

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
 Data File : BM049284.D
 Acq On : 28 Dec 2024 09:45
 Operator : RC/JU
 Sample : P5351-06MS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2926MS

Manual Integrations
 APPROVED

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

Quant Time: Dec 29 21:56:15 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	5383	0.400	ng/ul	0.00
4) Naphthalene-d8	10.304	136	17664	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.178	164	11339	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.926	188	25373	0.400	ng/ul	0.00
17) Chrysene-d12	21.128	240	22249	0.400	ng/ul	0.00
23) Perylene-d12	23.279	264	24898	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	2396	0.386	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.899	152	6764	0.285	ng/ul	0.00
18) Fluoranthene-d10	18.960	212	18133	0.287	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.172	88	7215	0.994	ng/ul#	81
5) Naphthalene	10.348	128	14581	0.330	ng/ul	99
7) 2-Methylnaphthalene	11.976	142	9376	0.335	ng/ul	99
8) 1-Methylnaphthalene	12.196	142	9958	0.347	ng/ul	99
10) Acenaphthylene	13.891	152	15102	0.321	ng/ul	100
11) Acenaphthene	14.238	153	18631	0.543	ng/ul	99
12) Fluorene	15.233	166	20999	0.543	ng/ul	98
14) Pentachlorophenol	16.584	266	4288	0.611	ng/ul	96
15) Phenanthrene	16.968	178	255821	3.860	ng/ul	98
16) Anthracene	17.057	178	65176	1.071	ng/ul	100
19) Fluoranthene	18.993	202	461368	5.735	ng/ul	98
20) Pyrene	19.355	202	393368	4.585	ng/ul	98
21) Benzo(a)anthracene	21.114	228	206562	2.669	ng/ul	99
22) Chrysene	21.163	228	189020	2.276	ng/ul	98
24) Benzo(b)fluoranthene	22.645	252	245684m	3.089	ng/ul	
25) Benzo(k)fluoranthene	22.683	252	96386m	1.104	ng/ul	
26) Benzo(a)pyrene	23.186	252	172549m	2.262	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.410	276	133051	1.232	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.423	278	44885	0.535	ng/ul	99
29) Benzo(g,h,i)perylene	26.054	276	130810	1.507	ng/ul	97

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

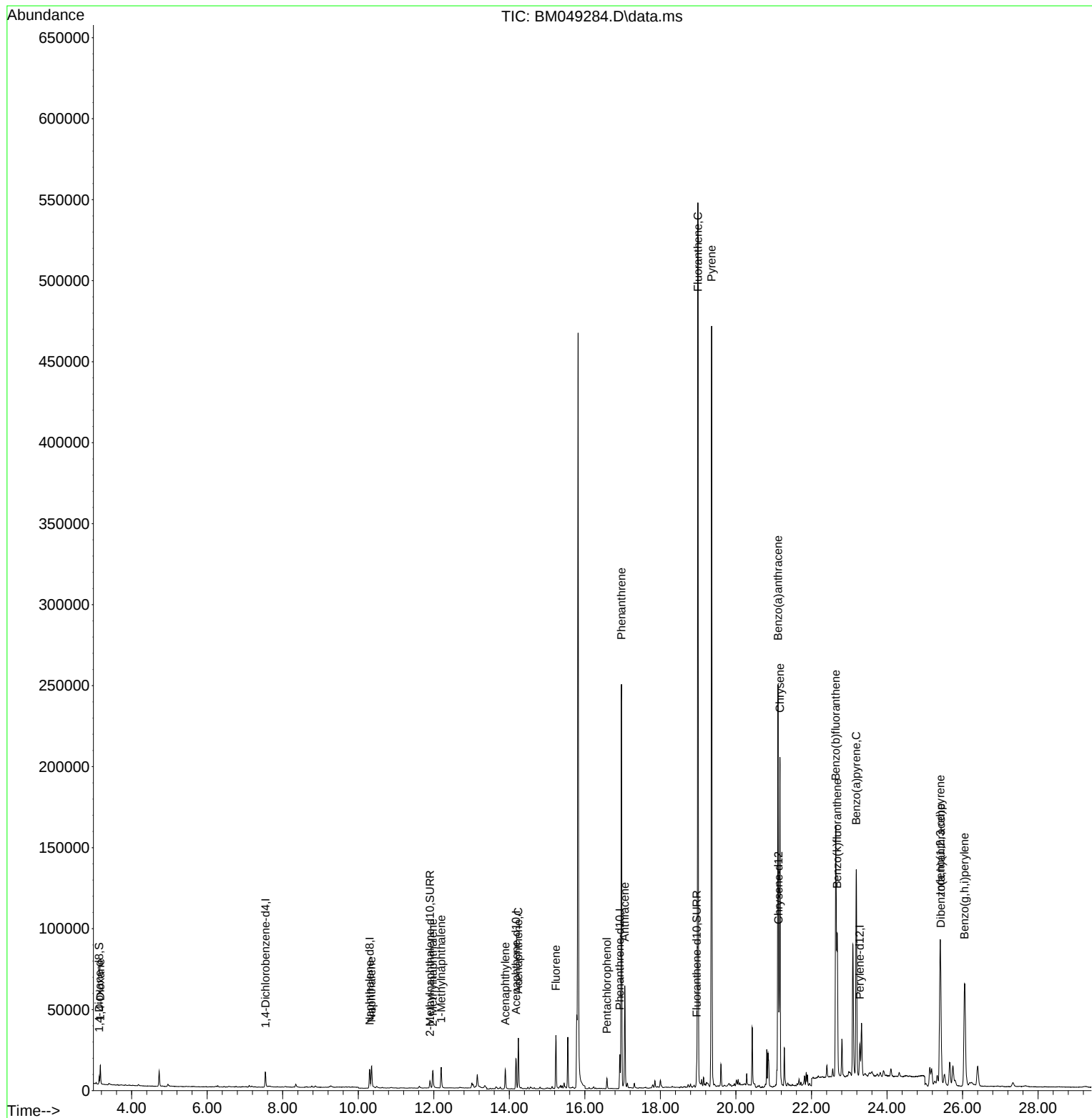
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049284.D
Acq On : 28 Dec 2024 09:45
Operator : RC/JU
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ALS Vial : 45 Sample Multiplier: 1

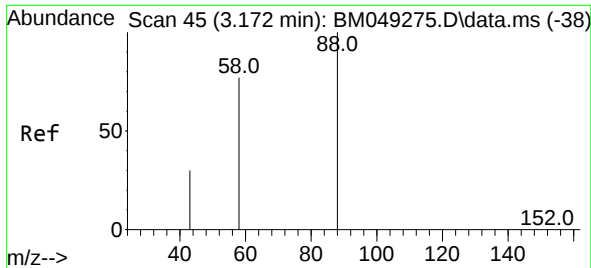
Instrument :
BNA_M
ClientSampleId :
E2926MS

