

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045882.D
 Acq On : 07 Jun 2024 14:55
 Operator : MA/JU
 Sample : P2586-07MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D18MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 07 15:39:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 06 17:58:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.476	152	7049	0.400	ng/ul	0.00
4) Naphthalene-d8	10.244	136	23291	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.113	164	12830	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.854	188	26265	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.049	240	17322	0.400	ng/ul	# 0.00
23) Perylene-d12	23.162	264	21736	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.067	96	2688	0.335	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.838	152	7395	0.221	ng/ul	0.00
18) Fluoranthene-d10	18.886	212	16828	0.324	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.096	88	6823	0.743	ng/ul#	76
5) Naphthalene	10.288	128	53075	0.872	ng/ul	99
7) 2-Methylnaphthalene	11.910	142	24077	0.620	ng/ul	99
8) 1-Methylnaphthalene	12.135	142	20871	0.495	ng/ul	99
10) Acenaphthylene	13.831	152	84875	1.455	ng/ul	98
11) Acenaphthene	14.174	153	33345	0.778	ng/ul	99
12) Fluorene	15.168	166	43209	0.902	ng/ul	97
14) Pentachlorophenol	16.529	266	4037	0.822	ng/ul	97
15) Phenanthrene	16.896	178	705565	9.568	ng/ul	99
16) Anthracene	16.989	178	141851	2.255	ng/ul	99
19) Fluoranthene	18.918	202	1401064	20.284	ng/ul	97
20) Pyrene	19.281	202	1160186	16.102	ng/ul	96
21) Benzo(a)anthracene	21.032	228	605957	9.530	ng/ul	97
22) Chrysene	21.084	228	678341	9.800	ng/ul	98
24) Benzo(b)fluoranthene	22.539	252	821474m	11.395	ng/ul	
25) Benzo(k)fluoranthene	22.574	252	352020m	4.443	ng/ul	
26) Benzo(a)pyrene	23.069	252	392726	5.478	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.232	276	357078	3.852	ng/ul	93
28) Dibenzo(a,h)anthracene	25.232	278	121522	1.640	ng/ul	96
29) Benzo(g,h,i)perylene	25.859	276	57418	0.718	ng/ul	94

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

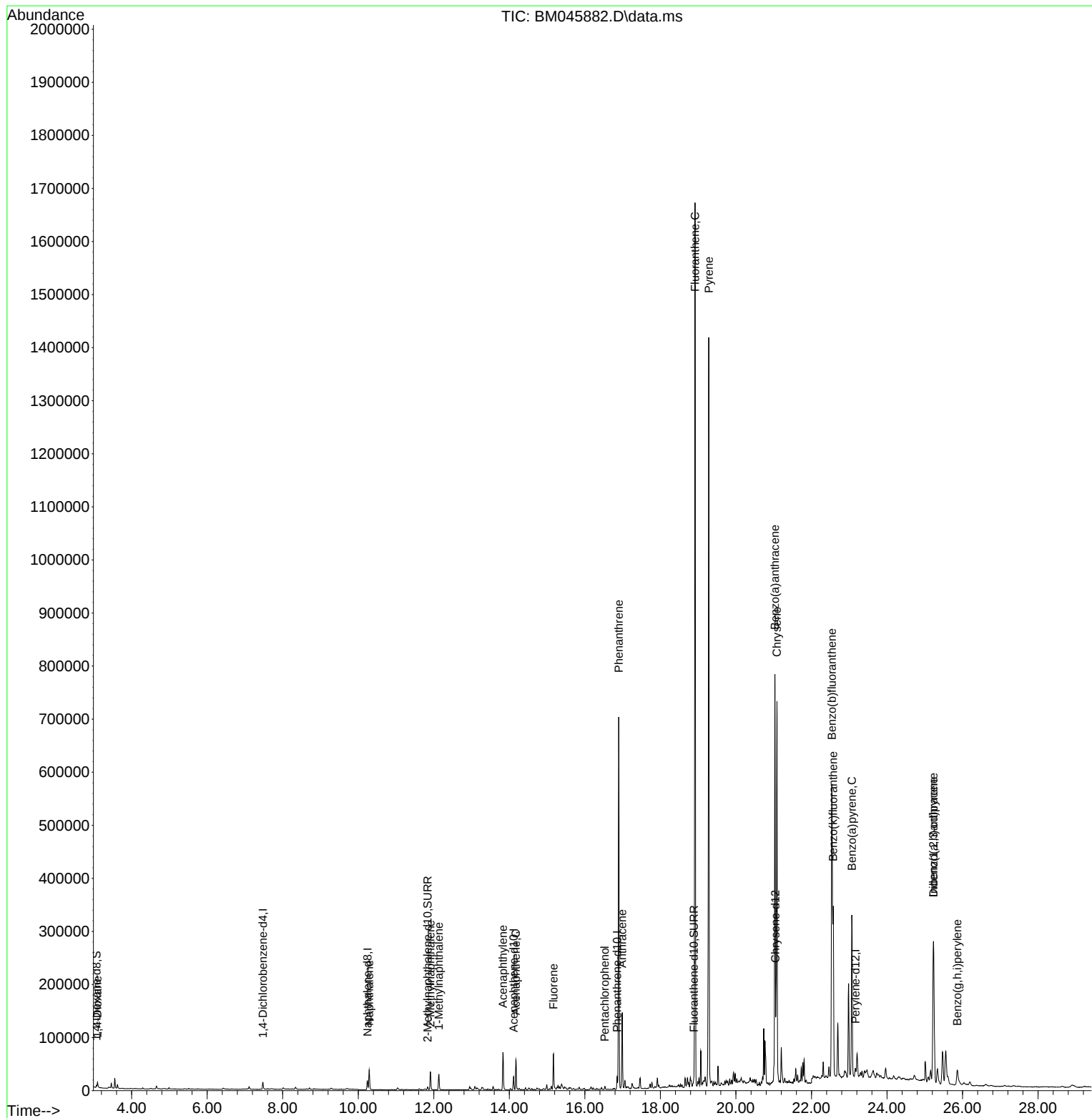
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045882.D
Acq On : 07 Jun 2024 14:55
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Sample : P2586-07MSD
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ALS Vial : 11 Sample Multiplier: 1

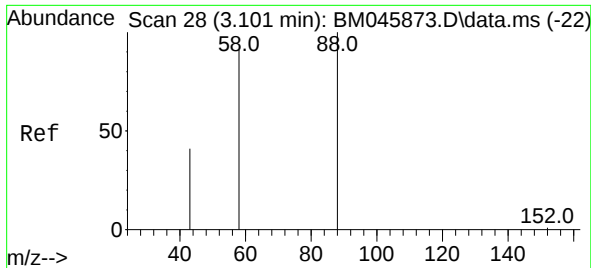
Instrument :
BNA_M
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A4D18MSD

