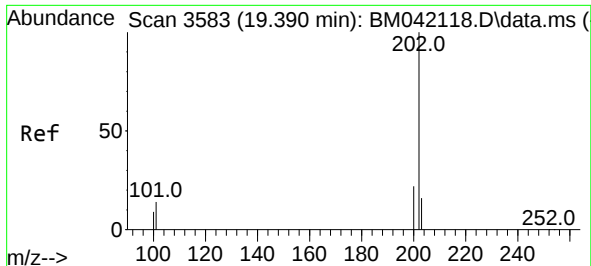
Delta R.T. -0.008 min

Lab File: BM042132.D

Acq: 29 Sep 2023 01:40

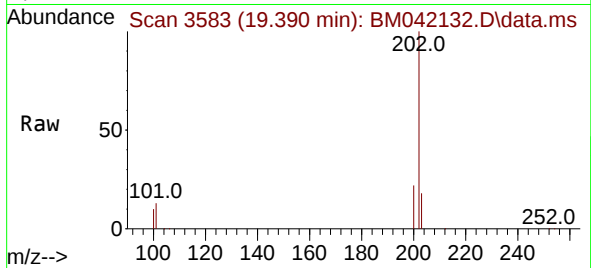
Tgt Ion:178	Resp: 45945
Ion Ratio	Lower Upper
178	100
179	17.0 12.9 19.3
176	20.4 16.2 24.2





#19
Fluoranthene
Concen: 6.693 ng/u1
RT: 19.390 min Scan# 3583
Delta R.T. -0.000 min
Lab File: BM042132.D
Acq: 29 Sep 2023 01:40

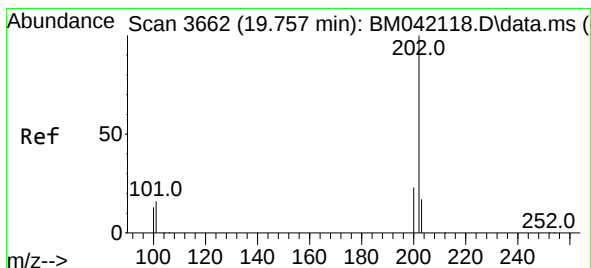
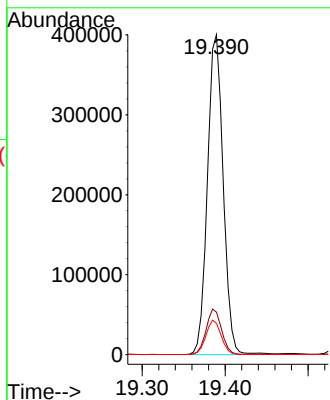
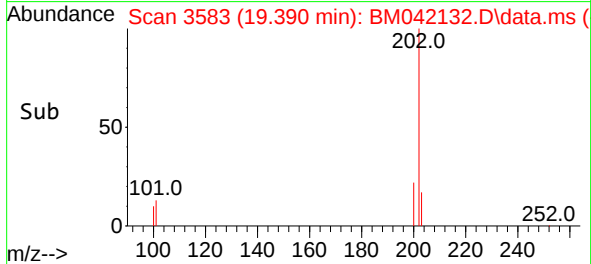
Instrument :
BNA_M
ClientSampleId :
EZYN4DL



Tgt Ion:202 Resp: 52683
Ion Ratio Lower Upper
202 100
101 13.3 11.8 17.6
100 9.8 9.1 13.7