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

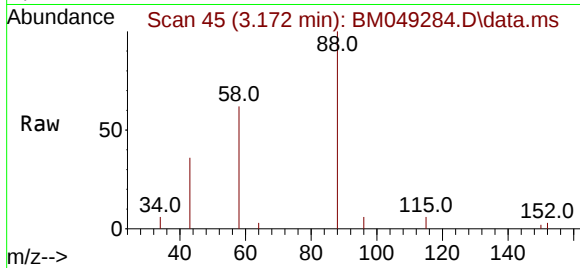
Quant Time: Dec 29 21:56:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.994 ng/ul
RT: 3.172 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM049284.D
Acq: 28 Dec 2024 09:45

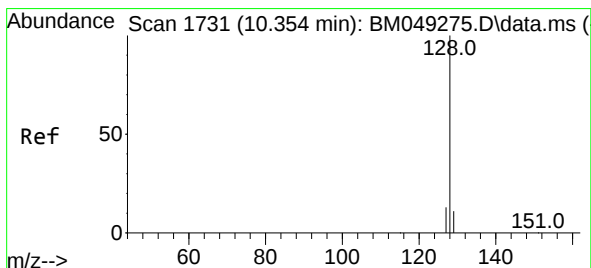
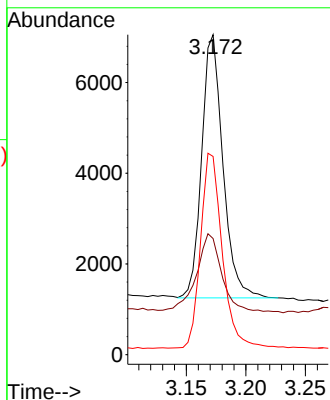
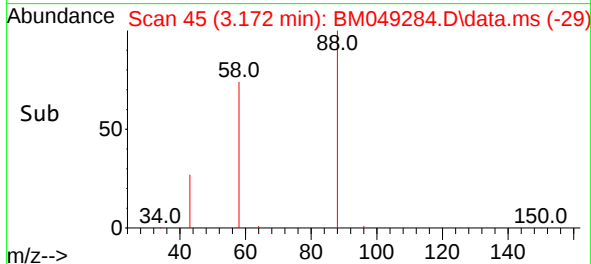
Instrument :
BNA_M
ClientSampleId :
E2926MS



Tgt Ion: 88 Resp: 7215
Ion Ratio Lower Upper
88 100
43 36.3 45.4 68.2
58 61.9 43.6 65.4

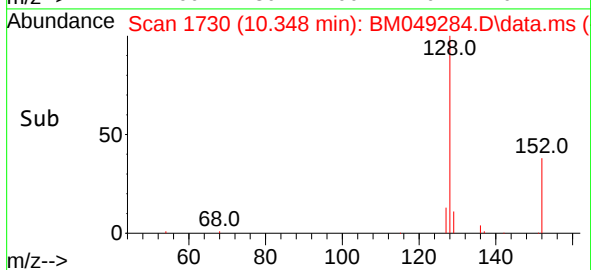
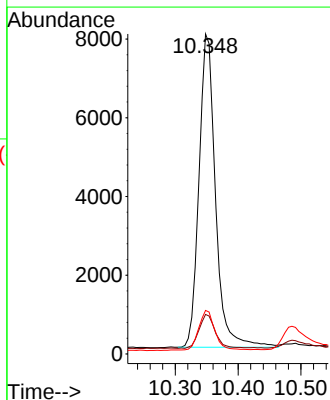
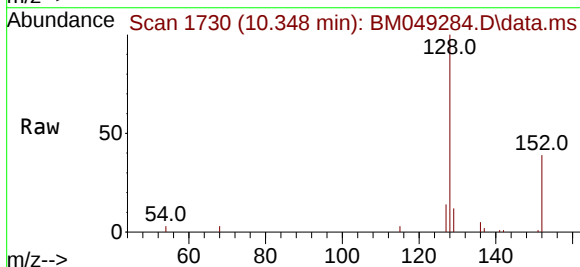
Manual Integrations
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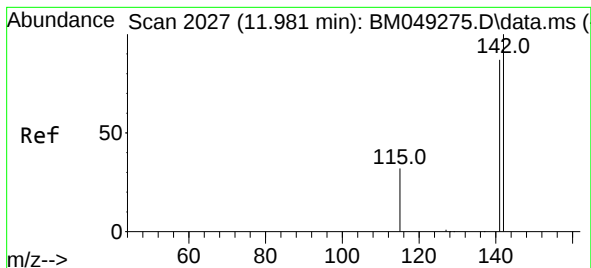
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#5
Naphthalene
Concen: 0.330 ng/ul
RT: 10.348 min Scan# 1730
Delta R.T. -0.010 min
Lab File: BM049284.D
Acq: 28 Dec 2024 09:45

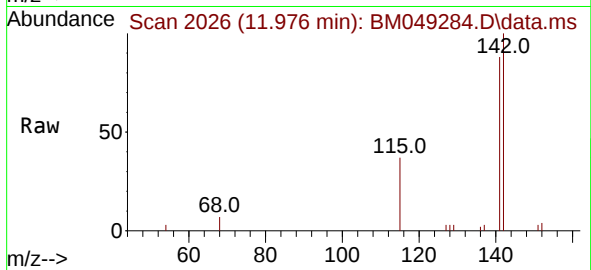
Tgt Ion:128 Resp: 14581
Ion Ratio Lower Upper
128 100
129 12.3 9.7 14.5
127 13.6 10.6 16.0





#7
2-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 11.976 min Scan# 2026
Delta R.T. -0.004 min
Lab File: BM049284.D
Acq: 28 Dec 2024 09:45

