

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
 Data File : BM049644.D
 Acq On : 13 Feb 2025 11:46
 Operator : RC/JU
 Sample : Q1229-11
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E29B5

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 02/19/2025
 Supervised By :Jagrut Upadhyay 02/19/2025

Quant Time: Feb 17 12:30:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 12 16:40:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	7888	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	31348m	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.450	164	22052	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.186	188	41651m	0.400	ng/ul	0.00
17) Chrysene-d12	21.368	240	34871m	0.400	ng/ul	0.00
23) Perylene-d12	23.654	264	29543m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	37600	4.237	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	7814m	0.181	ng/ul	0.00
18) Fluoranthene-d10	19.215	212	21380m	0.201	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.655	128	25211	0.325	ng/ul	99
7) 2-Methylnaphthalene	12.272	142	8091	0.160	ng/ul	97
8) 1-Methylnaphthalene	12.492	142	14721	0.287	ng/ul	96
11) Acenaphthene	14.515	153	17856	0.262	ng/ul#	74
12) Fluorene	15.495	166	16494	0.212	ng/ul#	80
14) Pentachlorophenol	16.840	266	16550m	1.939	ng/ul	
15) Phenanthrene	17.229	178	36294m	0.326	ng/ul	
16) Anthracene	17.322	178	12089m	0.119	ng/ul	
19) Fluoranthene	19.243	202	24190m	0.168	ng/ul	
20) Pyrene	19.605	202	23445m	0.158	ng/ul	
21) Benzo(a)anthracene	21.351	228	6154m	0.052	ng/ul	
22) Chrysene	21.403	228	8094m	0.064	ng/ul	
24) Benzo(b)fluoranthene	22.964	252	6862m	0.070	ng/ul	
25) Benzo(k)fluoranthene	23.008	252	2348m	0.021	ng/ul	
26) Benzo(a)pyrene	23.554	252	3425m	0.039	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.980	276	3035m	0.024	ng/ul	
29) Benzo(g,h,i)perylene	26.688	276	3878m	0.038	ng/ul	

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

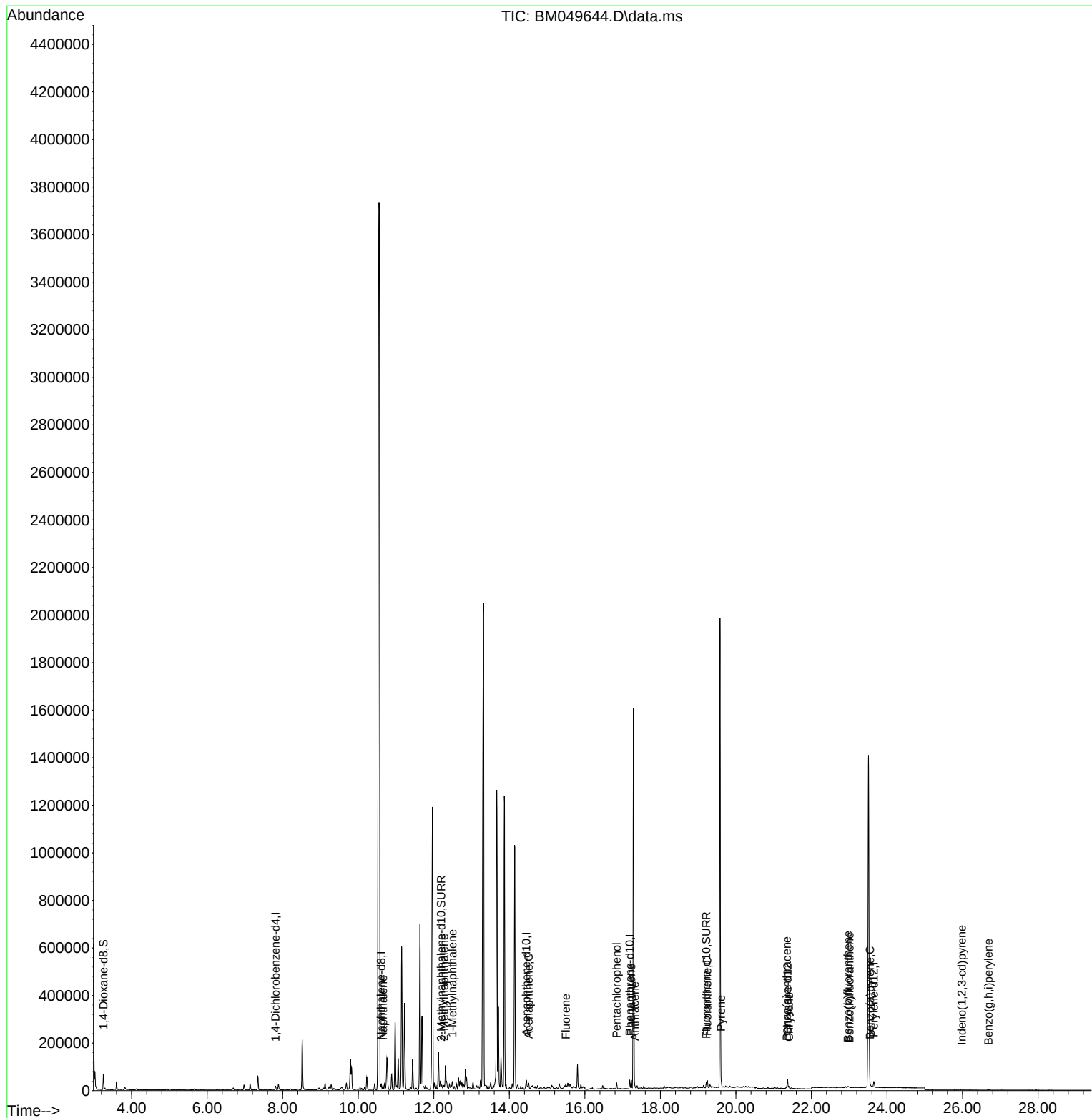
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