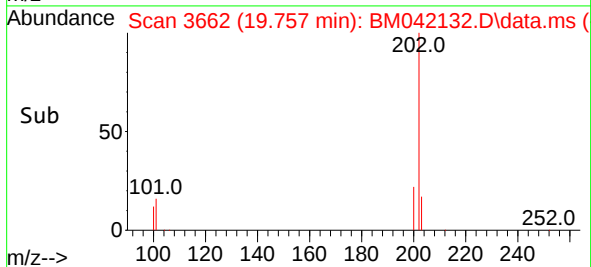
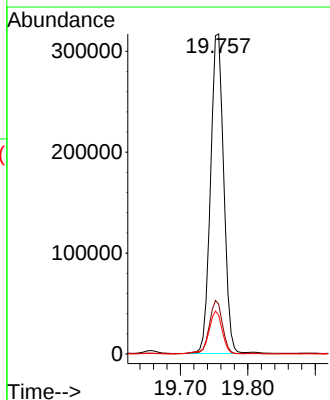
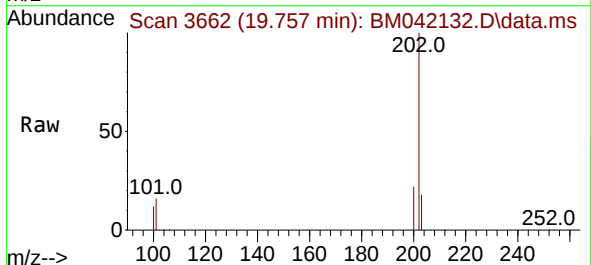
Manual Integrations
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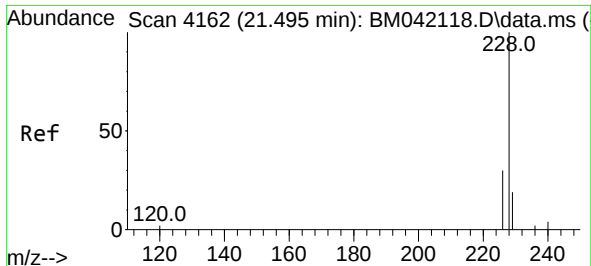
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#20
Pyrene
Concen: 5.582 ng/u1
RT: 19.757 min Scan# 3662
Delta R.T. -0.000 min
Lab File: BM042132.D
Acq: 29 Sep 2023 01:40

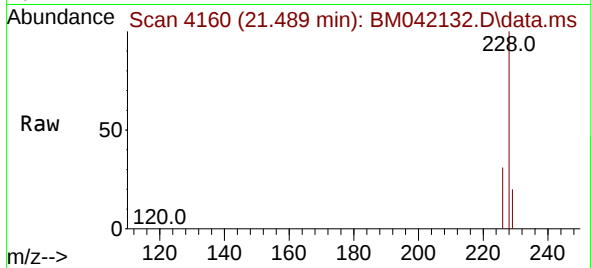
Tgt Ion:202 Resp: 431939
Ion Ratio Lower Upper
202 100
101 15.6 14.1 21.1
100 12.2 11.4 17.0





#21
Benzo(a)anthracene
Concen: 4.753 ng/u1
RT: 21.489 min Scan# 4160
Delta R.T. -0.006 min
Lab File: BM042132.D
Acq: 29 Sep 2023 01:40

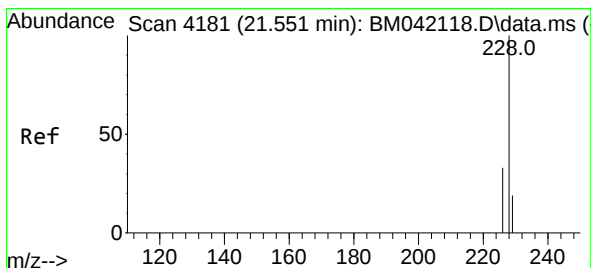
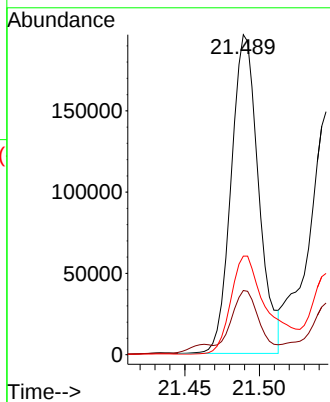
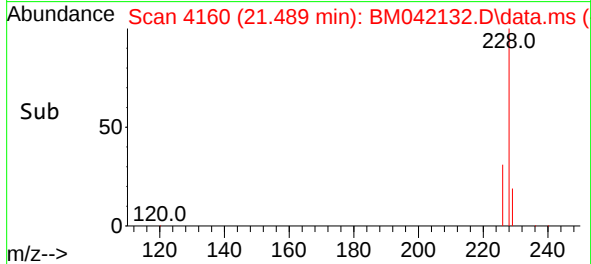
Instrument :
BNA_M
ClientSampleId :
EZYN4DL



