

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
 Data File : BM049287.D
 Acq On : 28 Dec 2024 11:33
 Operator : RC/JU
 Sample : P5351-03
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2925

Manual Integrations
 APPROVED

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

Quant Time: Dec 29 21:56:52 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	6984	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	23003	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.178	164	13779	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.926	188	33024m	0.400	ng/ul	0.00
17) Chrysene-d12	21.128	240	27370m	0.400	ng/ul	0.00
23) Perylene-d12	23.282	264	27634m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	23987	2.978	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.899	152	6312	0.204	ng/ul	0.00
18) Fluoranthene-d10	18.965	212	14285	0.184	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.348	128	3562	0.062	ng/ul#	90
7) 2-Methylnaphthalene	11.976	142	2563	0.070	ng/ul	98
8) 1-Methylnaphthalene	12.196	142	2662	0.071	ng/ul	98
10) Acenaphthylene	13.891	152	4099	0.072	ng/ul#	88
11) Acenaphthene	14.238	153	5832	0.140	ng/ul	98
12) Fluorene	15.233	166	7933	0.169	ng/ul	99
15) Phenanthrene	16.968	178	151351m	1.755	ng/ul	
16) Anthracene	17.057	178	34352m	0.434	ng/ul	
19) Fluoranthene	18.993	202	261883	2.646	ng/ul	98
20) Pyrene	19.360	202	200834	1.903	ng/ul	97
21) Benzo(a)anthracene	21.114	228	111366	1.170	ng/ul	99
22) Chrysene	21.163	228	103681	1.015	ng/ul	97
24) Benzo(b)fluoranthene	22.645	252	133870m	1.516	ng/ul	
25) Benzo(k)fluoranthene	22.683	252	45621m	0.471	ng/ul	
26) Benzo(a)pyrene	23.189	252	86773m	1.025	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.410	276	65752	0.549	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.417	278	15724	0.169	ng/ul#	89
29) Benzo(g,h,i)perylene	26.061	276	66863	0.694	ng/ul	98

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

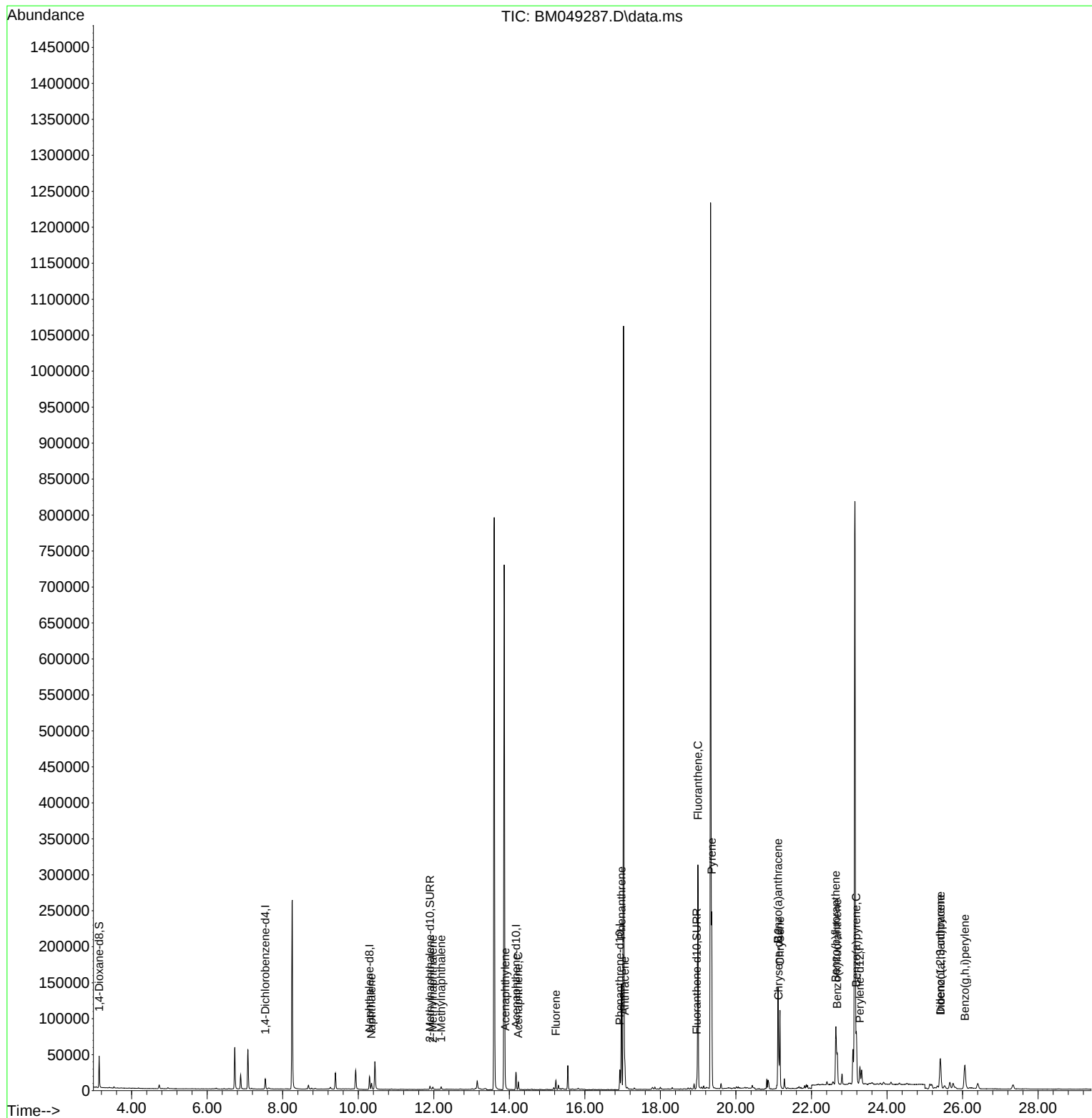
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049287.D
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ALS Vial : 48 Sample Multiplier: 1

