

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
 Data File : BM049236.D
 Acq On : 26 Dec 2024 21:44
 Operator : RC/JU
 Sample : P5333-15DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2917DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024
 Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 26 22:36:25 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	7.543	152	4780	0.400	ng/ul	0.00
4) Naphthalene-d8	10.310	136	14343	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.183	164	8915	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.930	188	20802	0.400	ng/ul	0.00
17) Chrysene-d12	21.134	240	18790	0.400	ng/ul	0.00
23) Perylene-d12	23.285	264	20542	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.138	96	3600	0.653	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.910	152	701	0.036	ng/ul	0.00
18) Fluoranthene-d10	18.965	212	1804	0.034	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.354	128	2343	0.065	ng/ul#	89
7) 2-Methylnaphthalene	11.987	142	2076	0.091	ng/ul	99
8) 1-Methylnaphthalene	12.207	142	956	0.041	ng/ul	99
10) Acenaphthylene	13.896	152	890	0.024	ng/ul#	74
11) Acenaphthene	14.243	153	581	0.022	ng/ul#	93
12) Fluorene	15.238	166	818	0.027	ng/ul#	91
15) Phenanthrene	16.972	178	23459	0.432	ng/ul	99
16) Anthracene	17.061	178	4660	0.093	ng/ul#	94
19) Fluoranthene	18.997	202	55742	0.820	ng/ul	100
20) Pyrene	19.360	202	54152	0.747	ng/ul	99
21) Benzo(a)anthracene	21.119	228	27656	0.423	ng/ul	97
22) Chrysene	21.169	228	31808	0.453	ng/ul	96
24) Benzo(b)fluoranthene	22.648	252	44862m	0.684	ng/ul	
25) Benzo(k)fluoranthene	22.686	252	16026m	0.223	ng/ul	
26) Benzo(a)pyrene	23.191	252	30777m	0.489	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.416	276	24046	0.270	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.423	278	5848	0.085	ng/ul#	84
29) Benzo(g,h,i)perylene	26.067	276	27183	0.379	ng/ul	98

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

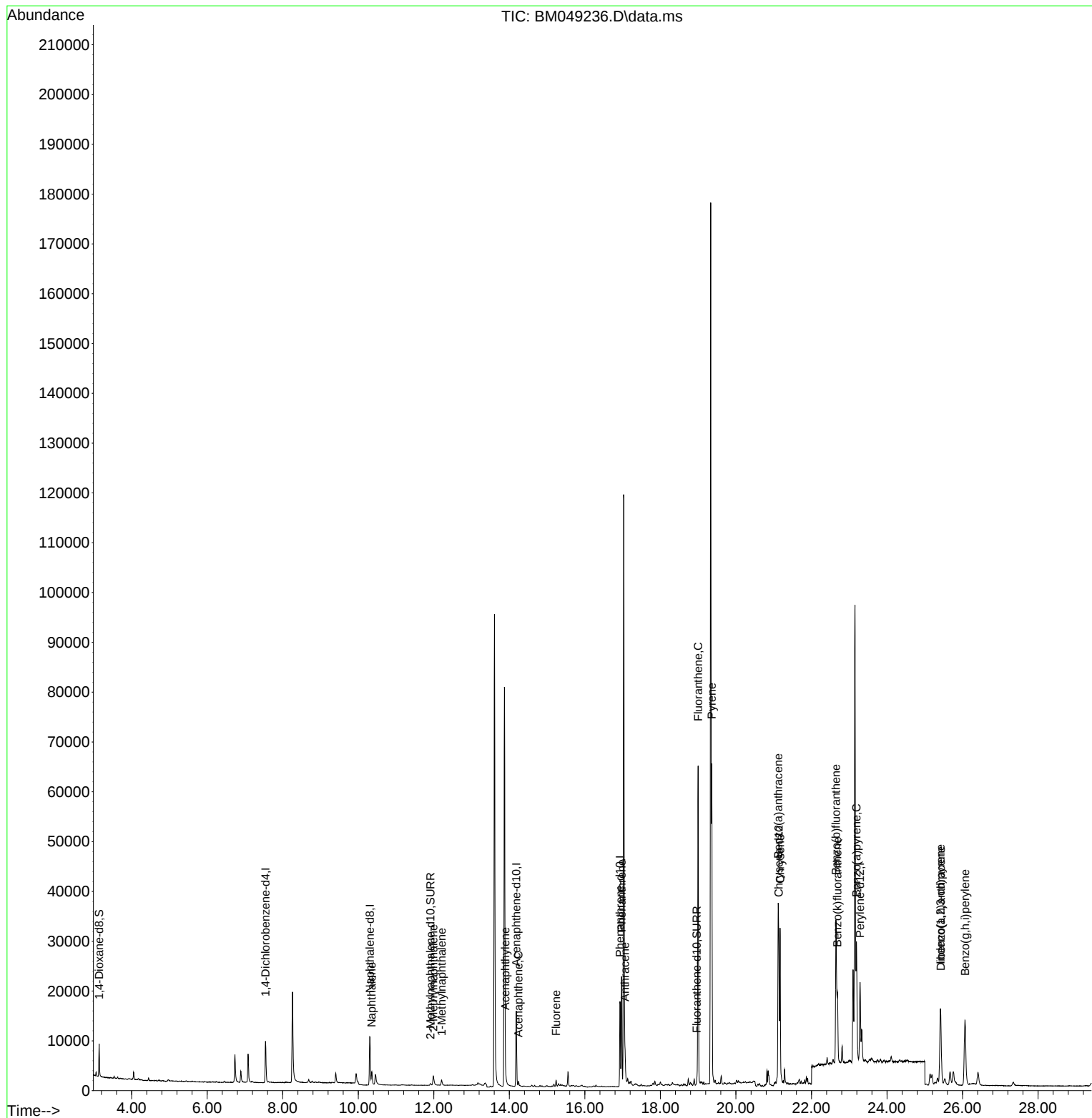
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
Data File : BM049236.D
Acq On : 26 Dec 2024 21:44
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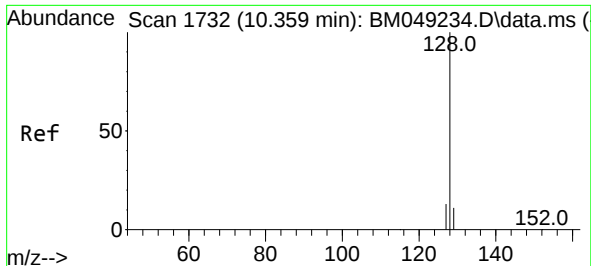
Instrument :
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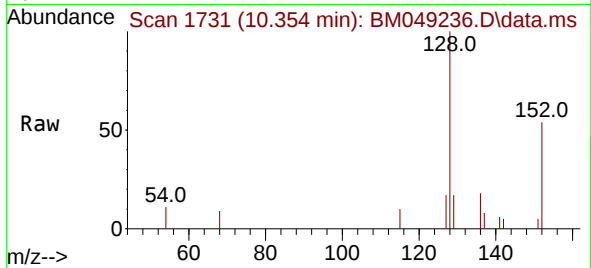
Quant Time: Dec 26 22:36:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.065 ng/ul
RT: 10.354 min Scan# 1731
Delta R.T. -0.004 min
Lab File: BM049236.D
Acq: 26 Dec 2024 21:44