Tgt Ion:228 Resp: 25100
Ion Ratio Lower Upper
228 100
229 20.1 15.5 23.3
226 30.8 24.8 37.2

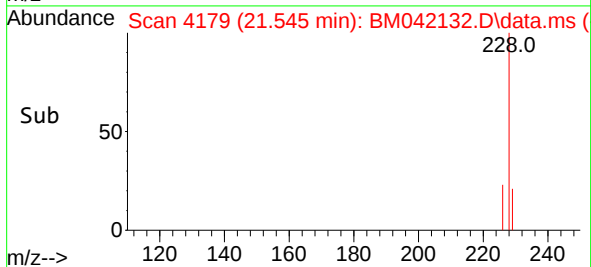
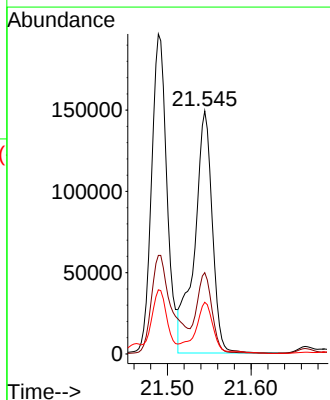
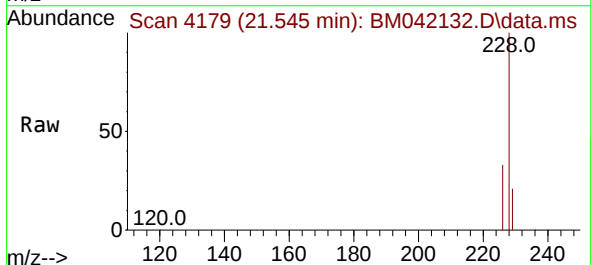
Manual Integrations
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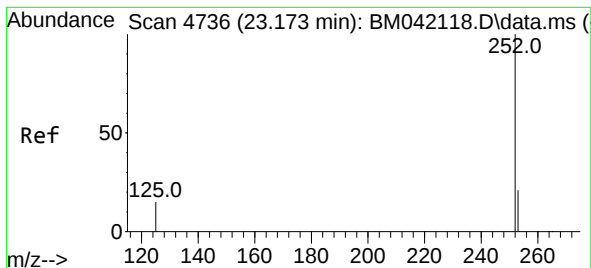
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#22
Chrysene
Concen: 4.023 ng/u1
RT: 21.545 min Scan# 4179
Delta R.T. -0.006 min
Lab File: BM042132.D
Acq: 29 Sep 2023 01:40

Tgt Ion:228 Resp: 219475
Ion Ratio Lower Upper
228 100
226 33.4 27.8 41.6
229 21.3 15.6 23.4





#24

Benzo(b)fluoranthene

Concen: 4.790 ng/ul

RT: 23.170 min Scan# 4736

Delta R.T. -0.003 min

Lab File: BM042132.D

Acq: 29 Sep 2023 01:40

Instrument :

BNM

ClientSampleId :

