

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
 Data File : BM049288.D
 Acq On : 28 Dec 2024 12:08
 Operator : RC/JU
 Sample : P5351-04
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2926

Manual Integrations
 APPROVED

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

Quant Time: Dec 29 21:57:02 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	7.539	152	6574	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	21339	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.178	164	12845	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.926	188	30186m	0.400	ng/ul	0.00
17) Chrysene-d12	21.131	240	26471m	0.400	ng/ul	0.00
23) Perylene-d12	23.282	264	26427m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	26107	3.443	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.899	152	6519	0.227	ng/ul	0.00
18) Fluoranthene-d10	18.965	212	14376m	0.191	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.348	128	1558	0.029	ng/ul#	77
7) 2-Methylnaphthalene	11.976	142	995	0.029	ng/ul	99
8) 1-Methylnaphthalene	12.196	142	1055	0.030	ng/ul	97
10) Acenaphthylene	13.891	152	1789	0.034	ng/ul#	76
11) Acenaphthene	14.238	153	3464	0.089	ng/ul	99
12) Fluorene	15.233	166	3385	0.077	ng/ul#	98
15) Phenanthrene	16.968	178	82933m	1.052	ng/ul	
16) Anthracene	17.061	178	17080m	0.236	ng/ul	
19) Fluoranthene	18.993	202	162873m	1.702	ng/ul	
20) Pyrene	19.355	202	130835m	1.282	ng/ul	
21) Benzo(a)anthracene	21.114	228	70556m	0.766	ng/ul	
22) Chrysene	21.166	228	69416m	0.702	ng/ul	
24) Benzo(b)fluoranthene	22.645	252	84641m	1.003	ng/ul	
25) Benzo(k)fluoranthene	22.683	252	32304m	0.349	ng/ul	
26) Benzo(a)pyrene	23.189	252	57407m	0.709	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.410	276	43676m	0.381	ng/ul	
28) Dibenzo(a,h)anthracene	25.420	278	10503m	0.118	ng/ul	
29) Benzo(g,h,i)perylene	26.061	276	45568m	0.494	ng/ul	

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

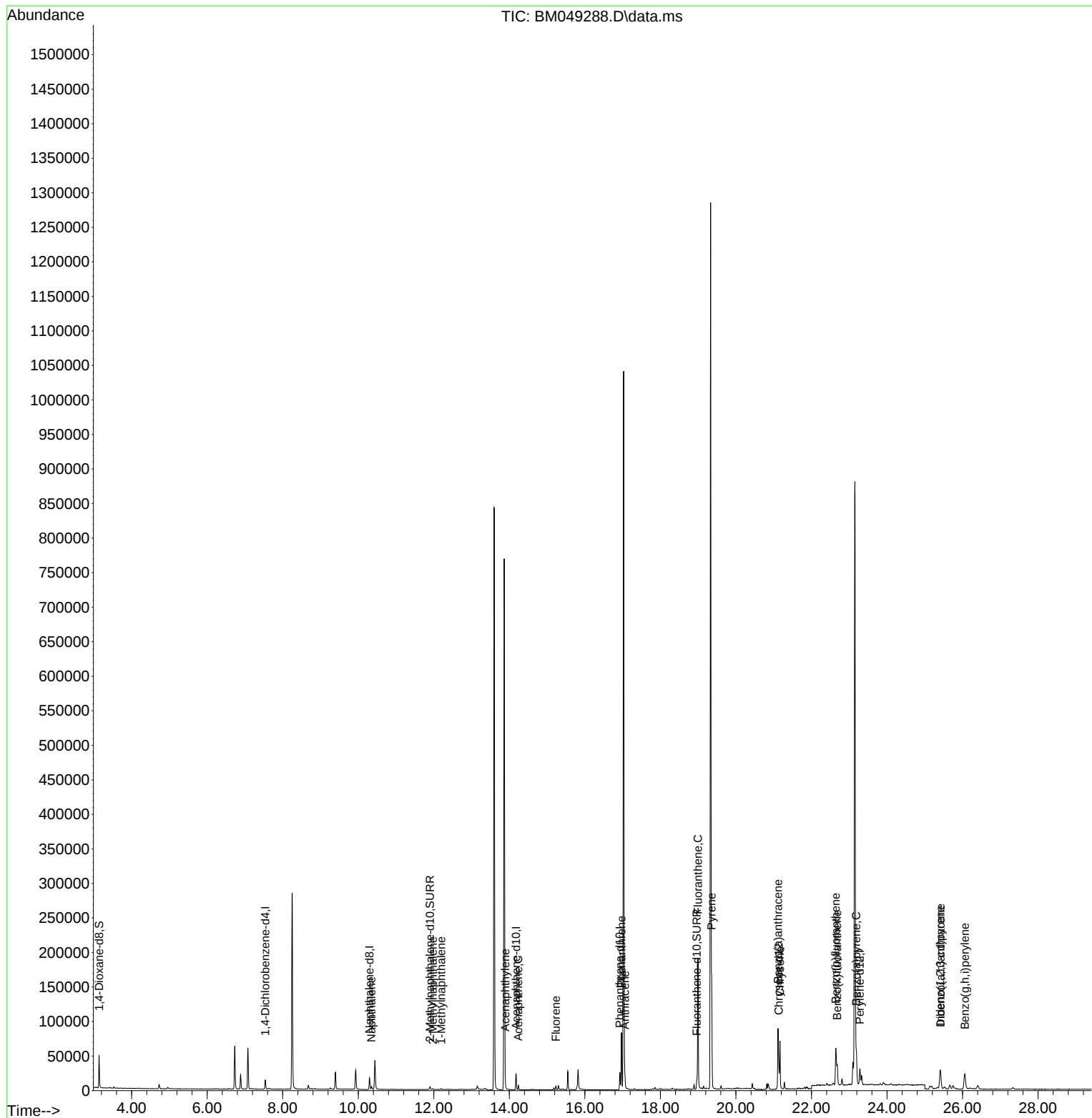
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
Acq On : 28 Dec 2024 12:08
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ALS Vial : 49 Sample Multiplier: 1

