

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046313.D
 Acq On : 26 Jun 2024 04:51
 Operator : MA/JU
 Sample : P2909-06MS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B84MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 05:20:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 26 03:24:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.421	152	1954	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.187	136	5965	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.047	164	3518	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.790	188	7730	0.400	ng/ul	-0.05
17) Chrysene-d12	20.991	240	6186	0.400	ng/ul	-0.03
23) Perylene-d12	23.081	264	9859	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	1159	0.432	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.793	152	2245	0.280	ng/ul	-0.05
18) Fluoranthene-d10	18.824	212	6170	0.333	ng/ul	-0.03
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.050	88	2892	0.962	ng/ul	90
5) Naphthalene	10.237	128	20389	1.226	ng/ul	95
7) 2-Methylnaphthalene	11.859	142	9926	1.060	ng/ul	98
8) 1-Methylnaphthalene	12.074	142	8956	0.872	ng/ul	98
10) Acenaphthylene	13.770	152	12527	0.751	ng/ul	98
11) Acenaphthene	14.108	153	27027	2.244	ng/ul	98
12) Fluorene	15.107	166	39340	3.043	ng/ul	99
14) Pentachlorophenol	16.477	266	489	0.211	ng/ul	98
15) Phenanthrene	16.828	178	629280	28.976	ng/ul	96
16) Anthracene	16.925	178	127943	7.910	ng/ul	96
19) Fluoranthene	18.852	202	805680	30.080	ng/ul#	94
20) Pyrene	19.215	202	510406	17.621	ng/ul	95
21) Benzo(a)anthracene	20.974	228	330896	13.848	ng/ul	99
22) Chrysene	21.026	228	300318	9.849	ng/ul	99
24) Benzo(b)fluoranthene	22.467	252	387308m	10.904	ng/ul	
25) Benzo(k)fluoranthene	22.502	252	140443m	3.326	ng/ul	
26) Benzo(a)pyrene	22.990	252	136605m	4.150	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.112	276	130599	2.424	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.119	278	58854	1.468	ng/ul	92
29) Benzo(g,h,i)perylene	25.736	276	17028	0.369	ng/ul	96

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

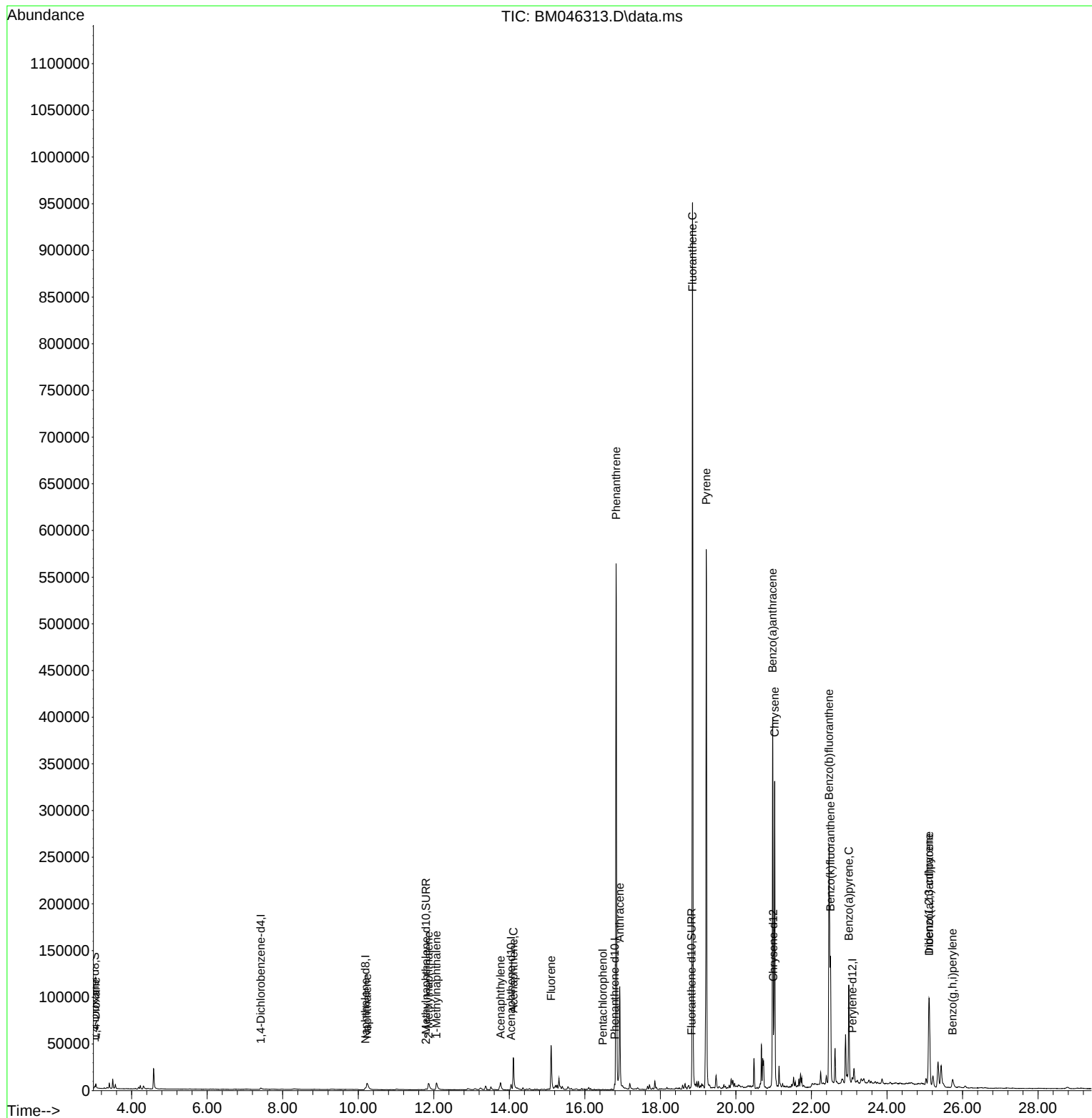
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046313.D
Acq On : 26 Jun 2024 04:51
Operator : MA/JU
Sample : P2909-06MS
Misc :
ALS Vial : 74 Sample Multiplier: 1

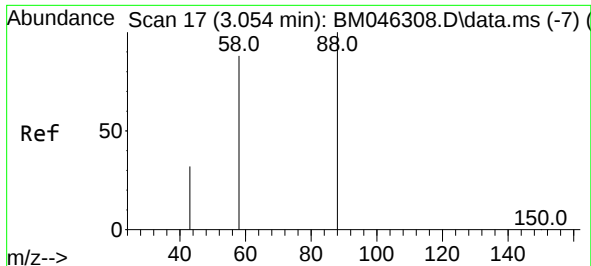
Instrument :
BNA_M
ClientSampleId :
A4B84MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