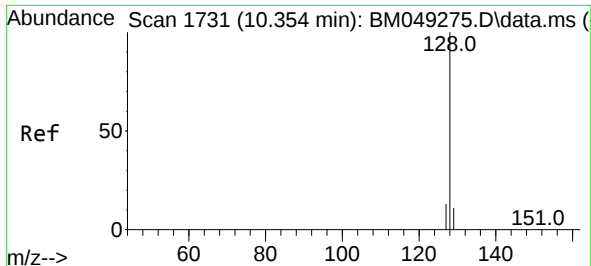
Instrument :
BNA_M
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Quant Time: Dec 29 21:56:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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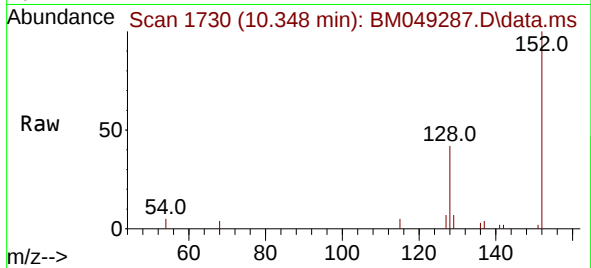
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024





#5
Naphthalene
Concen: 0.062 ng/ul
RT: 10.348 min Scan# 1730
Delta R.T. -0.010 min
Lab File: BM049287.D
Acq: 28 Dec 2024 11:33

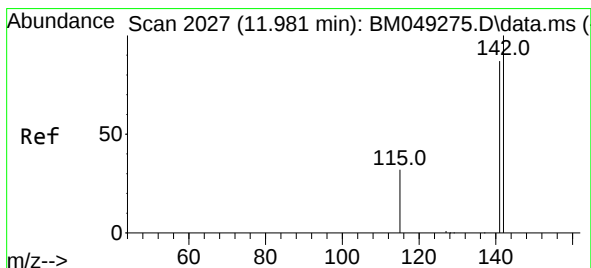
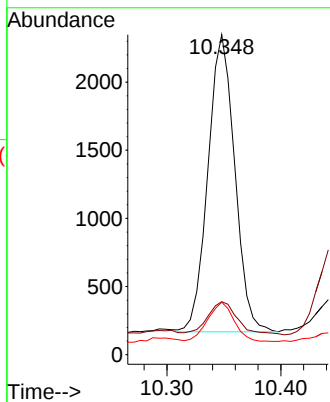
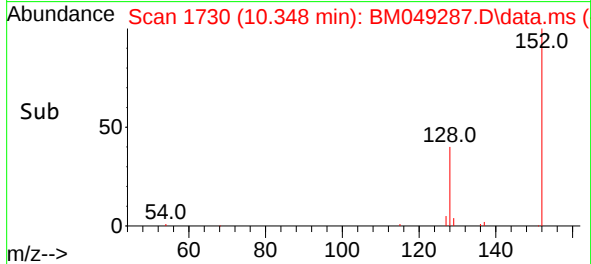
Instrument :
BNA_M
ClientSampleId :
E2925



Tgt Ion:128 Resp: 3562
Ion Ratio Lower Upper
128 100
129 16.6 9.7 14.5
127 16.4 10.6 16.0

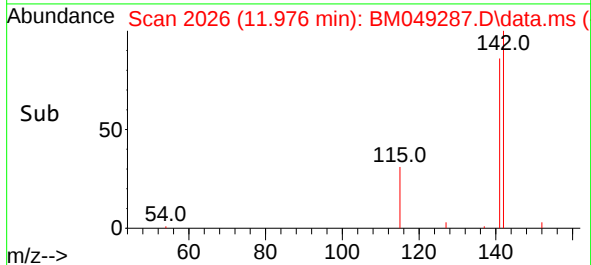
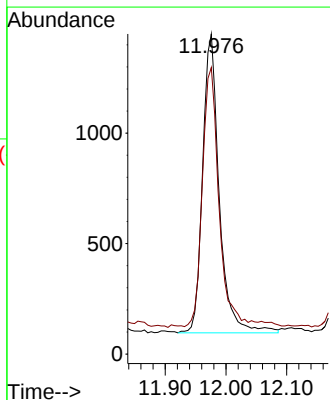
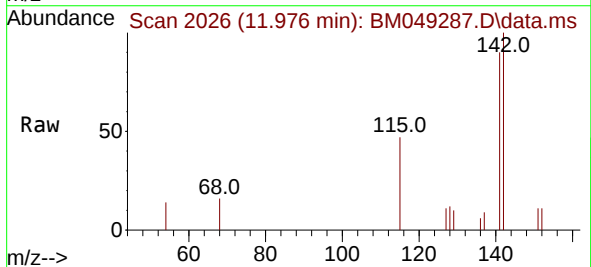
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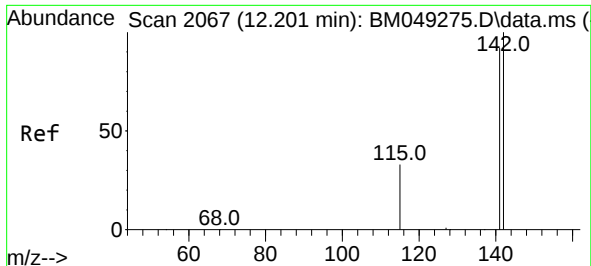
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#7
2-Methylnaphthalene
Concen: 0.070 ng/ul
RT: 11.976 min Scan# 2026
Delta R.T. -0.004 min
Lab File: BM049287.D
Acq: 28 Dec 2024 11:33

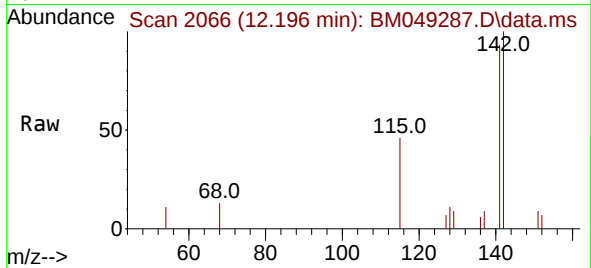
Tgt Ion:142 Resp: 2563
Ion Ratio Lower Upper
142 100
141 88.1 71.7 107.5





#8
1-Methylnaphthalene
Concen: 0.071 ng/u1
RT: 12.196 min Scan# 2066
Delta R.T. -0.010 min
Lab File: BM049287.D
Acq: 28 Dec 2024 11:33