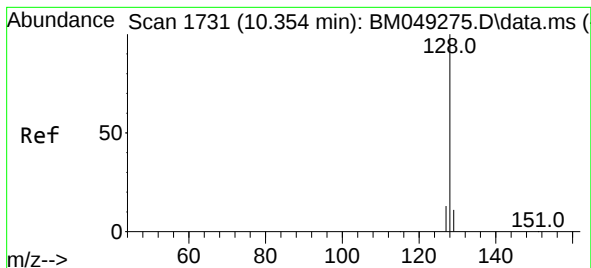
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Quant Time: Dec 29 21:57:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
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#5

Naphthalene

Concen: 0.029 ng/ul

RT: 10.348 min Scan# 1730

Delta R.T. -0.010 min

Lab File: BM049288.D

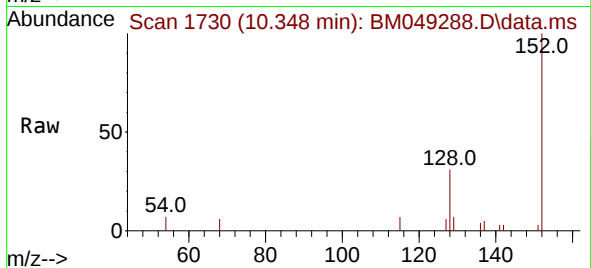
Acq: 28 Dec 2024 12:08

Instrument :

BNA_M

ClientSampleId :

E2926



Tgt Ion:128 Resp: 1558

Ion Ratio Lower Upper

128 100

129 23.9 9.7 14.5

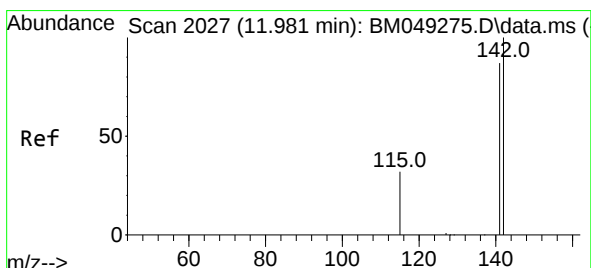
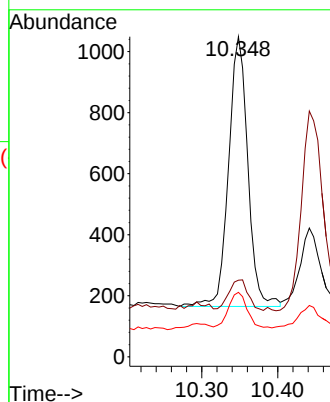
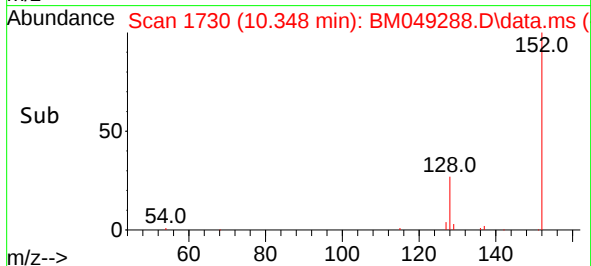
127 20.1 10.6 16.0

Manual Integrations

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#7

2-Methylnaphthalene

Concen: 0.029 ng/ul

RT: 11.976 min Scan# 2026

Delta R.T. -0.004 min

Lab File: BM049288.D

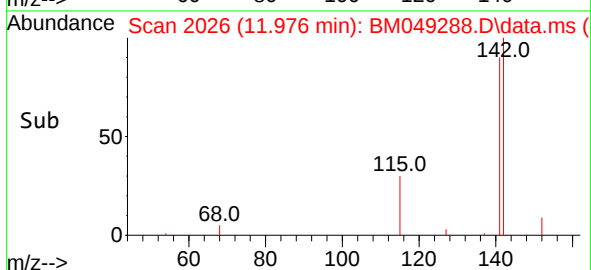
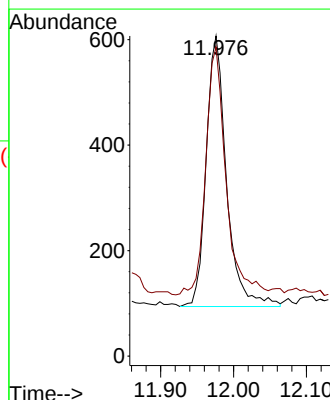
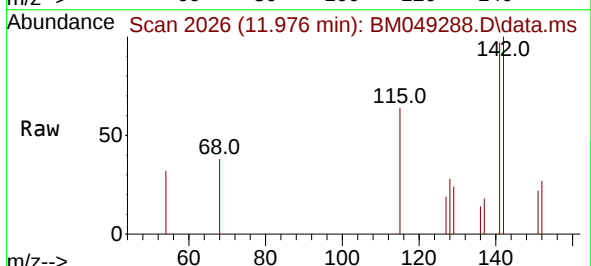
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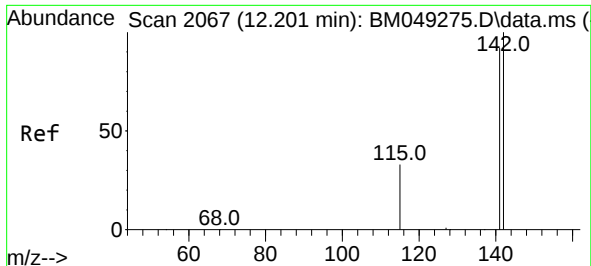
Tgt Ion:142 Resp: 995

Ion Ratio Lower Upper

142 100

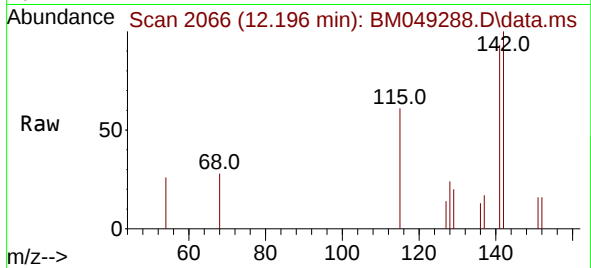
141 90.8 71.7 107.5





#8
1-Methylnaphthalene
Concen: 0.030 ng/u1
RT: 12.196 min Scan# 2066
Delta R.T. -0.010 min
Lab File: BM049288.D
Acq: 28 Dec 2024 12:08