EZYN4DL

Tgt Ion:252 Resp: 31366

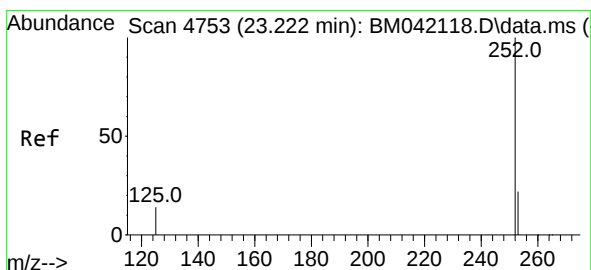
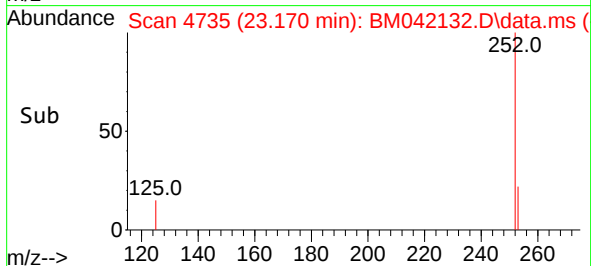
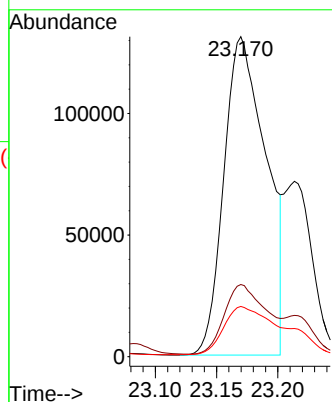
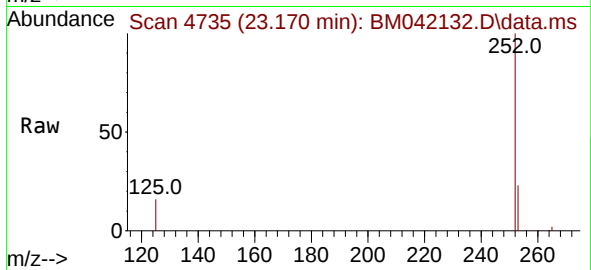
Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	54.4
125	15.7	0.0	46.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/29/2023

Supervised By :mohammad ahmed 10/03/2023



#25

Benzo(k)fluoranthene

Concen: 1.837 ng/ul m

RT: 23.214 min Scan# 4750

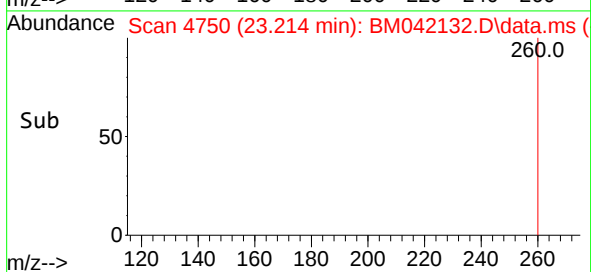
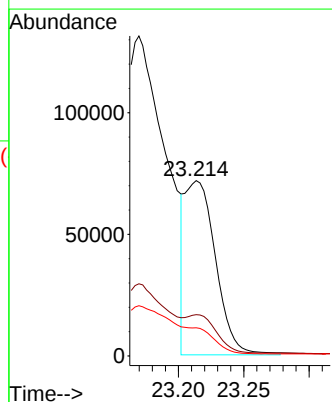
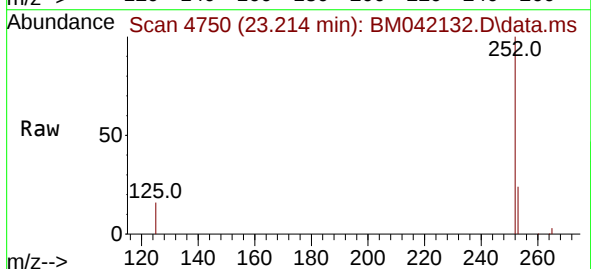
Delta R.T. -0.009 min