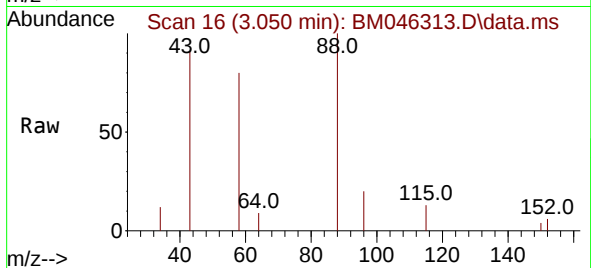
Quant Time: Jun 26 05:20:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 26 03:24:28 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.962 ng/ul
RT: 3.050 min Scan# 11
Delta R.T. -0.004 min
Lab File: BM046313.D
Acq: 26 Jun 2024 04:51

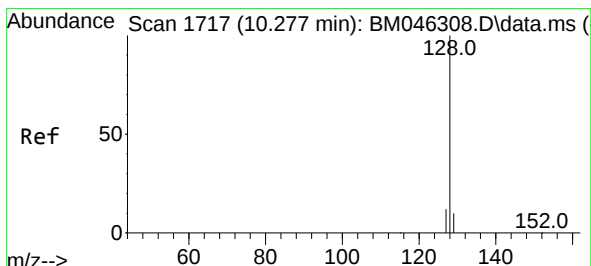
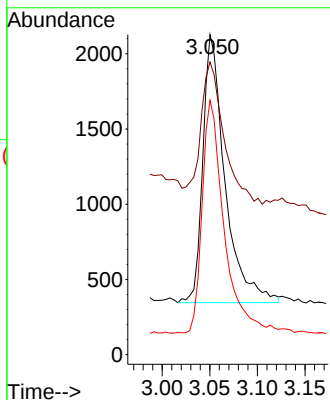
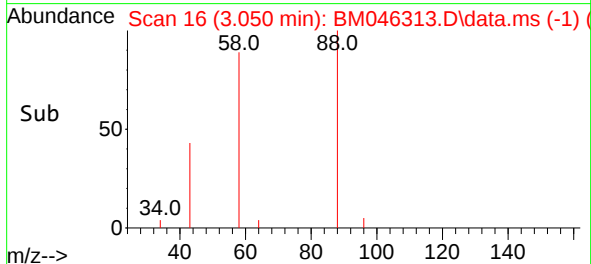
Instrument :
BNA_M
ClientSampleId :
A4B84MS



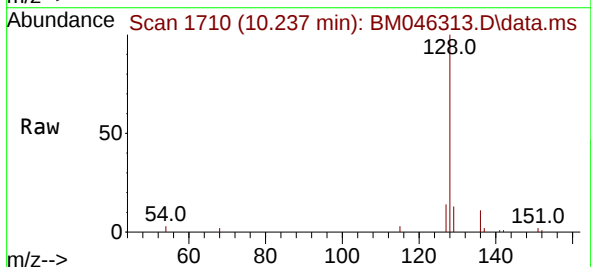
Tgt Ion: 88 Resp: 2892
Ion Ratio Lower Upper
88 100
43 91.4 69.8 104.8
58 79.5 53.2 79.8

Manual Integrations
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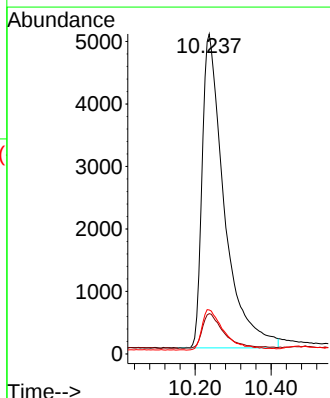
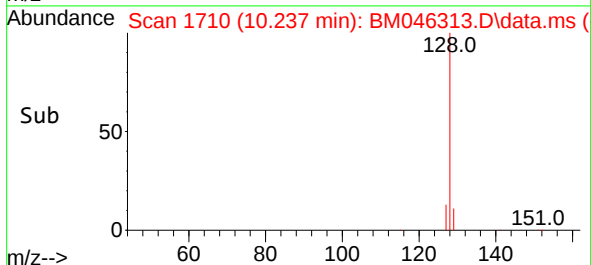
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

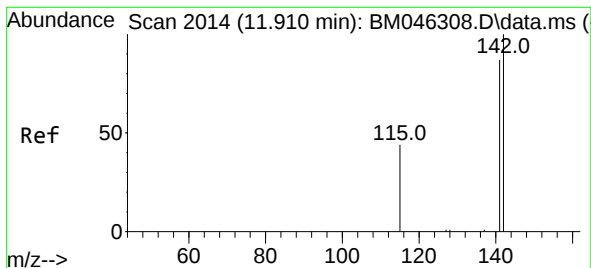


#5
Naphthalene
Concen: 1.226 ng/ul
RT: 10.237 min Scan# 1710
Delta R.T. -0.040 min
Lab File: BM046313.D
Acq: 26 Jun 2024 04:51



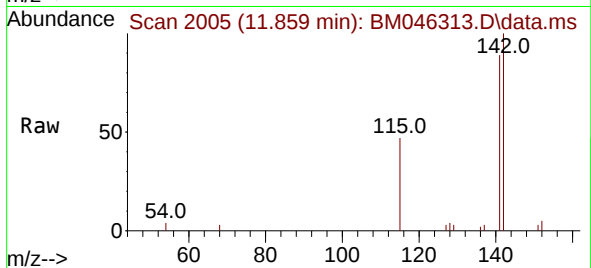
Tgt Ion:128 Resp: 20389
Ion Ratio Lower Upper
128 100
129 12.6 11.8 17.6
127 13.7 12.8 19.2





#7
2-Methylnaphthalene
Concen: 1.060 ng/ul
RT: 11.859 min Scan# 2005
Delta R.T. -0.051 min
Lab File: BM046313.D
Acq: 26 Jun 2024 04:51

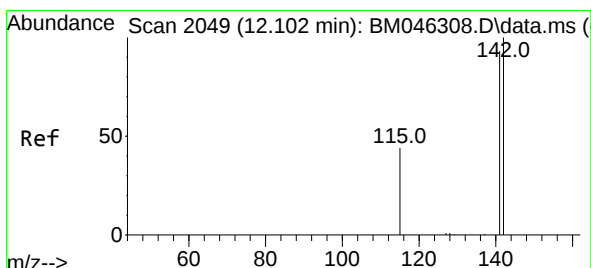
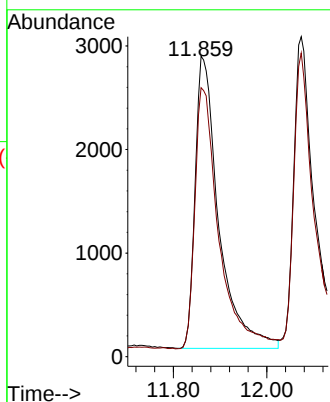
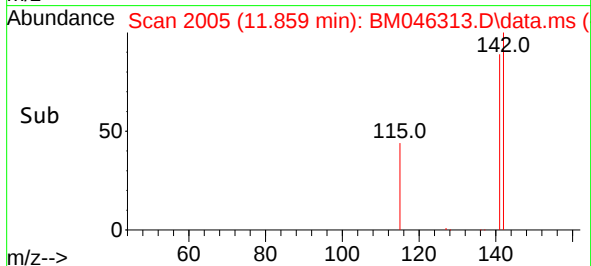
Instrument :
BNA_M
ClientSampleId :
A4B84MS