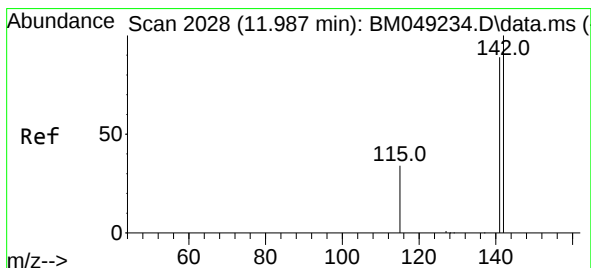
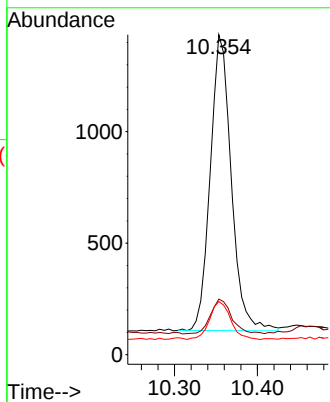
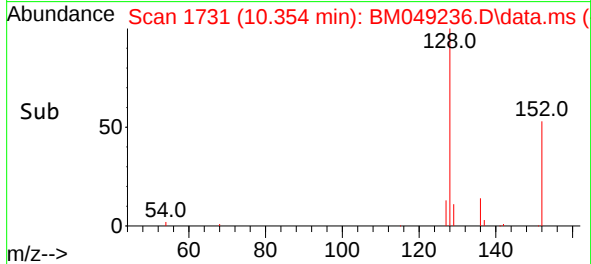
Instrument :
BNA_M
ClientSampleId :
E2917DL



Tgt Ion:128 Resp: 234
Ion Ratio Lower Upper
128 100
129 17.4 9.7 14.5
127 16.6 10.6 16.0

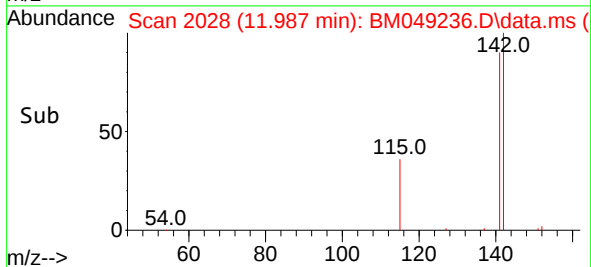
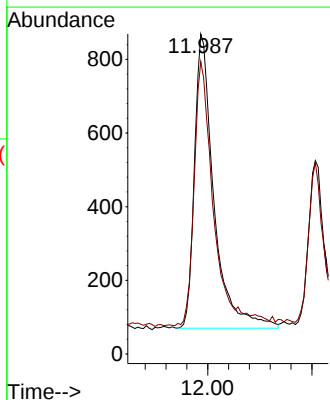
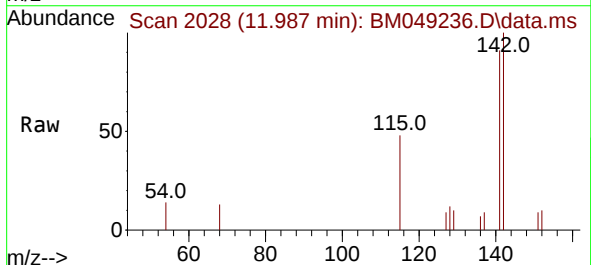
Manual Integrations
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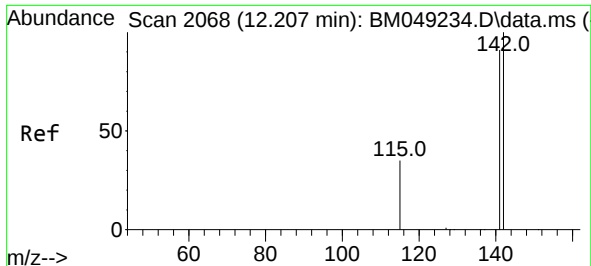
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#7
2-Methylnaphthalene
Concen: 0.091 ng/ul
RT: 11.987 min Scan# 2028
Delta R.T. 0.007 min
Lab File: BM049236.D
Acq: 26 Dec 2024 21:44

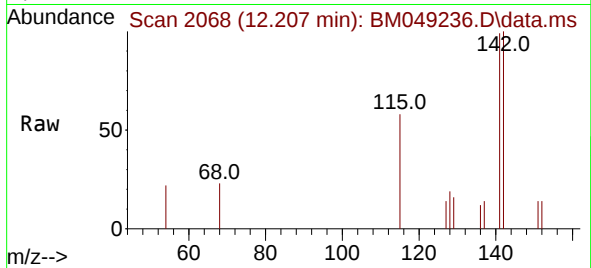
Tgt Ion:142 Resp: 2076
Ion Ratio Lower Upper
142 100
141 90.8 71.7 107.5





#8
1-Methylnaphthalene
Concen: 0.041 ng/u1
RT: 12.207 min Scan# 2068
Delta R.T. 0.001 min
Lab File: BM049236.D
Acq: 26 Dec 2024 21:44

