

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
 Data File : BM049280.D
 Acq On : 28 Dec 2024 07:22
 Operator : RC/JU
 Sample : P5325-02MS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YE680MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 29 21:55:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 26 11:35:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.544	152	5878	0.400	ng/ul	0.00
4) Naphthalene-d8	10.304	136	19934	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.178	164	12832	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.930	188	28157	0.400	ng/ul	0.00
17) Chrysene-d12	21.131	240	25482	0.400	ng/ul	0.00
23) Perylene-d12	23.285	264	27039	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	2220	0.327	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.899	152	6432	0.240	ng/ul	0.00
18) Fluoranthene-d10	18.965	212	17613	0.244	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.172	88	6608	0.834	ng/ul#	81
5) Naphthalene	10.354	128	10568	0.212	ng/ul	98
7) 2-Methylnaphthalene	11.976	142	7082	0.224	ng/ul	99
8) 1-Methylnaphthalene	12.196	142	7225	0.223	ng/ul	100
10) Acenaphthylene	13.896	152	11222	0.211	ng/ul	99
11) Acenaphthene	14.243	153	8528	0.220	ng/ul	99
12) Fluorene	15.238	166	10210	0.233	ng/ul	99
14) Pentachlorophenol	16.588	266	3153	0.405	ng/ul	96
15) Phenanthrene	16.972	178	18049	0.245	ng/ul	99
16) Anthracene	17.061	178	15785	0.234	ng/ul	99
19) Fluoranthene	18.997	202	21783	0.236	ng/ul	98
20) Pyrene	19.360	202	23927	0.244	ng/ul	98
21) Benzo(a)anthracene	21.116	228	20686	0.233	ng/ul	98
22) Chrysene	21.169	228	21835	0.230	ng/ul	98
24) Benzo(b)fluoranthene	22.645	252	20490	0.237	ng/ul	93
25) Benzo(k)fluoranthene	22.689	252	20964m	0.221	ng/ul	
26) Benzo(a)pyrene	23.191	252	19070	0.230	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.417	276	25479	0.217	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.430	278	19700	0.216	ng/ul#	95
29) Benzo(g,h,i)perylene	26.064	276	21185	0.225	ng/ul	98

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

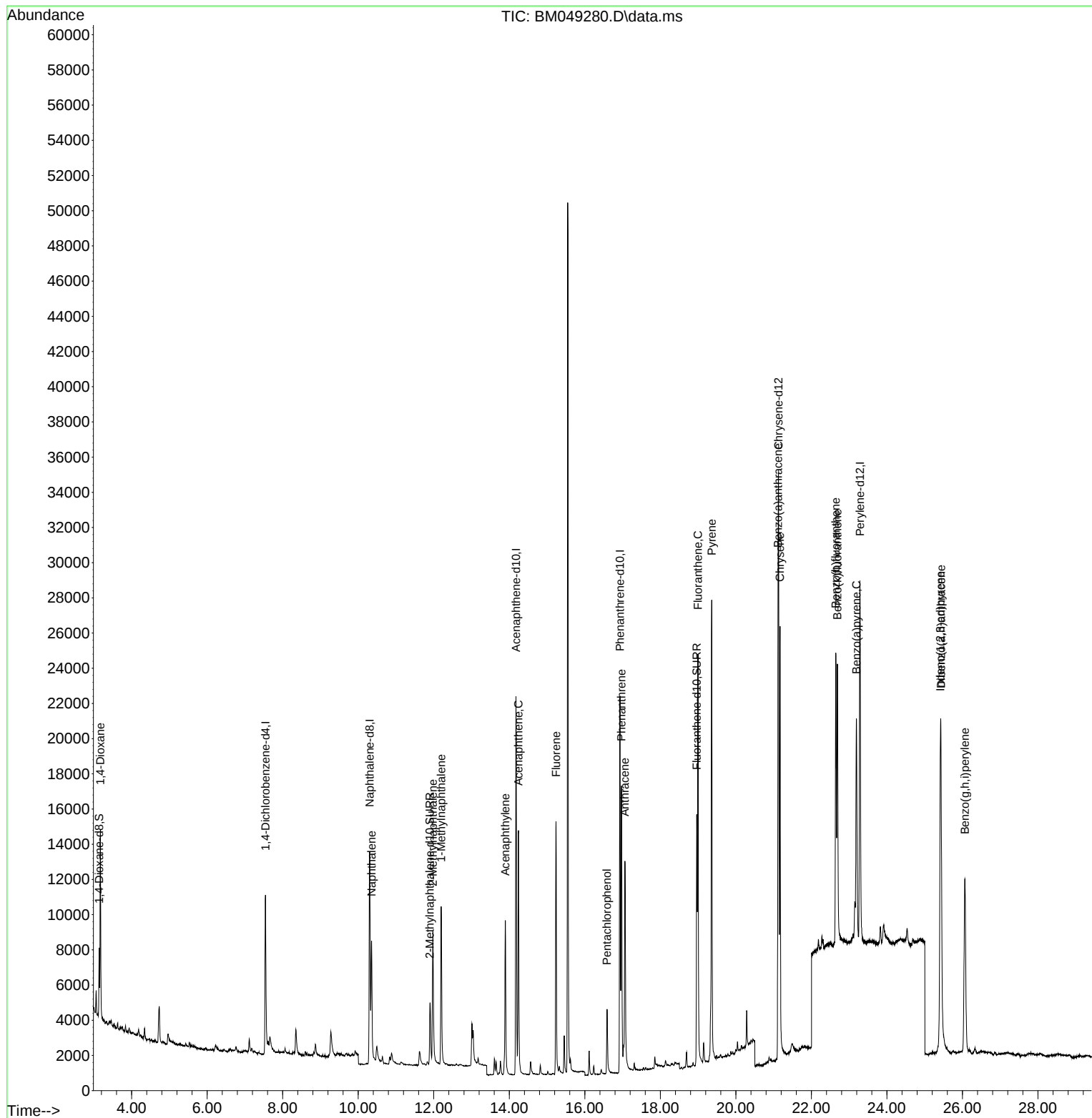
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049280.D
Acq On : 28 Dec 2024 07:22
Operator : RC/JU
Sample : P5325-02MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

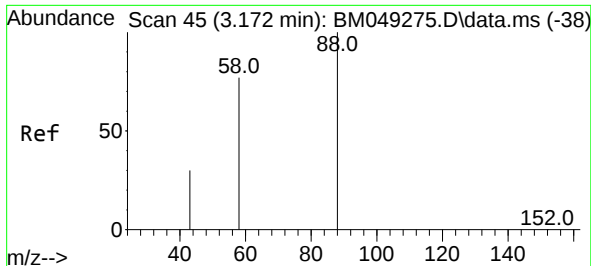
Instrument :
BNA_M
ClientSampleId :
YE680MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