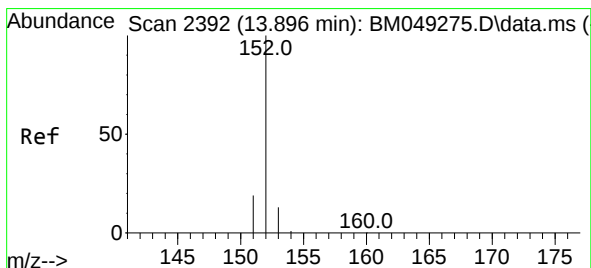
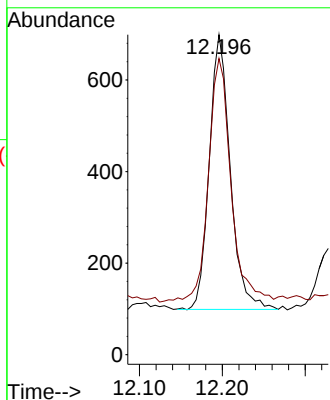
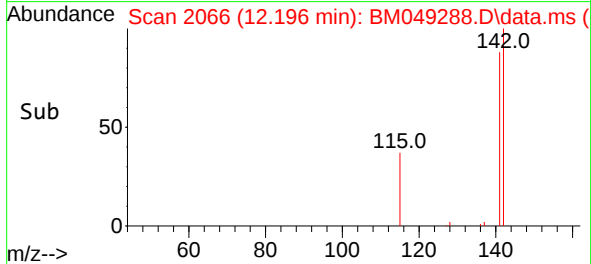
Instrument :
BNA_M
ClientSampleId :
E2926



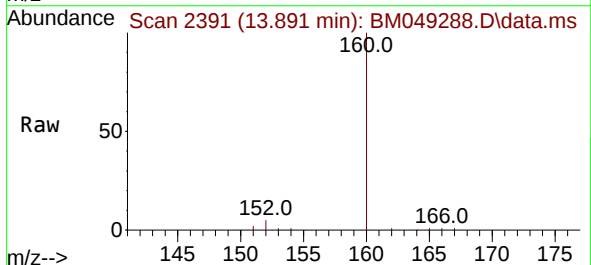
Tgt Ion:142 Resp: 105
Ion Ratio Lower Upper
142 100
141 93.7 72.7 109.1

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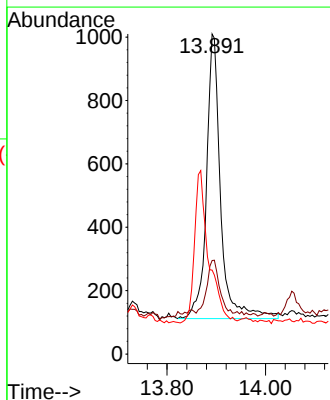
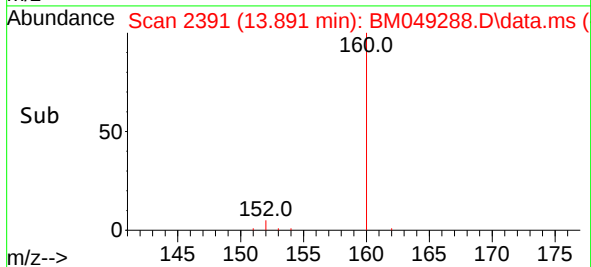
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

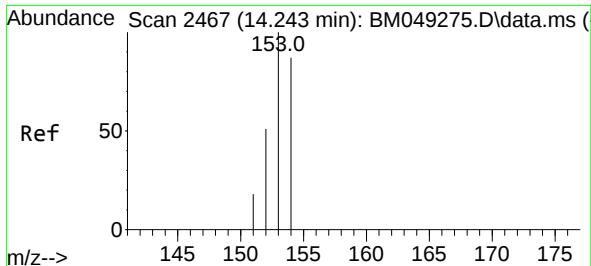


#10
Acenaphthylene
Concen: 0.034 ng/u1
RT: 13.891 min Scan# 2391
Delta R.T. -0.008 min
Lab File: BM049288.D
Acq: 28 Dec 2024 12:08



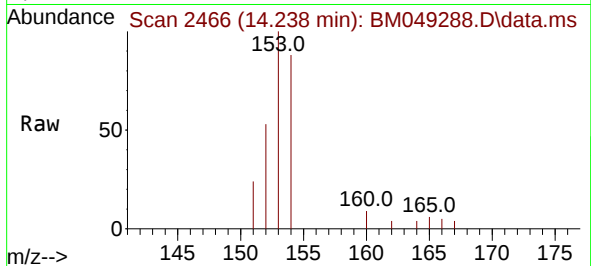
Tgt Ion:152 Resp: 1789
Ion Ratio Lower Upper
152 100
151 29.2 16.0 24.0#
153 26.2 11.0 16.6#





#11
Acenaphthene
Concen: 0.089 ng/u1
RT: 14.238 min Scan# 2466
Delta R.T. -0.008 min
Lab File: BM049288.D
Acq: 28 Dec 2024 12:08

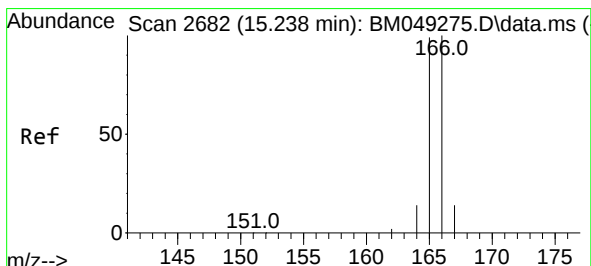
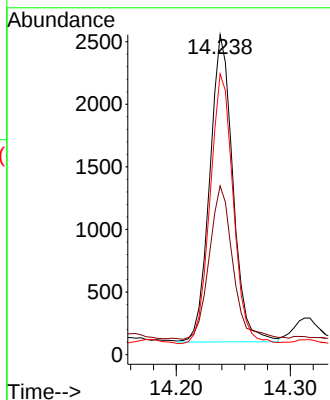
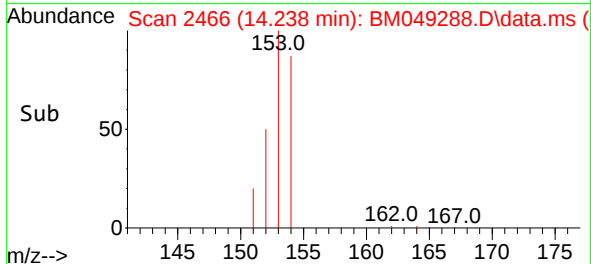
Instrument :
BNA_M
ClientSampleId :
E2926