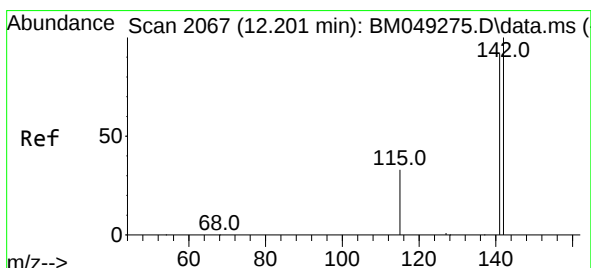
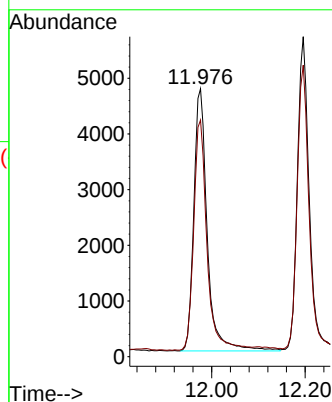
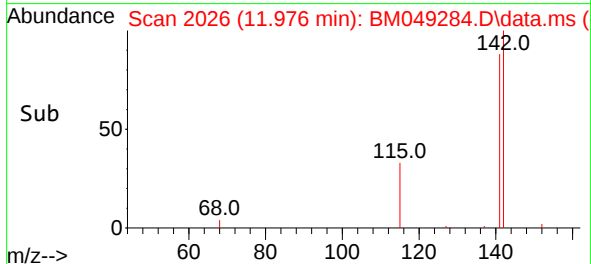
Instrument :
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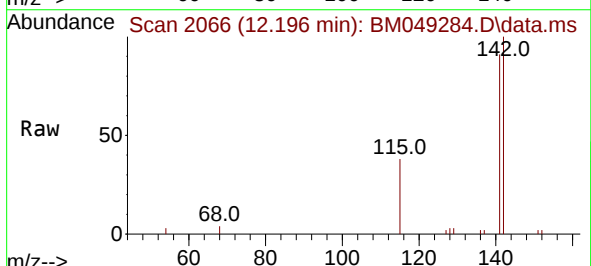
Tgt Ion:142 Resp: 9370
Ion Ratio Lower Upper
142 100
141 89.1 71.7 107.5

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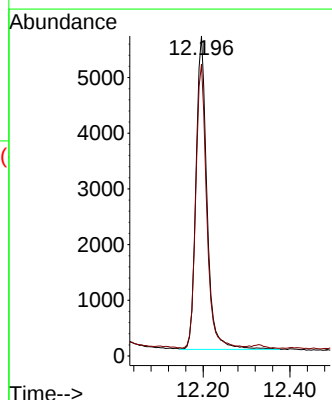
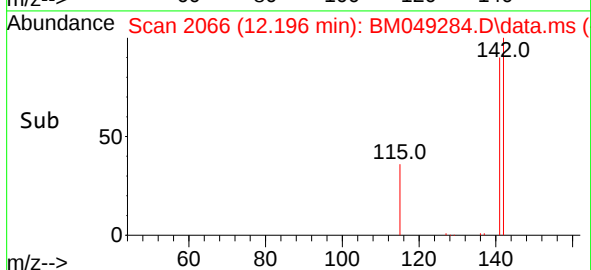
Reviewed By :Yogesh Patel 12/30/2024
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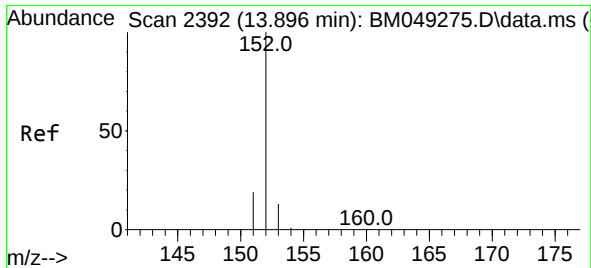


#8
1-Methylnaphthalene
Concen: 0.347 ng/ul
RT: 12.196 min Scan# 2066
Delta R.T. -0.010 min
Lab File: BM049284.D
Acq: 28 Dec 2024 09:45



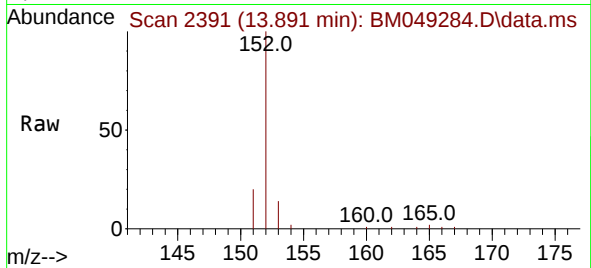
Tgt Ion:142 Resp: 9958
Ion Ratio Lower Upper
142 100
141 90.1 72.7 109.1





#10
Acenaphthylene
Concen: 0.321 ng/ul
RT: 13.891 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM049284.D
Acq: 28 Dec 2024 09:45

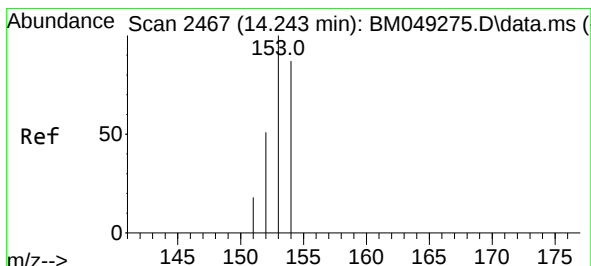
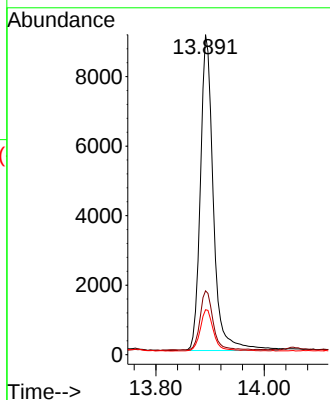
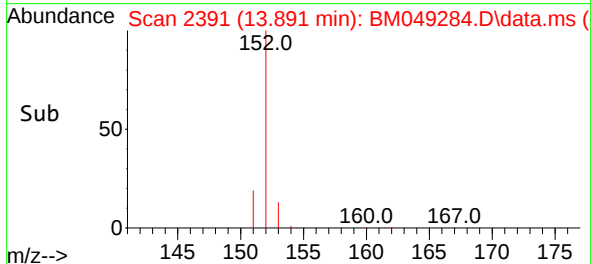
Instrument :
BNA_M
ClientSampleId :
E2926MS



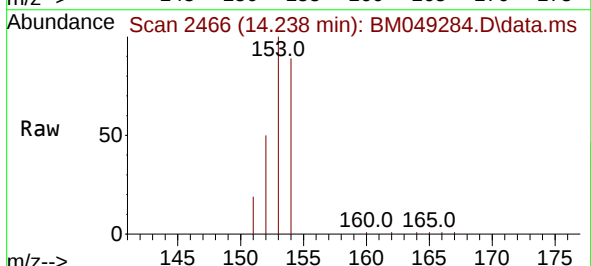
Tgt Ion:152 Resp: 1510
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 14.1 11.0 16.6

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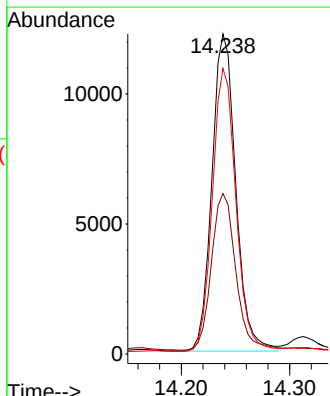
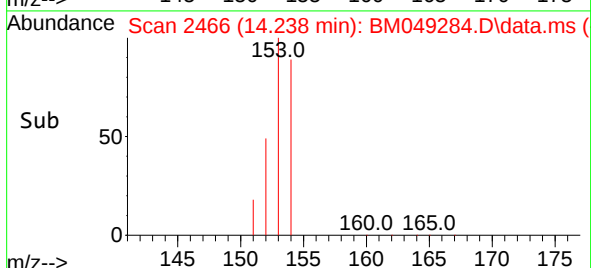
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