Tgt Ion:142 Resp: 9920
Ion Ratio Lower Upper
142 100
141 91.3 74.6 111.8

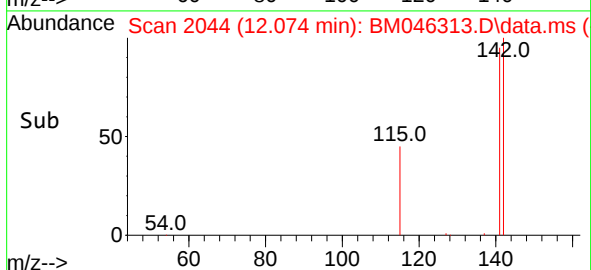
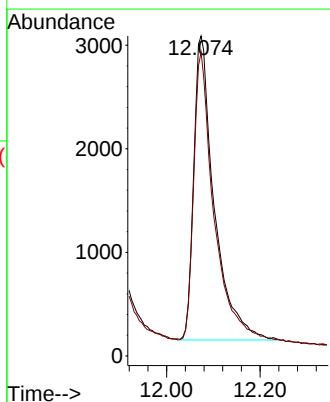
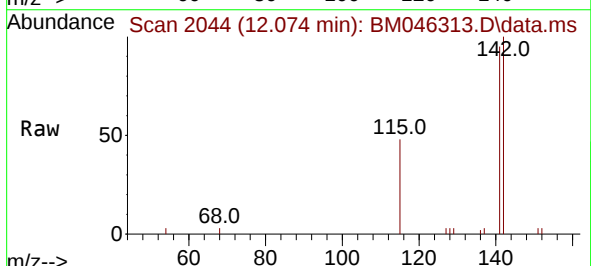
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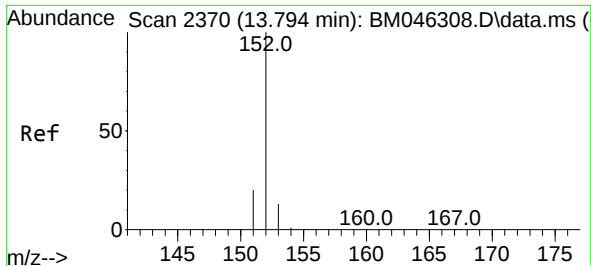
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#8
1-Methylnaphthalene
Concen: 0.872 ng/ul
RT: 12.074 min Scan# 2044
Delta R.T. -0.029 min
Lab File: BM046313.D
Acq: 26 Jun 2024 04:51

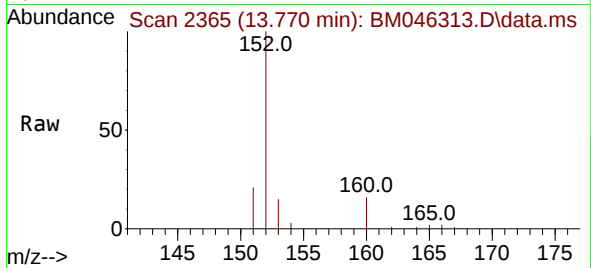
Tgt Ion:142 Resp: 8956
Ion Ratio Lower Upper
142 100
141 92.2 75.2 112.8





#10
Acenaphthylene
Concen: 0.751 ng/ul
RT: 13.770 min Scan# 21
Delta R.T. -0.024 min
Lab File: BM046313.D
Acq: 26 Jun 2024 04:51

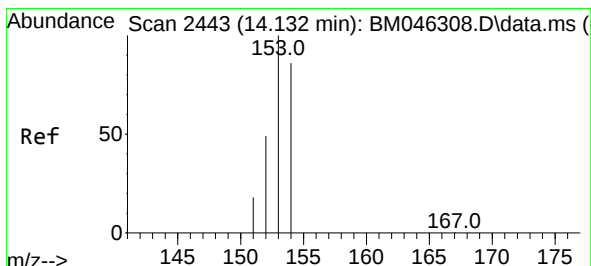
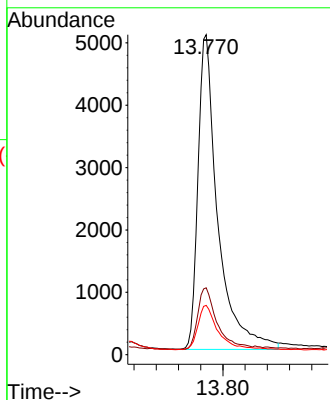
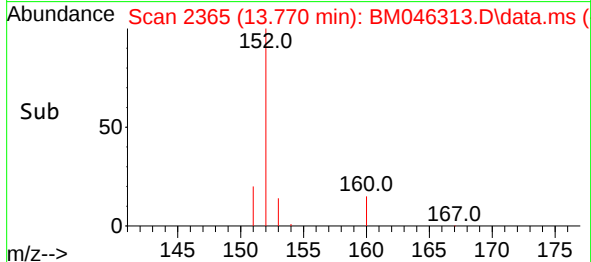
Instrument :
BNA_M
ClientSampleId :
A4B84MS



Tgt Ion:152 Resp: 1252
Ion Ratio Lower Upper
152 100
151 20.9 17.4 26.2
153 15.4 11.8 17.8