Tgt Ion:153 Resp: 3464
Ion Ratio Lower Upper
153 100
152 52.7 40.7 61.1
154 87.8 70.8 106.2

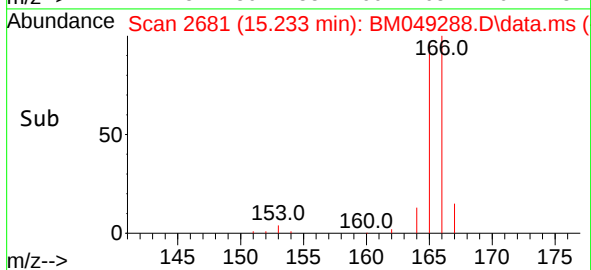
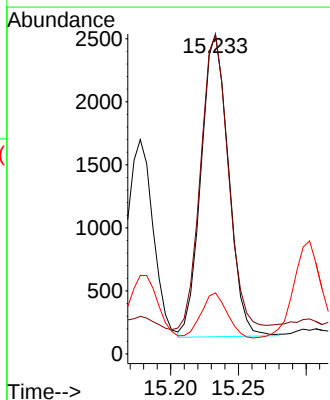
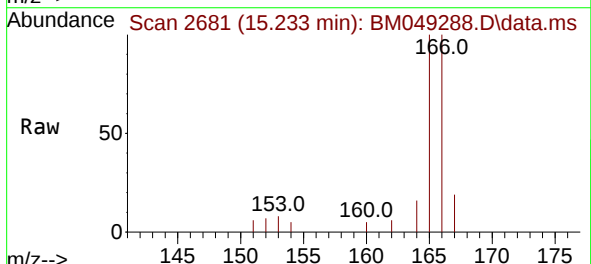
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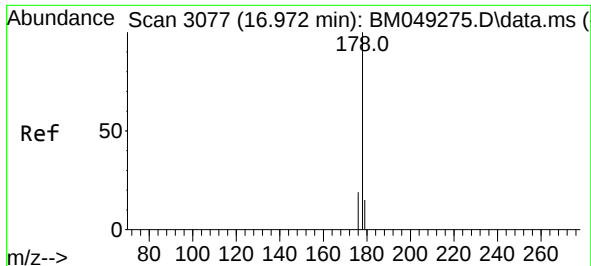
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#12
Fluorene
Concen: 0.077 ng/u1
RT: 15.233 min Scan# 2681
Delta R.T. -0.008 min
Lab File: BM049288.D
Acq: 28 Dec 2024 12:08

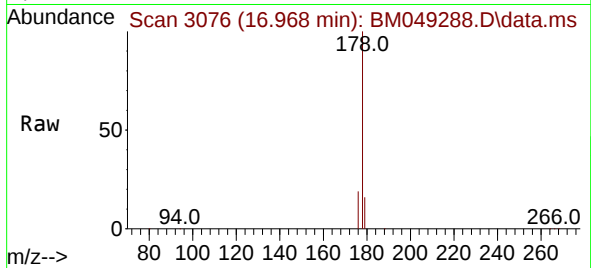
Tgt Ion:166 Resp: 3385
Ion Ratio Lower Upper
166 100
165 99.8 79.7 119.5
167 19.1 11.4 17.0#





#15
Phenanthrene
Concen: 1.052 ng/ul m
RT: 16.968 min Scan# 3076
Delta R.T. -0.007 min
Lab File: BM049288.D
Acq: 28 Dec 2024 12:08

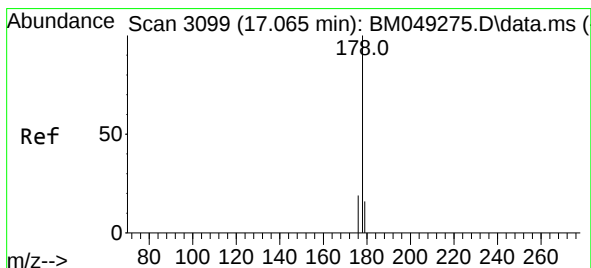
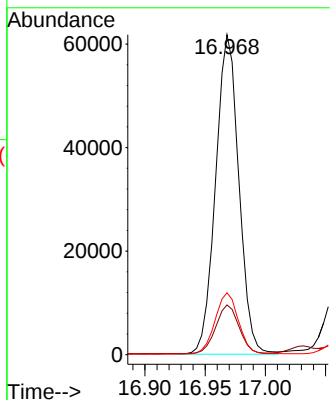
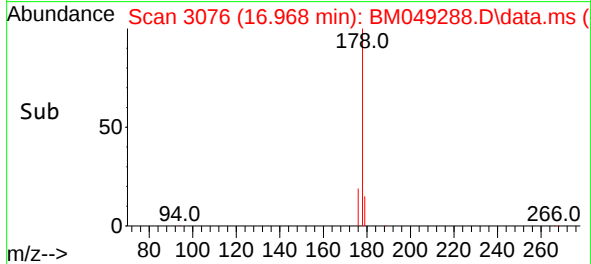
Instrument :
BNA_M
ClientSampleId :
E2926



Tgt Ion:178 Resp: 8293
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.3 16.2 24.2