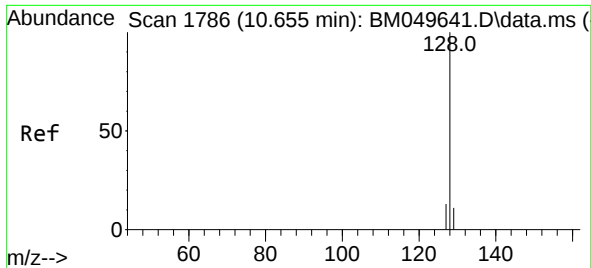
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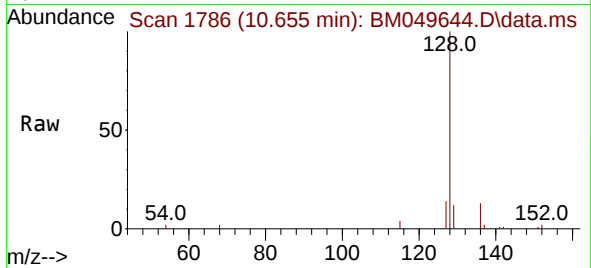
Quant Time: Feb 17 12:30:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.325 ng/ul
RT: 10.655 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BM049644.D
Acq: 13 Feb 2025 11:46

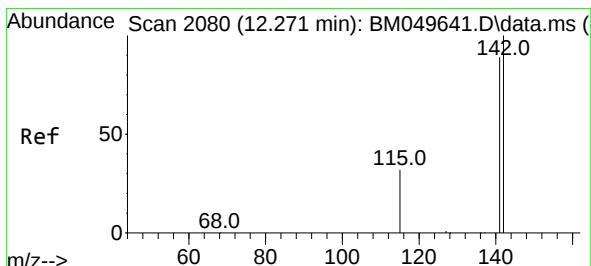
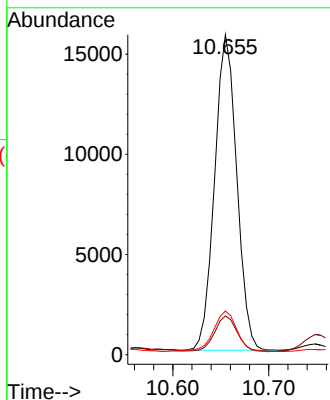
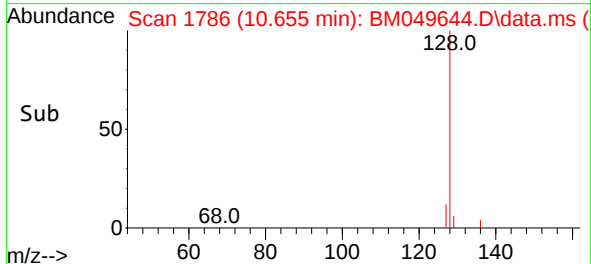
Instrument :
BNA_M
ClientSampleId :
E29B5



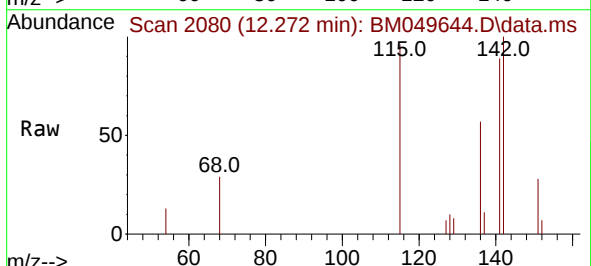
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Ion Ratio Lower Upper
128 100
129 12.1 9.4 14.0
127 13.6 10.8 16.2

Manual Integrations
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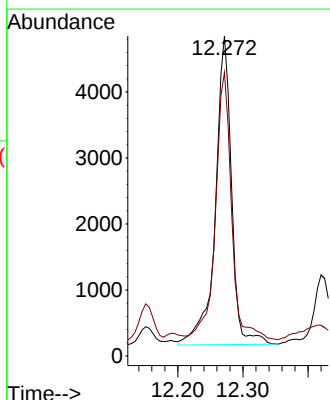
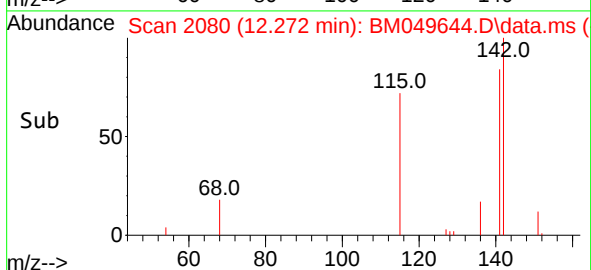
Reviewed By :Rahul Chavli 02/19/2025
Supervised By :Jagrut Upadhyay 02/19/2025

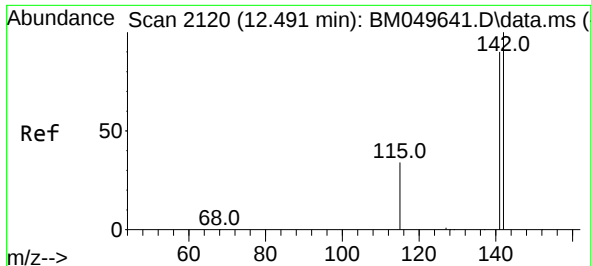


#7
2-Methylnaphthalene
Concen: 0.160 ng/ul
RT: 12.272 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BM049644.D
Acq: 13 Feb 2025 11:46



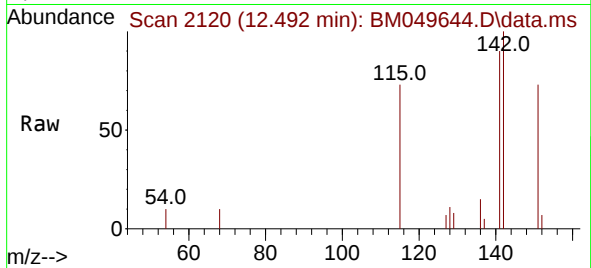
Tgt Ion:142 Resp: 8091
Ion Ratio Lower Upper
142 100
141 86.0 71.0 106.6