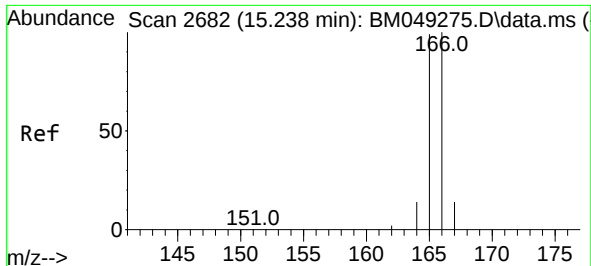


#11
Acenaphthene
Concen: 0.543 ng/ul
RT: 14.238 min Scan# 2466
Delta R.T. -0.008 min
Lab File: BM049284.D
Acq: 28 Dec 2024 09:45



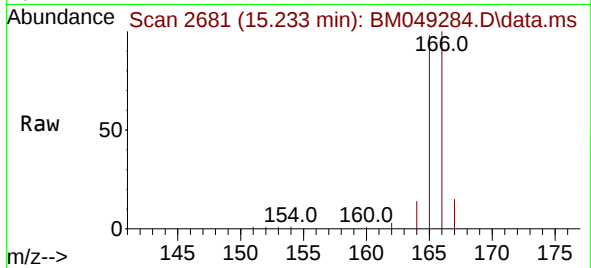
Tgt Ion:153 Resp: 18631
Ion Ratio Lower Upper
153 100
152 50.2 40.7 61.1
154 89.2 70.8 106.2





#12
Fluorene
Concen: 0.543 ng/ul
RT: 15.233 min Scan# 2099
Delta R.T. -0.008 min
Lab File: BM049284.D
Acq: 28 Dec 2024 09:45

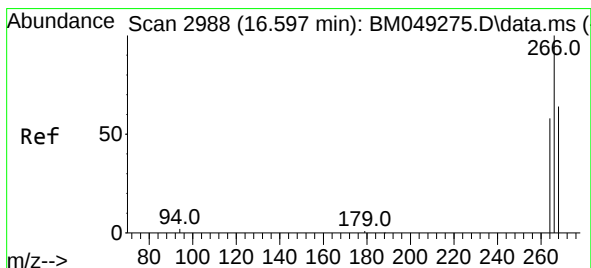
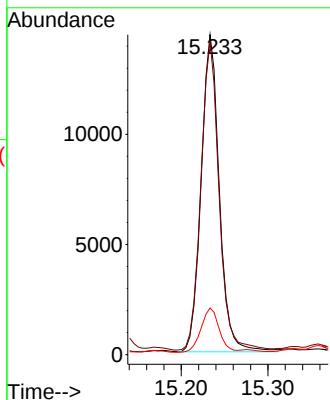
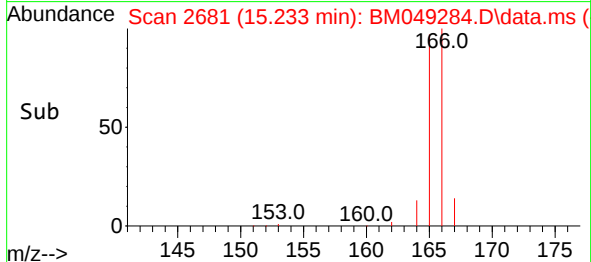
Instrument :
BNA_M
ClientSampleId :
E2926MS



Tgt Ion:166 Resp: 2099
Ion Ratio Lower Upper
166 100
165 97.8 79.7 119.5
167 14.6 11.4 17.0

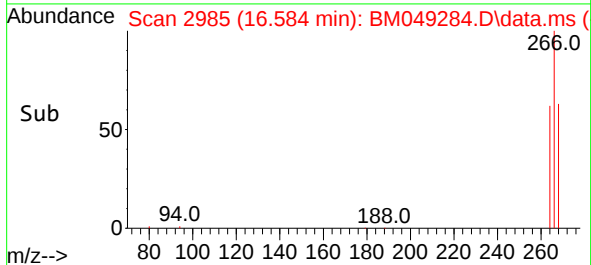
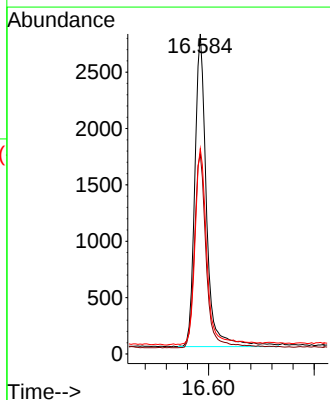
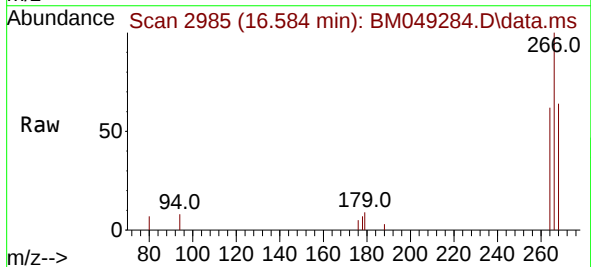
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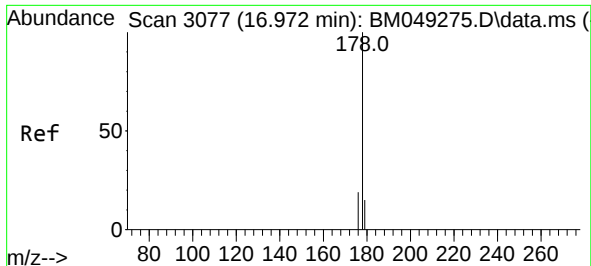
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#14
Pentachlorophenol
Concen: 0.611 ng/ul
RT: 16.584 min Scan# 2985
Delta R.T. -0.011 min
Lab File: BM049284.D
Acq: 28 Dec 2024 09:45

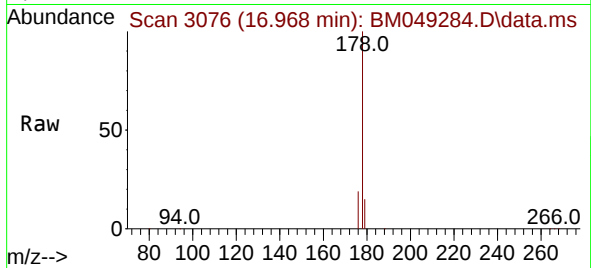
Tgt Ion:266 Resp: 4288
Ion Ratio Lower Upper
266 100
264 63.2 48.3 72.5
268 62.7 47.5 71.3