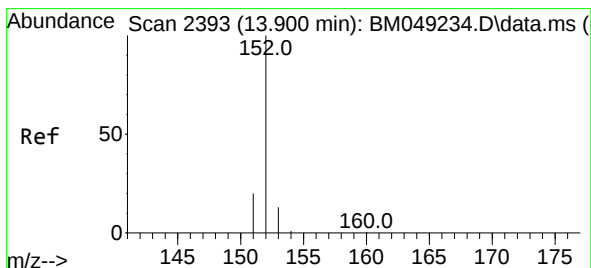
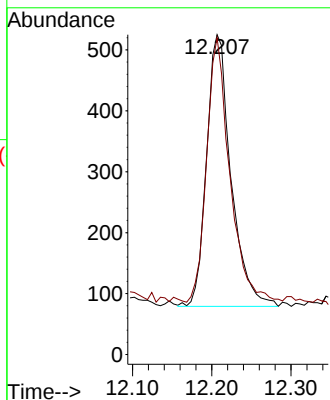
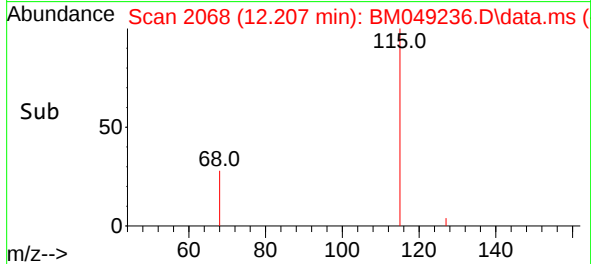
Instrument :
BNA_M
ClientSampleId :
E2917DL



Tgt Ion:142 Resp: 950
Ion Ratio Lower Upper
142 100
141 91.9 72.7 109.1

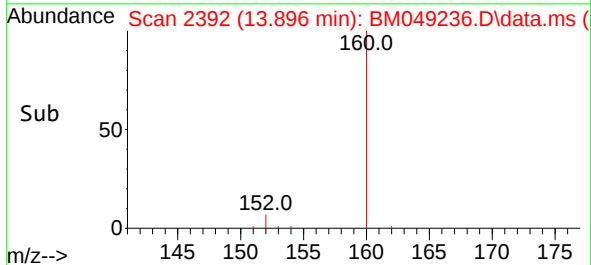
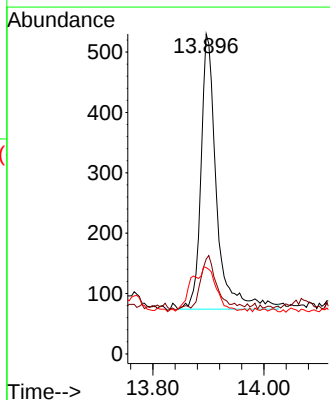
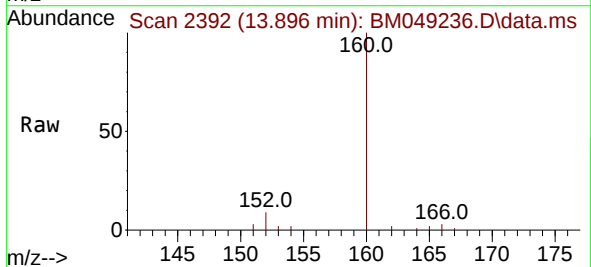
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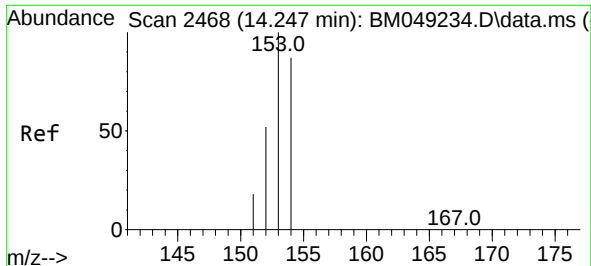
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#10
Acenaphthylene
Concen: 0.024 ng/u1
RT: 13.896 min Scan# 2392
Delta R.T. -0.003 min
Lab File: BM049236.D
Acq: 26 Dec 2024 21:44

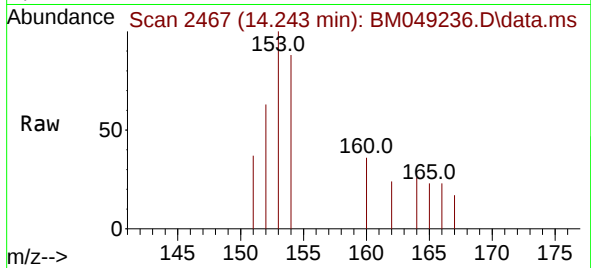
Tgt Ion:152 Resp: 890
Ion Ratio Lower Upper
152 100
151 29.6 16.0 24.0#
153 27.0 11.0 16.6#





#11
Acenaphthene
Concen: 0.022 ng/u1
RT: 14.243 min Scan# 2467
Delta R.T. -0.003 min
Lab File: BM049236.D
Acq: 26 Dec 2024 21:44

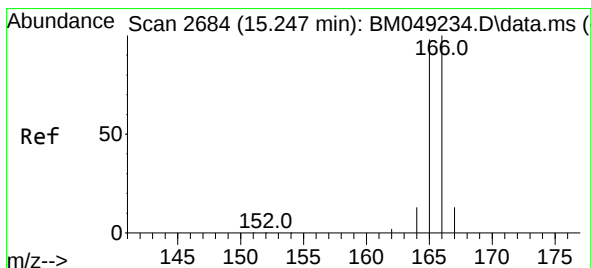
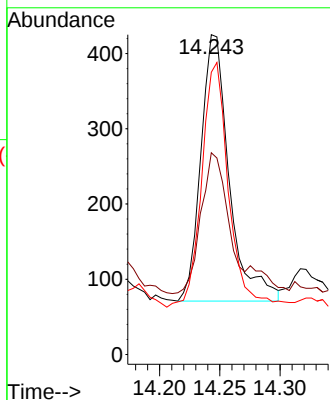
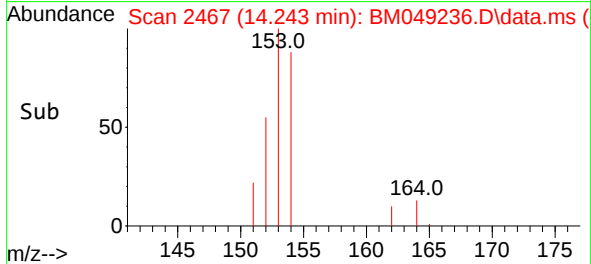
Instrument :
BNA_M
ClientSampleId :
E2917DL