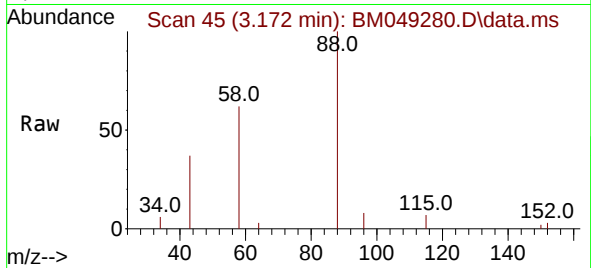
Quant Time: Dec 29 21:55:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.834 ng/ul
RT: 3.172 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM049280.D
Acq: 28 Dec 2024 07:22

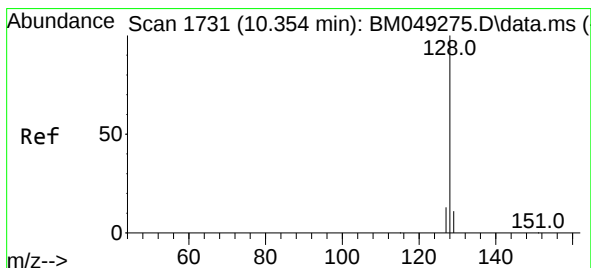
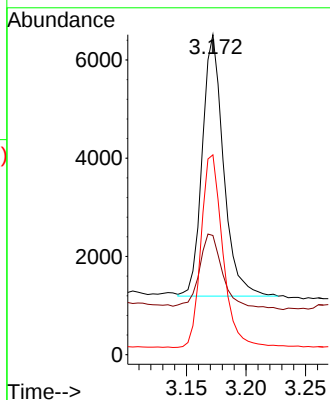
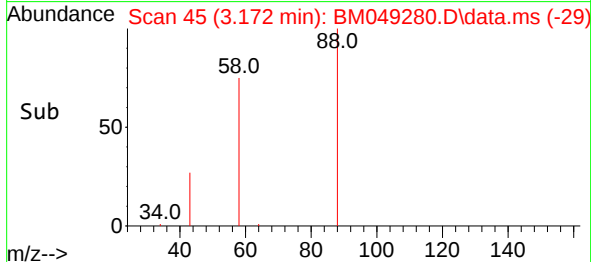
Instrument :
BNA_M
ClientSampleId :
YE680MS



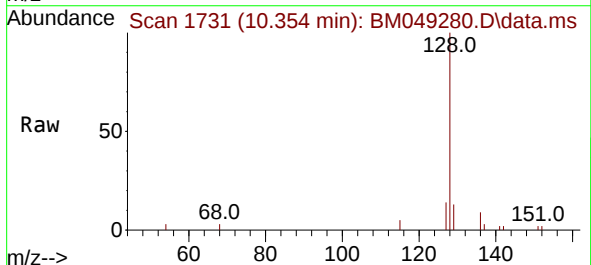
Tgt Ion: 88 Resp: 6608
Ion Ratio Lower Upper
88 100
43 37.2 45.4 68.2
58 62.5 43.6 65.4

Manual Integrations
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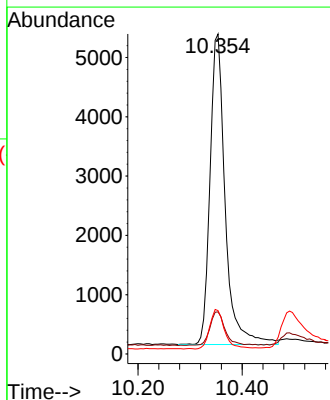
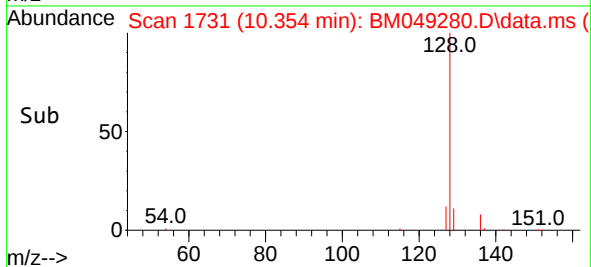
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

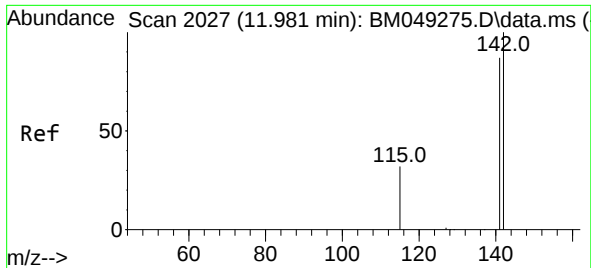


#5
Naphthalene
Concen: 0.212 ng/ul
RT: 10.354 min Scan# 1731
Delta R.T. -0.004 min
Lab File: BM049280.D
Acq: 28 Dec 2024 07:22



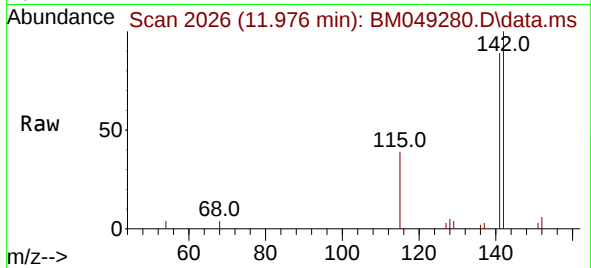
Tgt Ion:128 Resp: 10568
Ion Ratio Lower Upper
128 100
129 13.2 9.7 14.5
127 13.6 10.6 16.0





#7
2-Methylnaphthalene
Concen: 0.224 ng/ul
RT: 11.976 min Scan# 2026
Delta R.T. -0.004 min
Lab File: BM049280.D
Acq: 28 Dec 2024 07:22

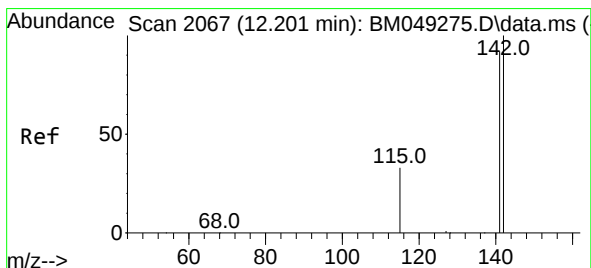
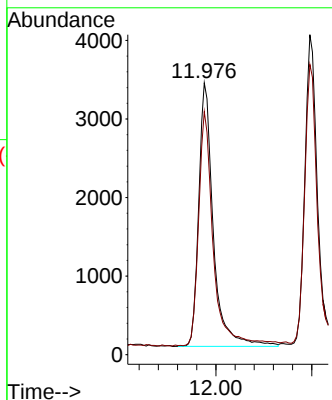
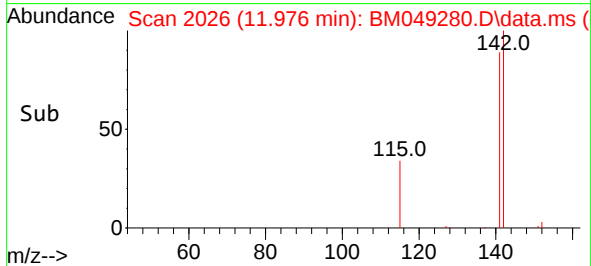
Instrument :
BNA_M
ClientSampleId :
YE680MS