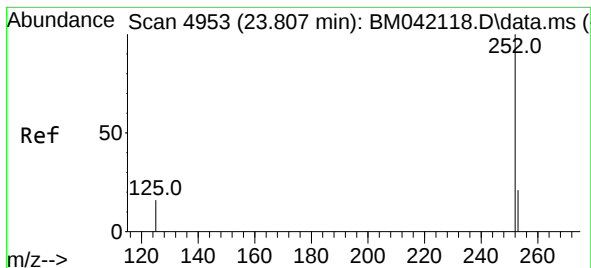
Lab File: BM042132.D

Acq: 29 Sep 2023 01:40

Tgt Ion:252 Resp: 116971

Ion	Ratio	Lower	Upper
252	100		
253	23.6	21.0	31.6
125	16.1	19.0	28.6





#26

Benzo(a)pyrene

Concen: 3.706 ng/ul

RT: 23.801 min Scan# 4953

Delta R.T. -0.006 min

Lab File: BM042132.D

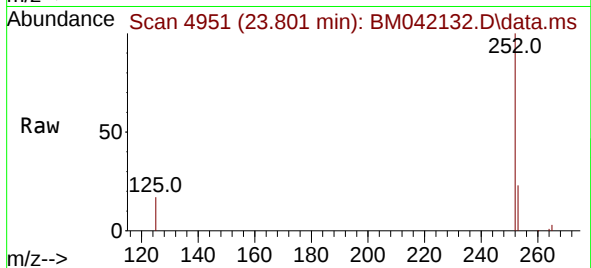
Acq: 29 Sep 2023 01:40

Instrument :

BNM_M

ClientSampleId :

EZYN4DL



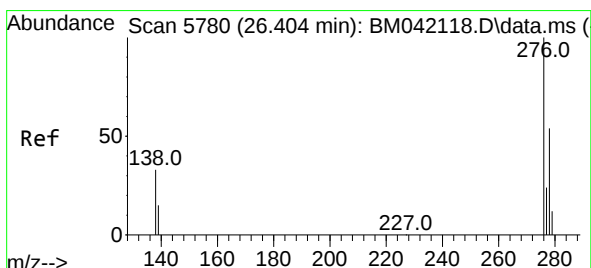
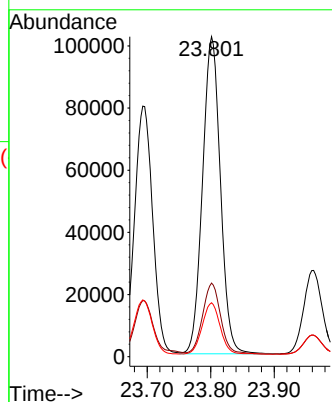
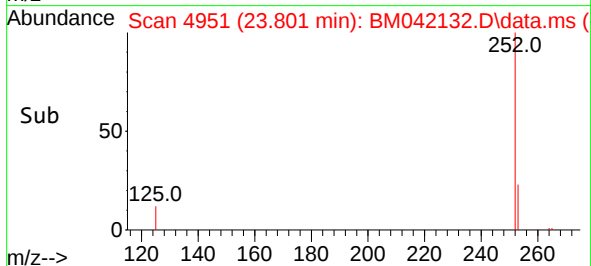
Tgt Ion:	252	Resp:	19947
Ion Ratio	Lower	Upper	
252	100		
253	23.0	23.2	34.8
125	16.9	22.5	33.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/29/2023

Supervised By :mohammad ahmed 10/03/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 2.092 ng/ul

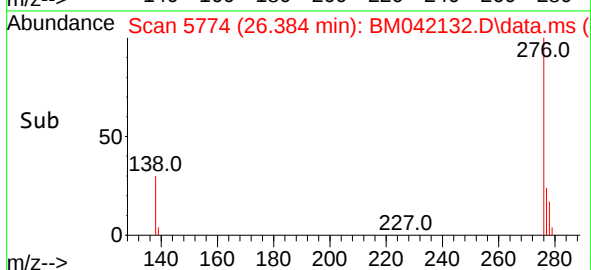
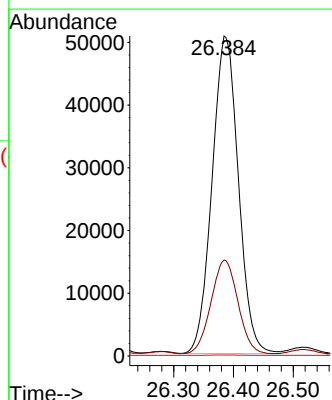
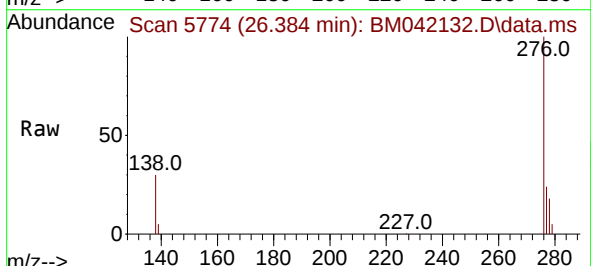
RT: 26.384 min Scan# 5774