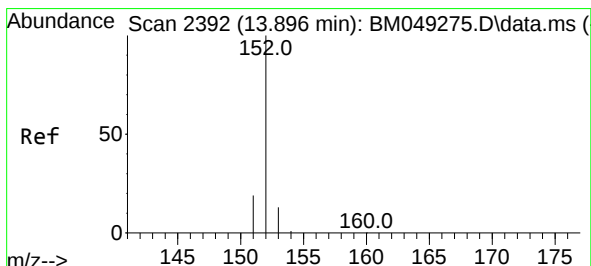
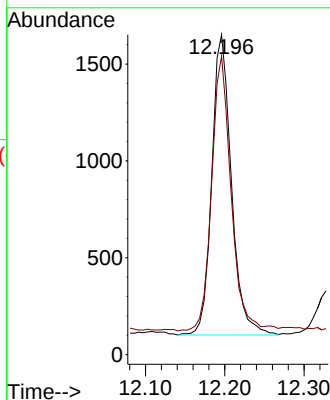
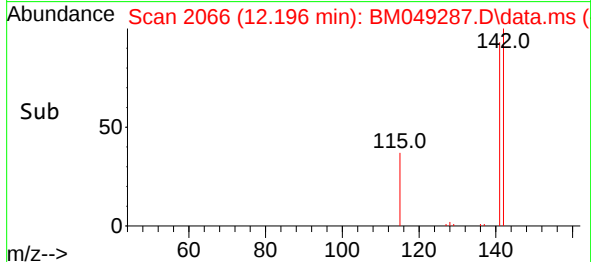
Instrument :
BNA_M
ClientSampleId :
E2925



Tgt Ion:142 Resp: 2662
Ion Ratio Lower Upper
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141 92.6 72.7 109.1

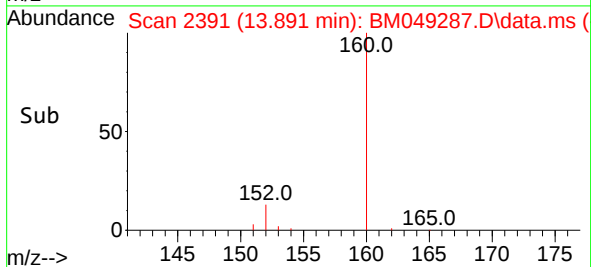
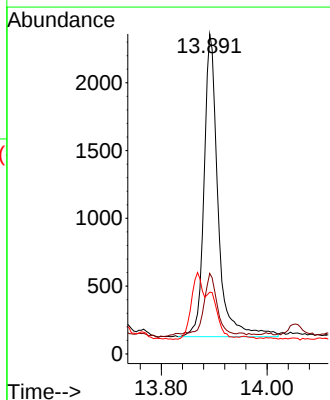
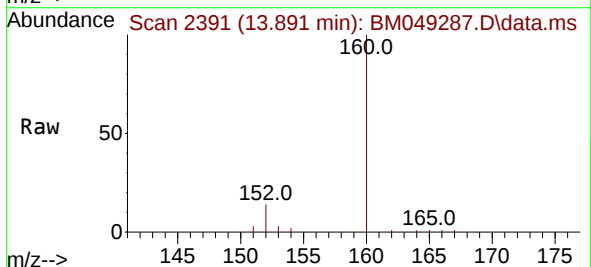
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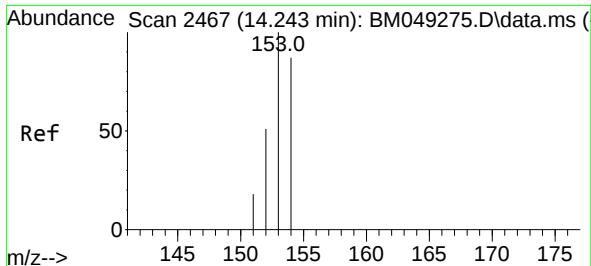
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#10
Acenaphthylene
Concen: 0.072 ng/u1
RT: 13.891 min Scan# 2391
Delta R.T. -0.008 min
Lab File: BM049287.D
Acq: 28 Dec 2024 11:33

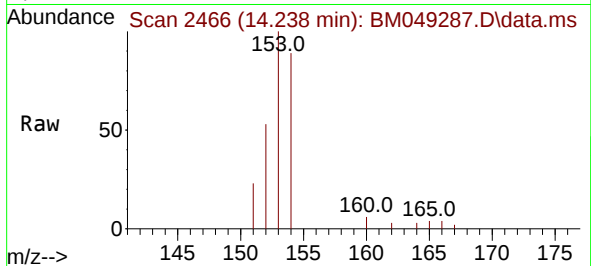
Tgt Ion:152 Resp: 4099
Ion Ratio Lower Upper
152 100
151 25.1 16.0 24.0#
153 19.3 11.0 16.6#





#11
Acenaphthene
Concen: 0.140 ng/ul
RT: 14.238 min Scan# 2466
Delta R.T. -0.008 min
Lab File: BM049287.D
Acq: 28 Dec 2024 11:33

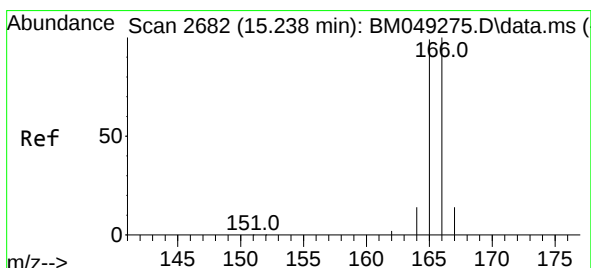
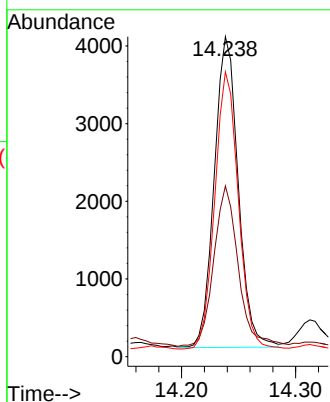
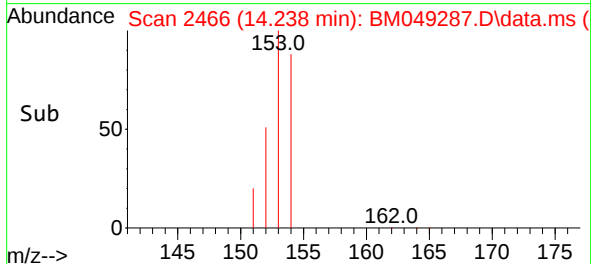
Instrument :
BNA_M
ClientSampleId :
E2925