Tgt Ion:153 Resp: 58
Ion Ratio Lower Upper
153 100
152 63.1 40.7 61.1
154 88.2 70.8 106.2

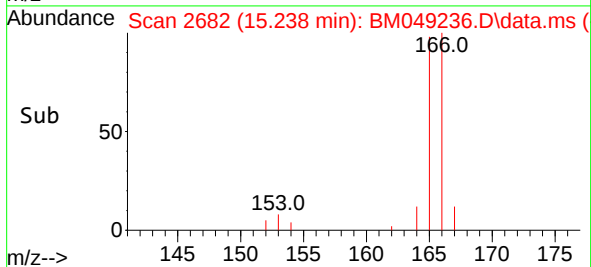
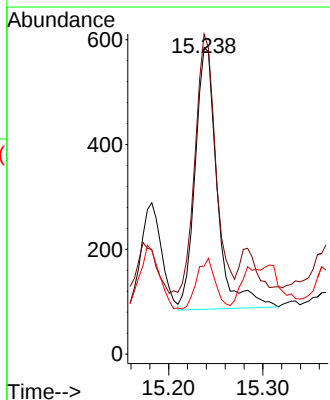
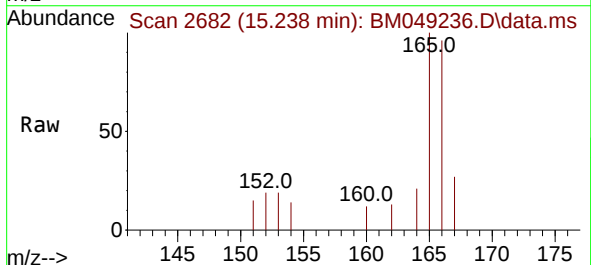
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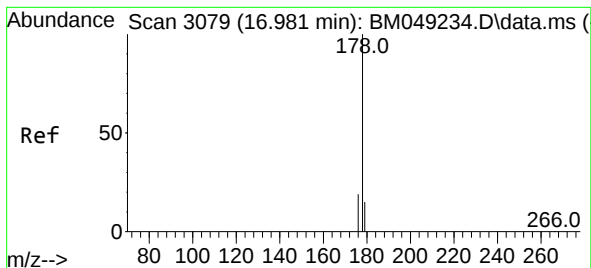
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#12
Fluorene
Concen: 0.027 ng/u1
RT: 15.238 min Scan# 2682
Delta R.T. -0.003 min
Lab File: BM049236.D
Acq: 26 Dec 2024 21:44

Tgt Ion:166 Resp: 818
Ion Ratio Lower Upper
166 100
165 104.4 79.7 119.5
167 28.7 11.4 17.0#





#15

Phenanthrene

Concen: 0.432 ng/u1

RT: 16.972 min Scan# 3077

Delta R.T. -0.003 min

Lab File: BM049236.D

Acq: 26 Dec 2024 21:44

Instrument :

BNA_M

ClientSampleId :

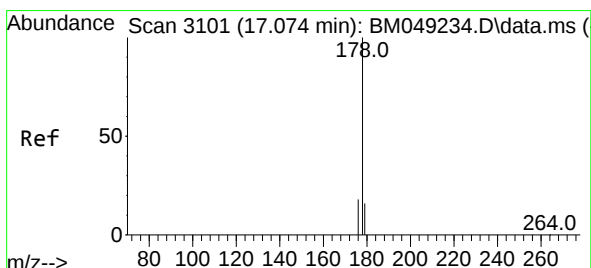
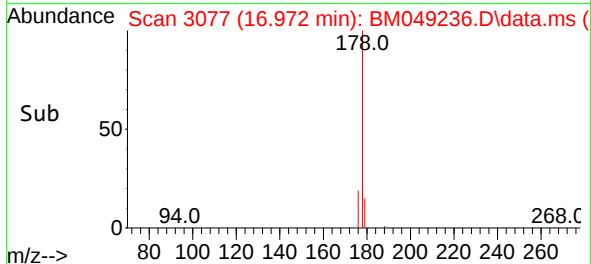
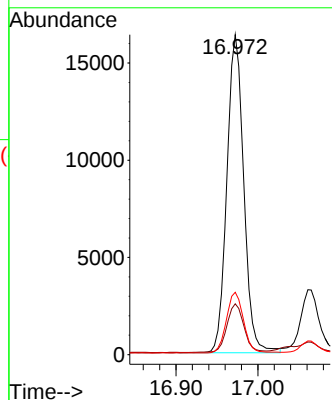
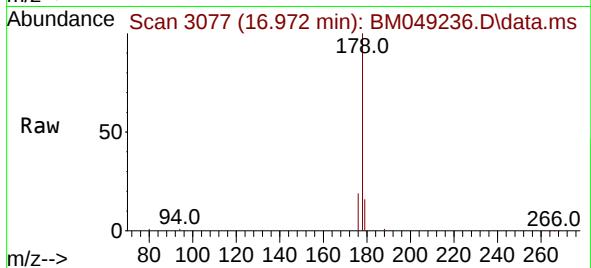
E2917DL

Tgt Ion:	178	Resp:	2345
Ion Ratio	Lower	Upper	
178	100		
179	15.9	13.0	19.4
176	19.5	16.2	24.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#16

Anthracene

Concen: 0.093 ng/u1

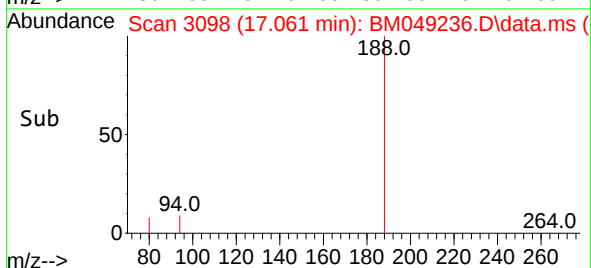
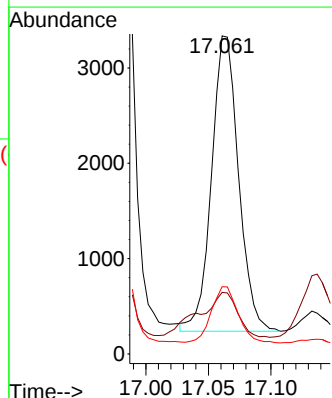
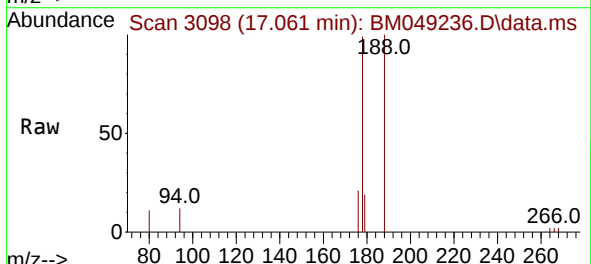
RT: 17.061 min Scan# 3098