#8
1-Methylnaphthalene
Concen: 0.287 ng/ul
RT: 12.492 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BM049644.D
Acq: 13 Feb 2025 11:46

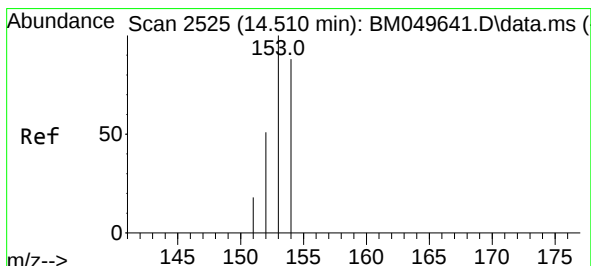
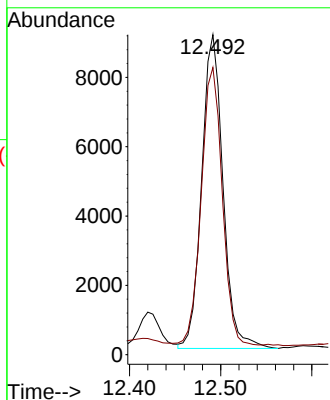
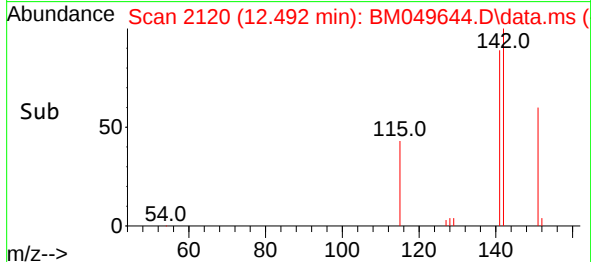
Instrument :
BNA_M
ClientSampleId :
E29B5



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Ion Ratio Lower Upper
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141 88.0 73.1 109.7

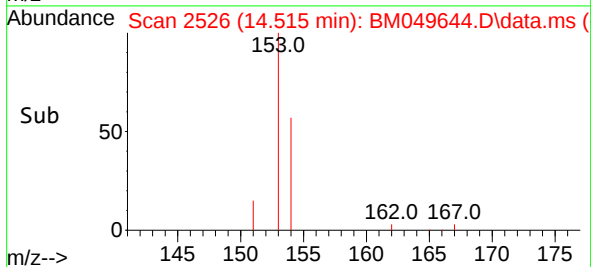
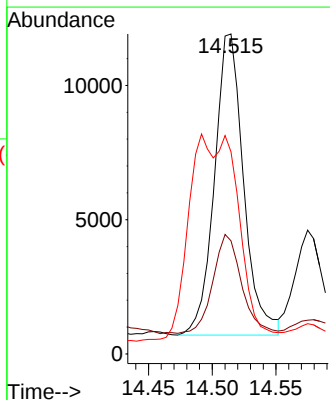
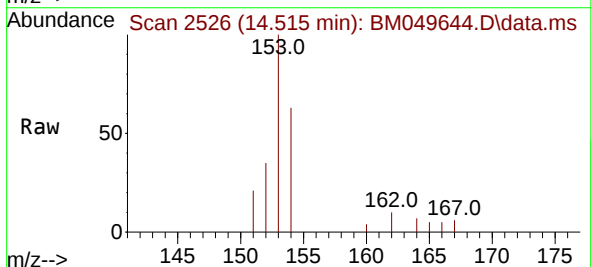
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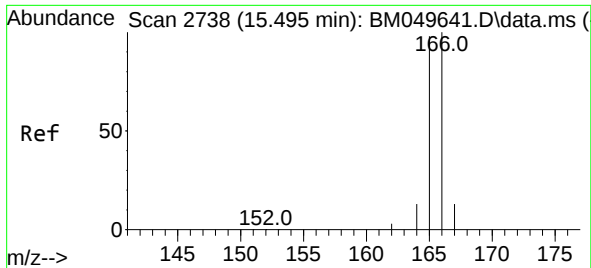
Reviewed By :Rahul Chavli 02/19/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#11
Acenaphthene
Concen: 0.262 ng/ul
RT: 14.515 min Scan# 2526
Delta R.T. -0.000 min
Lab File: BM049644.D
Acq: 13 Feb 2025 11:46

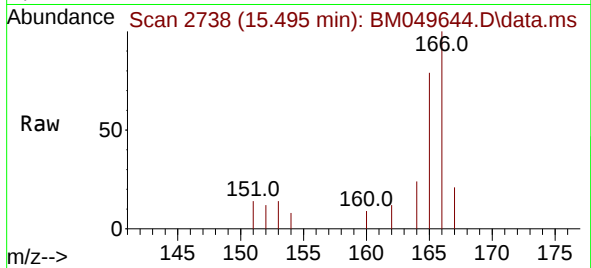
Tgt Ion:153 Resp: 17856
Ion Ratio Lower Upper
153 100
152 35.4 41.9 62.9#
154 63.1 70.2 105.2#





#12
Fluorene
Concen: 0.212 ng/ul
RT: 15.495 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM049644.D
Acq: 13 Feb 2025 11:46

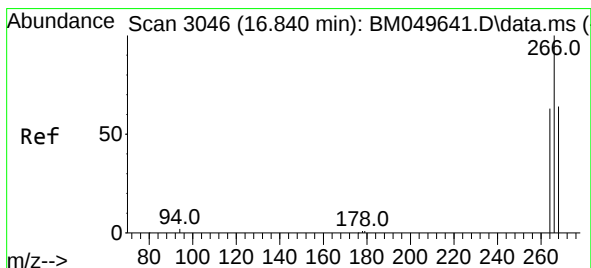
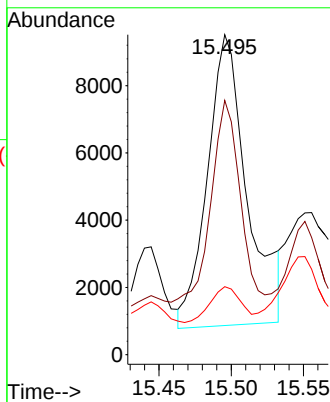
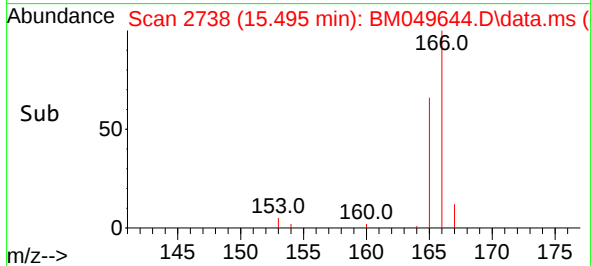
Instrument :
BNA_M
ClientSampleId :
E29B5