#15
Phenanthrene
Concen: 3.860 ng/ul
RT: 16.968 min Scan# 3076
Delta R.T. -0.007 min
Lab File: BM049284.D
Acq: 28 Dec 2024 09:45

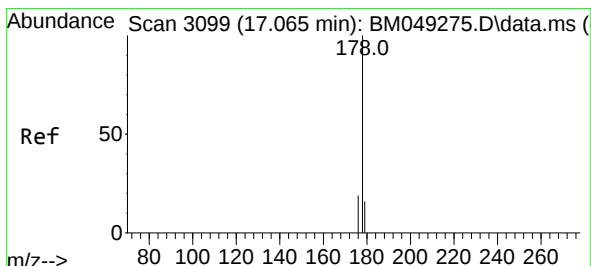
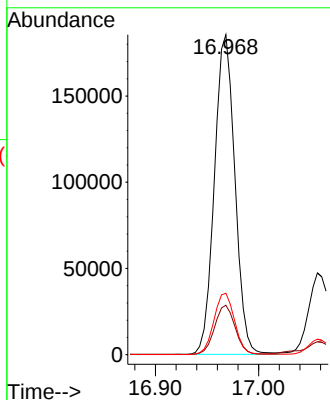
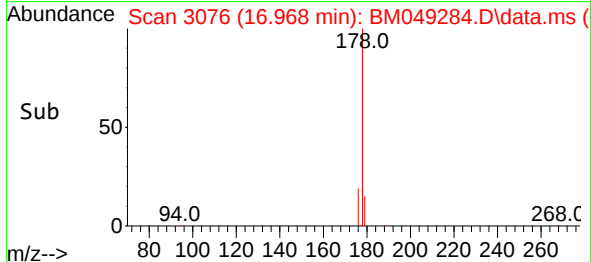
Instrument :
BNA_M
ClientSampleId :
E2926MS



Tgt Ion:178 Resp: 25582
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.2 16.2 24.2

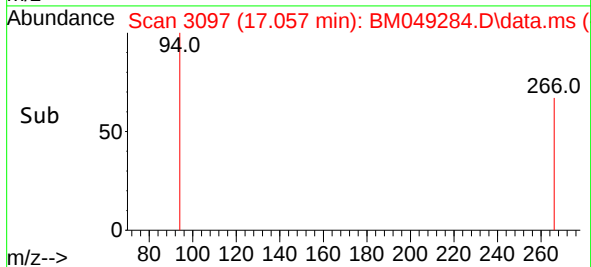
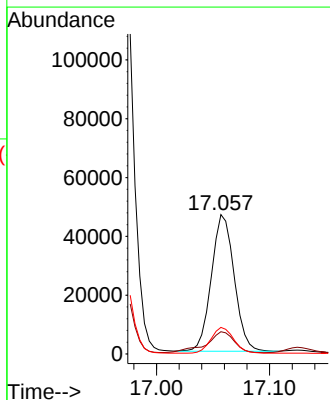
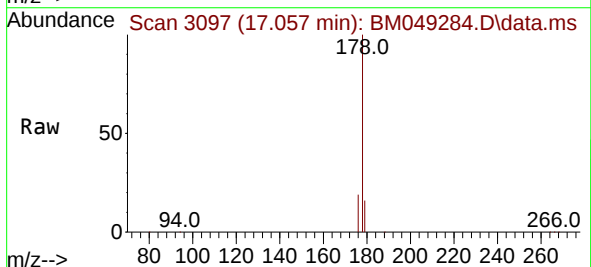
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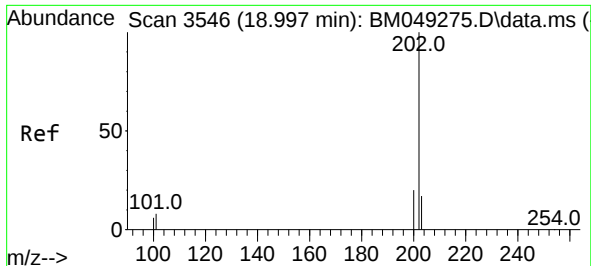
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#16
Anthracene
Concen: 1.071 ng/ul
RT: 17.057 min Scan# 3097
Delta R.T. -0.011 min
Lab File: BM049284.D
Acq: 28 Dec 2024 09:45

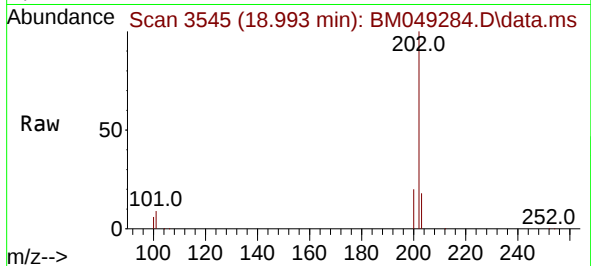
Tgt Ion:178 Resp: 65176
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 19.1 15.3 22.9





#19
Fluoranthene
Concen: 5.735 ng/u1
RT: 18.993 min Scan# 3545
Delta R.T. -0.008 min
Lab File: BM049284.D
Acq: 28 Dec 2024 09:45

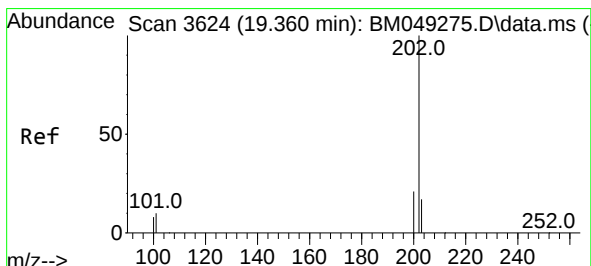
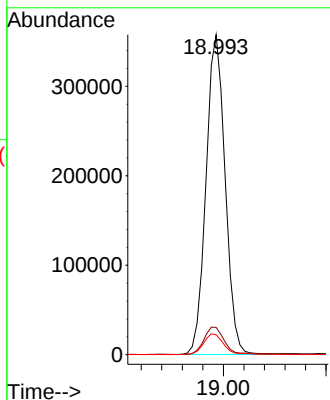
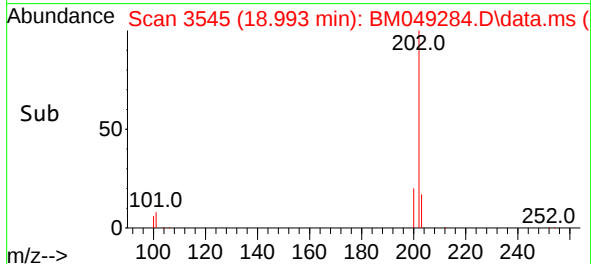
Instrument :
BNA_M
ClientSampleId :
E2926MS



Tgt Ion:202 Resp: 461368
Ion Ratio Lower Upper
202 100
101 8.5 7.6 11.4
100 6.3 5.5 8.3