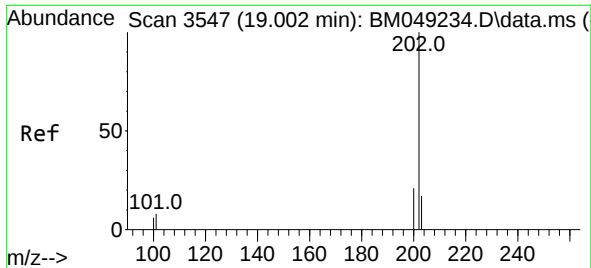
Delta R.T. -0.007 min

Lab File: BM049236.D

Acq: 26 Dec 2024 21:44

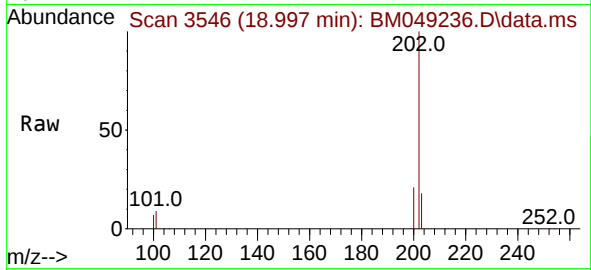
Tgt Ion:	178	Resp:	4660
Ion Ratio	Lower	Upper	
178	100		
179	19.4	12.9	19.3#
176	21.1	15.3	22.9





#19
Fluoranthene
Concen: 0.820 ng/ul
RT: 18.997 min Scan# 3547
Delta R.T. -0.003 min
Lab File: BM049236.D
Acq: 26 Dec 2024 21:44

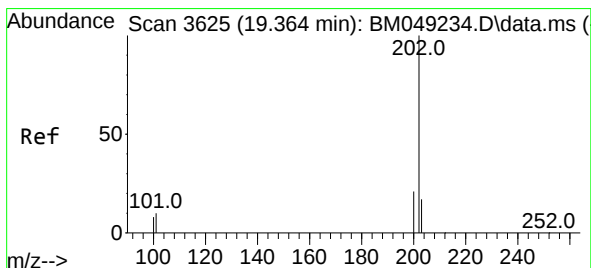
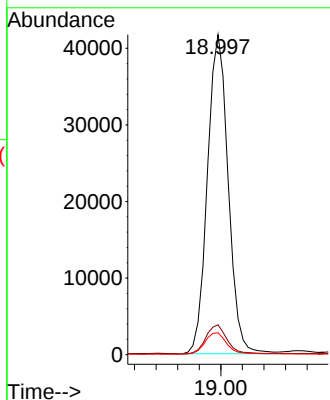
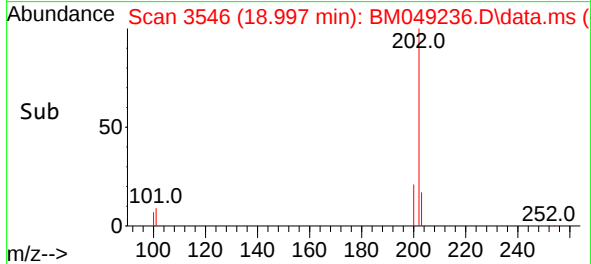
Instrument :
BNA_M
ClientSampleId :
E2917DL



Tgt Ion:202 Resp: 5574
Ion Ratio Lower Upper
202 100
101 9.3 7.6 11.4
100 6.8 5.5 8.3

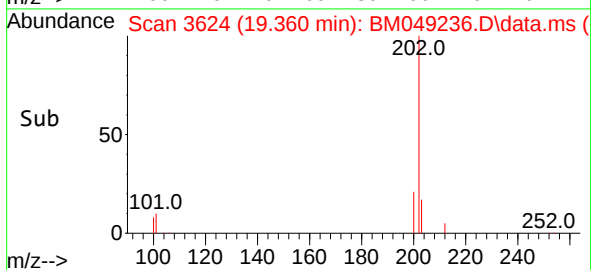
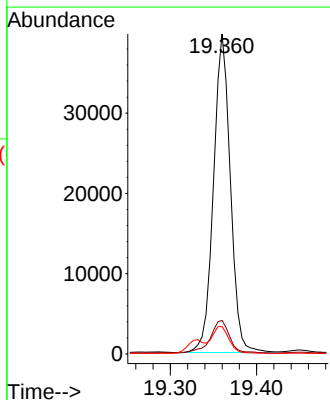
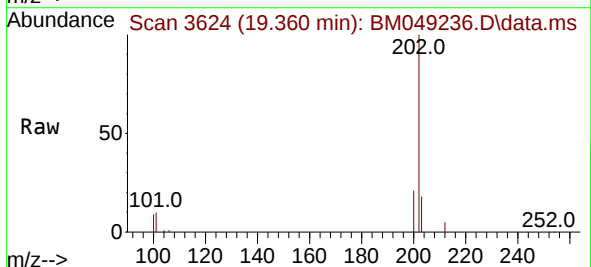
Manual Integrations
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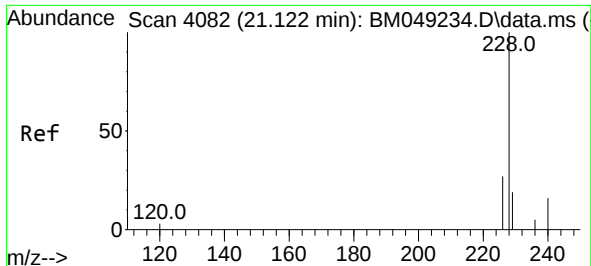
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#20
Pyrene
Concen: 0.747 ng/ul
RT: 19.360 min Scan# 3624
Delta R.T. -0.003 min
Lab File: BM049236.D
Acq: 26 Dec 2024 21:44