Tgt Ion:166 Resp: 16494
Ion Ratio Lower Upper
166 100
165 79.5 79.6 119.4#
167 21.3 11.4 17.2#

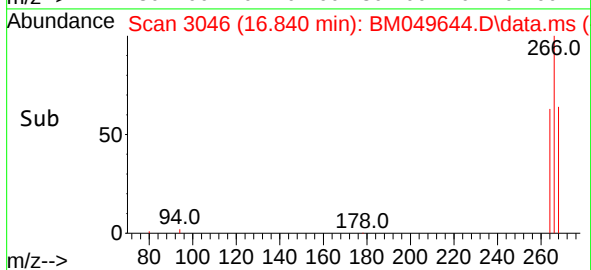
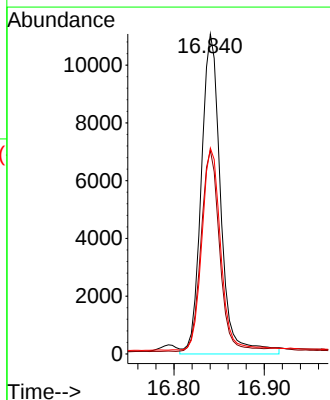
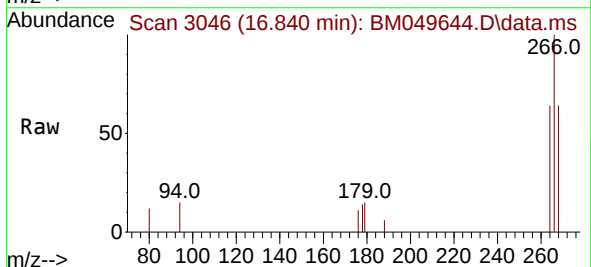
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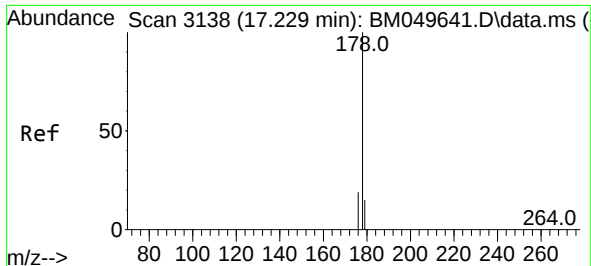
Reviewed By :Rahul Chavli 02/19/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#14
Pentachlorophenol
Concen: 1.939 ng/ul m
RT: 16.840 min Scan# 3046
Delta R.T. -0.000 min
Lab File: BM049644.D
Acq: 13 Feb 2025 11:46

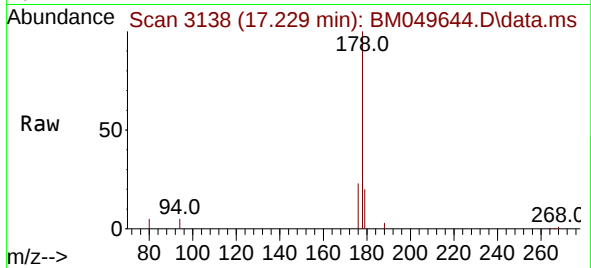
Tgt Ion:266 Resp: 16550
Ion Ratio Lower Upper
266 100
264 0.0 50.3 75.5#
268 0.0 49.2 73.8#





#15
Phenanthrene
Concen: 0.326 ng/ul m
RT: 17.229 min Scan# 3138
Delta R.T. -0.004 min
Lab File: BM049644.D
Acq: 13 Feb 2025 11:46

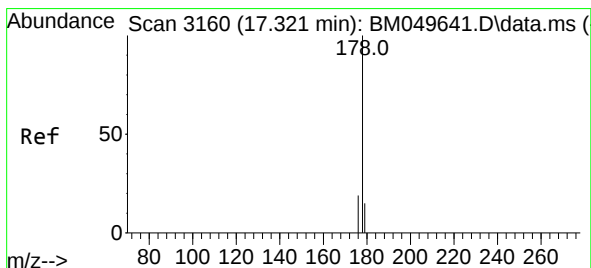
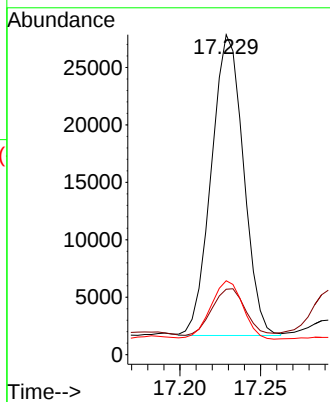
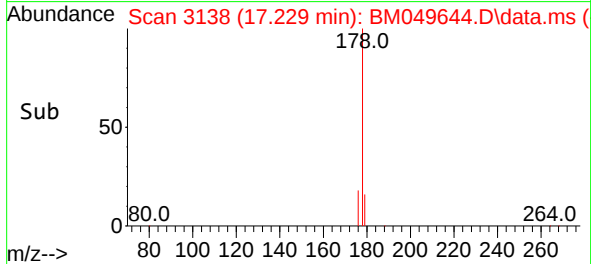
Instrument :
BNA_M
ClientSampleId :
E29B5



Tgt Ion:178 Resp: 36294
Ion Ratio Lower Upper
178 100
179 20.5 12.6 19.0#
176 23.1 16.2 24.2