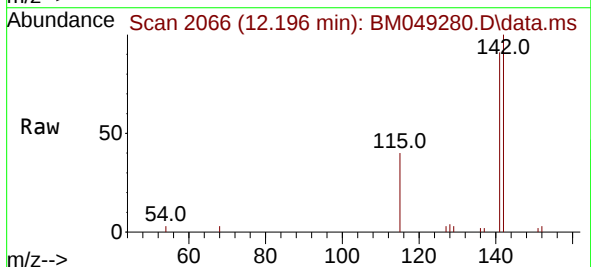
Tgt Ion:142 Resp: 7082
Ion Ratio Lower Upper
142 100
141 90.1 71.7 107.5

Manual Integrations
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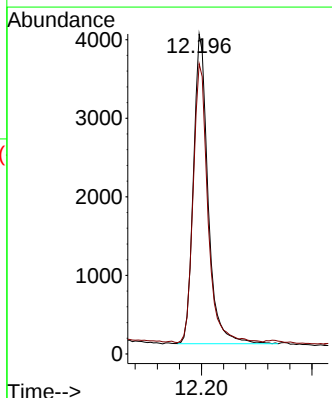
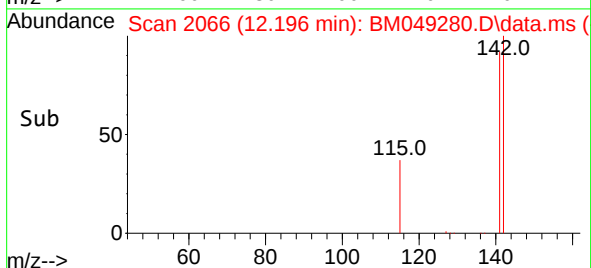
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

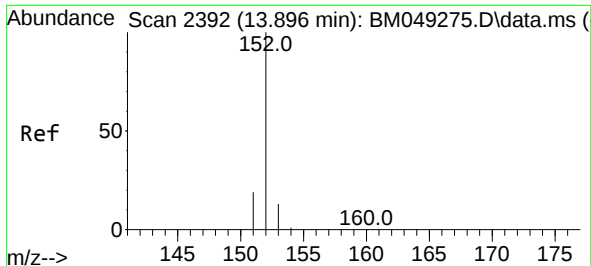


#8
1-Methylnaphthalene
Concen: 0.223 ng/ul
RT: 12.196 min Scan# 2066
Delta R.T. -0.010 min
Lab File: BM049280.D
Acq: 28 Dec 2024 07:22



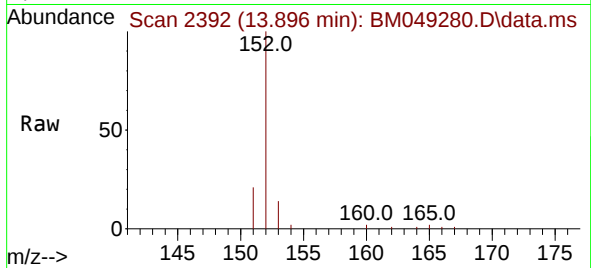
Tgt Ion:142 Resp: 7225
Ion Ratio Lower Upper
142 100
141 90.8 72.7 109.1





#10
Acenaphthylene
Concen: 0.211 ng/ul
RT: 13.896 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM049280.D
Acq: 28 Dec 2024 07:22

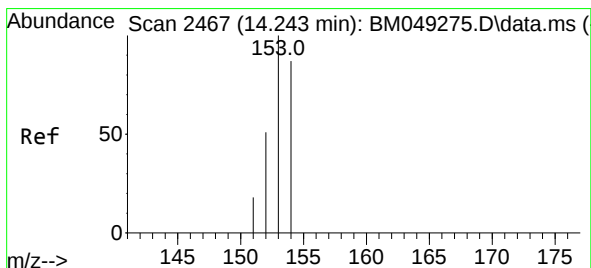
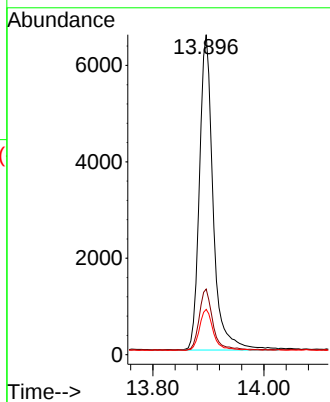
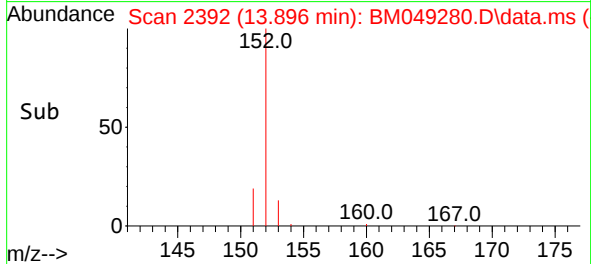
Instrument :
BNA_M
ClientSampleId :
YE680MS



Tgt Ion:152 Resp: 1122
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 14.1 11.0 16.6

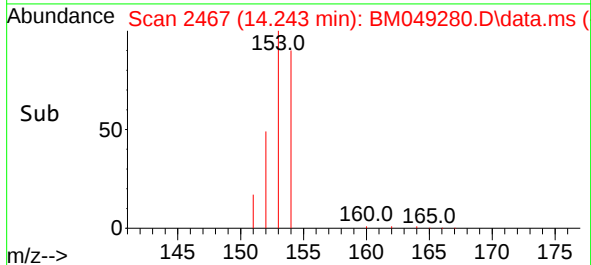
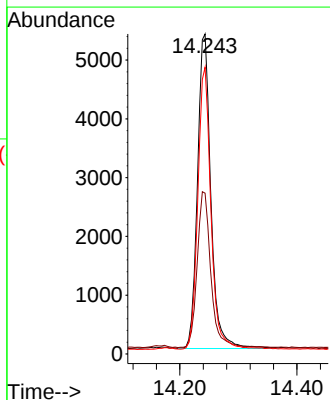
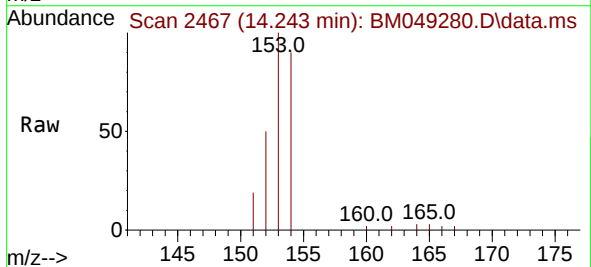
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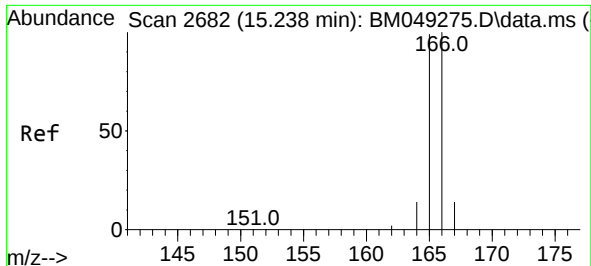
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#11
Acenaphthene
Concen: 0.220 ng/ul
RT: 14.243 min Scan# 2467
Delta R.T. -0.003 min
Lab File: BM049280.D
Acq: 28 Dec 2024 07:22