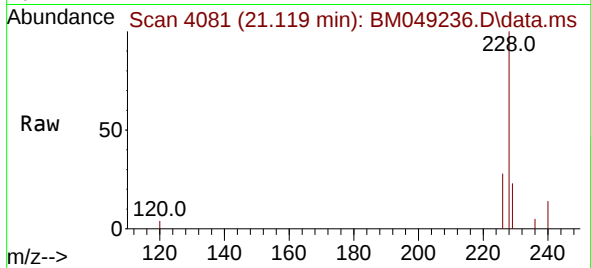
Tgt Ion:202 Resp: 54152
Ion Ratio Lower Upper
202 100
101 10.5 8.9 13.3
100 8.6 6.9 10.3





#21
Benzo(a)anthracene
Concen: 0.423 ng/ul
RT: 21.119 min Scan# 4081
Delta R.T. -0.000 min
Lab File: BM049236.D
Acq: 26 Dec 2024 21:44

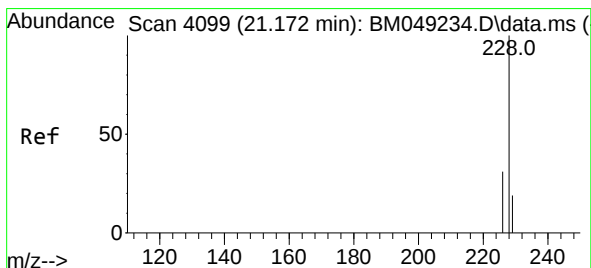
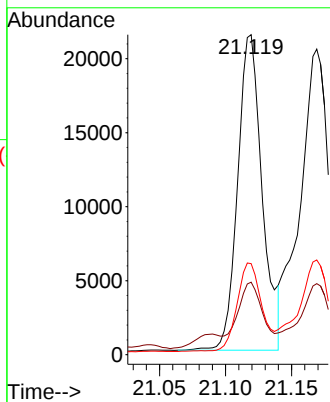
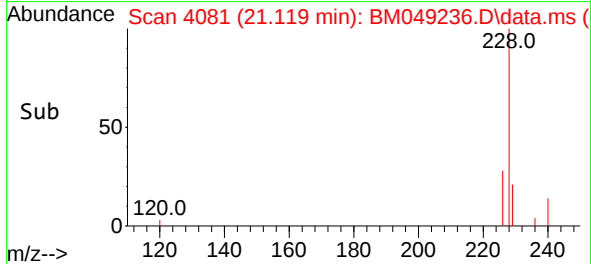
Instrument :
BNA_M
ClientSampleId :
E2917DL



Tgt Ion:228 Resp: 27650
Ion Ratio Lower Upper
228 100
229 22.7 15.9 23.9
226 28.4 22.6 34.0

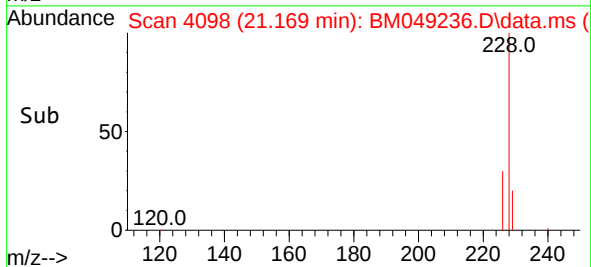
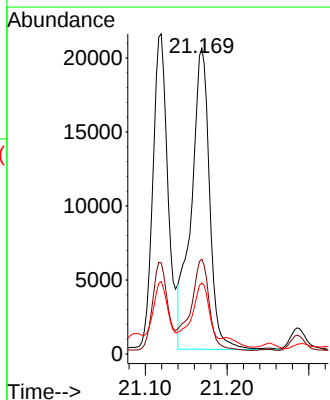
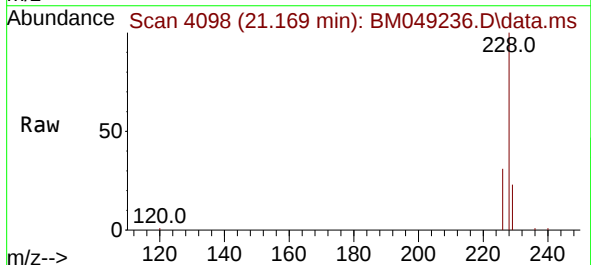
Manual Integrations
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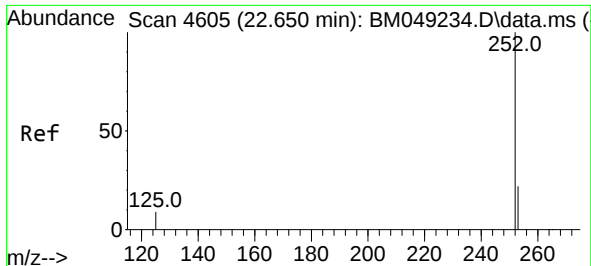
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#22
Chrysene
Concen: 0.453 ng/ul
RT: 21.169 min Scan# 4098
Delta R.T. -0.003 min
Lab File: BM049236.D
Acq: 26 Dec 2024 21:44

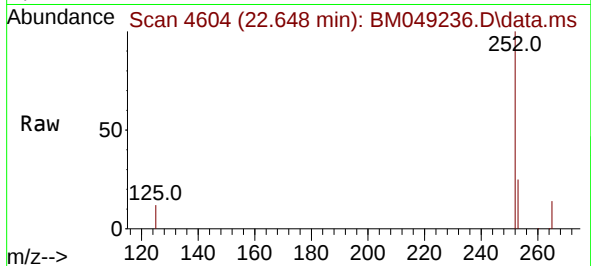
Tgt Ion:228 Resp: 31808
Ion Ratio Lower Upper
228 100
226 31.0 24.1 36.1
229 23.2 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.684 ng/ul m
RT: 22.648 min Scan# 4604
Delta R.T. -0.000 min
Lab File: BM049236.D
Acq: 26 Dec 2024 21:44