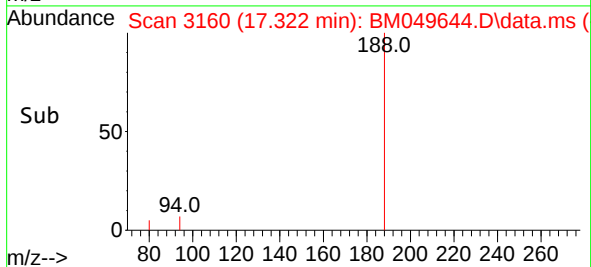
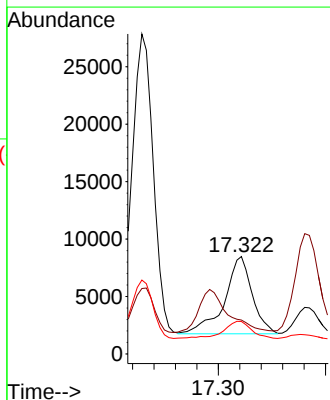
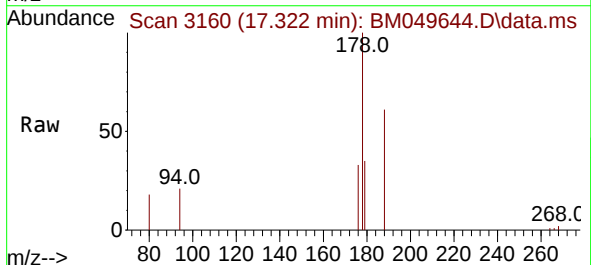
Manual Integrations
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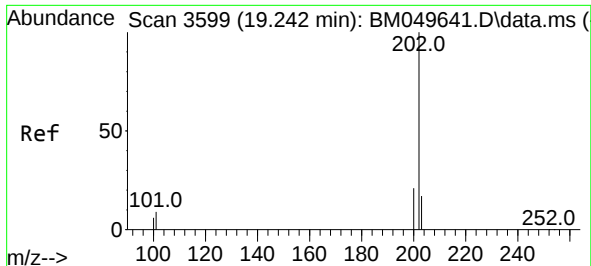
Reviewed By :Rahul Chavli 02/19/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#16
Anthracene
Concen: 0.119 ng/ul m
RT: 17.322 min Scan# 3160
Delta R.T. -0.000 min
Lab File: BM049644.D
Acq: 13 Feb 2025 11:46

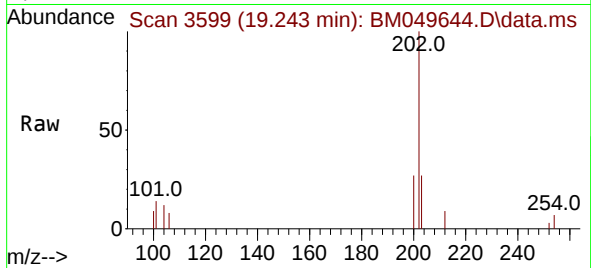
Tgt Ion:178 Resp: 12089
Ion Ratio Lower Upper
178 100
179 34.7 12.9 19.3#
176 33.4 15.8 23.6#





#19
Fluoranthene
Concen: 0.168 ng/ul m
RT: 19.243 min Scan# 3599
Delta R.T. -0.005 min
Lab File: BM049644.D
Acq: 13 Feb 2025 11:46

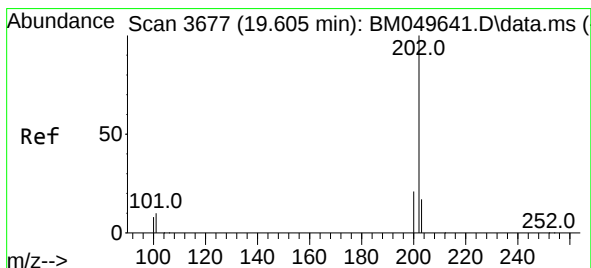
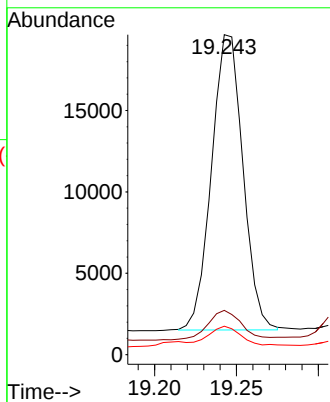
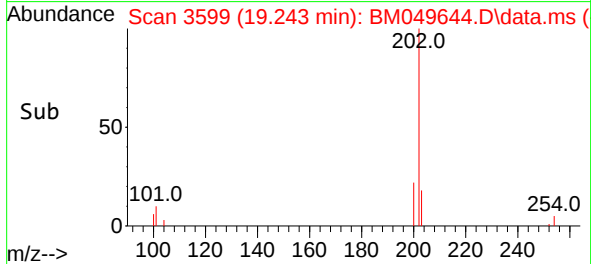
Instrument :
BNA_M
ClientSampleId :
E29B5



Tgt Ion:202 Resp: 24190
Ion Ratio Lower Upper
202 100
101 13.9 6.7 10.1#
100 8.9 5.0 7.4#