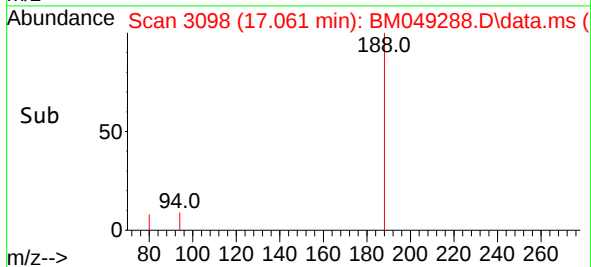
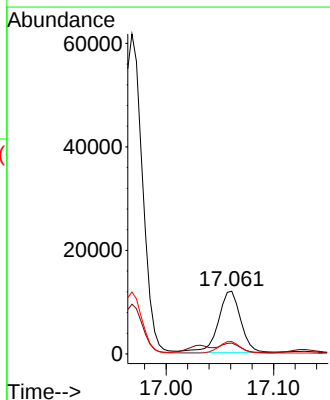
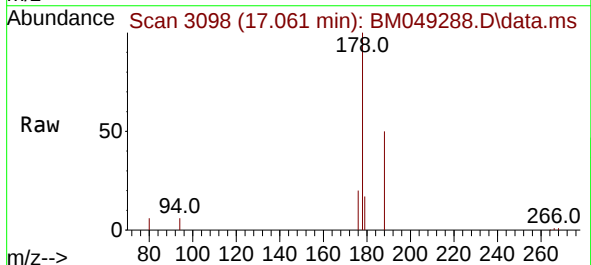
Manual Integrations
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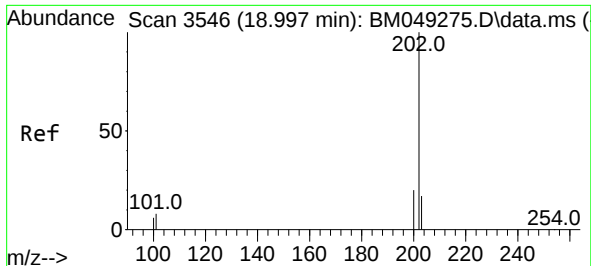
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#16
Anthracene
Concen: 0.236 ng/ul m
RT: 17.061 min Scan# 3098
Delta R.T. -0.007 min
Lab File: BM049288.D
Acq: 28 Dec 2024 12:08

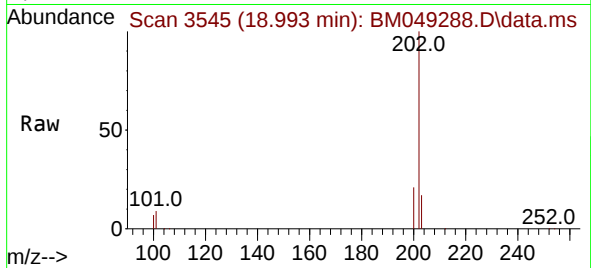
Tgt Ion:178 Resp: 17080
Ion Ratio Lower Upper
178 100
179 17.2 12.9 19.3
176 19.8 15.3 22.9





#19
Fluoranthene
Concen: 1.702 ng/ul m
RT: 18.993 min Scan# 3546
Delta R.T. -0.008 min
Lab File: BM049288.D
Acq: 28 Dec 2024 12:08

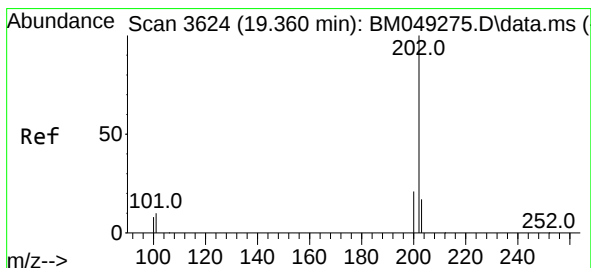
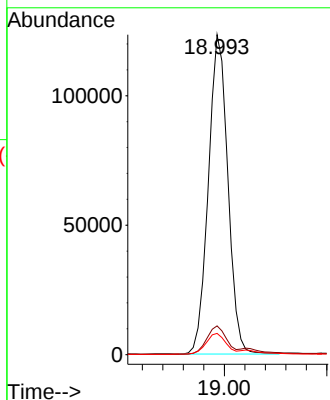
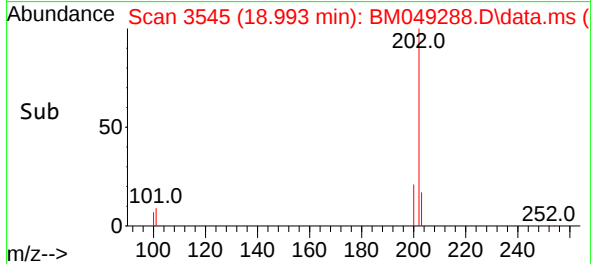
Instrument :
BNA_M
ClientSampleId :
E2926



Tgt Ion:202 Resp: 16287
Ion Ratio Lower Upper
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101 9.0 7.6 11.4
100 6.7 5.5 8.3

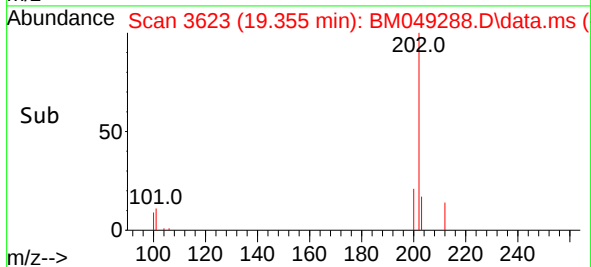
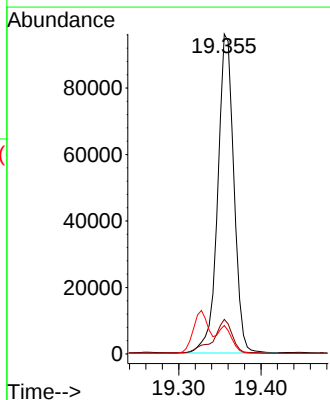
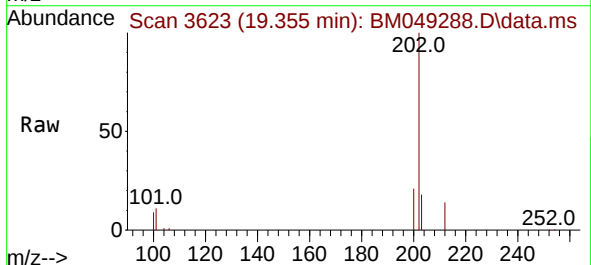
Manual Integrations
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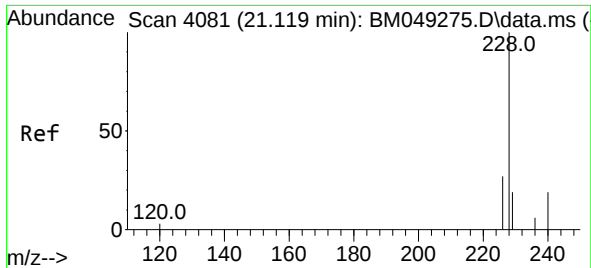
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#20
Pyrene
Concen: 1.282 ng/ul m
RT: 19.355 min Scan# 3623
Delta R.T. -0.008 min
Lab File: BM049288.D
Acq: 28 Dec 2024 12:08