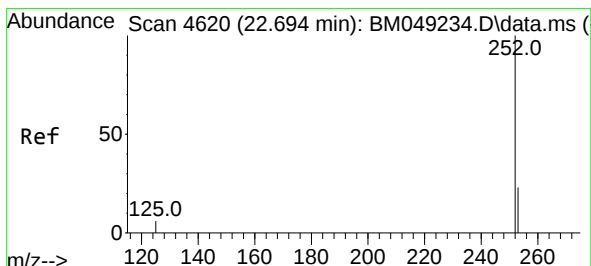
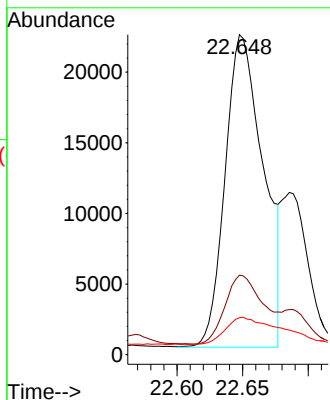
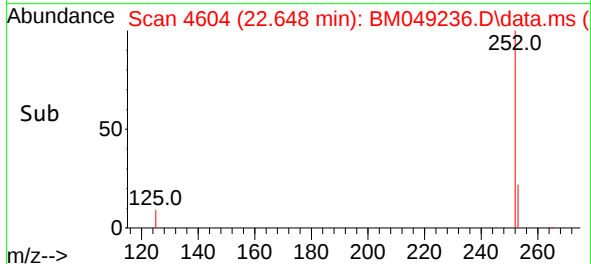
Instrument :
BNA_M
ClientSampleId :
E2917DL



Tgt Ion:252 Resp: 44862
Ion Ratio Lower Upper
252 100
253 24.9 0.0 52.6
125 11.6 0.0 30.8

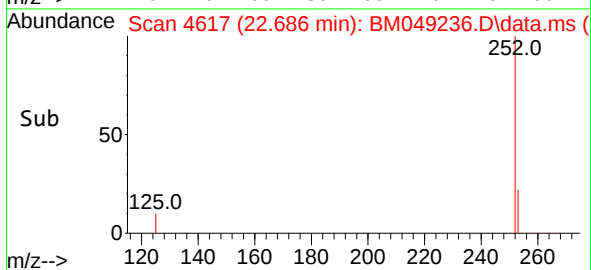
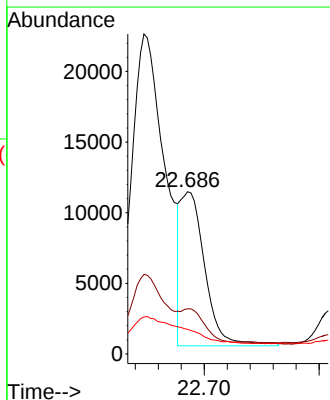
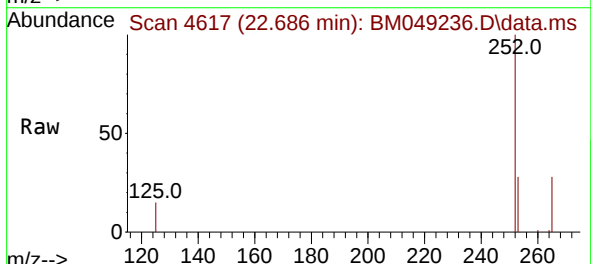
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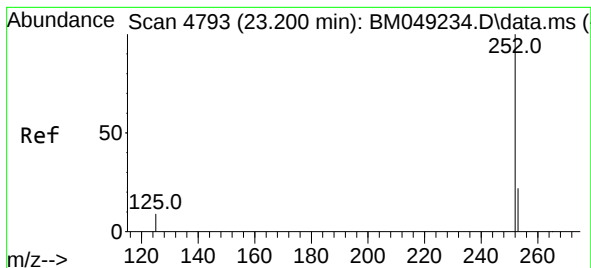
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#25
Benzo(k)fluoranthene
Concen: 0.223 ng/ul m
RT: 22.686 min Scan# 4617
Delta R.T. -0.006 min
Lab File: BM049236.D
Acq: 26 Dec 2024 21:44

Tgt Ion:252 Resp: 16026
Ion Ratio Lower Upper
252 100
253 27.8 21.3 31.9
125 15.2 12.6 18.8





#26

Benzo(a)pyrene

Concen: 0.489 ng/ul m

RT: 23.191 min Scan# 4

Delta R.T. -0.000 min

Lab File: BM049236.D

Acq: 26 Dec 2024 21:44

Instrument :

BNM

ClientSampleId :

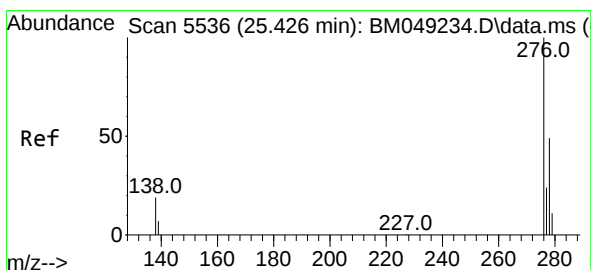
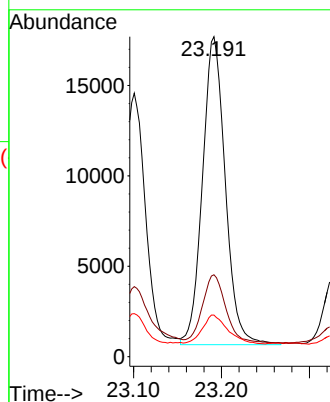
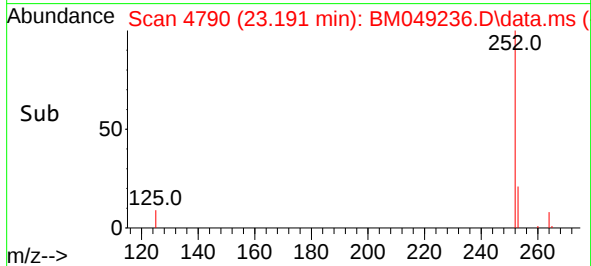
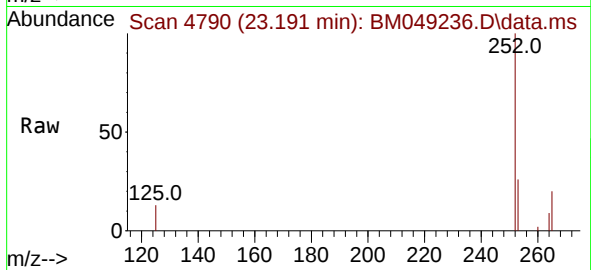
E2917DL