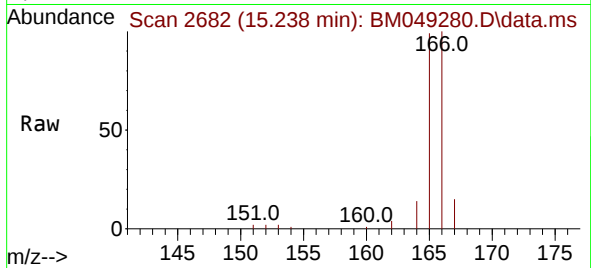
Tgt Ion:153 Resp: 8528
Ion Ratio Lower Upper
153 100
152 50.3 40.7 61.1
154 89.6 70.8 106.2





#12
Fluorene
Concen: 0.233 ng/ul
RT: 15.238 min Scan# 2682
Delta R.T. -0.003 min
Lab File: BM049280.D
Acq: 28 Dec 2024 07:22

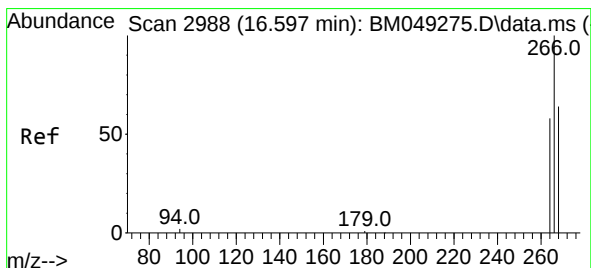
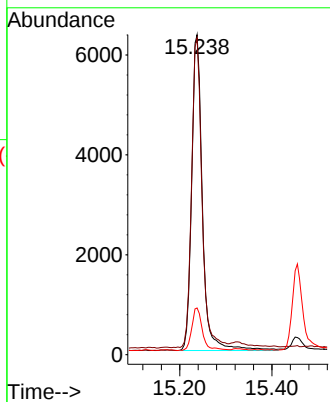
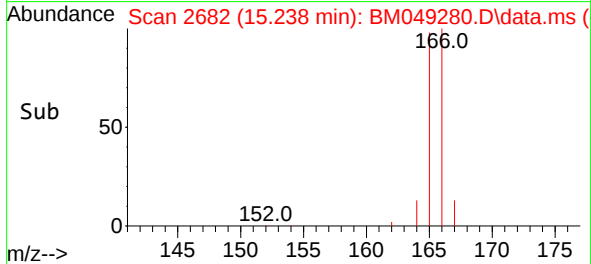
Instrument :
BNA_M
ClientSampleId :
YE680MS



Tgt Ion:166 Resp: 10210
Ion Ratio Lower Upper
166 100
165 99.0 79.7 119.5
167 14.6 11.4 17.0

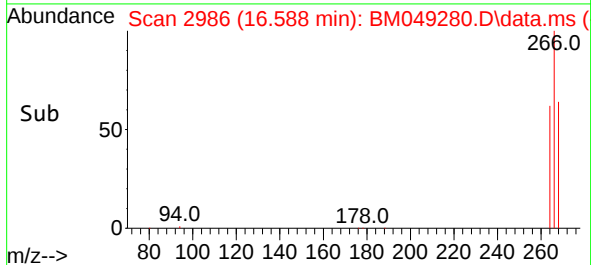
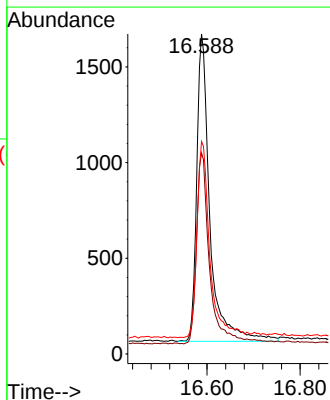
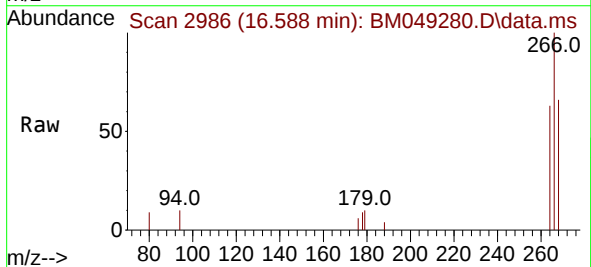
Manual Integrations
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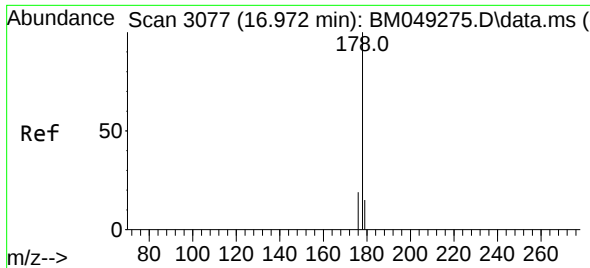
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#14
Pentachlorophenol
Concen: 0.405 ng/ul
RT: 16.588 min Scan# 2986
Delta R.T. -0.007 min
Lab File: BM049280.D
Acq: 28 Dec 2024 07:22

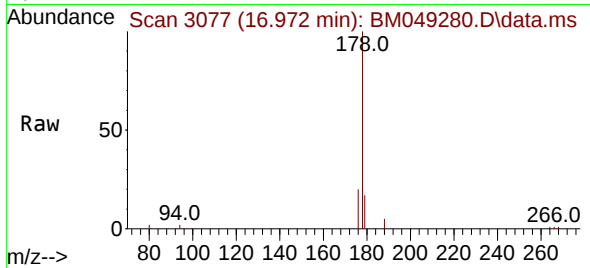
Tgt Ion:266 Resp: 3153
Ion Ratio Lower Upper
266 100
264 63.1 48.3 72.5
268 62.4 47.5 71.3