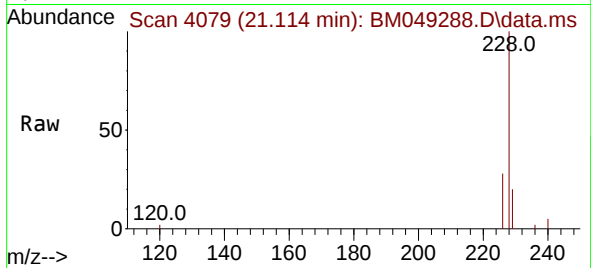
Tgt Ion:202 Resp: 130835
Ion Ratio Lower Upper
202 100
101 10.8 8.9 13.3
100 8.9 6.9 10.3





#21
Benzo(a)anthracene
Concen: 0.766 ng/ul m
RT: 21.114 min Scan# 4081
Delta R.T. -0.006 min
Lab File: BM049288.D
Acq: 28 Dec 2024 12:08

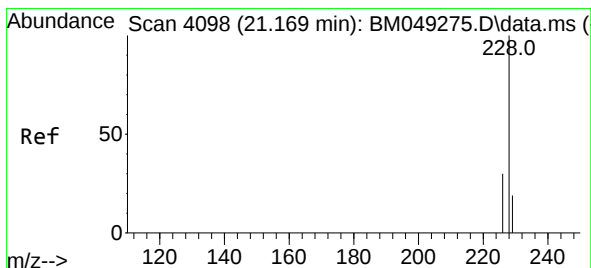
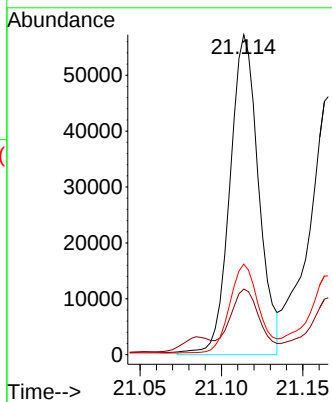
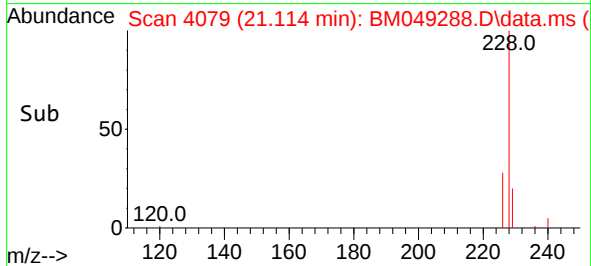
Instrument :
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E2926



Tgt Ion:228 Resp: 70550
Ion Ratio Lower Upper
228 100
229 20.5 15.9 23.9
226 28.3 22.6 34.0

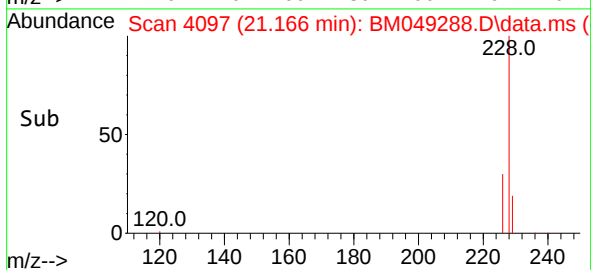
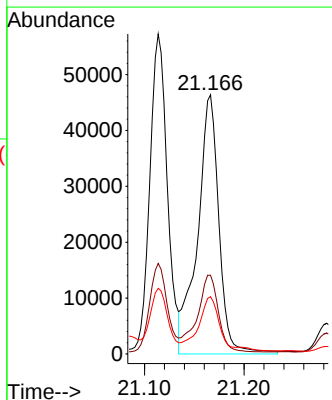
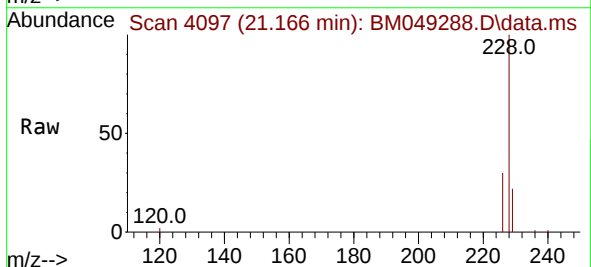
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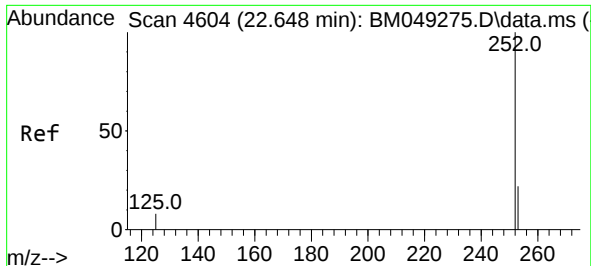
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#22
Chrysene
Concen: 0.702 ng/ul m
RT: 21.166 min Scan# 4097
Delta R.T. -0.006 min
Lab File: BM049288.D
Acq: 28 Dec 2024 12:08

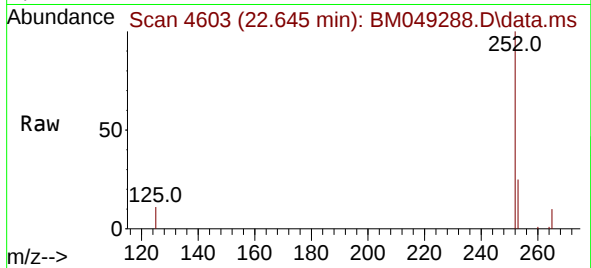
Tgt Ion:228 Resp: 69416
Ion Ratio Lower Upper
228 100
226 30.4 24.1 36.1
229 22.1 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 1.003 ng/ul m
RT: 22.645 min Scan# 4603
Delta R.T. -0.003 min
Lab File: BM049288.D
Acq: 28 Dec 2024 12:08