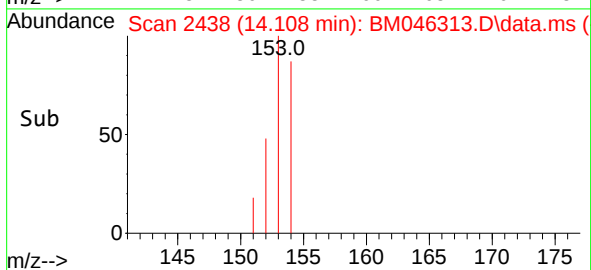
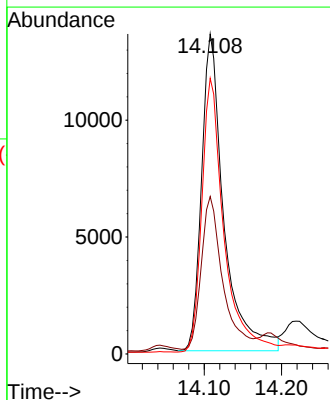
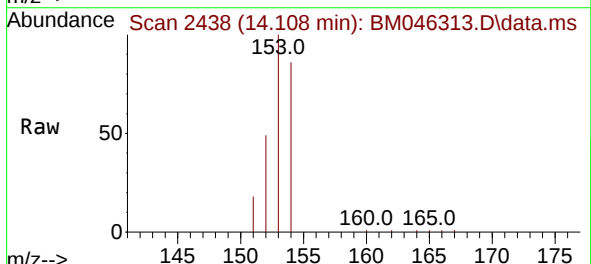
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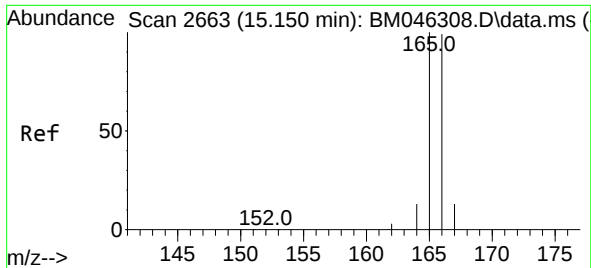
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#11
Acenaphthene
Concen: 2.244 ng/ul
RT: 14.108 min Scan# 2438
Delta R.T. -0.024 min
Lab File: BM046313.D
Acq: 26 Jun 2024 04:51

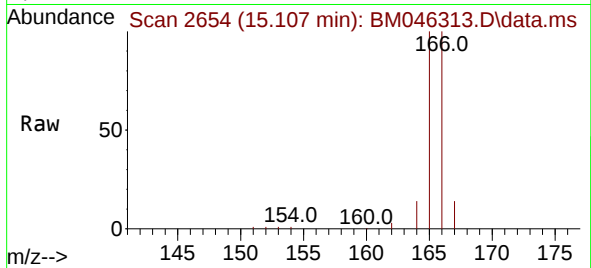
Tgt Ion:153 Resp: 27027
Ion Ratio Lower Upper
153 100
152 49.2 41.3 61.9
154 86.2 68.2 102.4





#12
Fluorene
Concen: 3.043 ng/ul
RT: 15.107 min Scan# 20
Delta R.T. -0.043 min
Lab File: BM046313.D
Acq: 26 Jun 2024 04:51

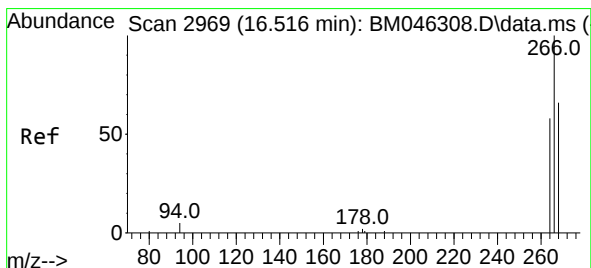
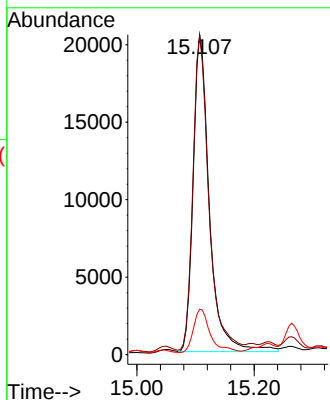
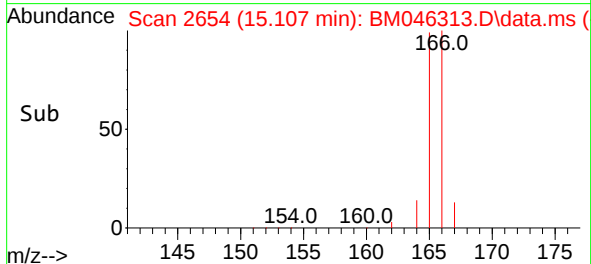
Instrument :
BNA_M
ClientSampleId :
A4B84MS



Tgt Ion:166 Resp: 39340
Ion Ratio Lower Upper
166 100
165 100.0 80.4 120.6
167 14.2 12.4 18.6

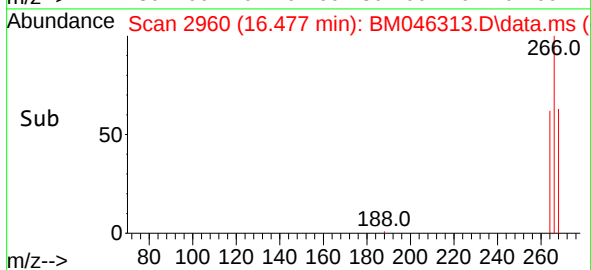
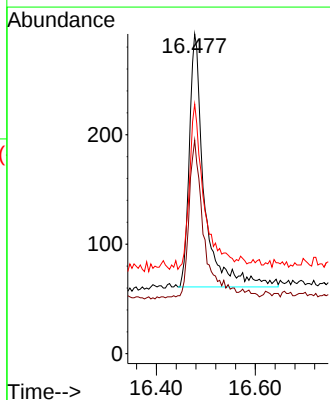
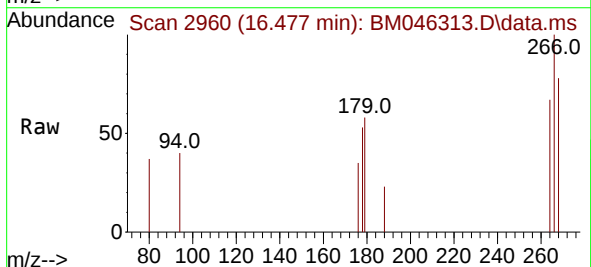
Manual Integrations
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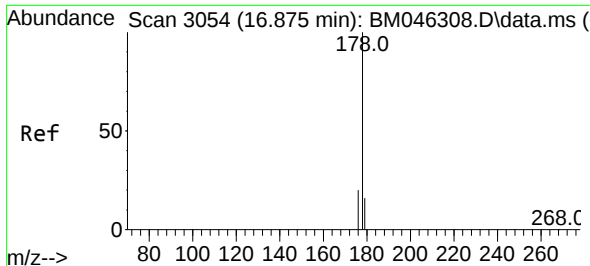
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#14
Pentachlorophenol
Concen: 0.211 ng/ul
RT: 16.477 min Scan# 2960
Delta R.T. -0.039 min
Lab File: BM046313.D
Acq: 26 Jun 2024 04:51

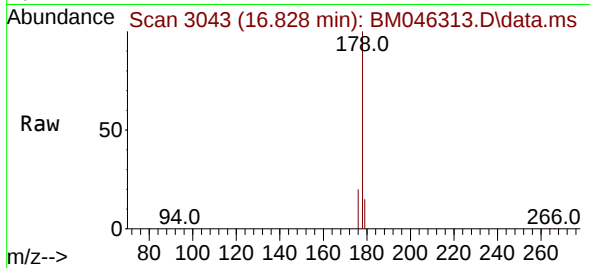
Tgt Ion:266 Resp: 489
Ion Ratio Lower Upper
266 100
264 61.6 50.9 76.3
268 66.5 52.3 78.5