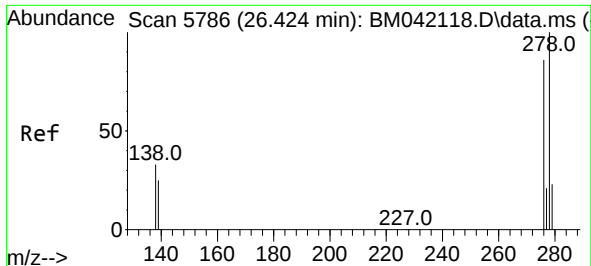
Delta R.T. -0.020 min

Lab File: BM042132.D

Acq: 29 Sep 2023 01:40

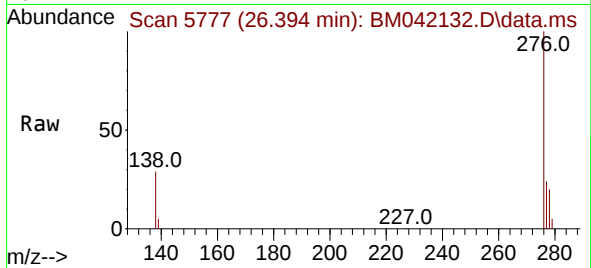
Tgt Ion:	276	Resp:	154662
Ion Ratio	Lower	Upper	
276	100		
138	30.3	32.1	48.1#
227	0.2	0.2	0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.706 ng/ul
RT: 26.394 min Scan# 51
Delta R.T. -0.030 min
Lab File: BM042132.D
Acq: 29 Sep 2023 01:40

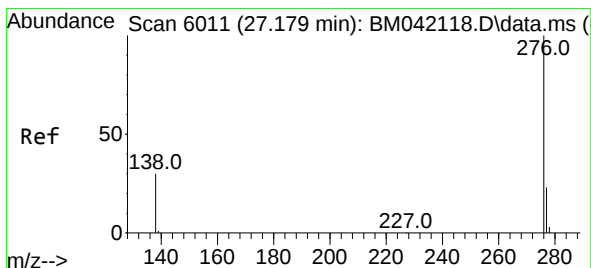
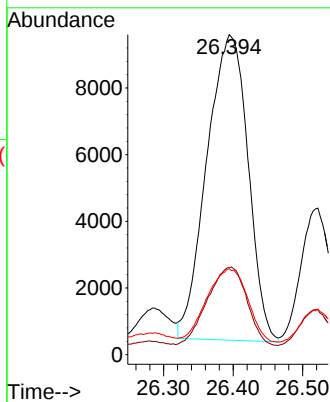
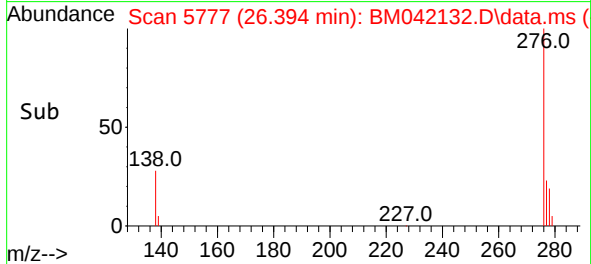
Instrument :
BNA_M
ClientSampleId :
EZYN4DL



Tgt Ion:278 Resp: 3770
Ion Ratio Lower Upper
278 100
139 27.3 25.0 37.6
279 26.8 21.7 32.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#29
Benzo(g,h,i)perylene
Concen: 1.923 ng/ul
RT: 27.166 min Scan# 6007
Delta R.T. -0.013 min
Lab File: BM042132.D
Acq: 29 Sep 2023 01:40

Tgt Ion:276 Resp: 119548
Ion Ratio Lower Upper
276 100
138 30.7 29.0 43.4
277 23.8 19.6 29.4