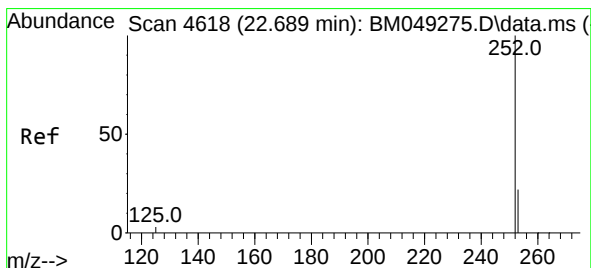
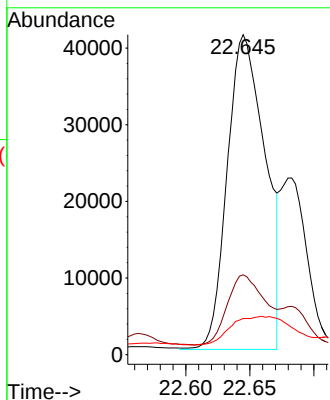
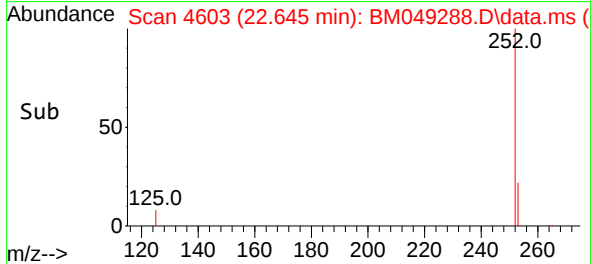
Instrument :
BNA_M
ClientSampleId :
E2926



Tgt Ion:252 Resp: 8464
Ion Ratio Lower Upper
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253 24.9 0.0 52.6
125 11.3 0.0 30.8

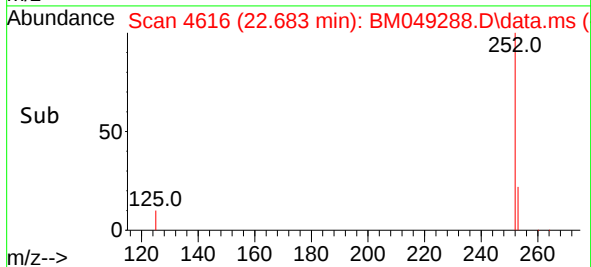
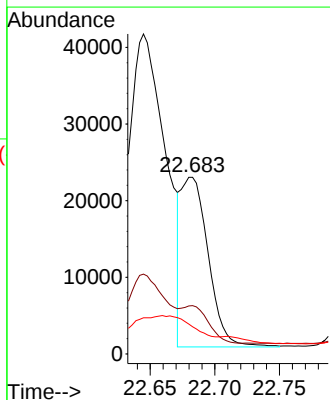
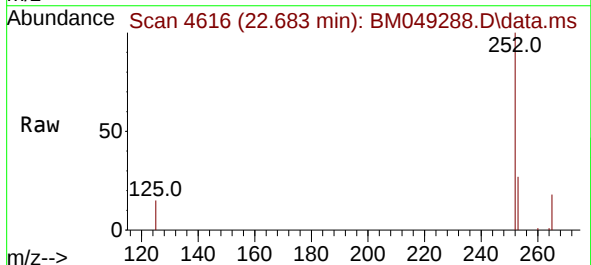
Manual Integrations
APPROVED

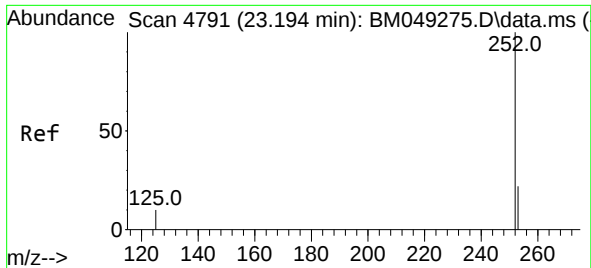
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#25
Benzo(k)fluoranthene
Concen: 0.349 ng/ul m
RT: 22.683 min Scan# 4616
Delta R.T. -0.009 min
Lab File: BM049288.D
Acq: 28 Dec 2024 12:08

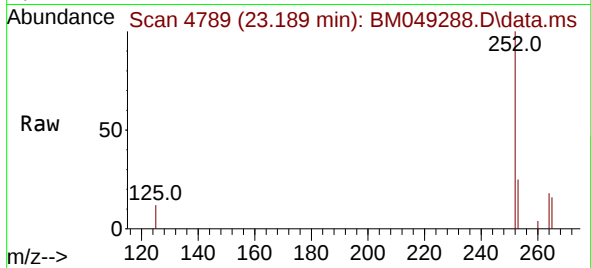
Tgt Ion:252 Resp: 32304
Ion Ratio Lower Upper
252 100
253 27.4 21.3 31.9
125 15.4 12.6 18.8





#26
Benzo(a)pyrene
Concen: 0.709 ng/ul m
RT: 23.189 min Scan# 4789
Delta R.T. -0.003 min
Lab File: BM049288.D
Acq: 28 Dec 2024 12:08

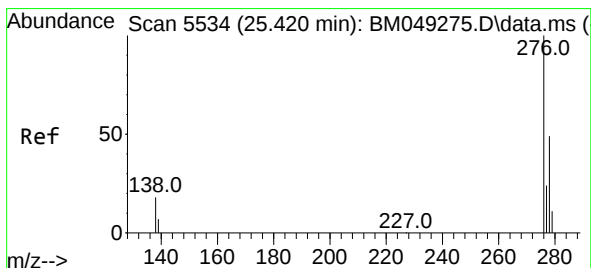
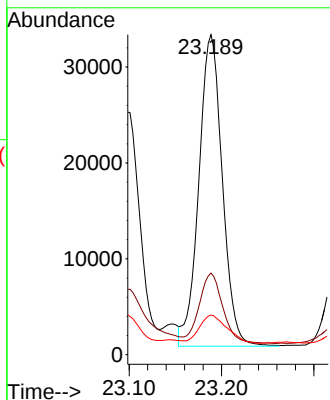
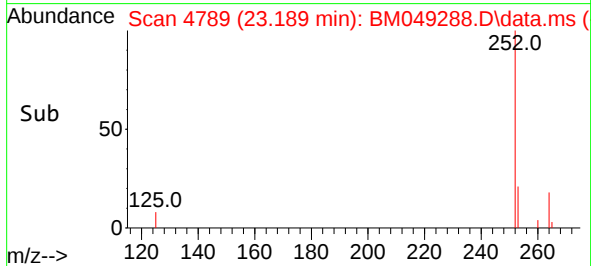
Instrument :
BNA_M
ClientSampleId :
E2926