Quant Time: Jun 07 15:39:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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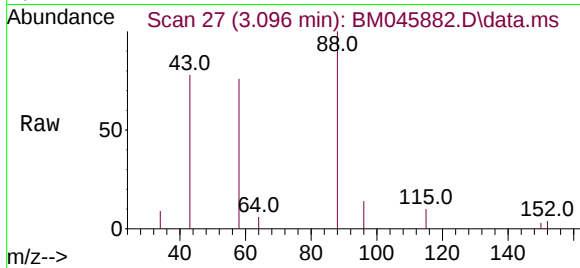
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024





#2
1,4-Dioxane
Concen: 0.743 ng/ul
RT: 3.096 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM045882.D
Acq: 07 Jun 2024 14:55

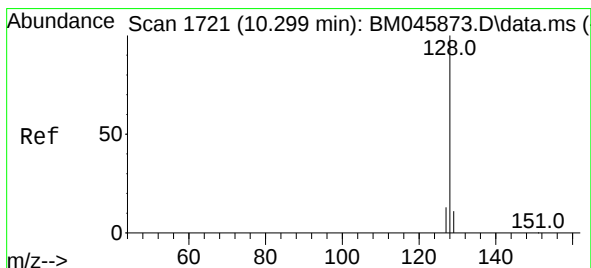
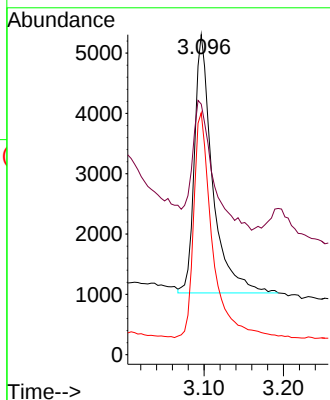
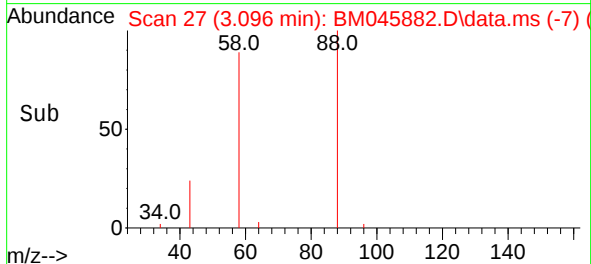
Instrument :
BNA_M
ClientSampleId :
A4D18MSD



Tgt Ion: 88 Resp: 682
Ion Ratio Lower Upper
88 100
43 78.3 87.4 131.2
58 75.6 51.1 76.7

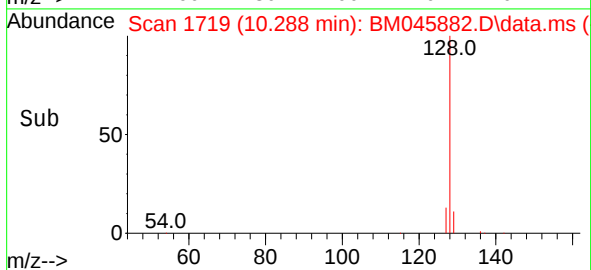
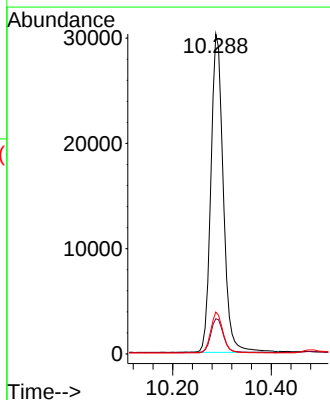
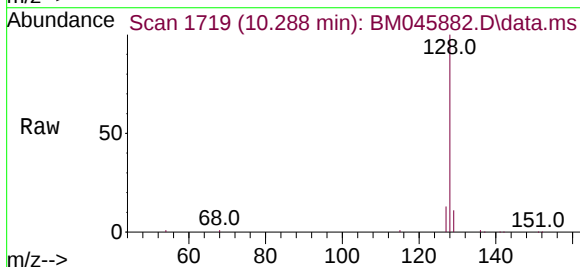
Manual Integrations
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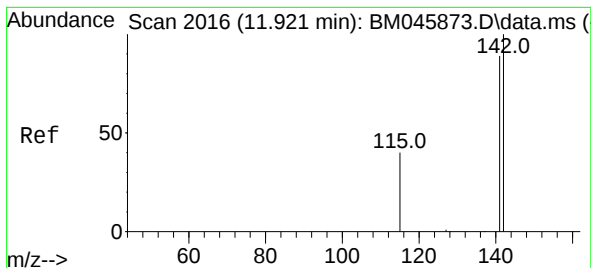
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#5
Naphthalene
Concen: 0.872 ng/ul
RT: 10.288 min Scan# 1719
Delta R.T. -0.015 min
Lab File: BM045882.D
Acq: 07 Jun 2024 14:55

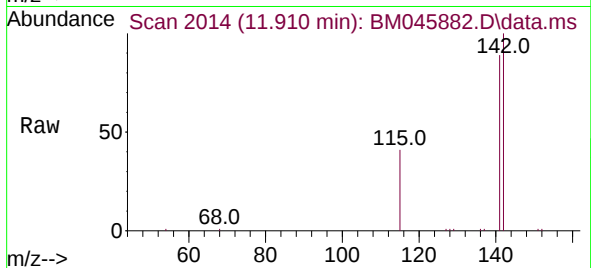
Tgt Ion:128 Resp: 53075
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.0
127 13.1 10.6 15.8





#7
2-Methylnaphthalene
Concen: 0.620 ng/ul
RT: 11.910 min Scan# 2014
Delta R.T. -0.010 min
Lab File: BM045882.D
Acq: 07 Jun 2024 14:55

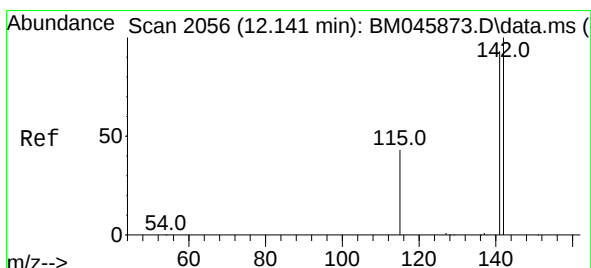
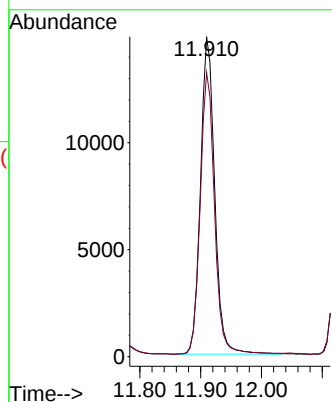
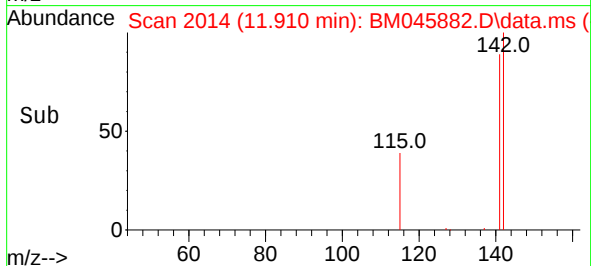
Instrument :
BNA_M
ClientSampleId :
A4D18MSD