Tgt Ion:153 Resp: 5832
Ion Ratio Lower Upper
153 100
152 53.3 40.7 61.1
154 89.0 70.8 106.2

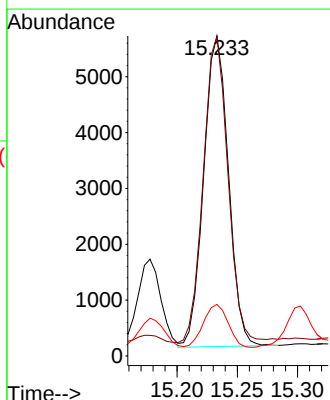
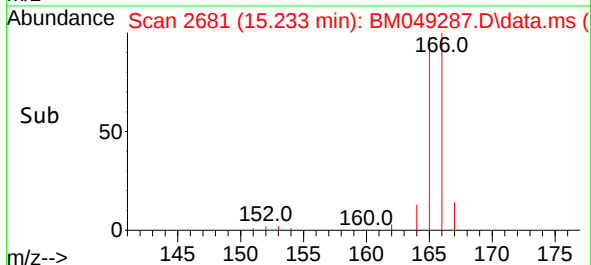
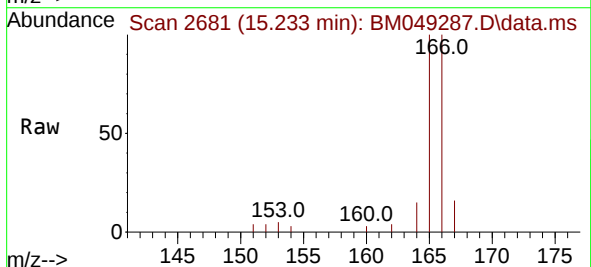
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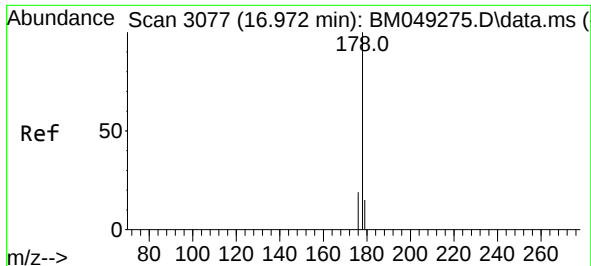
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#12
Fluorene
Concen: 0.169 ng/ul
RT: 15.233 min Scan# 2681
Delta R.T. -0.008 min
Lab File: BM049287.D
Acq: 28 Dec 2024 11:33

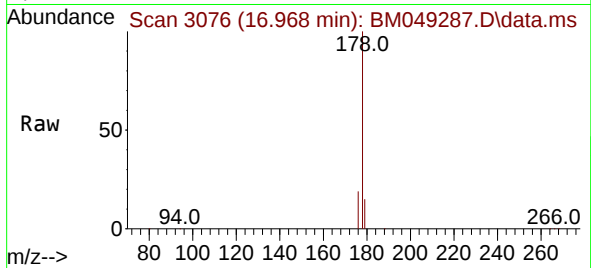
Tgt Ion:166 Resp: 7933
Ion Ratio Lower Upper
166 100
165 99.8 79.7 119.5
167 16.1 11.4 17.0





#15
Phenanthrene
Concen: 1.755 ng/ul m
RT: 16.968 min Scan# 3076
Delta R.T. -0.007 min
Lab File: BM049287.D
Acq: 28 Dec 2024 11:33

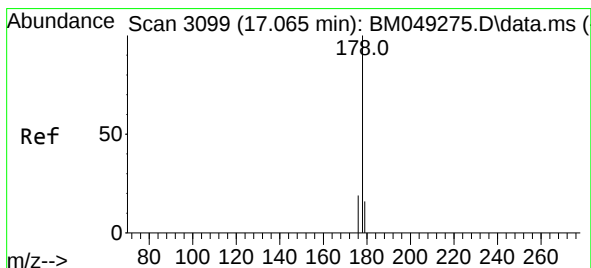
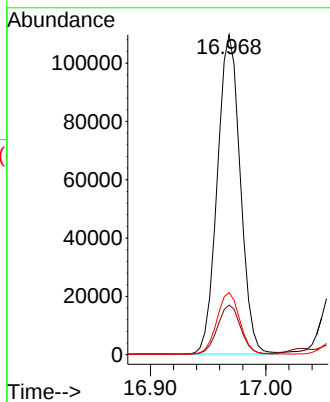
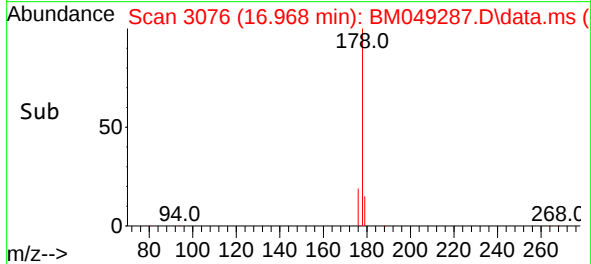
Instrument :
BNA_M
ClientSampleId :
E2925



Tgt Ion:178 Resp: 15135
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.4 16.2 24.2