#15
Phenanthrene
Concen: 28.976 ng/u1
RT: 16.828 min Scan# 3043
Delta R.T. -0.048 min
Lab File: BM046313.D
Acq: 26 Jun 2024 04:51

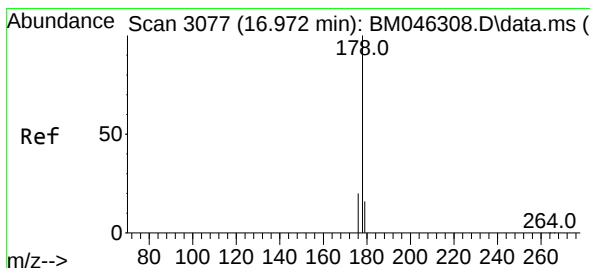
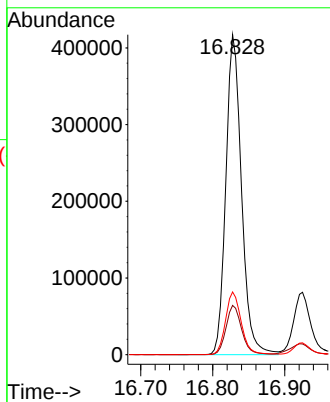
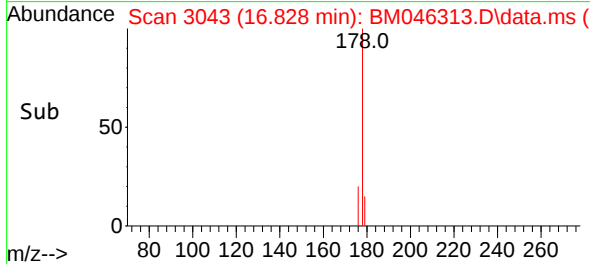
Instrument :
BNA_M
ClientSampleId :
A4B84MS



Tgt Ion:178 Resp: 629280
Ion Ratio Lower Upper
178 100
179 15.4 14.2 21.2
176 19.6 17.1 25.7

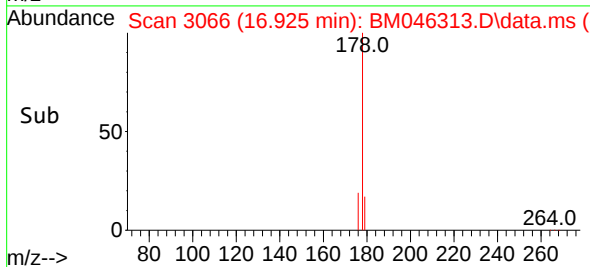
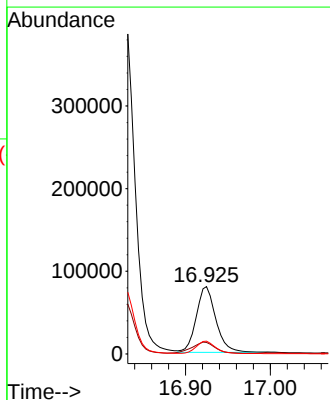
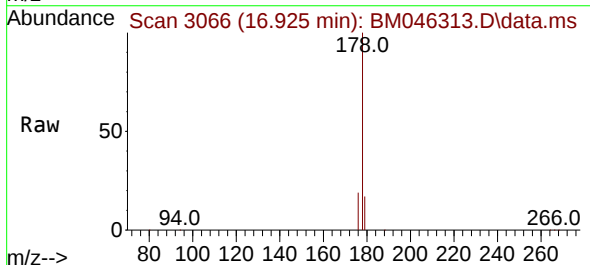
Manual Integrations
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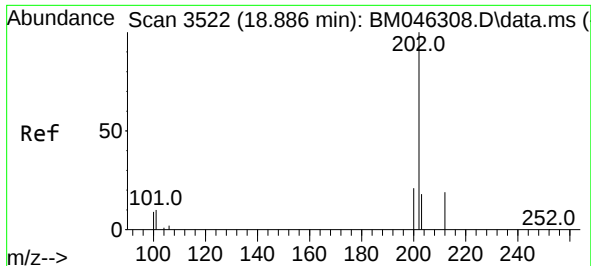
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#16
Anthracene
Concen: 7.910 ng/u1
RT: 16.925 min Scan# 3066
Delta R.T. -0.048 min
Lab File: BM046313.D
Acq: 26 Jun 2024 04:51

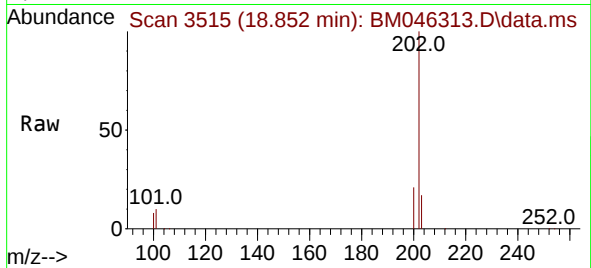
Tgt Ion:178 Resp: 127943
Ion Ratio Lower Upper
178 100
179 17.1 14.9 22.3
176 18.9 17.0 25.4





#19
Fluoranthene
Concen: 30.080 ng/u1
RT: 18.852 min Scan# 3515
Delta R.T. -0.034 min
Lab File: BM046313.D
Acq: 26 Jun 2024 04:51

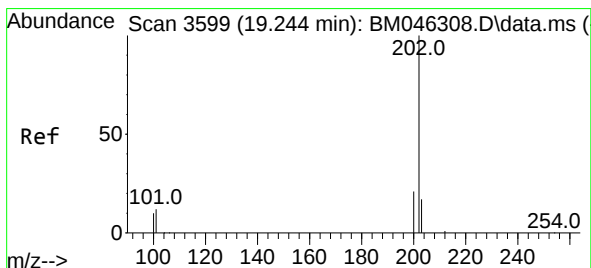
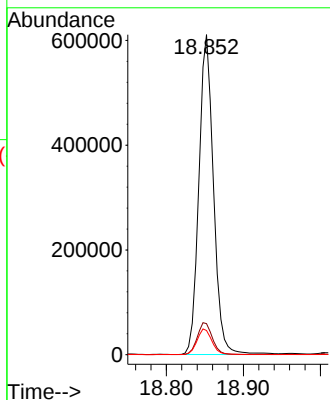
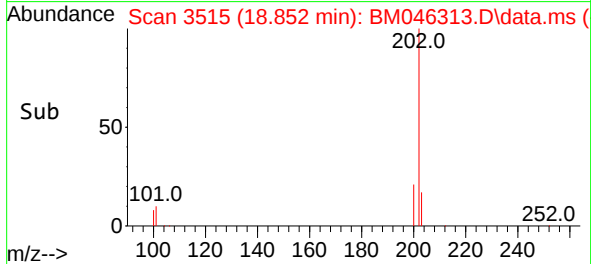
Instrument :
BNA_M
ClientSampleId :
A4B84MS