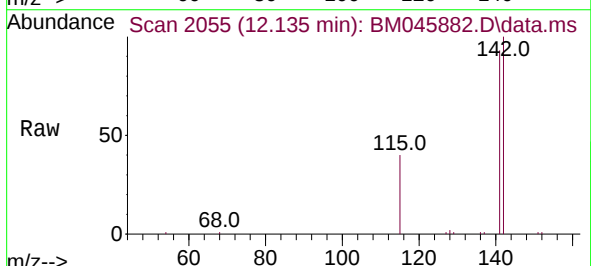
Tgt Ion:142 Resp: 2407
Ion Ratio Lower Upper
142 100
141 89.8 72.2 108.4

Manual Integrations
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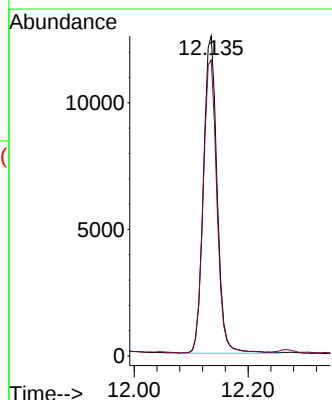
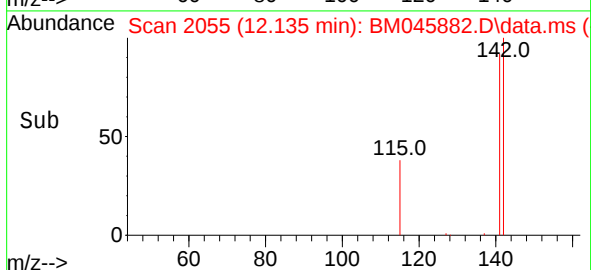
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

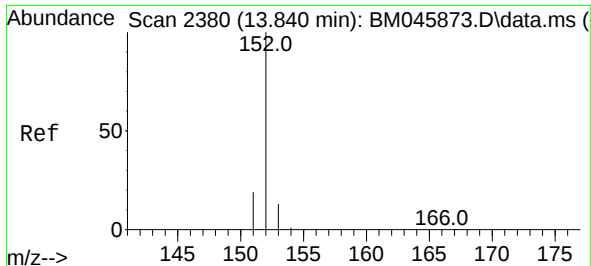


#8
1-Methylnaphthalene
Concen: 0.495 ng/ul
RT: 12.135 min Scan# 2055
Delta R.T. -0.010 min
Lab File: BM045882.D
Acq: 07 Jun 2024 14:55



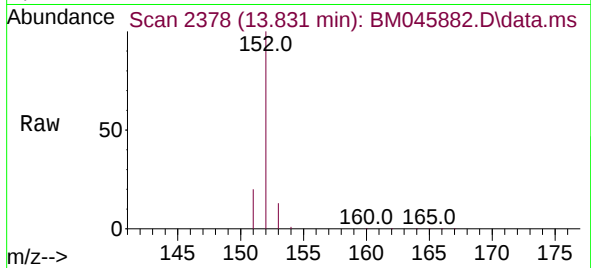
Tgt Ion:142 Resp: 20871
Ion Ratio Lower Upper
142 100
141 93.0 73.5 110.3





#10
Acenaphthylene
Concen: 1.455 ng/ul
RT: 13.831 min Scan# 2452
Delta R.T. -0.008 min
Lab File: BM045882.D
Acq: 07 Jun 2024 14:55

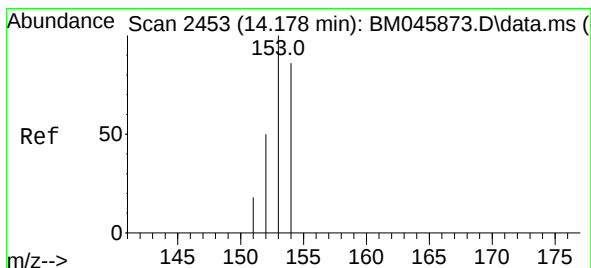
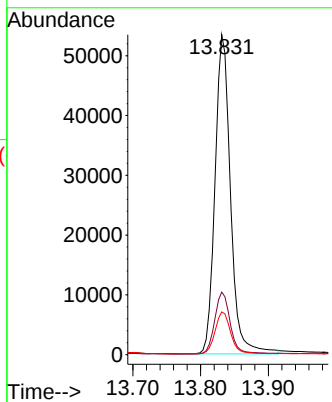
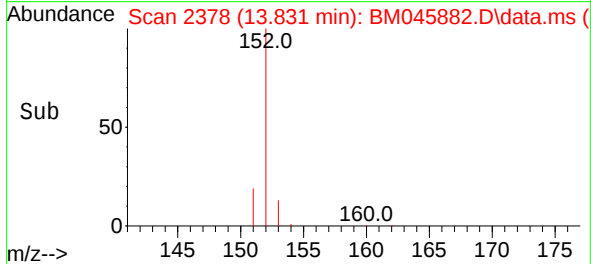
Instrument :
BNA_M
ClientSampleId :
A4D18MSD



Tgt Ion:152 Resp: 84879
Ion Ratio Lower Upper
152 100
151 19.6 16.4 24.6
153 13.3 11.1 16.7

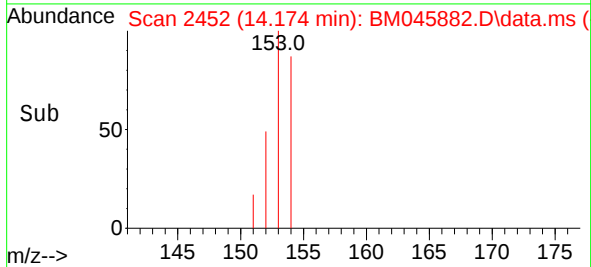
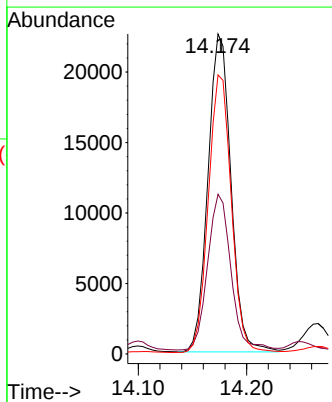
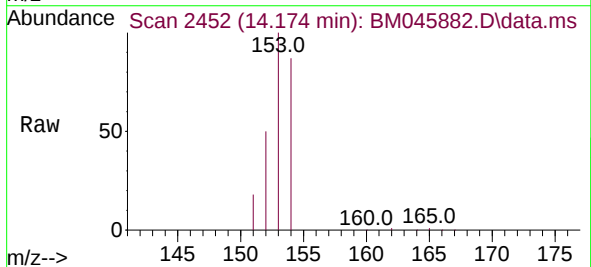
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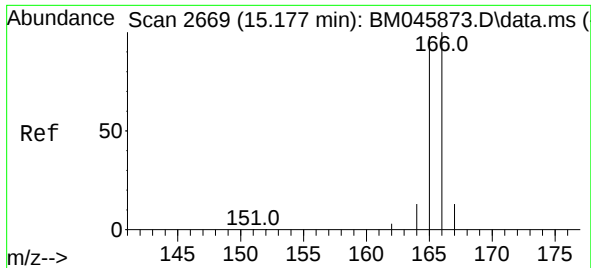
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#11
Acenaphthene
Concen: 0.778 ng/ul
RT: 14.174 min Scan# 2452
Delta R.T. -0.008 min
Lab File: BM045882.D
Acq: 07 Jun 2024 14:55