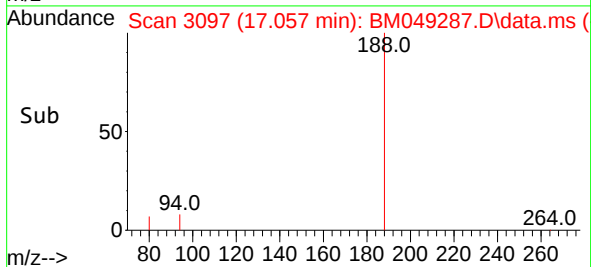
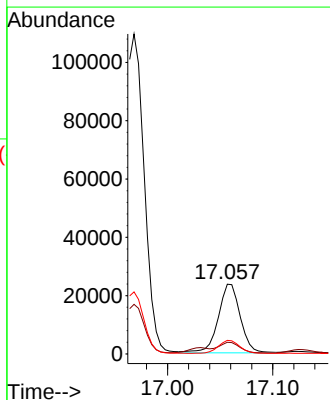
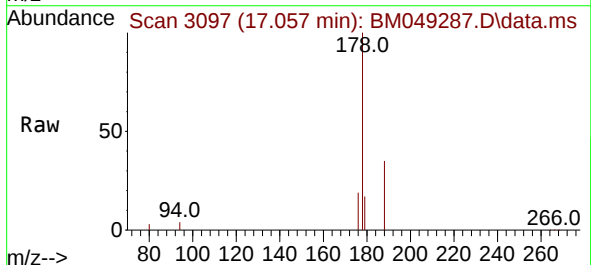
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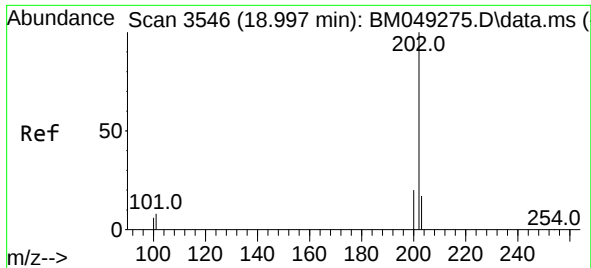
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#16
Anthracene
Concen: 0.434 ng/ul m
RT: 17.057 min Scan# 3097
Delta R.T. -0.011 min
Lab File: BM049287.D
Acq: 28 Dec 2024 11:33

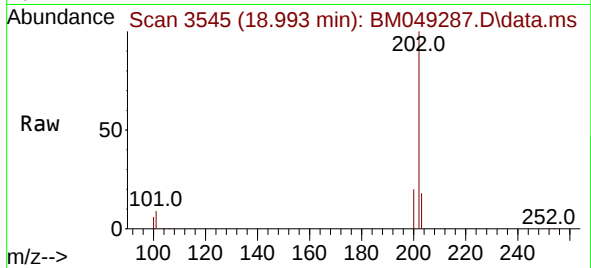
Tgt Ion:178 Resp: 34352
Ion Ratio Lower Upper
178 100
179 16.9 12.9 19.3
176 19.5 15.3 22.9





#19
Fluoranthene
Concen: 2.646 ng/ul
RT: 18.993 min Scan# 3545
Delta R.T. -0.008 min
Lab File: BM049287.D
Acq: 28 Dec 2024 11:33

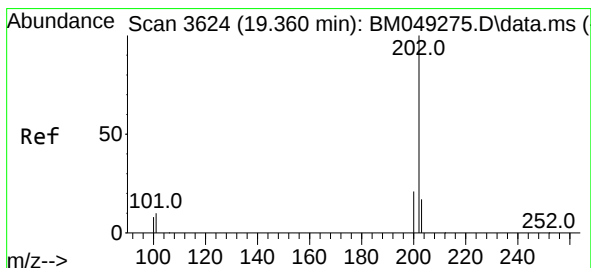
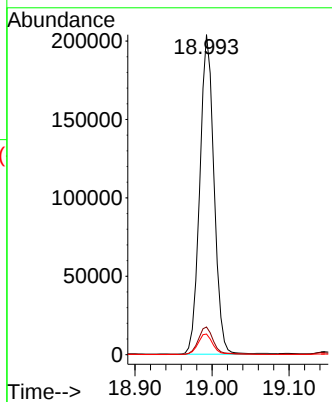
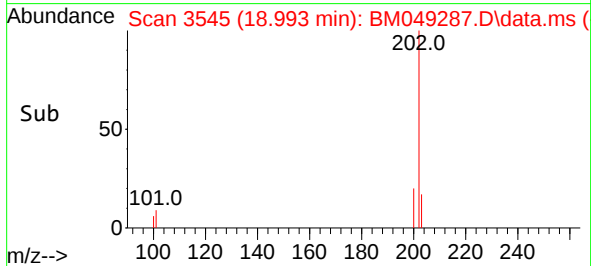
Instrument :
BNA_M
ClientSampleId :
E2925



Tgt Ion:202 Resp: 26188
Ion Ratio Lower Upper
202 100
101 8.7 7.6 11.4
100 6.5 5.5 8.3

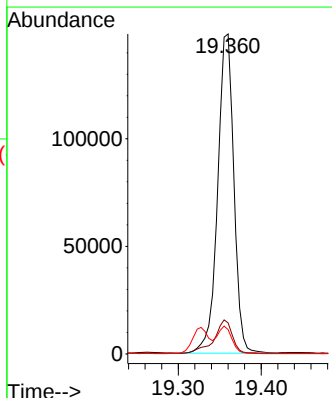
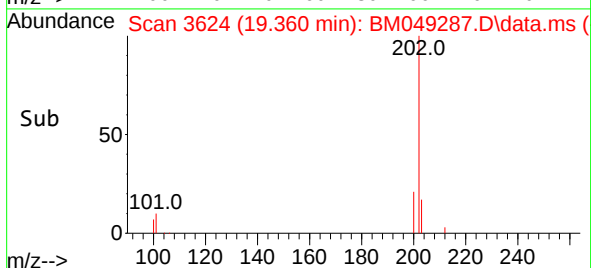
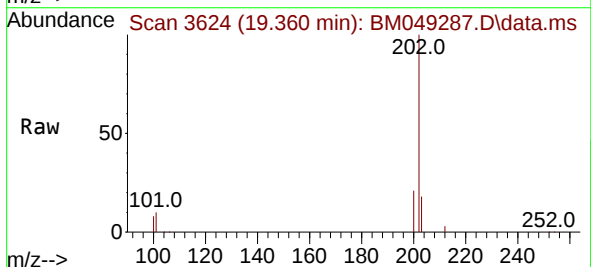
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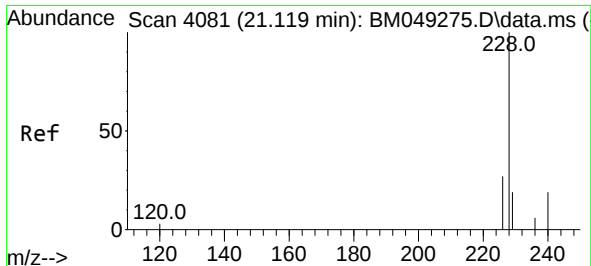
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#20
Pyrene
Concen: 1.903 ng/ul
RT: 19.360 min Scan# 3624
Delta R.T. -0.003 min
Lab File: BM049287.D
Acq: 28 Dec 2024 11:33

