

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
 Data File : BM049016.D
 Acq On : 17 Dec 2024 11:39
 Operator : RC/JU
 Sample : P5155-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Q6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/18/2024

Quant Time: Dec 17 12:23:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 17 10:03:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.573	152	6810	0.400	ng/ul	0.00
4) Naphthalene-d8	10.332	136	19591	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.206	164	10014	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.951	188	20501m	0.400	ng/ul	0.00
17) Chrysene-d12	21.146	240	16774m	0.400	ng/ul	0.00
23) Perylene-d12	23.308	264	17233m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	22383	2.812	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.932	152	4888	0.196	ng/ul	0.00
18) Fluoranthene-d10	18.983	212	8835m	0.176	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.381	128	10594	0.211	ng/ul	99
7) 2-Methylnaphthalene	12.003	142	7817	0.255	ng/ul	100
8) 1-Methylnaphthalene	12.223	142	5491	0.176	ng/ul	99
10) Acenaphthylene	13.919	152	2070	0.049	ng/ul#	83
11) Acenaphthene	14.266	153	918	0.029	ng/ul	93
12) Fluorene	15.261	166	1106	0.031	ng/ul#	90
15) Phenanthrene	16.989	178	21670m	0.386	ng/ul	
16) Anthracene	17.082	178	5336m	0.107	ng/ul	
19) Fluoranthene	19.011	202	40421m	0.581	ng/ul	
20) Pyrene	19.378	202	30697m	0.409	ng/ul	
21) Benzo(a)anthracene	21.131	228	16733m	0.283	ng/ul	
22) Chrysene	21.184	228	26715m	0.400	ng/ul	
24) Benzo(b)fluoranthene	22.665	252	34141m	0.573	ng/ul	
25) Benzo(k)fluoranthene	22.706	252	14922m	0.217	ng/ul	
26) Benzo(a)pyrene	23.212	252	11859m	0.215	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.447	276	14297m	0.185	ng/ul	
28) Dibenzo(a,h)anthracene	25.460	278	4754m	0.079	ng/ul	
29) Benzo(g,h,i)perylene	26.101	276	2721m	0.044	ng/ul	