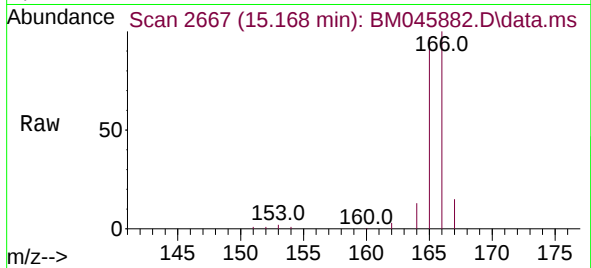
Tgt Ion:153 Resp: 33345
Ion Ratio Lower Upper
153 100
152 49.9 39.0 58.4
154 87.2 69.4 104.2





#12
Fluorene
Concen: 0.902 ng/ul
RT: 15.168 min Scan# 2667
Delta R.T. -0.008 min
Lab File: BM045882.D
Acq: 07 Jun 2024 14:55

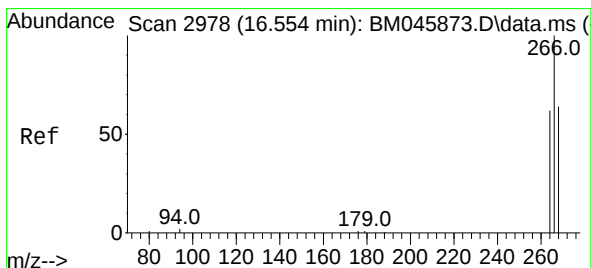
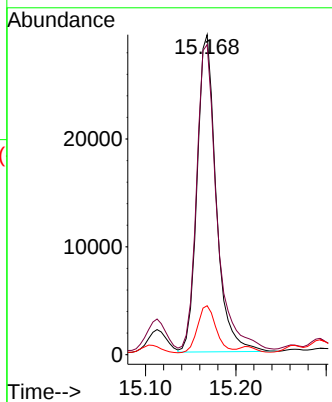
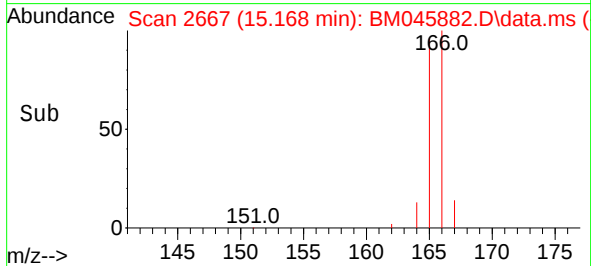
Instrument :
BNA_M
ClientSampleId :
A4D18MSD



Tgt Ion:166 Resp: 43209
Ion Ratio Lower Upper
166 100
165 96.9 79.7 119.5
167 15.3 11.3 16.9

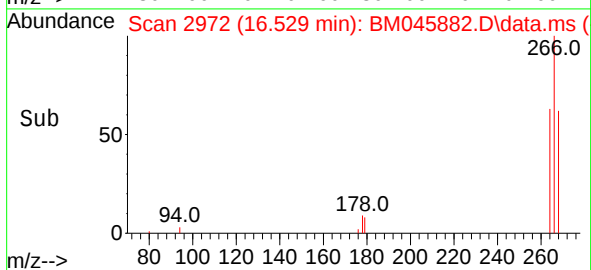
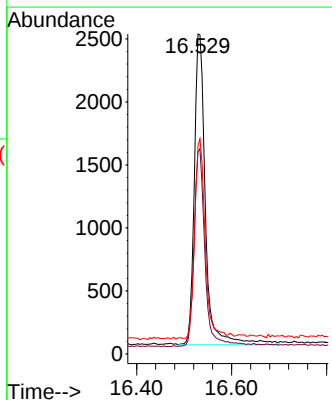
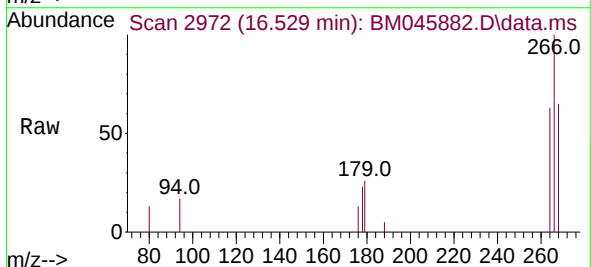
Manual Integrations
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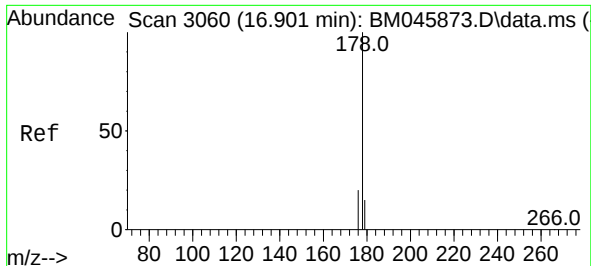
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#14
Pentachlorophenol
Concen: 0.822 ng/ul
RT: 16.529 min Scan# 2972
Delta R.T. -0.024 min
Lab File: BM045882.D
Acq: 07 Jun 2024 14:55

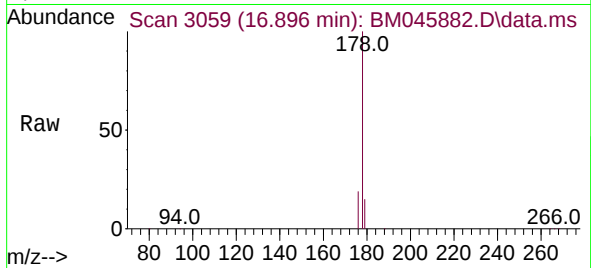
Tgt Ion:266 Resp: 4037
Ion Ratio Lower Upper
266 100
264 61.9 47.9 71.9
268 60.6 50.9 76.3