#15
Phenanthrene
Concen: 0.245 ng/ul
RT: 16.972 min Scan# 3077
Delta R.T. -0.003 min
Lab File: BM049280.D
Acq: 28 Dec 2024 07:22

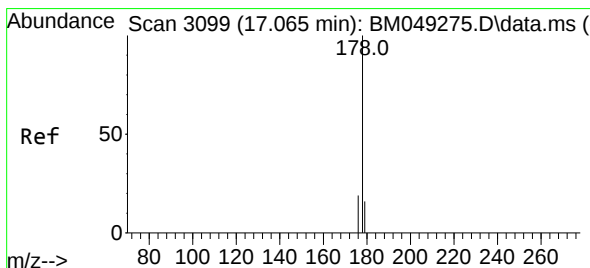
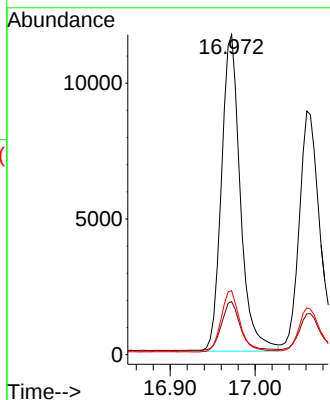
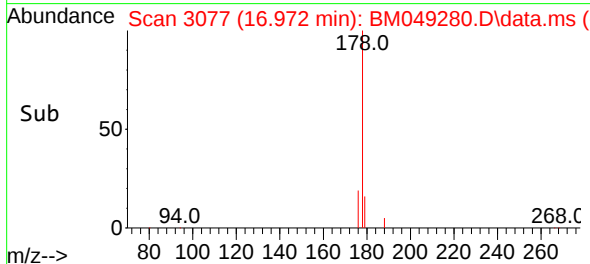
Instrument :
BNA_M
ClientSampleId :
YE680MS



Tgt Ion:178 Resp: 18049
Ion Ratio Lower Upper
178 100
179 16.6 13.0 19.4
176 20.0 16.2 24.2

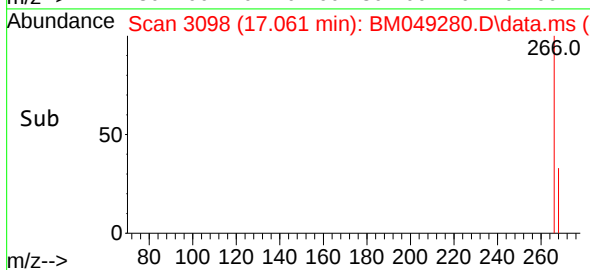
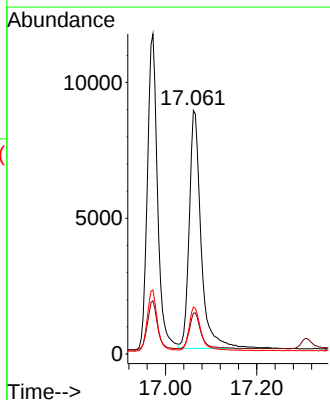
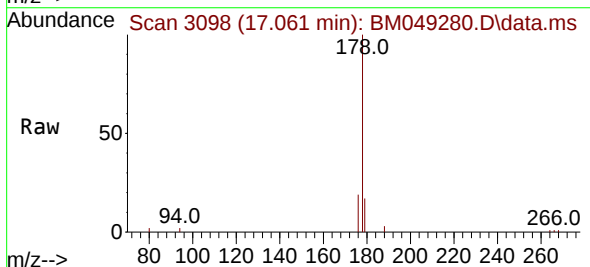
Manual Integrations
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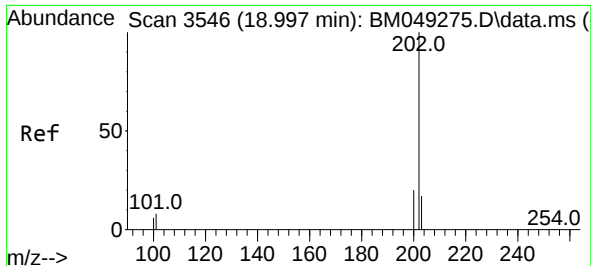
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#16
Anthracene
Concen: 0.234 ng/ul
RT: 17.061 min Scan# 3098
Delta R.T. -0.007 min
Lab File: BM049280.D
Acq: 28 Dec 2024 07:22

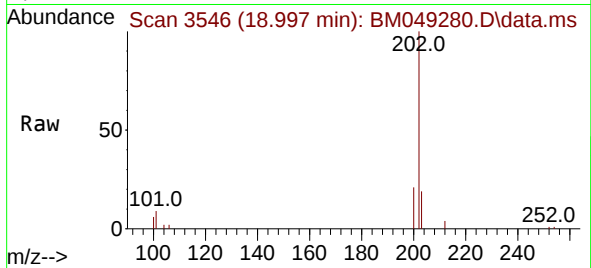
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Ion Ratio Lower Upper
178 100
179 16.7 12.9 19.3
176 19.2 15.3 22.9





#19
Fluoranthene
Concen: 0.236 ng/u1
RT: 18.997 min Scan# 3546
Delta R.T. -0.003 min
Lab File: BM049280.D
Acq: 28 Dec 2024 07:22

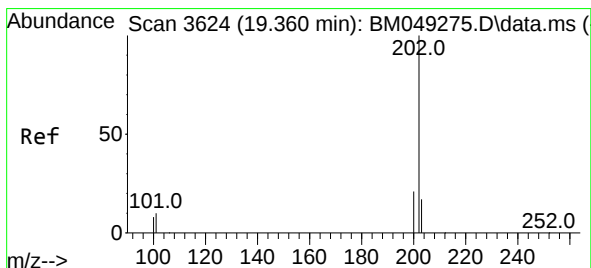
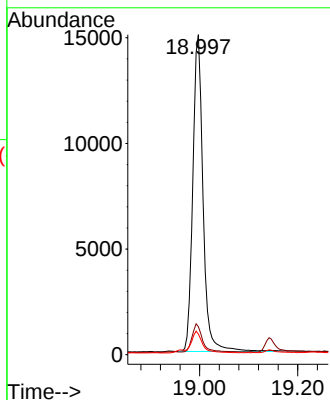
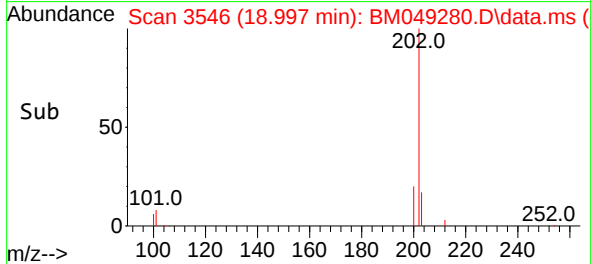
Instrument :
BNA_M
ClientSampleId :
YE680MS