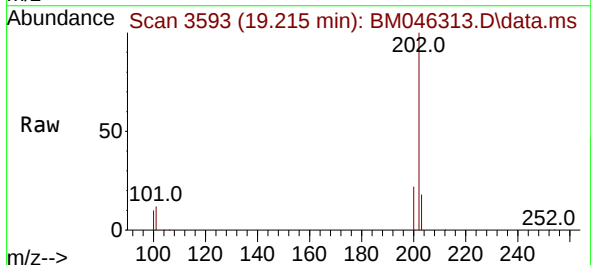
Tgt Ion:202 Resp: 805680
Ion Ratio Lower Upper
202 100
101 9.7 9.6 14.4
100 7.5 7.6 11.4

Manual Integrations
APPROVED

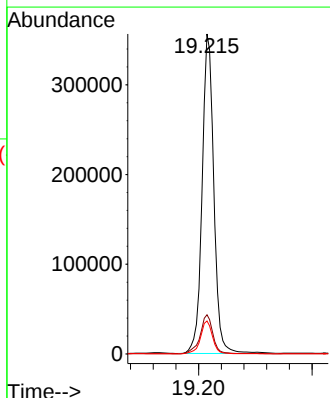
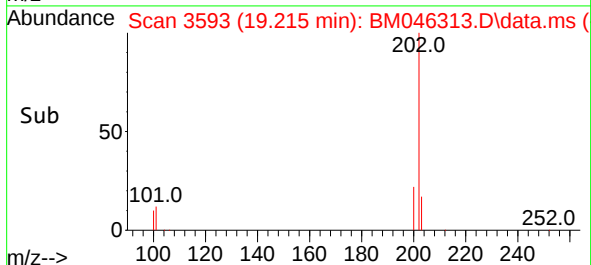
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

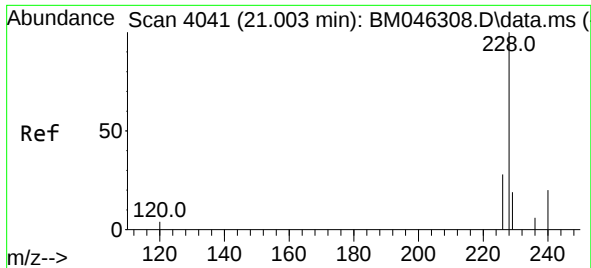


#20
Pyrene
Concen: 17.621 ng/u1
RT: 19.215 min Scan# 3593
Delta R.T. -0.029 min
Lab File: BM046313.D
Acq: 26 Jun 2024 04:51



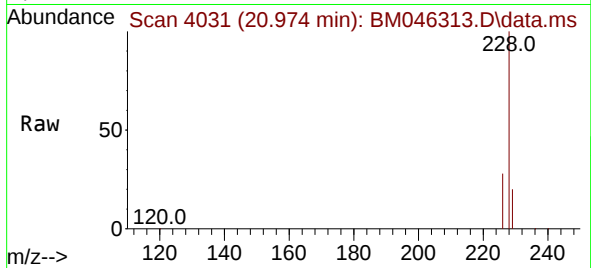
Tgt Ion:202 Resp: 510406
Ion Ratio Lower Upper
202 100
101 12.2 11.3 16.9
100 10.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 13.848 ng/ul
RT: 20.974 min Scan# 4041
Delta R.T. -0.029 min
Lab File: BM046313.D
Acq: 26 Jun 2024 04:51

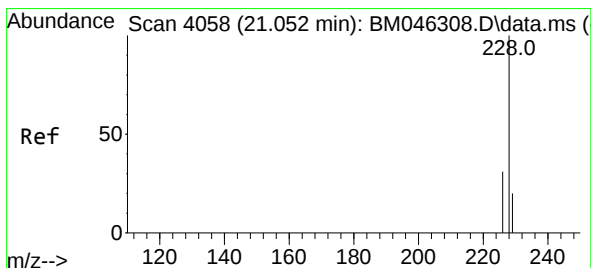
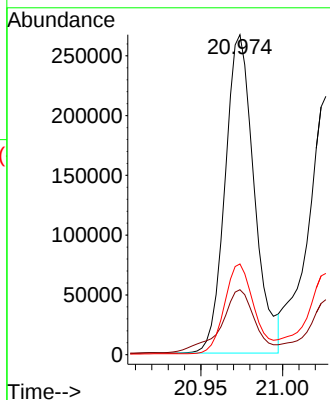
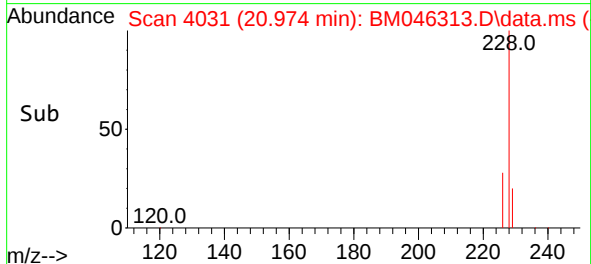
Instrument :
BNA_M
ClientSampleId :
A4B84MS



Tgt Ion:228 Resp: 330890
Ion Ratio Lower Upper
228 100
229 20.3 16.4 24.6
226 28.3 23.4 35.2

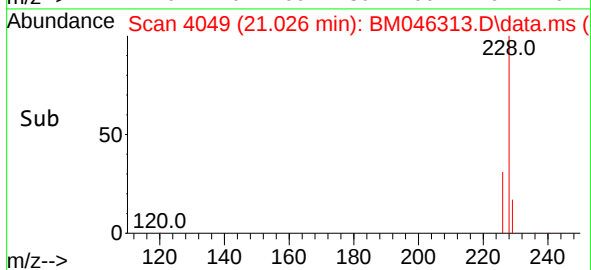
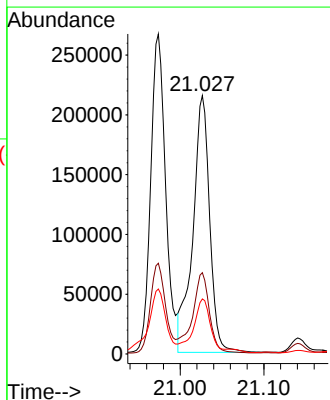
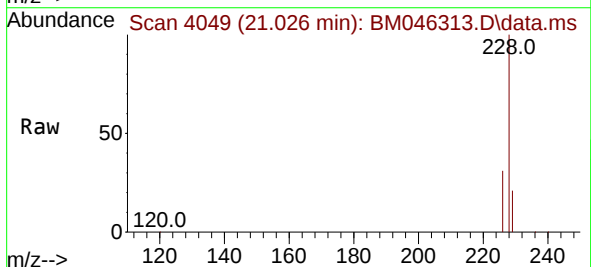
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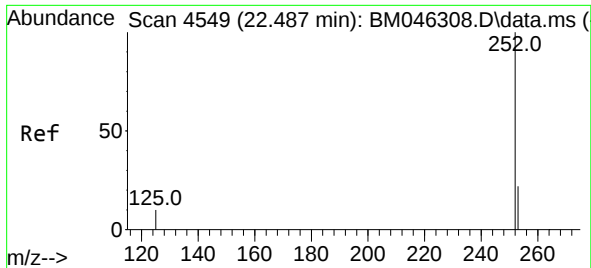
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#22
Chrysene
Concen: 9.849 ng/ul
RT: 21.026 min Scan# 4049
Delta R.T. -0.026 min
Lab File: BM046313.D
Acq: 26 Jun 2024 04:51