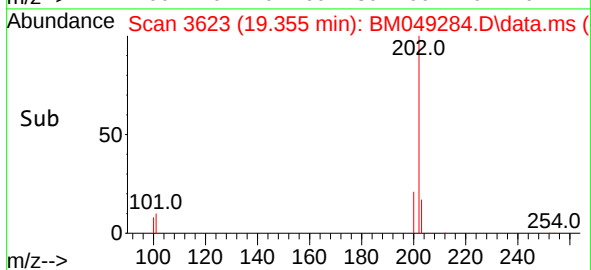
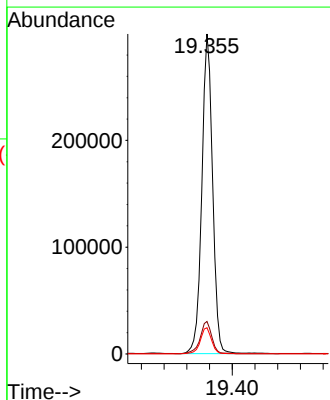
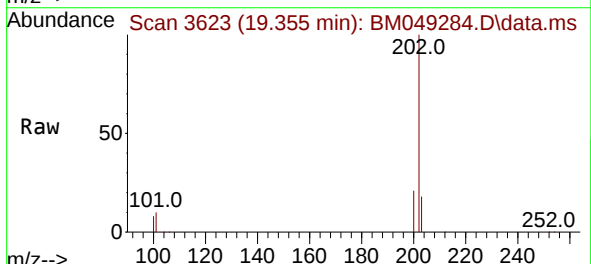
Manual Integrations
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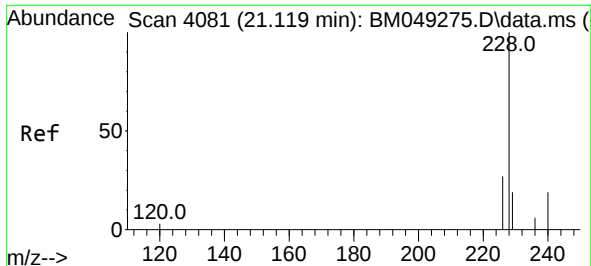
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#20
Pyrene
Concen: 4.585 ng/u1
RT: 19.355 min Scan# 3623
Delta R.T. -0.008 min
Lab File: BM049284.D
Acq: 28 Dec 2024 09:45

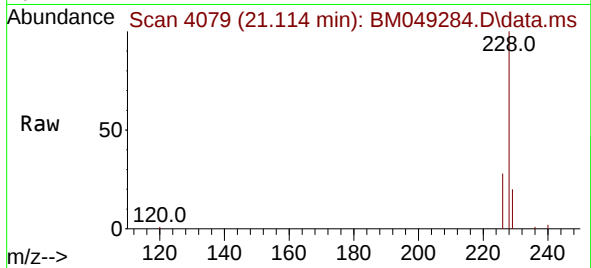
Tgt Ion:202 Resp: 393368
Ion Ratio Lower Upper
202 100
101 10.2 8.9 13.3
100 8.2 6.9 10.3





#21
Benzo(a)anthracene
Concen: 2.669 ng/ul
RT: 21.114 min Scan# 4081
Delta R.T. -0.006 min
Lab File: BM049284.D
Acq: 28 Dec 2024 09:45

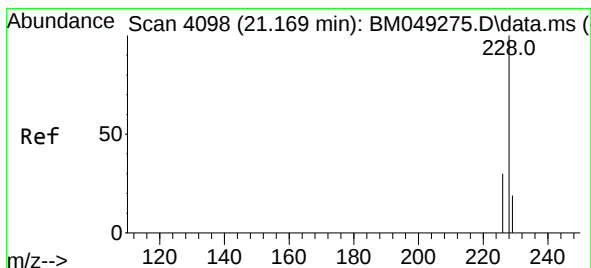
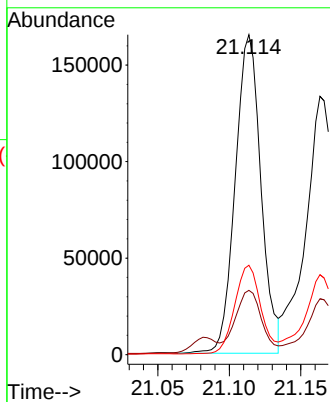
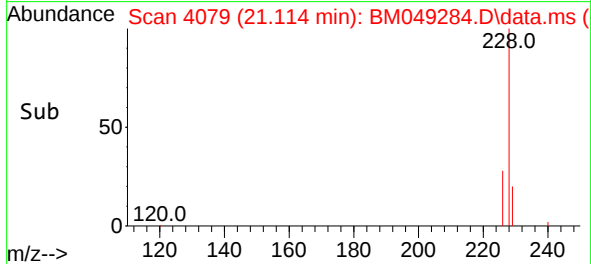
Instrument :
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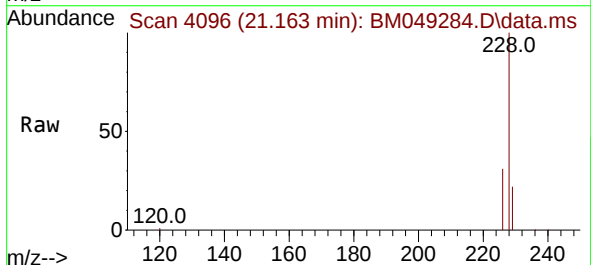
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Ion Ratio Lower Upper
228 100
229 20.1 15.9 23.9
226 27.9 22.6 34.0

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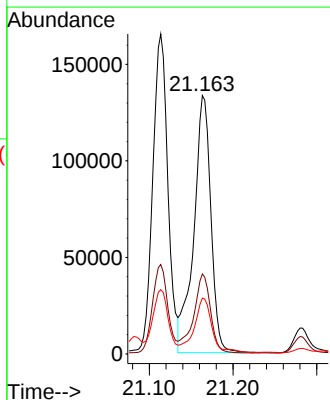
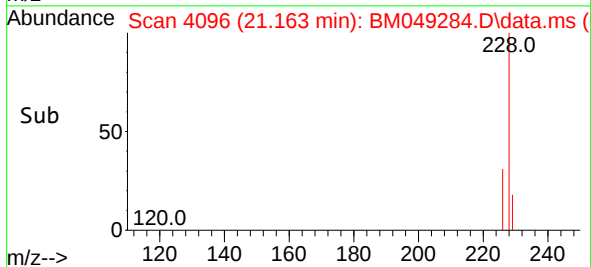
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