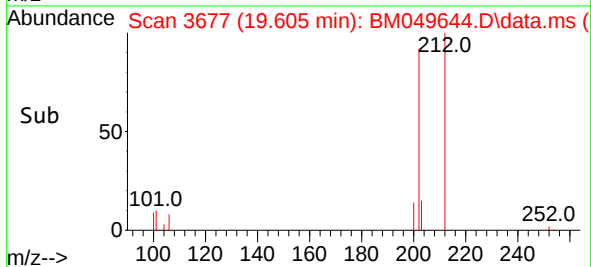
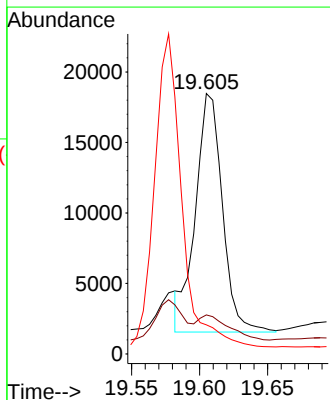
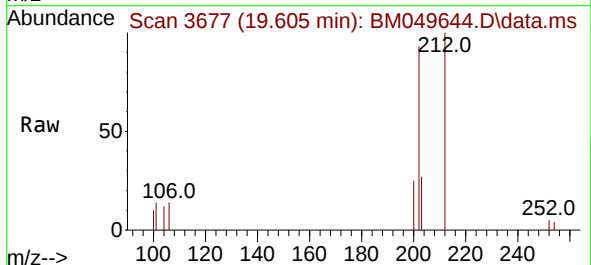
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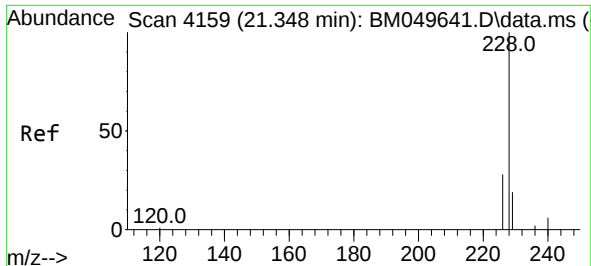
Reviewed By :Rahul Chavli 02/19/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#20
Pyrene
Concen: 0.158 ng/ul m
RT: 19.605 min Scan# 3677
Delta R.T. -0.005 min
Lab File: BM049644.D
Acq: 13 Feb 2025 11:46

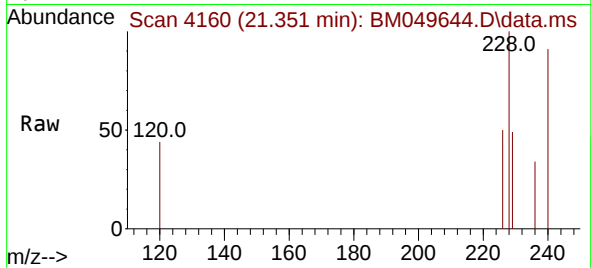
Tgt Ion:202 Resp: 23445
Ion Ratio Lower Upper
202 100
101 15.0 7.5 11.3#
100 11.2 6.3 9.5#





#21
Benzo(a)anthracene
Concen: 0.052 ng/ul m
RT: 21.351 min Scan# 4159
Delta R.T. -0.000 min
Lab File: BM049644.D
Acq: 13 Feb 2025 11:46

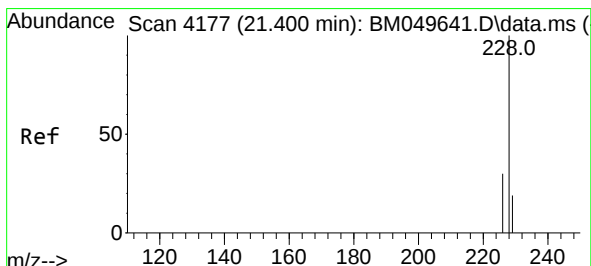
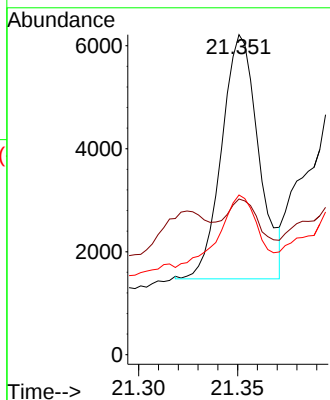
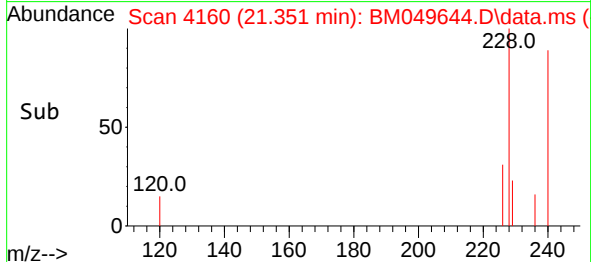
Instrument :
BNA_M
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E29B5



Tgt Ion:228 Resp: 6154
Ion Ratio Lower Upper
228 100
229 48.6 15.7 23.5#
226 49.9 22.2 33.4#

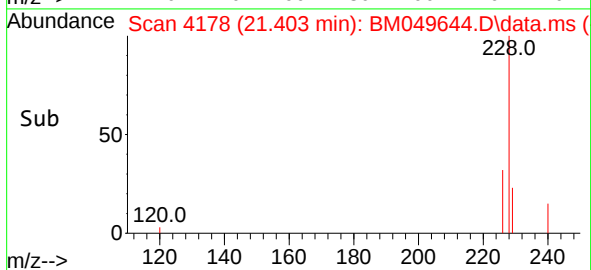
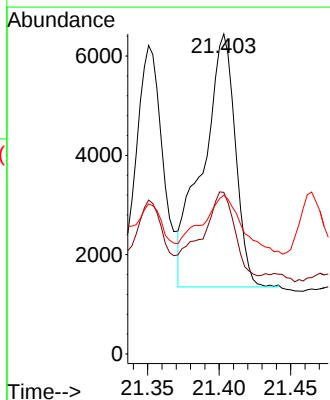
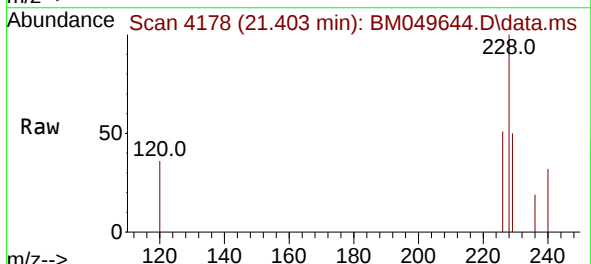
Manual Integrations
APPROVED