Tgt Ion:202 Resp: 2178
Ion Ratio Lower Upper
202 100
101 8.8 7.6 11.4
100 6.5 5.5 8.3

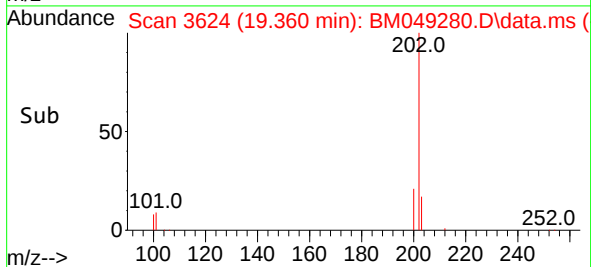
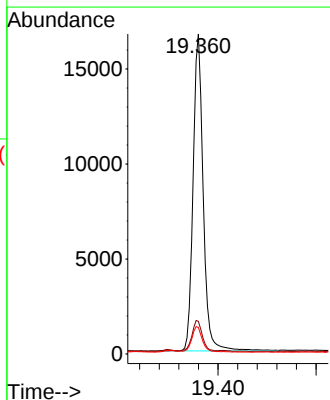
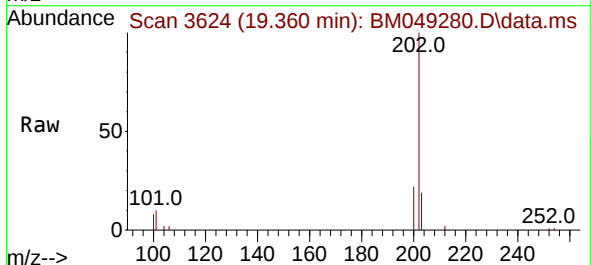
Manual Integrations
APPROVED

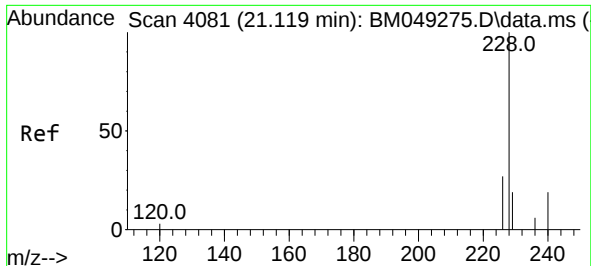
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#20
Pyrene
Concen: 0.244 ng/u1
RT: 19.360 min Scan# 3624
Delta R.T. -0.003 min
Lab File: BM049280.D
Acq: 28 Dec 2024 07:22

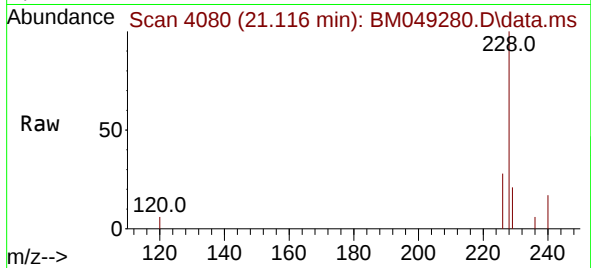
Tgt Ion:202 Resp: 23927
Ion Ratio Lower Upper
202 100
101 10.2 8.9 13.3
100 8.3 6.9 10.3





#21
Benzo(a)anthracene
Concen: 0.233 ng/ul
RT: 21.116 min Scan# 4081
Delta R.T. -0.003 min
Lab File: BM049280.D
Acq: 28 Dec 2024 07:22

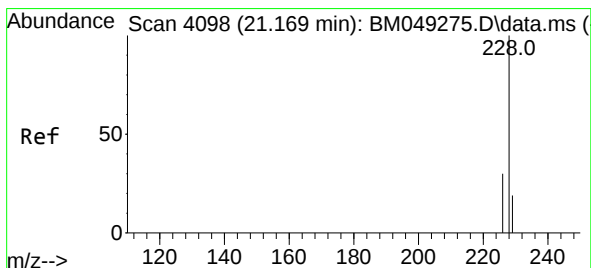
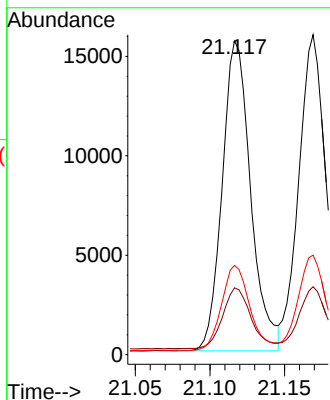
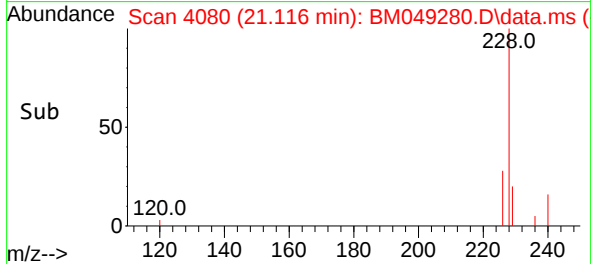
Instrument :
BNA_M
ClientSampleId :
YE680MS



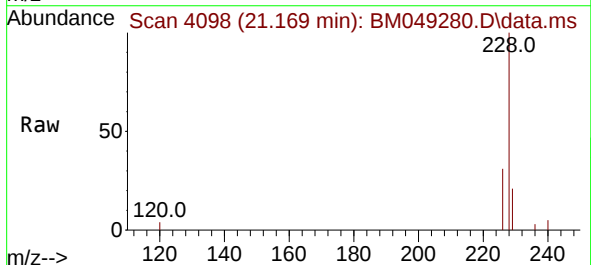
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Ion Ratio Lower Upper
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229 21.4 15.9 23.9
226 28.5 22.6 34.0

Manual Integrations
APPROVED

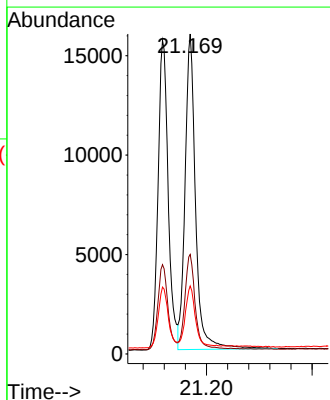
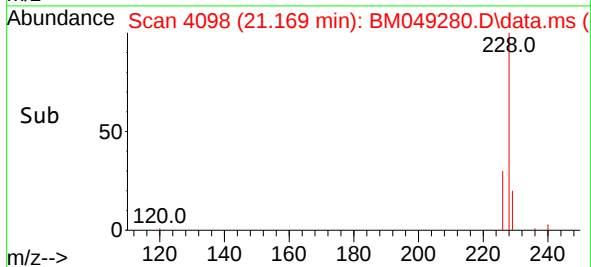
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