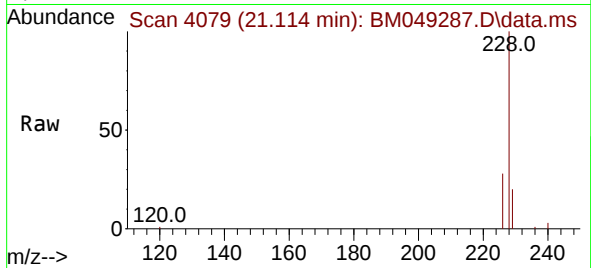
Tgt Ion:202 Resp: 200834
Ion Ratio Lower Upper
202 100
101 9.7 8.9 13.3
100 7.6 6.9 10.3





#21
Benzo(a)anthracene
Concen: 1.170 ng/ul
RT: 21.114 min Scan# 4079
Delta R.T. -0.006 min
Lab File: BM049287.D
Acq: 28 Dec 2024 11:33

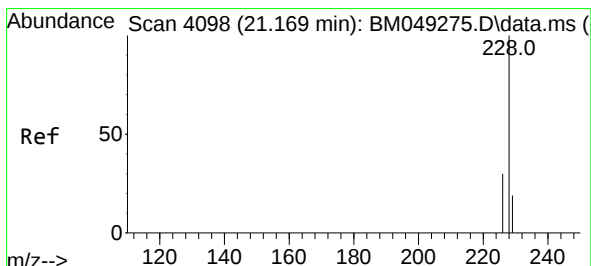
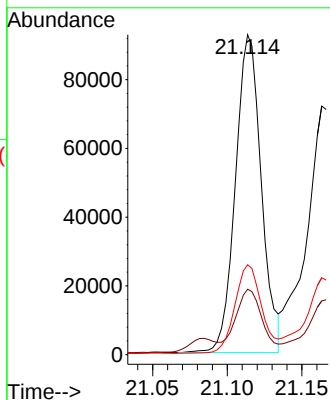
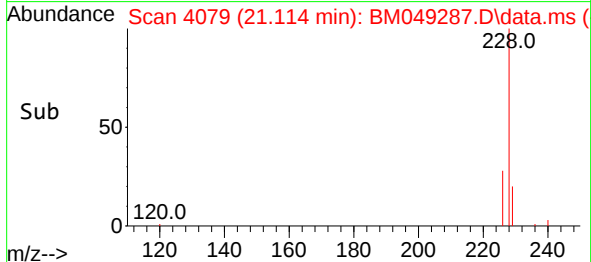
Instrument :
BNA_M
ClientSampleId :
E2925



Tgt Ion:228 Resp: 111360
Ion Ratio Lower Upper
228 100
229 20.4 15.9 23.9
226 28.1 22.6 34.0

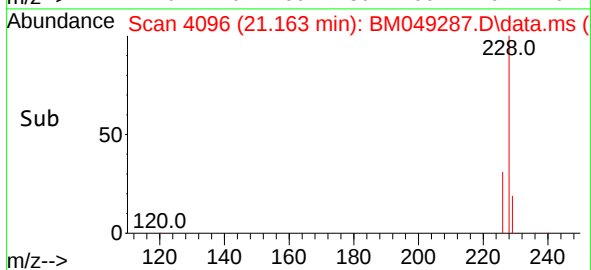
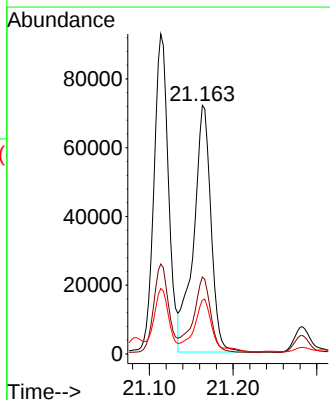
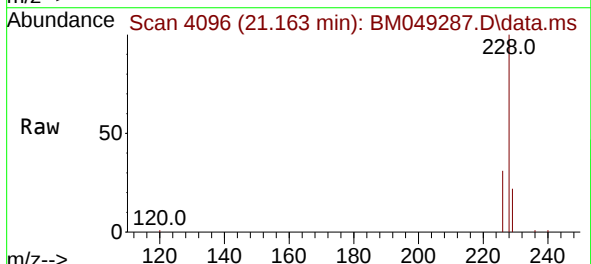
Manual Integrations
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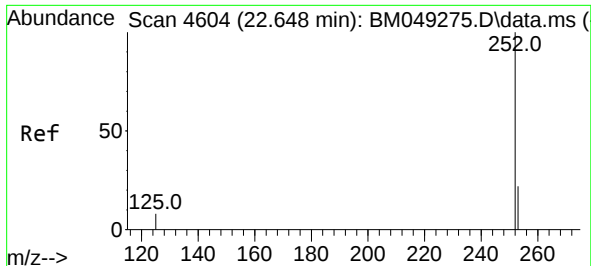
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#22
Chrysene
Concen: 1.015 ng/ul
RT: 21.163 min Scan# 4096
Delta R.T. -0.009 min
Lab File: BM049287.D
Acq: 28 Dec 2024 11:33

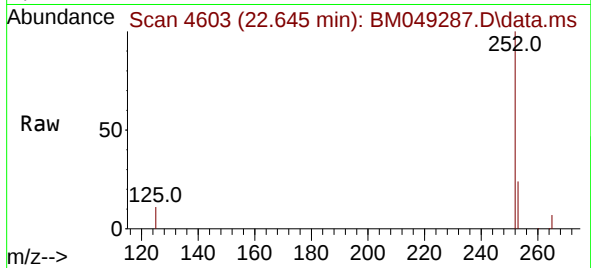
Tgt Ion:228 Resp: 103681
Ion Ratio Lower Upper
228 100
226 31.0 24.1 36.1
229 21.6 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 1.516 ng/ul m
RT: 22.645 min Scan# 4603
Delta R.T. -0.003 min
Lab File: BM049287.D
Acq: 28 Dec 2024 11:33