#15
Phenanthrene
Concen: 9.568 ng/ul
RT: 16.896 min Scan# 3059
Delta R.T. -0.007 min
Lab File: BM045882.D
Acq: 07 Jun 2024 14:55

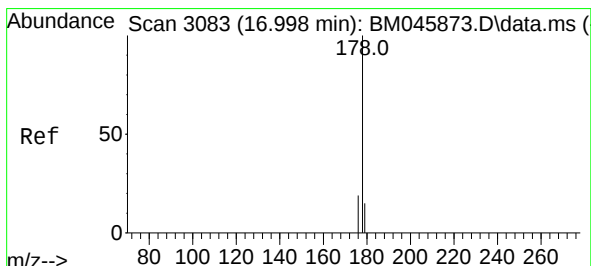
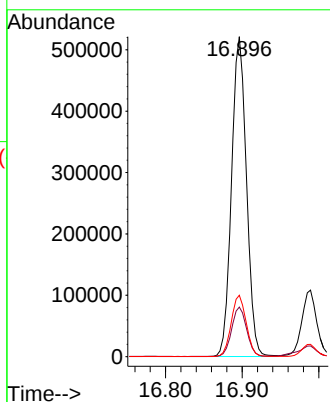
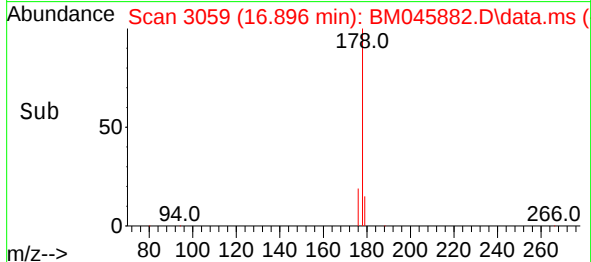
Instrument :
BNA_M
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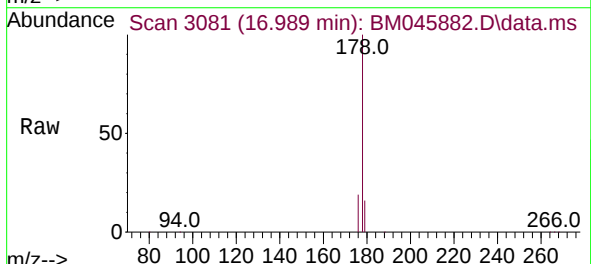
Tgt Ion:178 Resp: 70556
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.2 15.6 23.4

Manual Integrations
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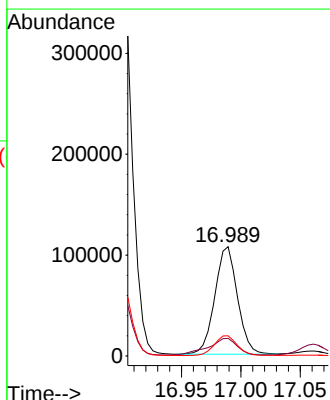
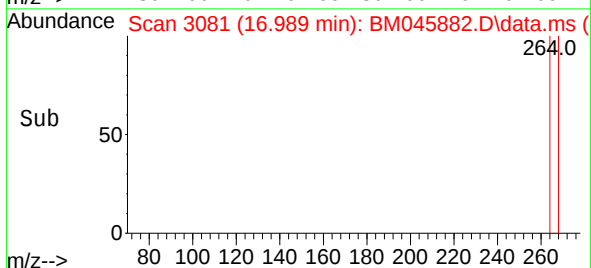
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

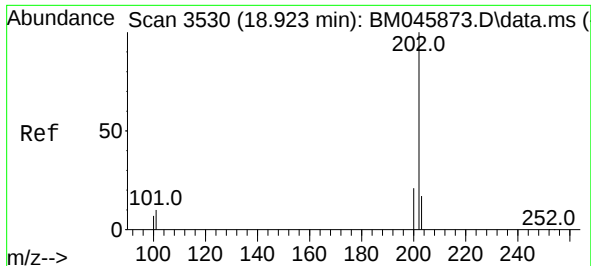


#16
Anthracene
Concen: 2.255 ng/ul
RT: 16.989 min Scan# 3081
Delta R.T. -0.007 min
Lab File: BM045882.D
Acq: 07 Jun 2024 14:55



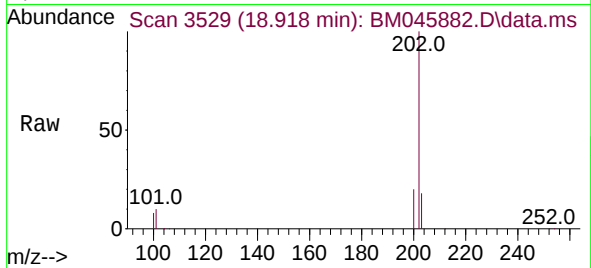
Tgt Ion:178 Resp: 141851
Ion Ratio Lower Upper
178 100
179 16.2 13.1 19.7
176 18.5 15.5 23.3





#19
Fluoranthene
Concen: 20.284 ng/ul
RT: 18.918 min Scan# 3529
Delta R.T. -0.003 min
Lab File: BM045882.D
Acq: 07 Jun 2024 14:55

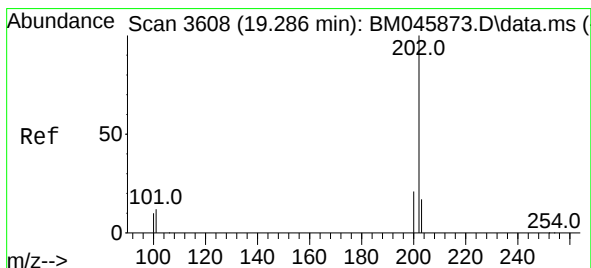
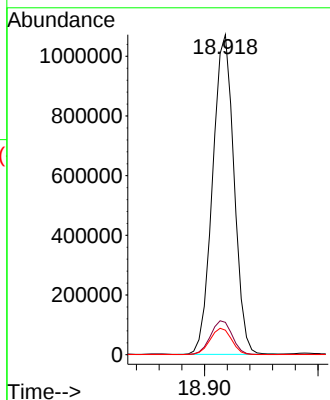
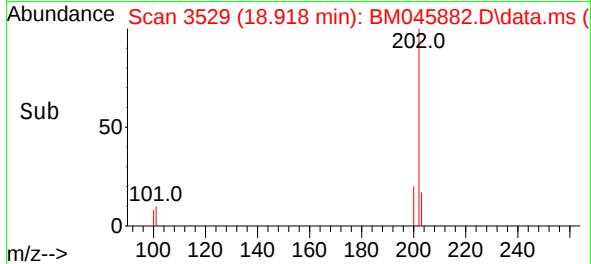
Instrument :
BNA_M
ClientSampleId :
A4D18MSD