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

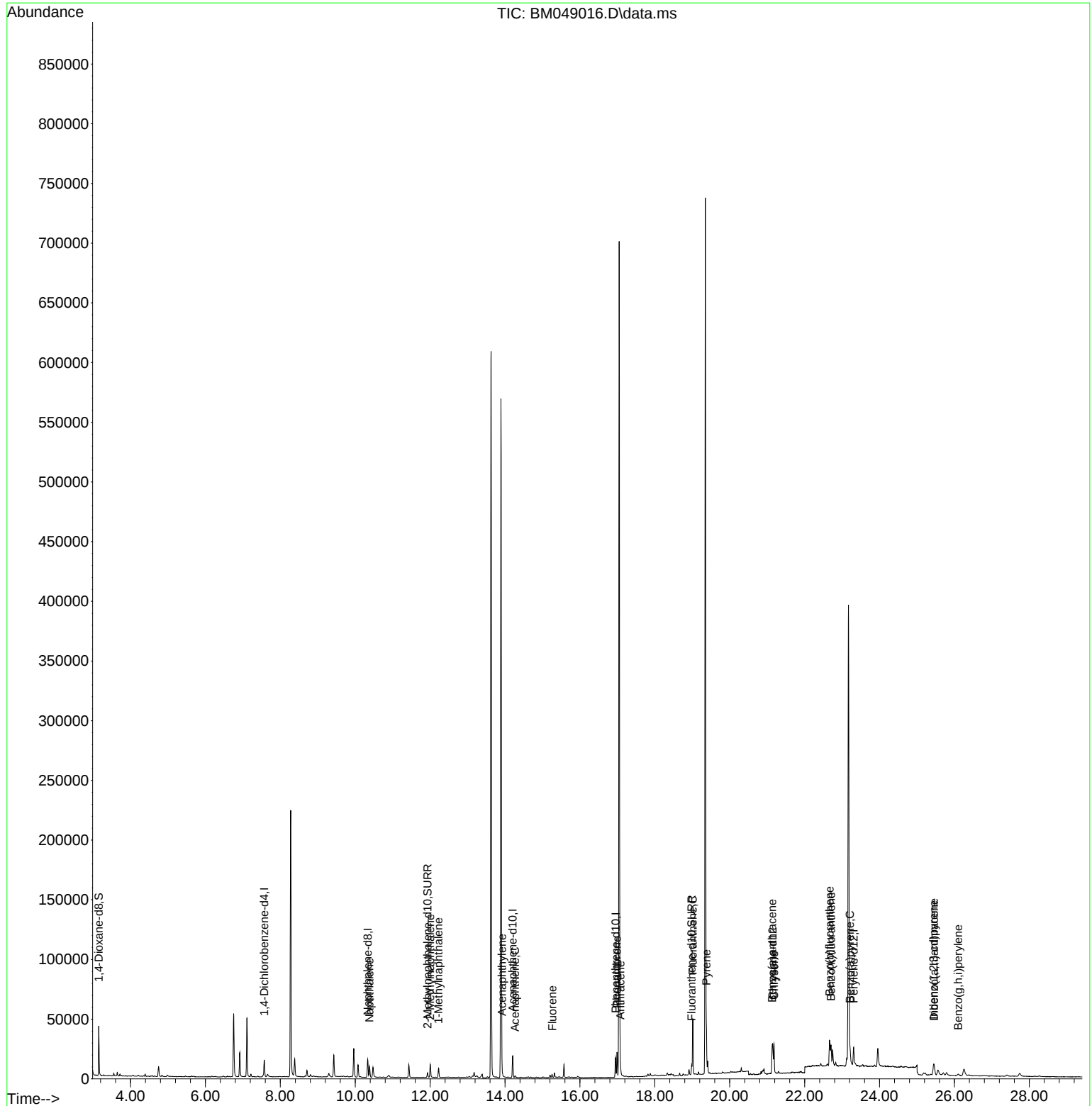
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049016.D
Acq On : 17 Dec 2024 11:39
Operator : RC/JU
Sample : P5155-01
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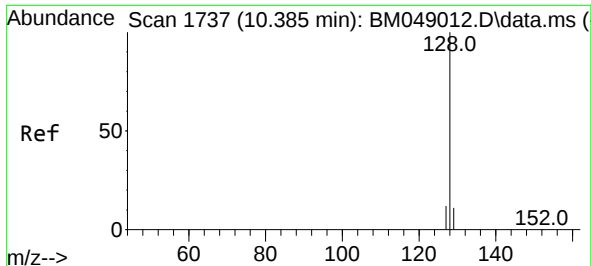
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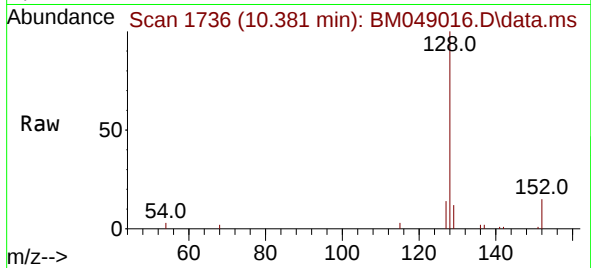
Quant Time: Dec 17 12:23:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.211 ng/ul
RT: 10.381 min Scan# 1736
Delta R.T. -0.004 min
Lab File: BM049016.D
Acq: 17 Dec 2024 11:39

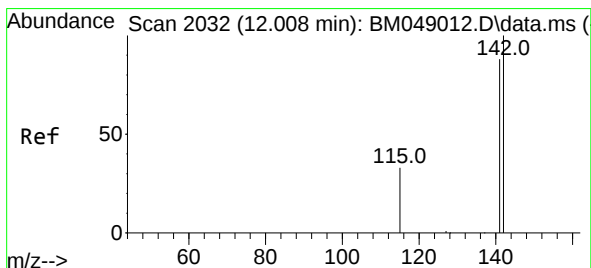
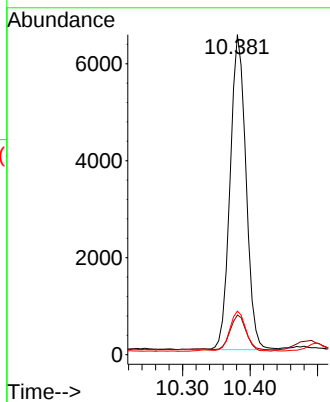
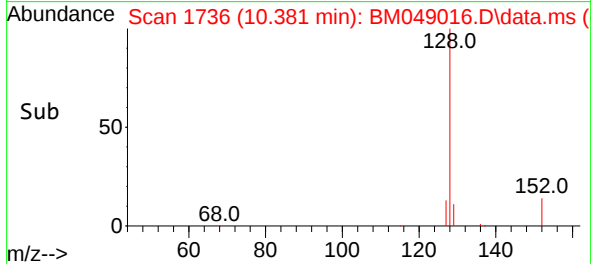
Instrument :
BNA_M
ClientSampleId :
E28Q6