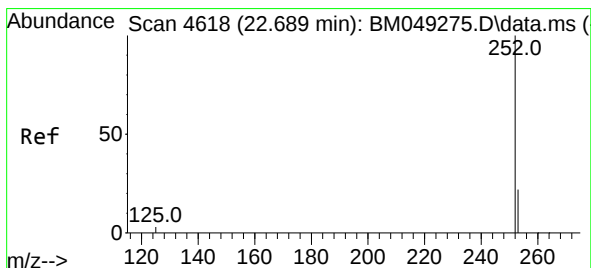
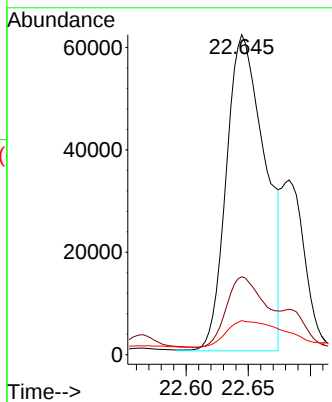
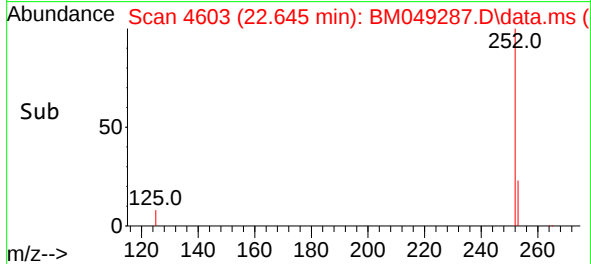
Instrument :
BNA_M
ClientSampleId :
E2925



Tgt Ion:252 Resp: 133870
Ion Ratio Lower Upper
252 100
253 24.4 0.0 52.6
125 10.7 0.0 30.8

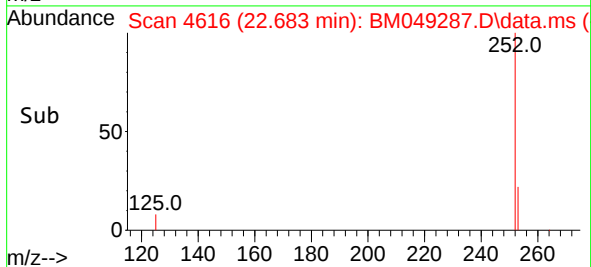
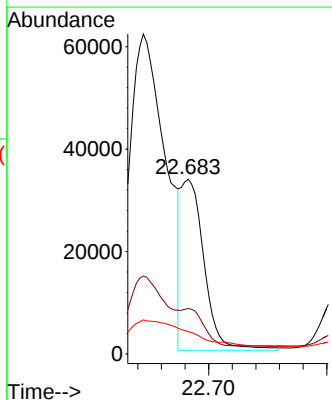
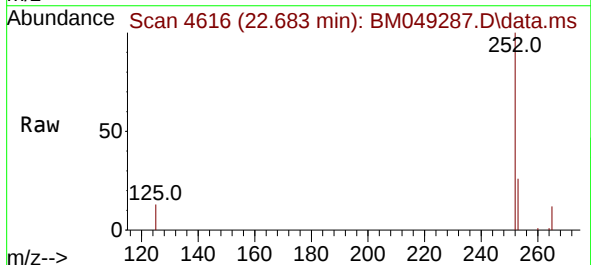
Manual Integrations
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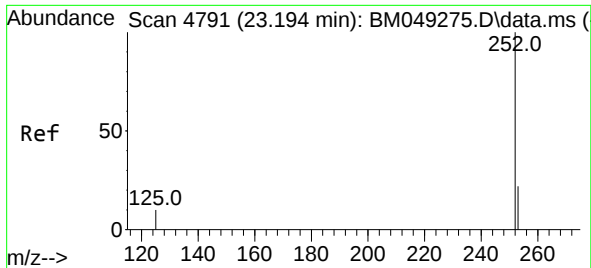
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#25
Benzo(k)fluoranthene
Concen: 0.471 ng/ul m
RT: 22.683 min Scan# 4616
Delta R.T. -0.009 min
Lab File: BM049287.D
Acq: 28 Dec 2024 11:33

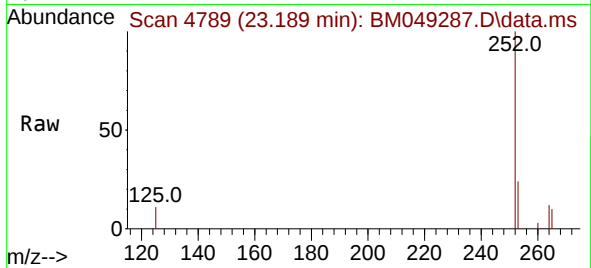
Tgt Ion:252 Resp: 45621
Ion Ratio Lower Upper
252 100
253 26.1 21.3 31.9
125 12.7 12.6 18.8





#26
Benzo(a)pyrene
Concen: 1.025 ng/ul m
RT: 23.189 min Scan# 4791
Delta R.T. -0.003 min
Lab File: BM049287.D
Acq: 28 Dec 2024 11:33

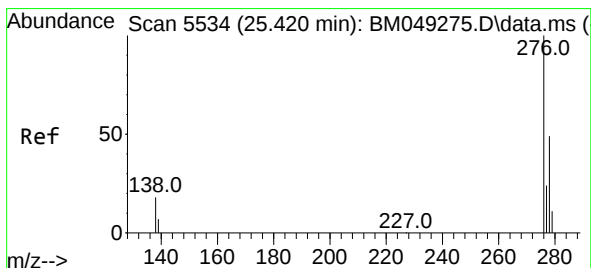
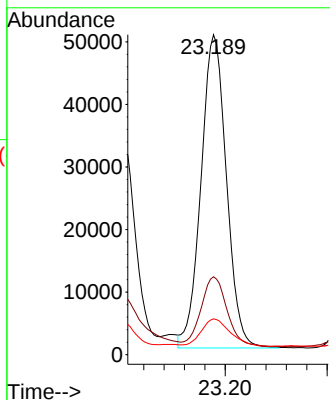
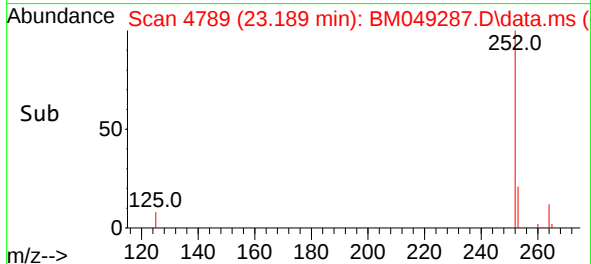
Instrument :
BNA_M
ClientSampleId :
E2925