Tgt Ion:	252	Resp:	3077
Ion Ratio	Lower	Upper	
252	100		
253	25.6	22.4	33.6
125	13.0	14.8	22.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.270 ng/ul

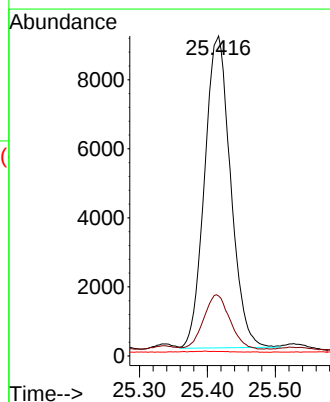
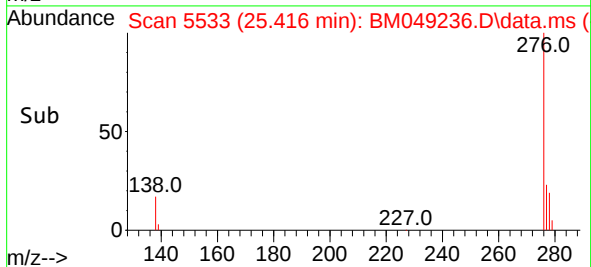
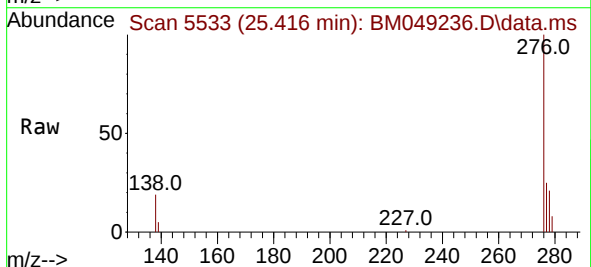
RT: 25.416 min Scan# 5533

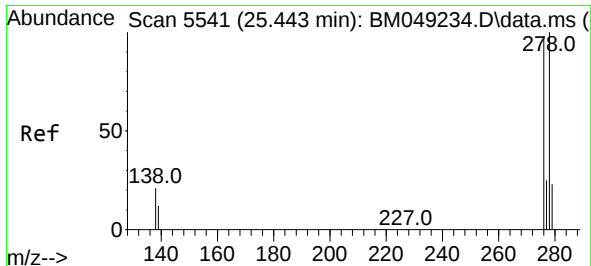
Delta R.T. -0.000 min

Lab File: BM049236.D

Acq: 26 Dec 2024 21:44

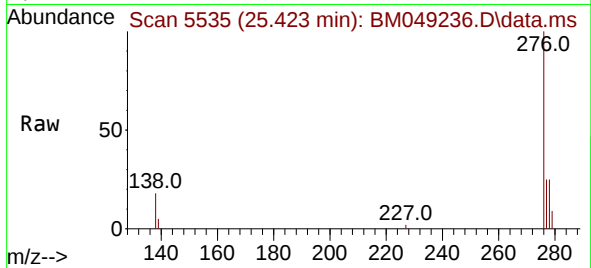
Tgt Ion:	276	Resp:	24046
Ion Ratio	Lower	Upper	
276	100		
138	18.1	17.4	26.2
227	0.0	0.2	0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.085 ng/ul
RT: 25.423 min Scan# 51
Delta R.T. -0.014 min
Lab File: BM049236.D
Acq: 26 Dec 2024 21:44

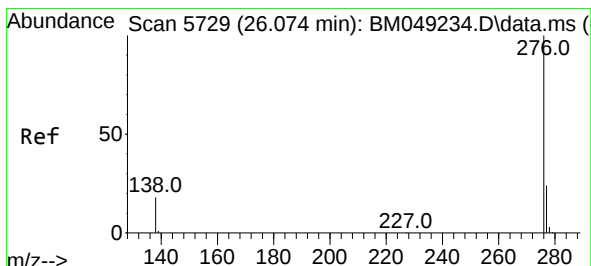
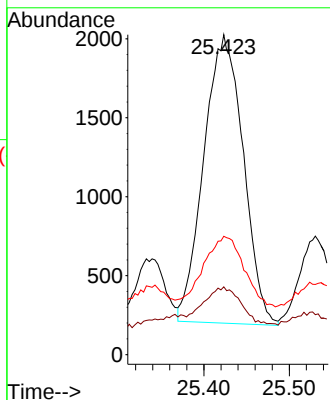
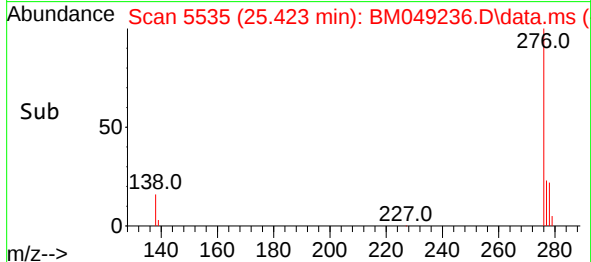
Instrument :
BNA_M
ClientSampleId :
E2917DL



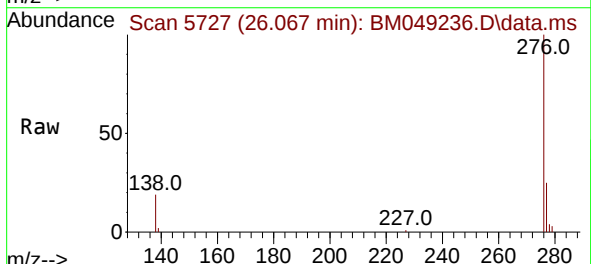
Tgt Ion:278 Resp: 584
Ion Ratio Lower Upper
278 100
139 21.2 13.5 20.3
279 37.0 21.5 32.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#29
Benzo(g,h,i)perylene
Concen: 0.379 ng/ul
RT: 26.067 min Scan# 5727
Delta R.T. -0.000 min
Lab File: BM049236.D
Acq: 26 Dec 2024 21:44



Tgt Ion:276 Resp: 27183
Ion Ratio Lower Upper
276 100
138 18.7 16.7 25.1
277 24.9 19.9 29.9