Tgt Ion:202 Resp: 1401064
Ion Ratio Lower Upper
202 100
101 10.1 9.0 13.6
100 7.7 7.0 10.6

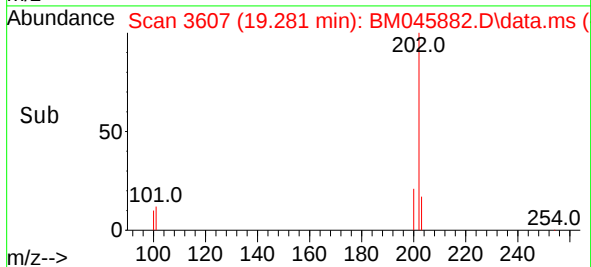
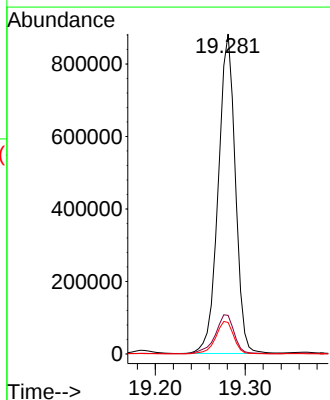
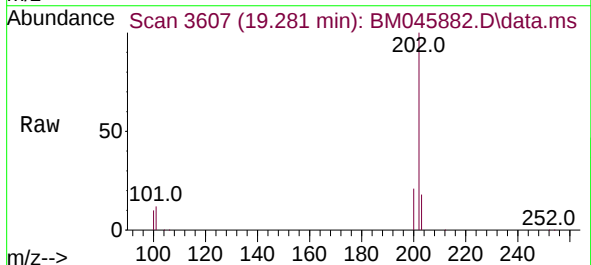
Manual Integrations
APPROVED

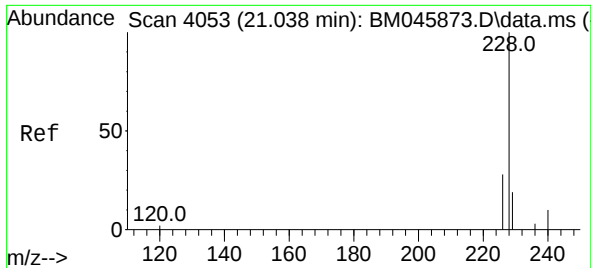
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#20
Pyrene
Concen: 16.102 ng/ul
RT: 19.281 min Scan# 3607
Delta R.T. -0.003 min
Lab File: BM045882.D
Acq: 07 Jun 2024 14:55

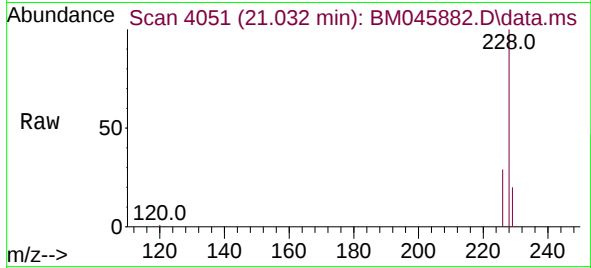
Tgt Ion:202 Resp: 1160186
Ion Ratio Lower Upper
202 100
101 12.1 10.6 16.0
100 9.9 9.1 13.7





#21
Benzo(a)anthracene
Concen: 9.530 ng/ul
RT: 21.032 min Scan# 4051
Delta R.T. -0.003 min
Lab File: BM045882.D
Acq: 07 Jun 2024 14:55

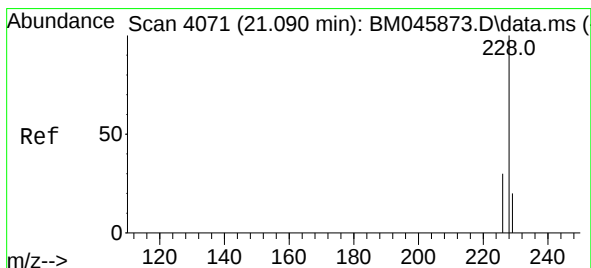
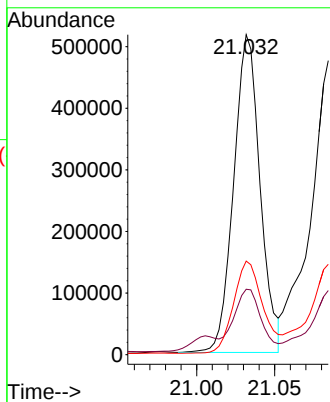
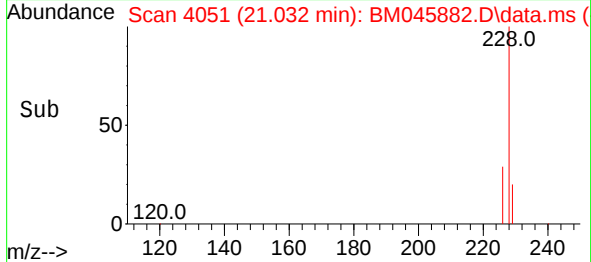
Instrument :
BNA_M
ClientSampleId :
A4D18MSD



Tgt Ion:228 Resp: 60595
Ion Ratio Lower Upper
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229 20.4 15.7 23.5
226 29.3 22.0 33.0

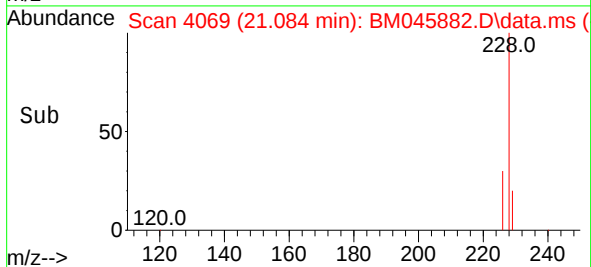
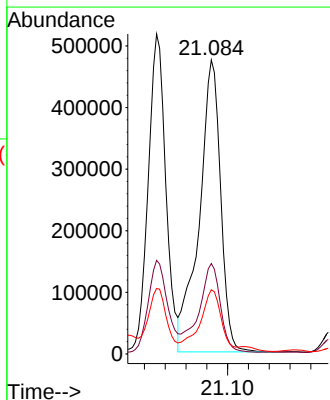
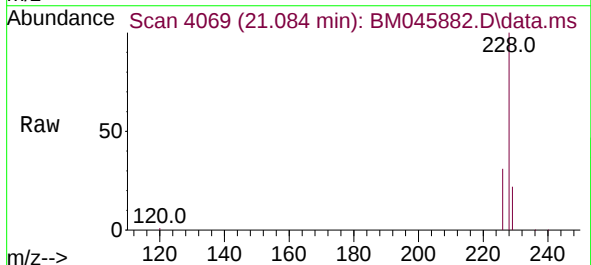
Manual Integrations
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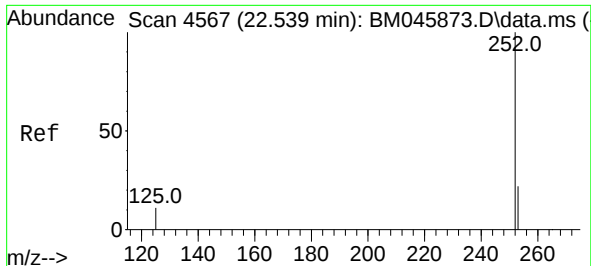
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#22
Chrysene
Concen: 9.800 ng/ul
RT: 21.084 min Scan# 4069
Delta R.T. -0.003 min
Lab File: BM045882.D
Acq: 07 Jun 2024 14:55