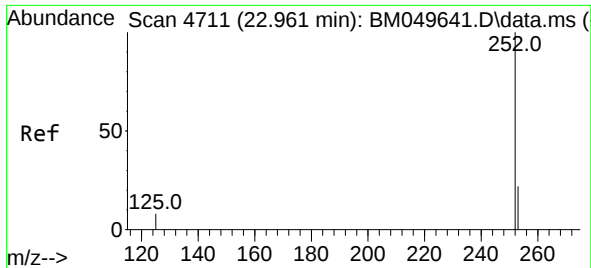
Reviewed By :Rahul Chavli 02/19/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#22
Chrysene
Concen: 0.064 ng/ul m
RT: 21.403 min Scan# 4178
Delta R.T. -0.000 min
Lab File: BM049644.D
Acq: 13 Feb 2025 11:46

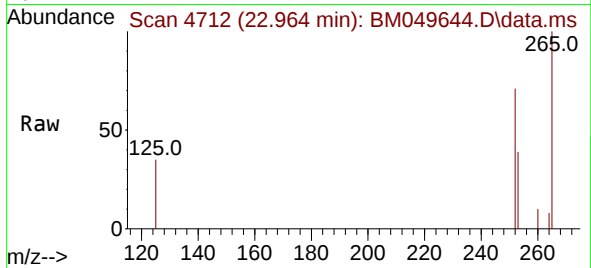
Tgt Ion:228 Resp: 8094
Ion Ratio Lower Upper
228 100
226 50.5 24.9 37.3#
229 49.6 15.6 23.4#





#24
Benzo(b)fluoranthene
Concen: 0.070 ng/ul m
RT: 22.964 min Scan# 4711
Delta R.T. -0.003 min
Lab File: BM049644.D
Acq: 13 Feb 2025 11:46

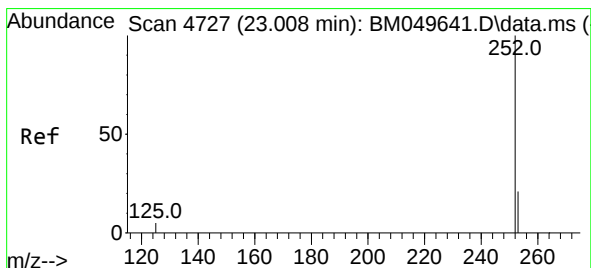
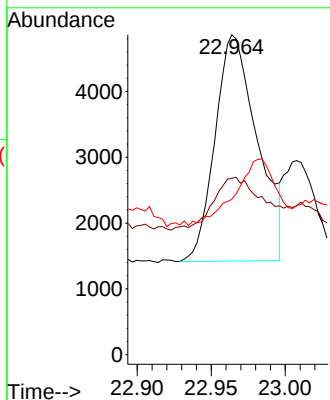
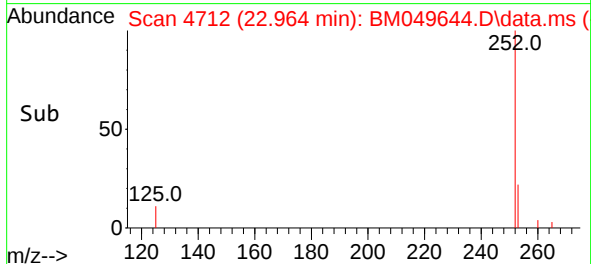
Instrument :
BNA_M
ClientSampleId :
E29B5



Tgt Ion:252 Resp: 6862
Ion Ratio Lower Upper
252 100
253 55.2 0.0 50.2#
125 48.5 0.0 25.6#

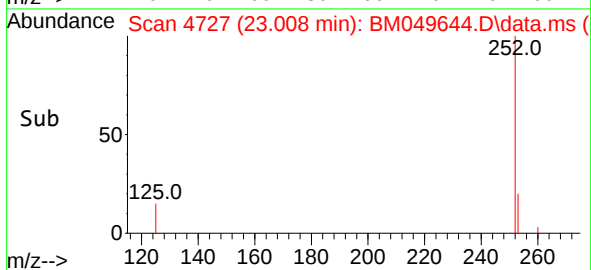
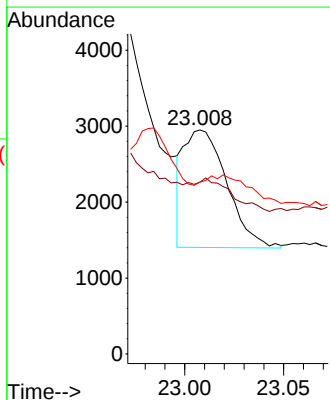
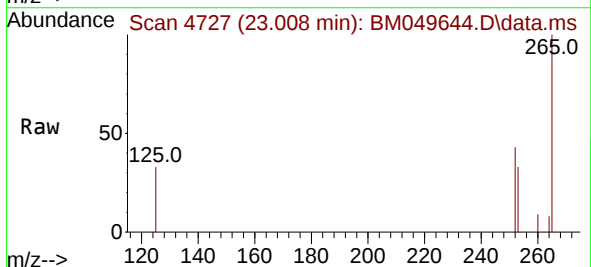
Manual Integrations
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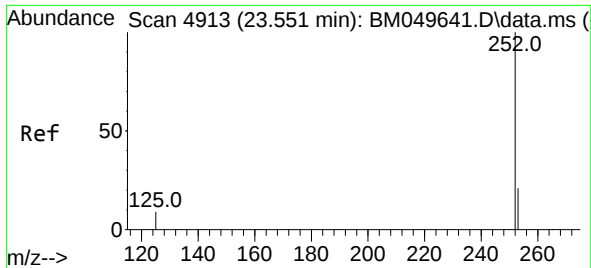
Reviewed By :Rahul Chavli 02/19/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#25
Benzo(k)fluoranthene
Concen: 0.021 ng/ul m
RT: 23.008 min Scan# 4727
Delta R.T. -0.003 min
Lab File: BM049644.D
Acq: 13 Feb 2025 11:46

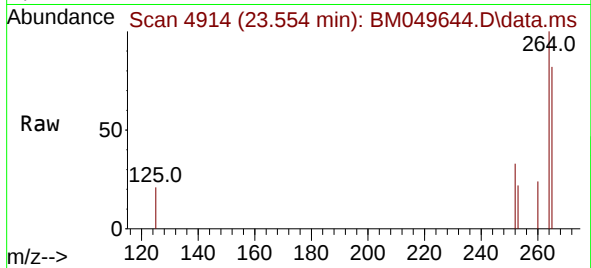
Tgt Ion:252 Resp: 2348
Ion Ratio Lower Upper
252 100
253 76.7 20.2 30.4#
125 76.8 10.4 15.6#