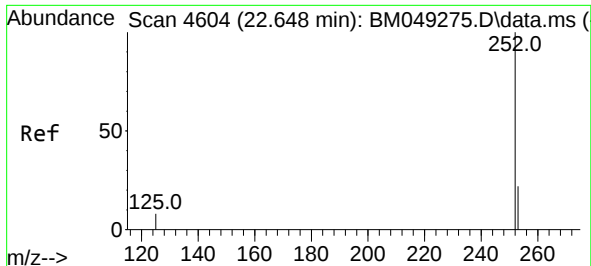


#22
Chrysene
Concen: 0.230 ng/ul
RT: 21.169 min Scan# 4098
Delta R.T. -0.003 min
Lab File: BM049280.D
Acq: 28 Dec 2024 07:22



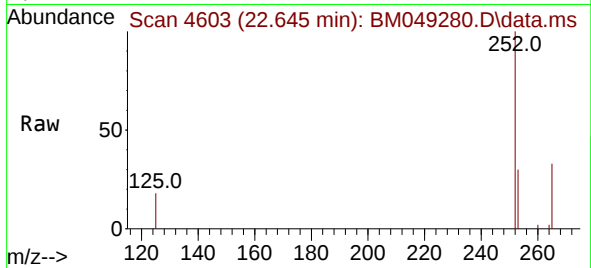
Tgt Ion:228 Resp: 21835
Ion Ratio Lower Upper
228 100
226 31.1 24.1 36.1
229 21.2 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.237 ng/ul
RT: 22.645 min Scan# 4603
Delta R.T. -0.003 min
Lab File: BM049280.D
Acq: 28 Dec 2024 07:22

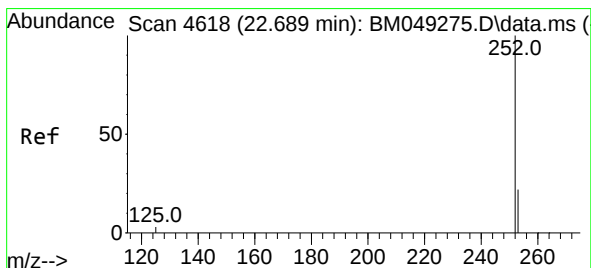
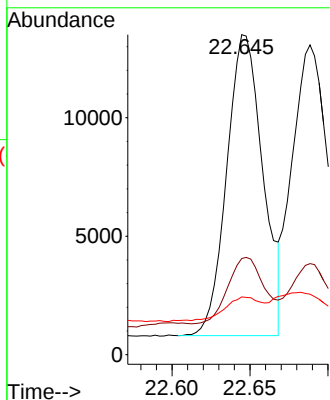
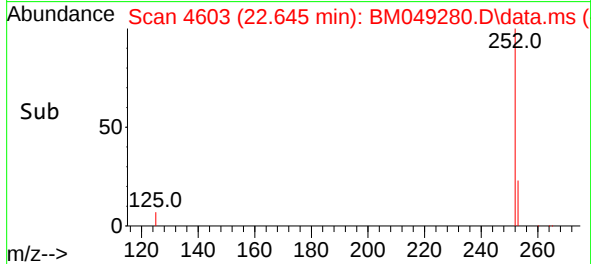
Instrument :
BNA_M
ClientSampleId :
YE680MS



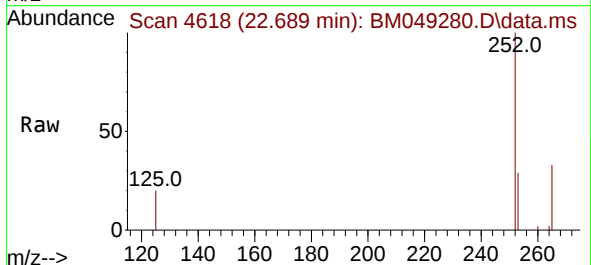
Tgt Ion:252 Resp: 20490
Ion Ratio Lower Upper
252 100
253 30.1 0.0 52.6
125 18.1 0.0 30.8

Manual Integrations
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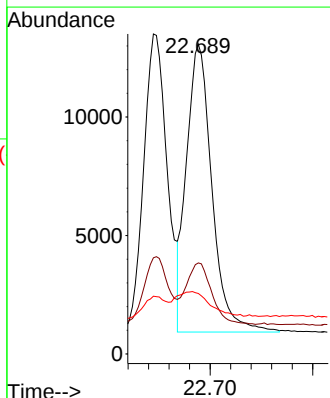
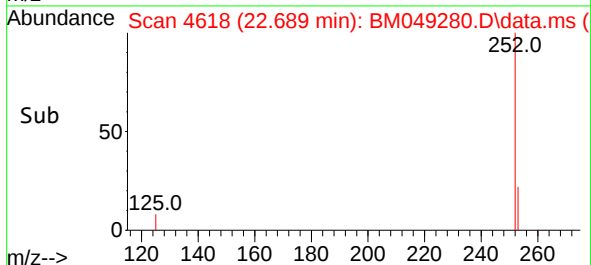
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

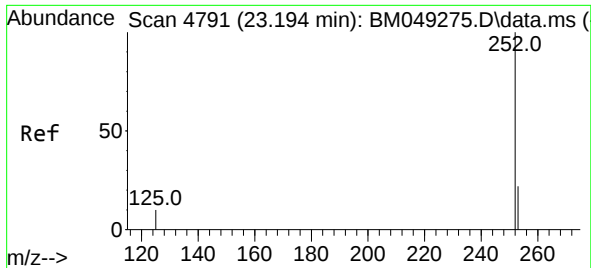


#25
Benzo(k)fluoranthene
Concen: 0.221 ng/ul m
RT: 22.689 min Scan# 4618
Delta R.T. -0.003 min
Lab File: BM049280.D
Acq: 28 Dec 2024 07:22



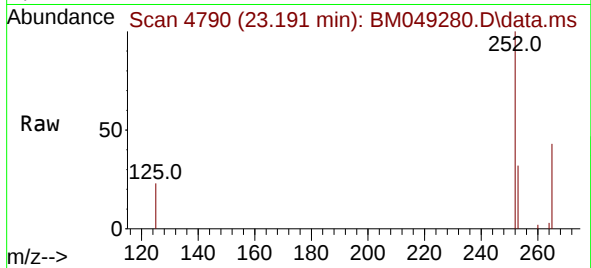
Tgt Ion:252 Resp: 20964
Ion Ratio Lower Upper
252 100
253 29.4 21.3 31.9
125 19.5 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.230 ng/ul
RT: 23.191 min Scan# 4791
Delta R.T. -0.000 min
Lab File: BM049280.D
Acq: 28 Dec 2024 07:22