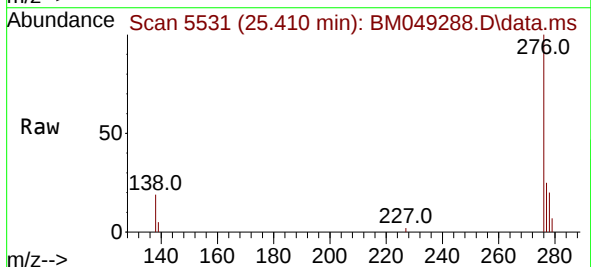
Tgt Ion:252 Resp: 5740
Ion Ratio Lower Upper
252 100
253 25.5 22.4 33.6
125 12.4 14.8 22.2

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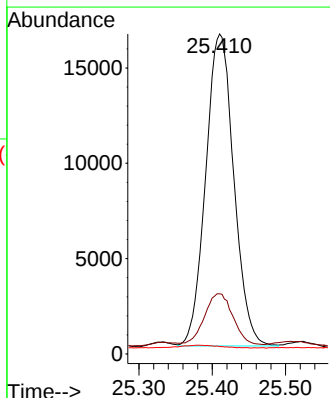
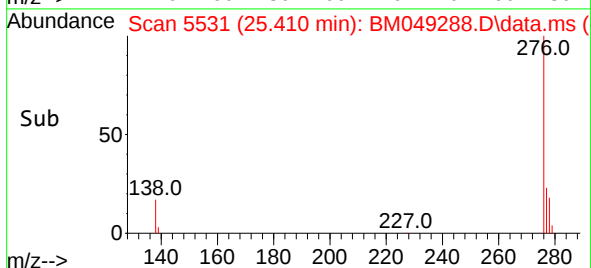
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

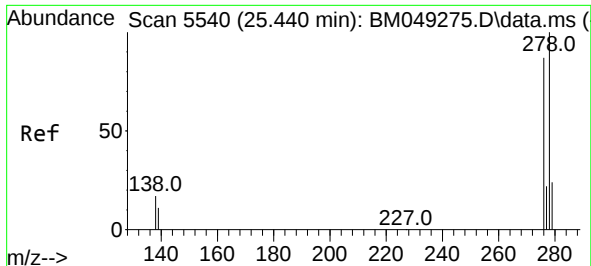


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.381 ng/ul m
RT: 25.410 min Scan# 5531
Delta R.T. -0.007 min
Lab File: BM049288.D
Acq: 28 Dec 2024 12:08



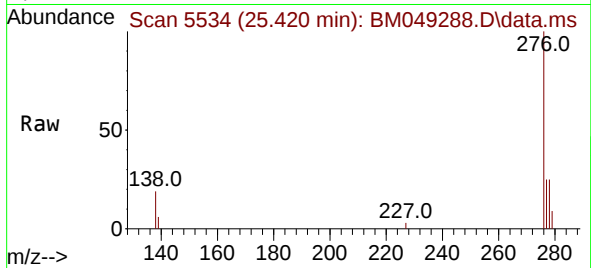
Tgt Ion:276 Resp: 43676
Ion Ratio Lower Upper
276 100
138 1.8 17.4 26.2#
227 0.0 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.118 ng/ul m
RT: 25.420 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM049288.D
Acq: 28 Dec 2024 12:08

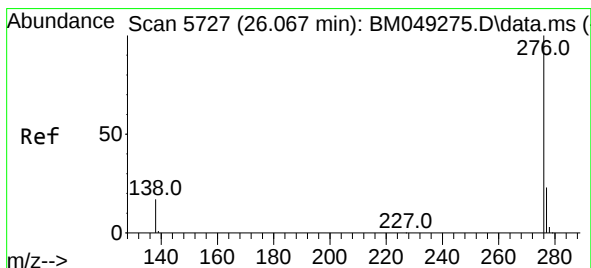
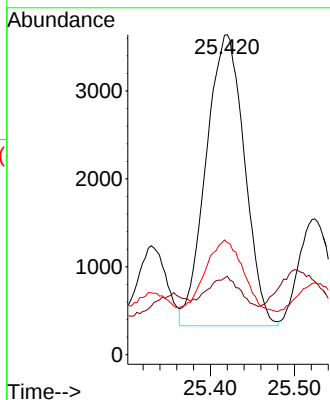
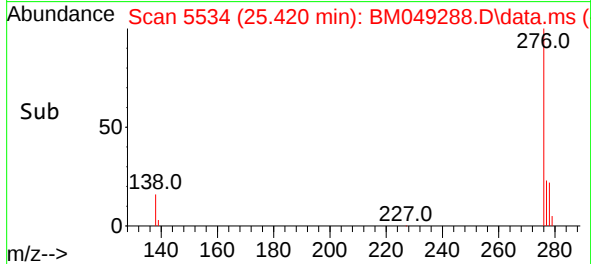
Instrument :
BNA_M
ClientSampleId :
E2926



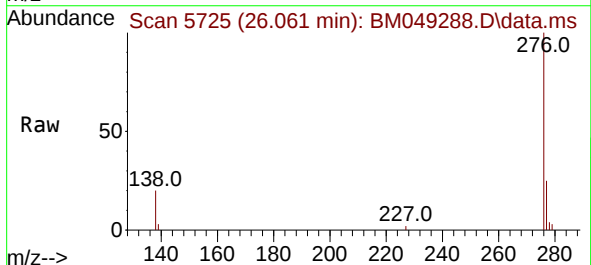
Tgt Ion:278 Resp: 1050
Ion Ratio Lower Upper
278 100
139 24.5 13.5 20.3
279 35.0 21.5 32.3

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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: 0.494 ng/ul m
RT: 26.061 min Scan# 5725
Delta R.T. -0.007 min
Lab File: BM049288.D
Acq: 28 Dec 2024 12:08



Tgt Ion:276 Resp: 45568
Ion Ratio Lower Upper
276 100
138 19.5 16.7 25.1
277 25.0 19.9 29.9