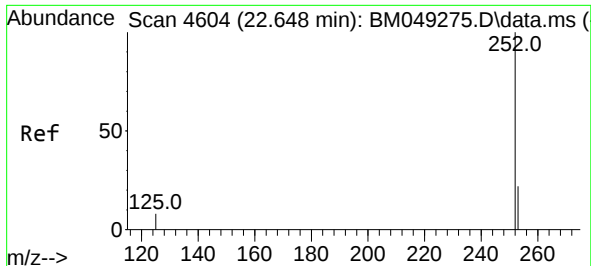


#22
Chrysene
Concen: 2.276 ng/ul
RT: 21.163 min Scan# 4096
Delta R.T. -0.009 min
Lab File: BM049284.D
Acq: 28 Dec 2024 09:45



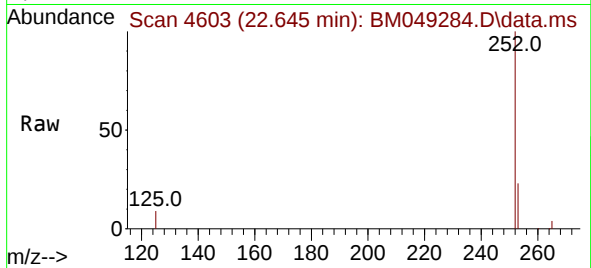
Tgt Ion:228 Resp: 189020
Ion Ratio Lower Upper
228 100
226 30.9 24.1 36.1
229 21.6 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 3.089 ng/ul m
RT: 22.645 min Scan# 4603
Delta R.T. -0.003 min
Lab File: BM049284.D
Acq: 28 Dec 2024 09:45

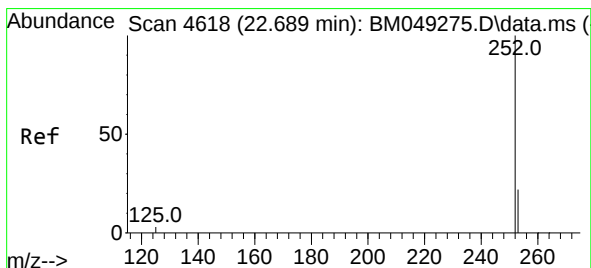
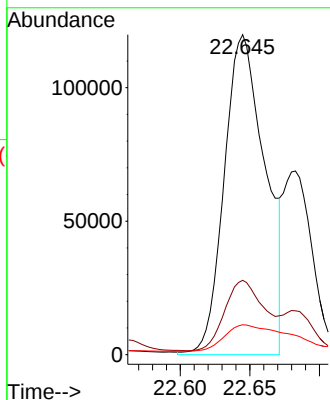
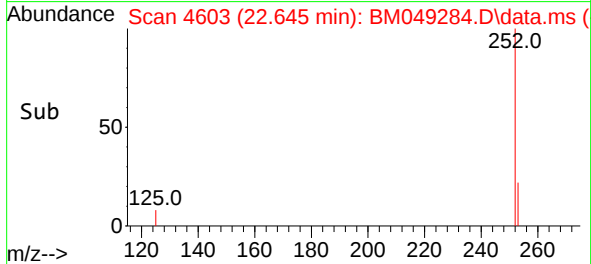
Instrument :
BNA_M
ClientSampleId :
E2926MS



Tgt Ion:252 Resp: 245684
Ion Ratio Lower Upper
252 100
253 23.2 0.0 52.6
125 9.4 0.0 30.8

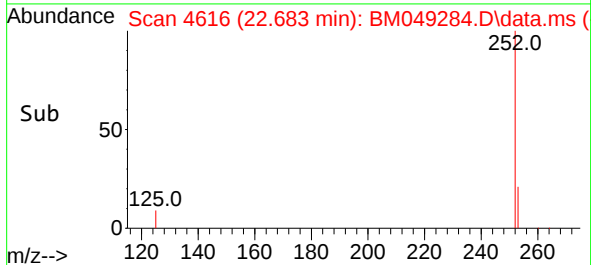
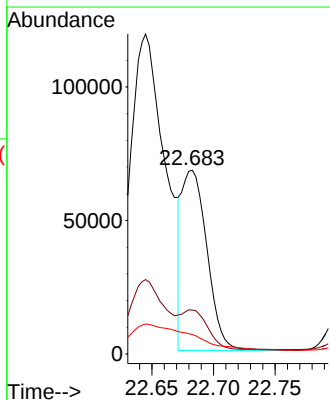
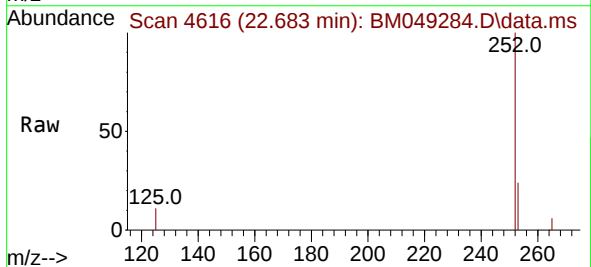
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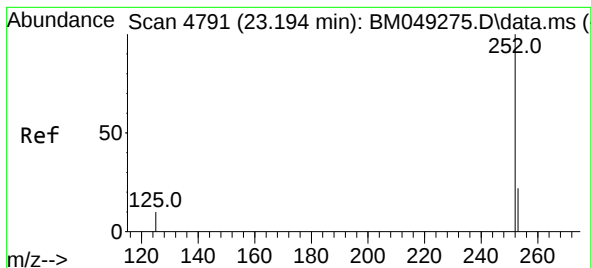
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#25
Benzo(k)fluoranthene
Concen: 1.104 ng/ul m
RT: 22.683 min Scan# 4616
Delta R.T. -0.009 min
Lab File: BM049284.D
Acq: 28 Dec 2024 09:45

Tgt Ion:252 Resp: 96386
Ion Ratio Lower Upper
252 100
253 23.9 21.3 31.9
125 10.6 12.6 18.8#





#26

Benzo(a)pyrene

Concen: 2.262 ng/ul m

RT: 23.186 min Scan# 4791

Delta R.T. -0.006 min

Lab File: BM049284.D

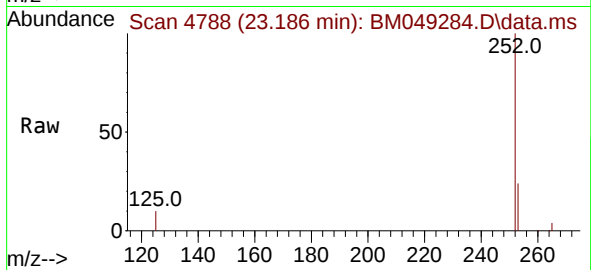
Acq: 28 Dec 2024 09:45

Instrument :

BNM

ClientSampleId :