Tgt Ion:252 Resp: 86773
Ion Ratio Lower Upper
252 100
253 24.4 22.4 33.6
125 11.2 14.8 22.2

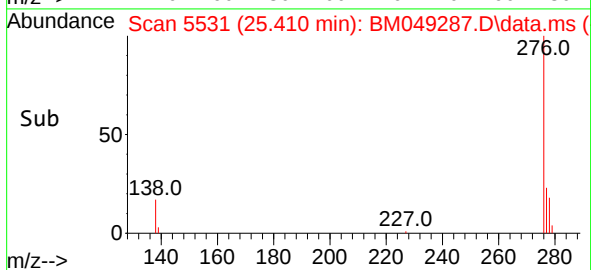
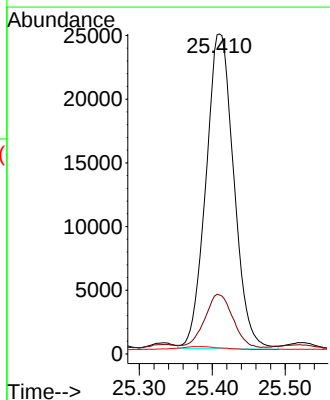
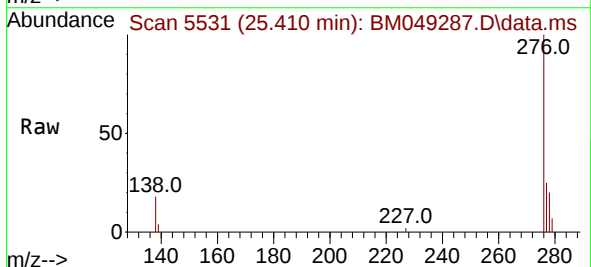
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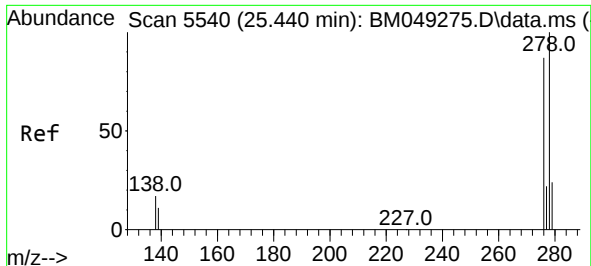
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.549 ng/ul
RT: 25.410 min Scan# 5531
Delta R.T. -0.007 min
Lab File: BM049287.D
Acq: 28 Dec 2024 11:33

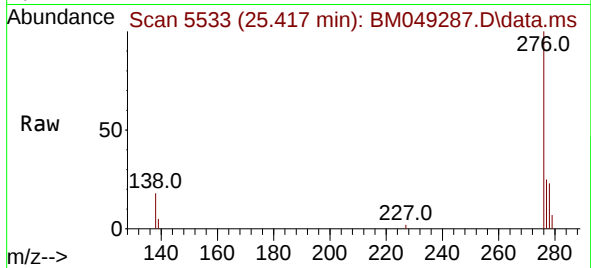
Tgt Ion:276 Resp: 65752
Ion Ratio Lower Upper
276 100
138 17.4 17.4 26.2#
227 0.0 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.169 ng/ul
RT: 25.417 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM049287.D
Acq: 28 Dec 2024 11:33

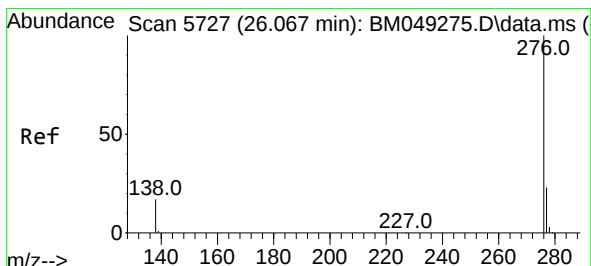
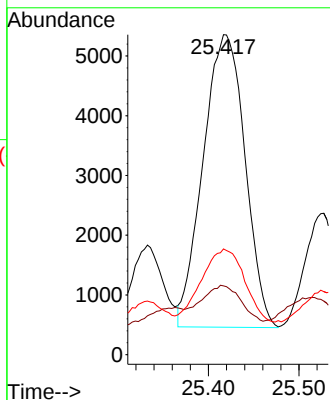
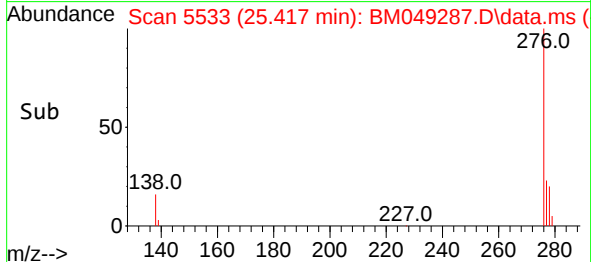
Instrument :
BNA_M
ClientSampleId :
E2925



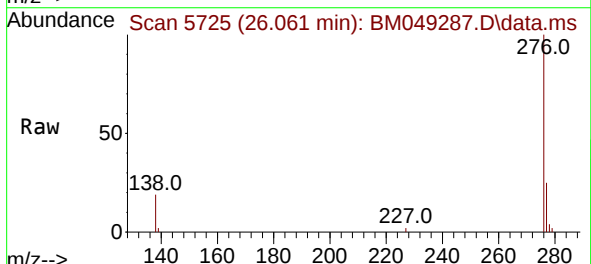
Tgt Ion: 278 Resp: 15724
Ion Ratio Lower Upper
278 100
139 21.5 13.5 20.3
279 33.1 21.5 32.3

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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: 0.694 ng/ul
RT: 26.061 min Scan# 5725
Delta R.T. -0.007 min
Lab File: BM049287.D
Acq: 28 Dec 2024 11:33



Tgt Ion: 276 Resp: 66863
Ion Ratio Lower Upper
276 100
138 18.7 16.7 25.1
277 24.7 19.9 29.9