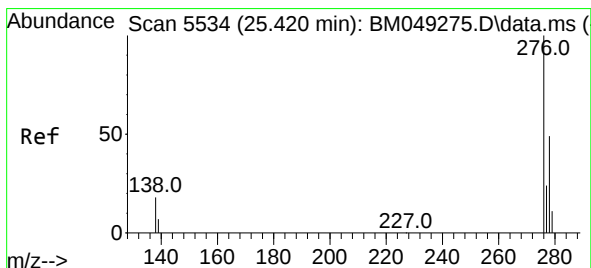
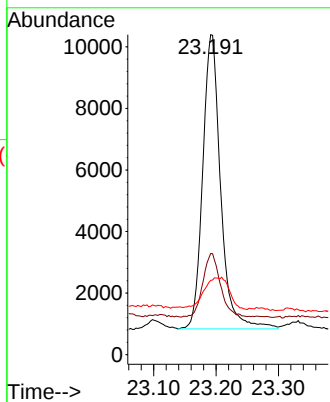
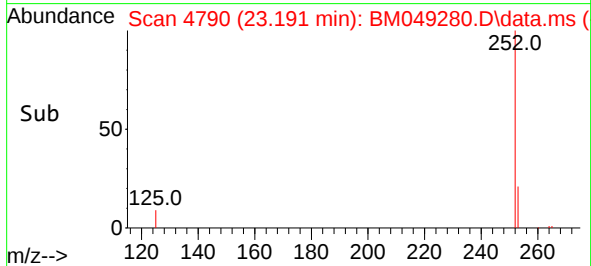
Instrument :
BNA_M
ClientSampleId :
YE680MS



Tgt Ion:252 Resp: 19070
Ion Ratio Lower Upper
252 100
253 31.6 22.4 33.6
125 23.2 14.8 22.2

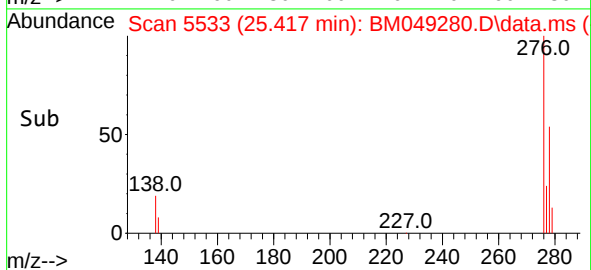
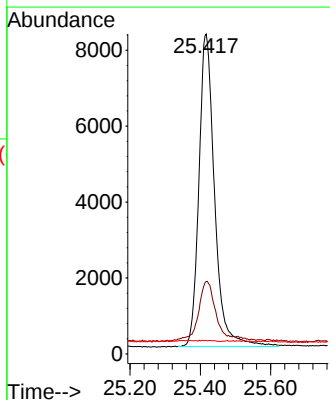
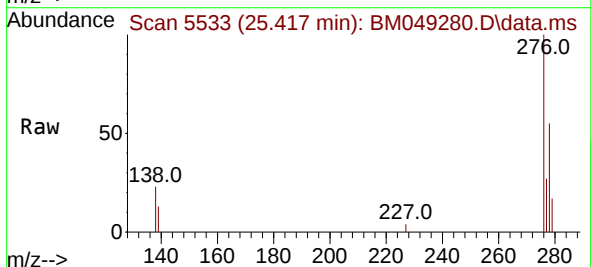
Manual Integrations
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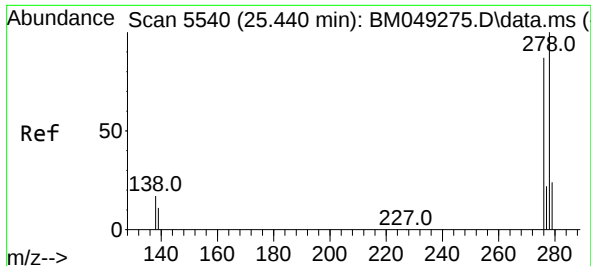
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.217 ng/ul
RT: 25.417 min Scan# 5533
Delta R.T. -0.000 min
Lab File: BM049280.D
Acq: 28 Dec 2024 07:22

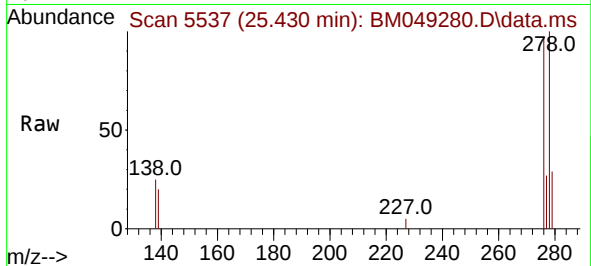
Tgt Ion:276 Resp: 25479
Ion Ratio Lower Upper
276 100
138 21.6 17.4 26.2
227 0.3 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.216 ng/ul
RT: 25.430 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM049280.D
Acq: 28 Dec 2024 07:22

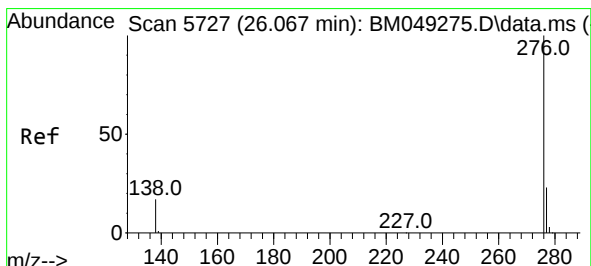
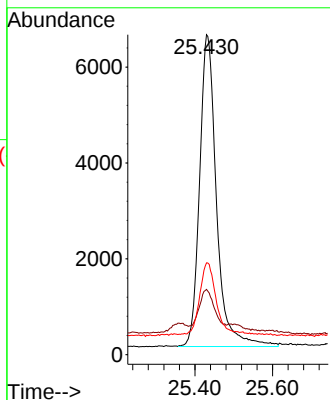
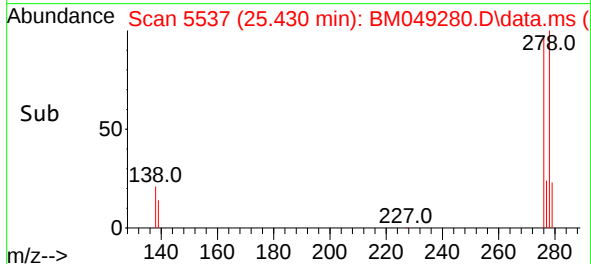
Instrument :
BNA_M
ClientSampleId :
YE680MS



Tgt Ion:278 Resp: 19700
Ion Ratio Lower Upper
278 100
139 20.4 13.5 20.3
279 28.7 21.5 32.3

Manual Integrations
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Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#29
Benzo(g,h,i)perylene
Concen: 0.225 ng/ul
RT: 26.064 min Scan# 5726
Delta R.T. -0.004 min
Lab File: BM049280.D
Acq: 28 Dec 2024 07:22

Tgt Ion:276 Resp: 21185
Ion Ratio Lower Upper
276 100
138 21.4 16.7 25.1
277 25.9 19.9 29.9