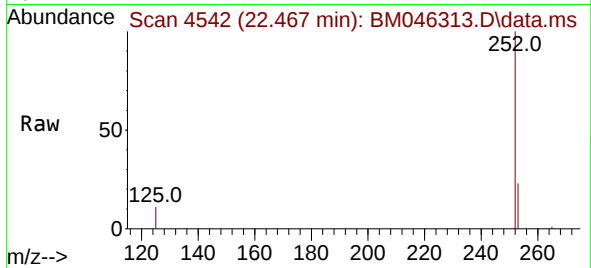
Tgt Ion:228 Resp: 300318
Ion Ratio Lower Upper
228 100
226 31.5 25.2 37.8
229 21.3 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 10.904 ng/ul m
RT: 22.467 min Scan# 4542
Delta R.T. -0.020 min
Lab File: BM046313.D
Acq: 26 Jun 2024 04:51

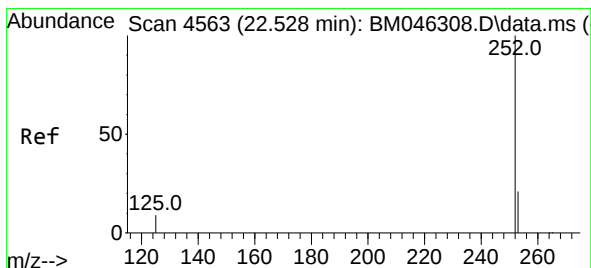
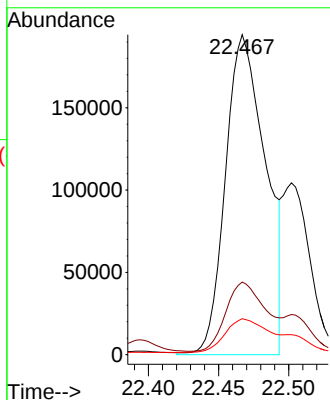
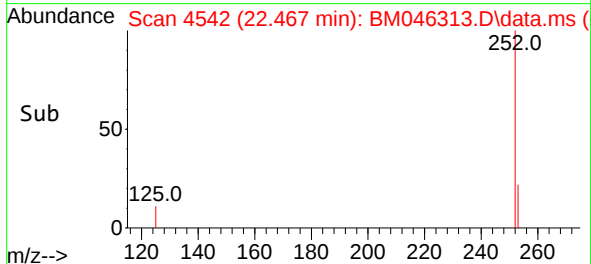
Instrument :
BNA_M
ClientSampleId :
A4B84MS



Tgt Ion:252 Resp: 387308
Ion Ratio Lower Upper
252 100
253 22.7 0.0 65.8
125 11.2 0.0 40.2

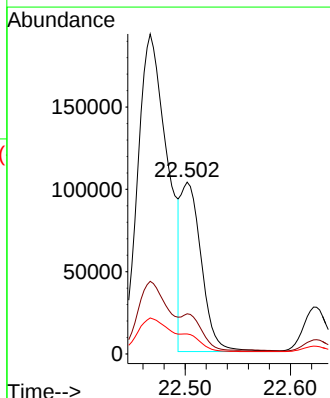
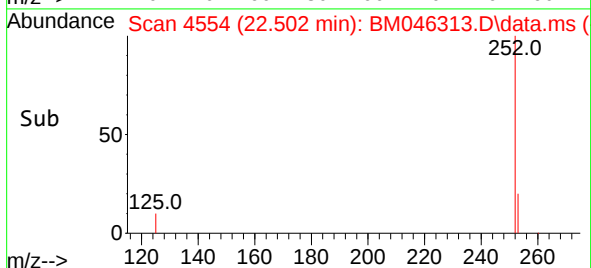
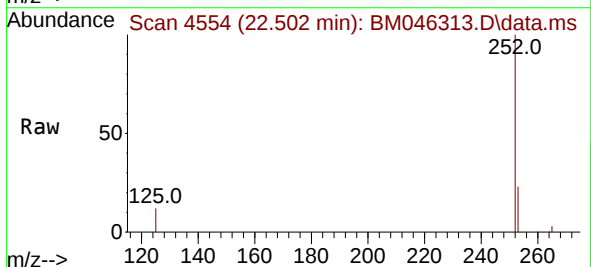
Manual Integrations
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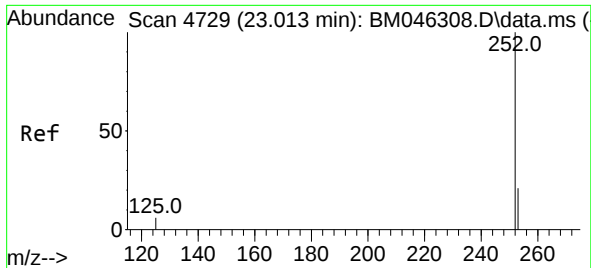
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#25
Benzo(k)fluoranthene
Concen: 3.326 ng/ul m
RT: 22.502 min Scan# 4554
Delta R.T. -0.026 min
Lab File: BM046313.D
Acq: 26 Jun 2024 04:51

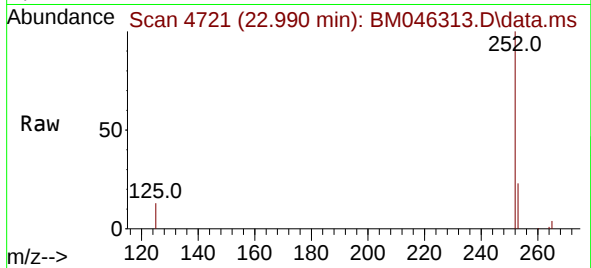
Tgt Ion:252 Resp: 140443
Ion Ratio Lower Upper
252 100
253 23.4 27.2 40.8#
125 11.7 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 4.150 ng/ul m
RT: 22.990 min Scan# 41
Delta R.T. -0.023 min
Lab File: BM046313.D
Acq: 26 Jun 2024 04:51