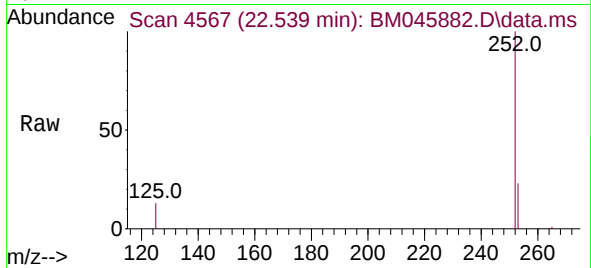
Tgt Ion:228 Resp: 678341
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 21.8 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 11.395 ng/ul m
RT: 22.539 min Scan# 4567
Delta R.T. 0.002 min
Lab File: BM045882.D
Acq: 07 Jun 2024 14:55

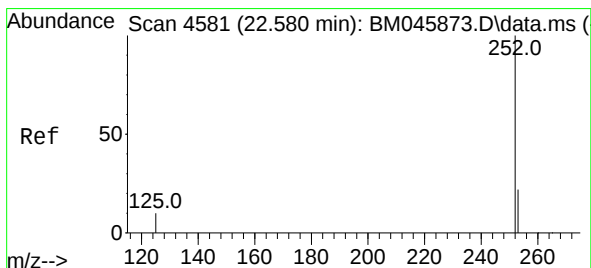
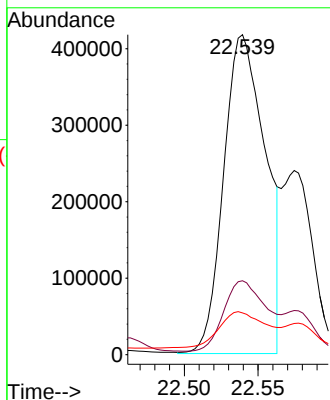
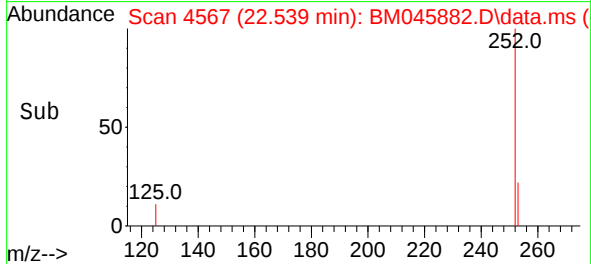
Instrument :
BNA_M
ClientSampleId :
A4D18MSD



Tgt Ion:252 Resp: 821474
Ion Ratio Lower Upper
252 100
253 23.1 0.0 63.6
125 13.1 0.0 35.8

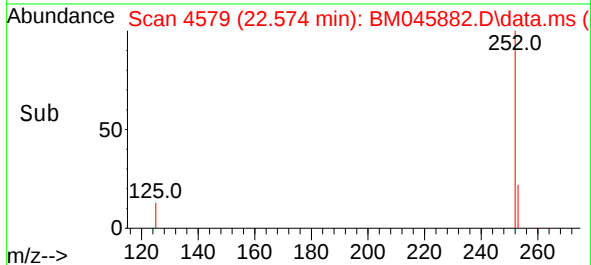
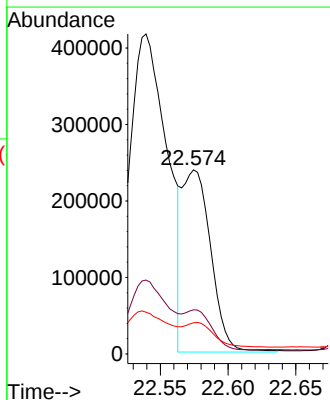
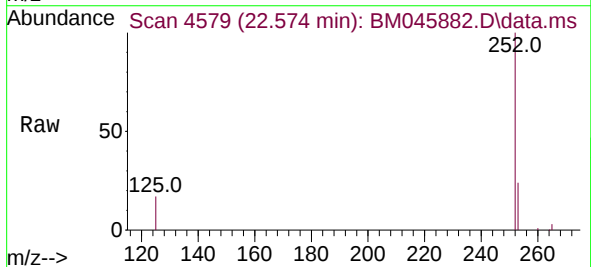
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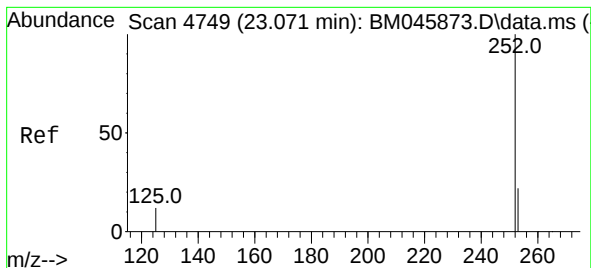
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#25
Benzo(k)fluoranthene
Concen: 4.443 ng/ul m
RT: 22.574 min Scan# 4579
Delta R.T. -0.006 min
Lab File: BM045882.D
Acq: 07 Jun 2024 14:55

Tgt Ion:252 Resp: 352020
Ion Ratio Lower Upper
252 100
253 24.0 25.0 37.6#
125 17.0 14.2 21.2





#26

Benzo(a)pyrene

Concen: 5.478 ng/ul

RT: 23.069 min Scan# 4749

Delta R.T. -0.003 min

Lab File: BM045882.D

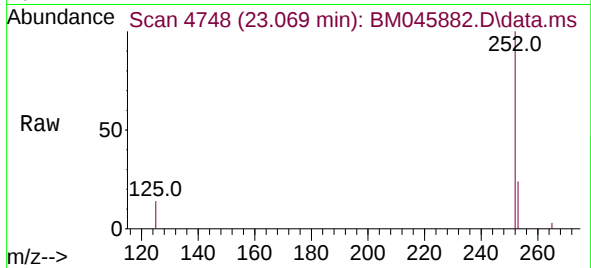
Acq: 07 Jun 2024 14:55

Instrument :

BNM

ClientSampleId :