#26
Benzo(a)pyrene
Concen: 0.039 ng/ul m
RT: 23.554 min Scan# 4913
Delta R.T. -0.000 min
Lab File: BM049644.D
Acq: 13 Feb 2025 11:46

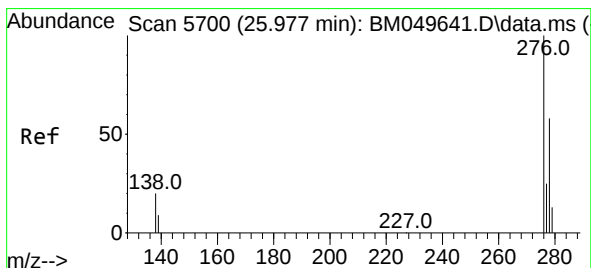
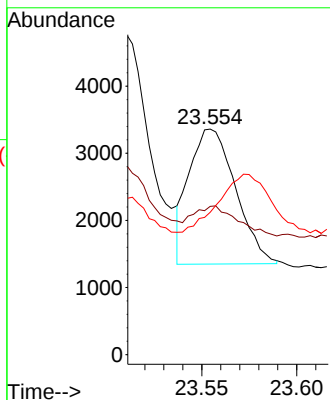
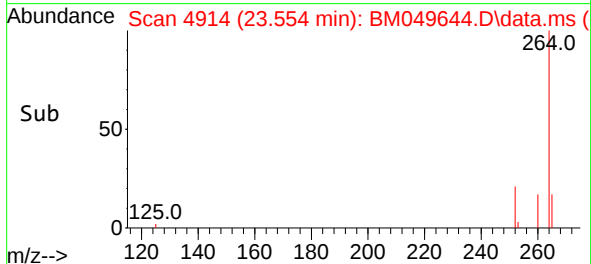
Instrument :
BNA_M
ClientSampleId :
E29B5



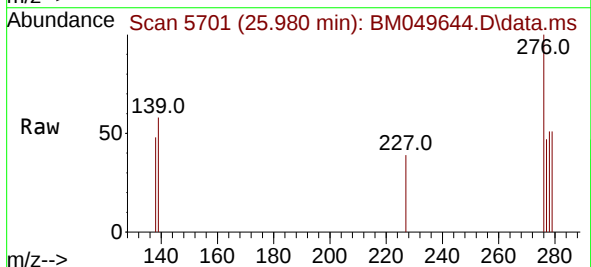
Tgt Ion:252 Resp: 342
Ion Ratio Lower Upper
252 100
253 65.7 21.6 32.4
125 63.1 12.6 18.8

Manual Integrations
APPROVED

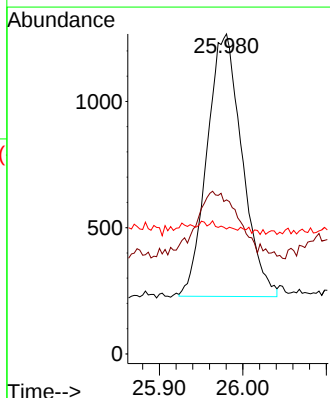
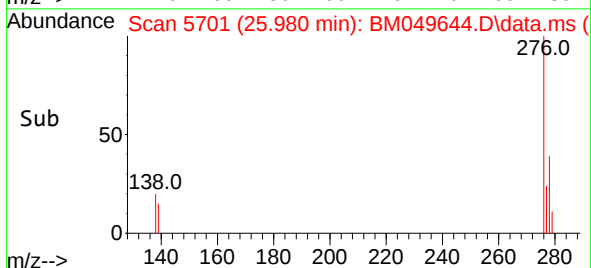
Reviewed By :Rahul Chavli 02/19/2025
Supervised By :Jagrut Upadhyay 02/19/2025

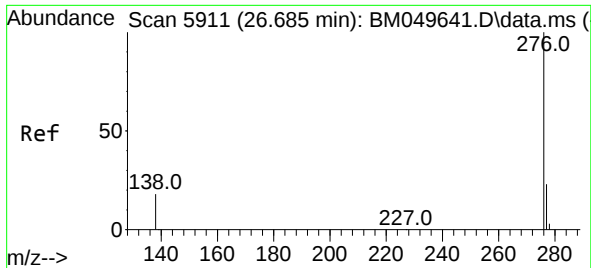


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng/ul m
RT: 25.980 min Scan# 5701
Delta R.T. -0.003 min
Lab File: BM049644.D
Acq: 13 Feb 2025 11:46



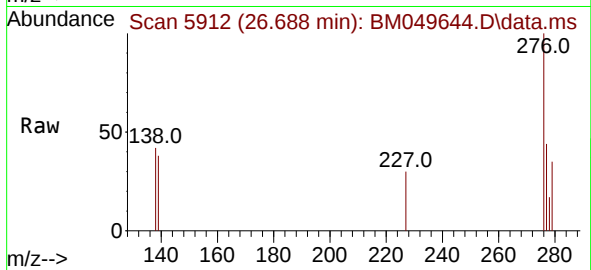
Tgt Ion:276 Resp: 3035
Ion Ratio Lower Upper
276 100
138 0.0 16.5 24.7#
227 0.0 0.1 0.1#





#29
Benzo(g,h,i)perylene
Concen: 0.038 ng/ul m
RT: 26.688 min Scan# 5912
Delta R.T. -0.003 min
Lab File: BM049644.D
Acq: 13 Feb 2025 11:46

Instrument :
BNA_M
ClientSampleId :
E29B5



Tgt Ion:276 Resp: 3878
Ion Ratio Lower Upper
276 100
138 41.6 15.8 23.6
277 44.2 19.9 29.9

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 02/19/2025
Supervised By :Jagrut Upadhyay 02/19/2025