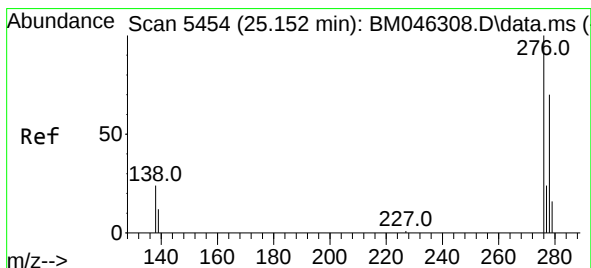
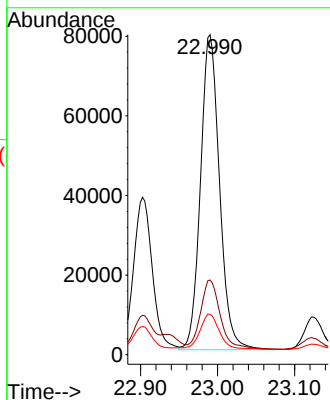
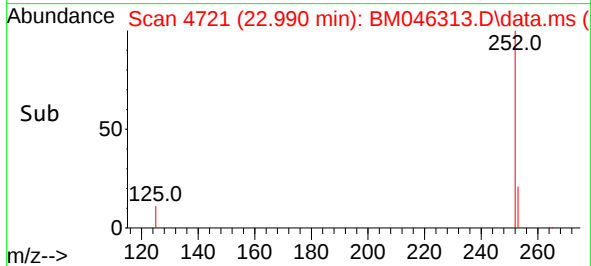
Instrument :
BNA_M
ClientSampleId :
A4B84MS



Tgt Ion:252 Resp: 136609
Ion Ratio Lower Upper
252 100
253 23.4 32.1 48.1
125 12.6 21.2 31.8

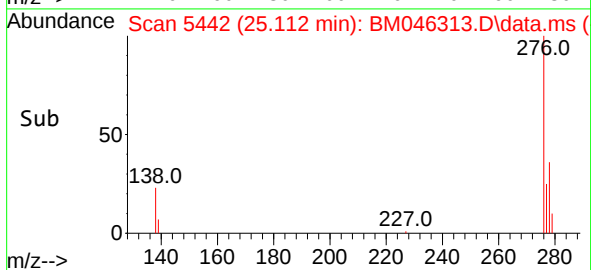
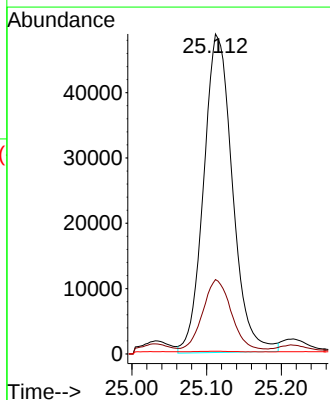
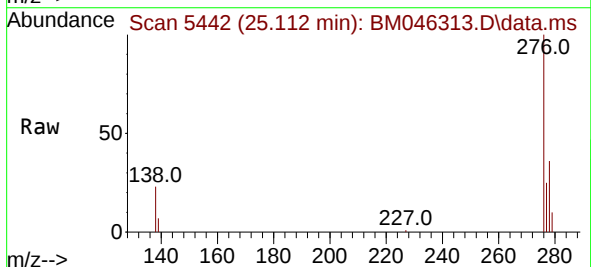
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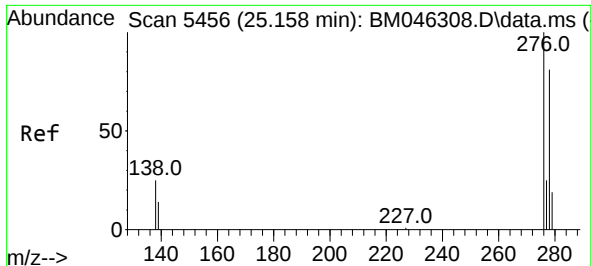
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.424 ng/ul
RT: 25.112 min Scan# 5442
Delta R.T. -0.040 min
Lab File: BM046313.D
Acq: 26 Jun 2024 04:51

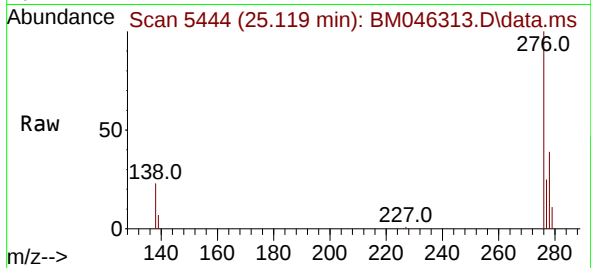
Tgt Ion:276 Resp: 130599
Ion Ratio Lower Upper
276 100
138 23.8 21.0 31.4
227 4.9 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 1.468 ng/ul
RT: 25.119 min Scan# 5456
Delta R.T. -0.040 min
Lab File: BM046313.D
Acq: 26 Jun 2024 04:51

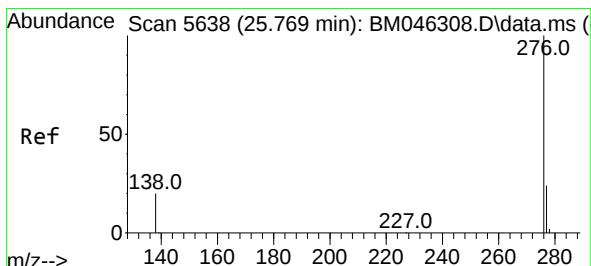
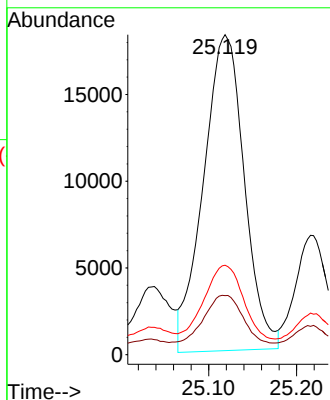
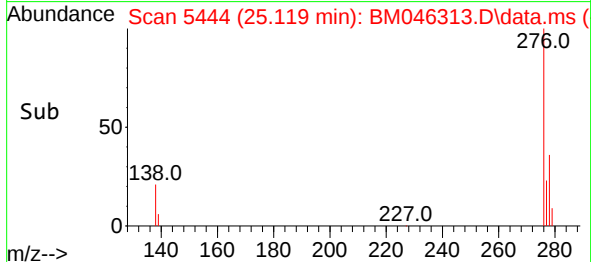
Instrument :
BNA_M
ClientSampleId :
A4B84MS



Tgt Ion:278 Resp: 58854
Ion Ratio Lower Upper
278 100
139 18.5 17.6 26.4
279 28.0 26.3 39.5

Manual Integrations
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Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.369 ng/ul
RT: 25.736 min Scan# 5628
Delta R.T. -0.033 min
Lab File: BM046313.D
Acq: 26 Jun 2024 04:51

Tgt Ion:276 Resp: 17028
Ion Ratio Lower Upper
276 100
138 28.1 21.7 32.5
277 28.9 20.4 30.6