E2926MS



Tgt Ion:252 Resp: 172549

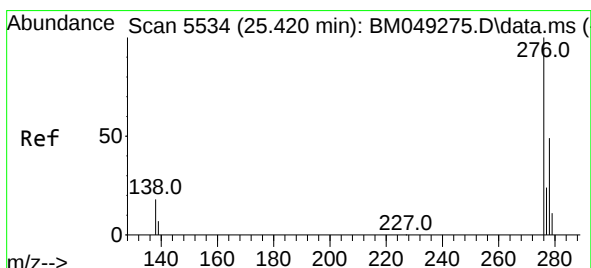
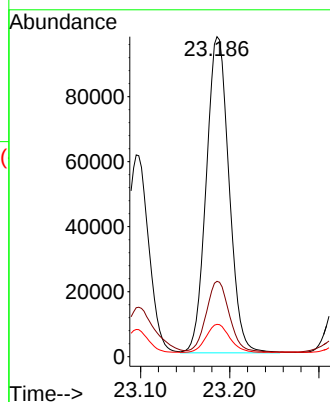
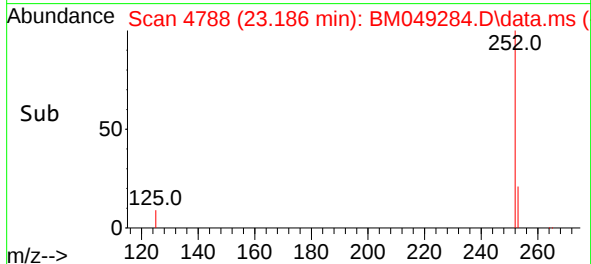
Ion	Ratio	Lower	Upper
252	100		
253	23.6	22.4	33.6
125	10.1	14.8	22.2

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Supervised By :mohammad ahmed 12/30/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.232 ng/ul

RT: 25.410 min Scan# 5531

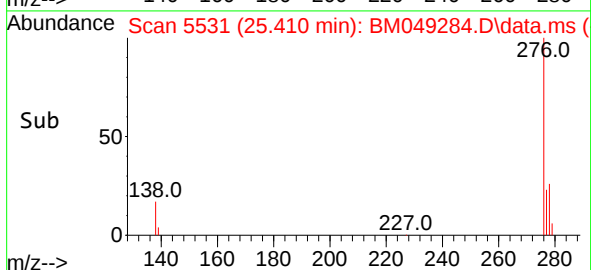
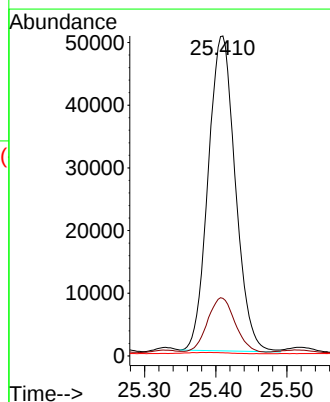
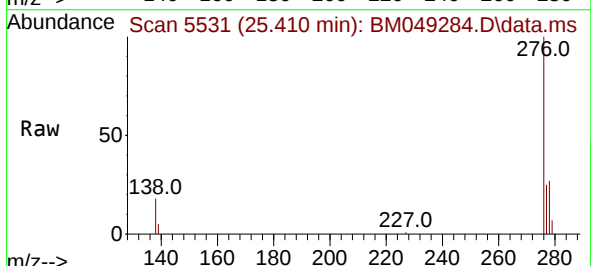
Delta R.T. -0.007 min

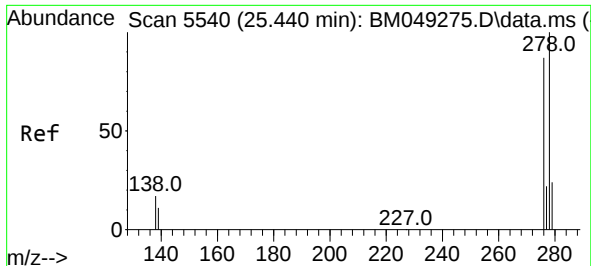
Lab File: BM049284.D

Acq: 28 Dec 2024 09:45

Tgt Ion:276 Resp: 133051

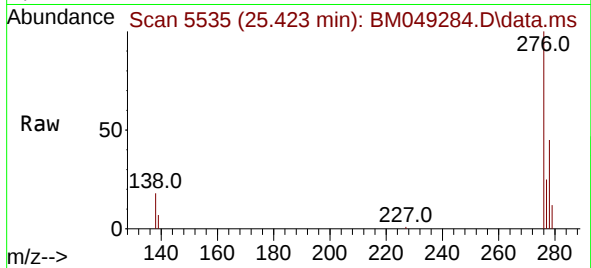
Ion	Ratio	Lower	Upper
276	100		
138	17.9	17.4	26.2
227	0.0	0.2	0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.535 ng/ul
RT: 25.423 min Scan# 51
Delta R.T. -0.014 min
Lab File: BM049284.D
Acq: 28 Dec 2024 09:45

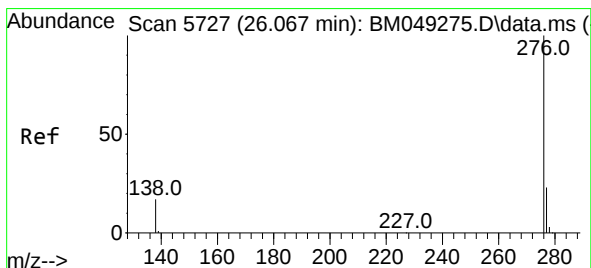
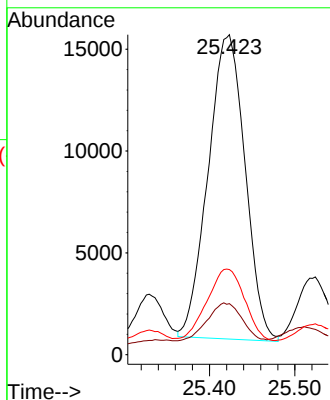
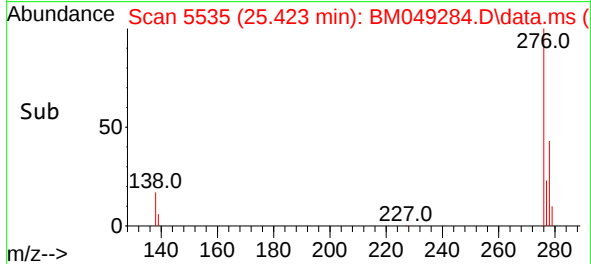
Instrument :
BNA_M
ClientSampleId :
E2926MS



Tgt Ion:278 Resp: 4488
Ion Ratio Lower Upper
278 100
139 16.0 13.5 20.3
279 26.6 21.5 32.3

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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: 1.507 ng/ul
RT: 26.054 min Scan# 5723
Delta R.T. -0.014 min
Lab File: BM049284.D
Acq: 28 Dec 2024 09:45

Tgt Ion:276 Resp: 130810
Ion Ratio Lower Upper
276 100
138 18.2 16.7 25.1
277 24.4 19.9 29.9