A4D18MSD



Tgt Ion:252 Resp: 392720

Ion Ratio Lower Upper

252 100

253 23.9 28.8 43.2

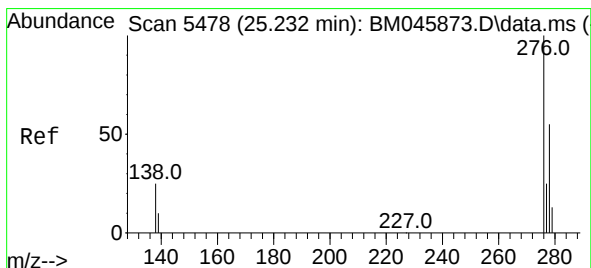
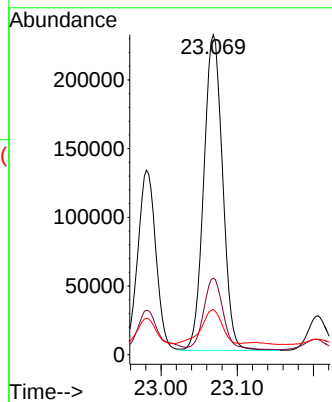
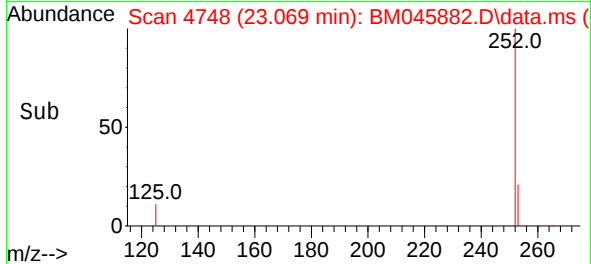
125 14.2 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/13/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 3.852 ng/ul

RT: 25.232 min Scan# 5478

Delta R.T. -0.000 min

Lab File: BM045882.D

Acq: 07 Jun 2024 14:55

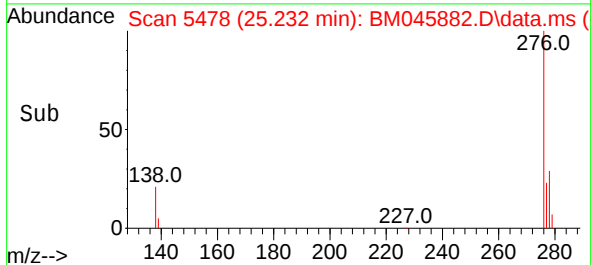
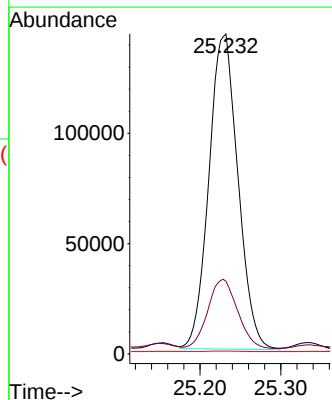
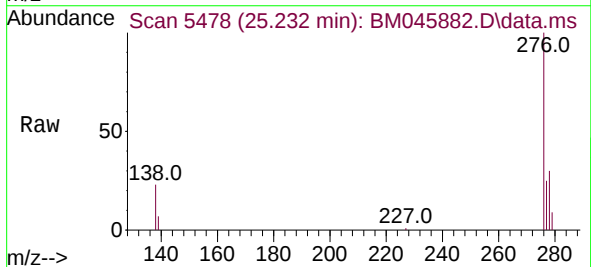
Tgt Ion:276 Resp: 357078

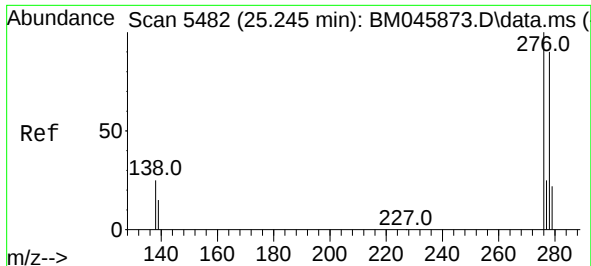
Ion Ratio Lower Upper

276 100

138 22.4 20.7 31.1

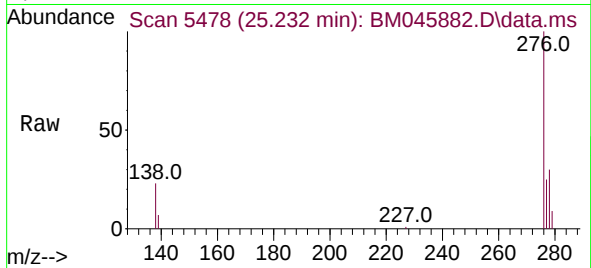
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 1.640 ng/ul
RT: 25.232 min Scan# 5482
Delta R.T. -0.017 min
Lab File: BM045882.D
Acq: 07 Jun 2024 14:55

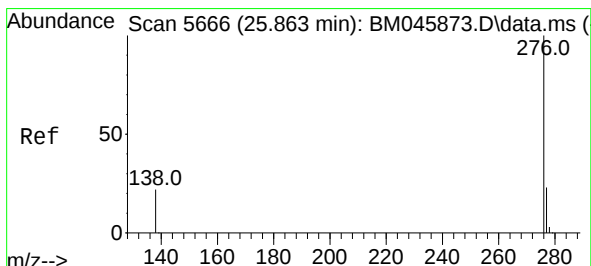
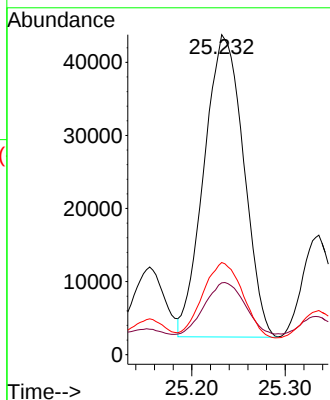
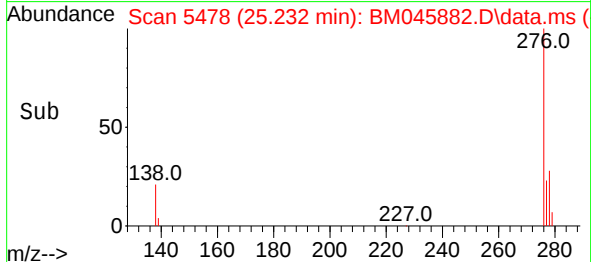
Instrument :
BNA_M
ClientSampleId :
A4D18MSD



Tgt Ion:278 Resp: 12152
Ion Ratio Lower Upper
278 100
139 22.5 16.6 25.0
279 28.8 24.6 37.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#29
Benzo(g,h,i)perylene
Concen: 0.718 ng/ul
RT: 25.859 min Scan# 5665
Delta R.T. -0.003 min
Lab File: BM045882.D
Acq: 07 Jun 2024 14:55

Tgt Ion:276 Resp: 57418
Ion Ratio Lower Upper
276 100
138 30.2 21.0 31.4
277 28.0 20.5 30.7