Tgt Ion:128 Resp: 10594
Ion Ratio Lower Upper
128 100
129 12.4 9.4 14.2
127 13.6 10.6 16.0

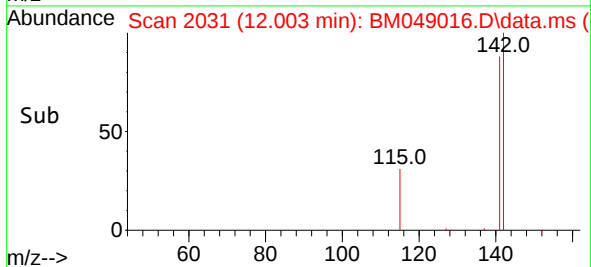
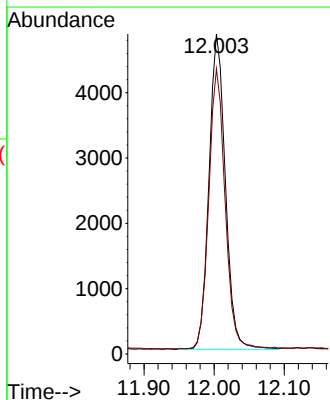
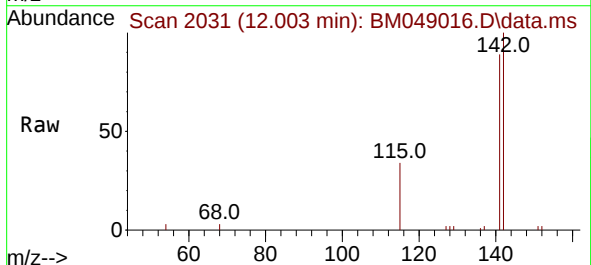
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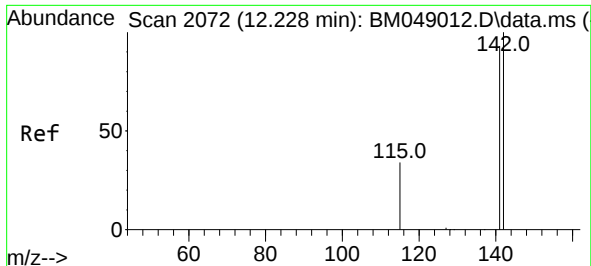
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#7
2-Methylnaphthalene
Concen: 0.255 ng/ul
RT: 12.003 min Scan# 2031
Delta R.T. -0.004 min
Lab File: BM049016.D
Acq: 17 Dec 2024 11:39

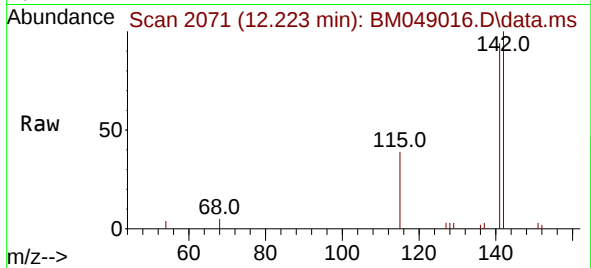
Tgt Ion:142 Resp: 7817
Ion Ratio Lower Upper
142 100
141 88.8 71.2 106.8





#8
1-Methylnaphthalene
Concen: 0.176 ng/ul
RT: 12.223 min Scan# 2071
Delta R.T. -0.004 min
Lab File: BM049016.D
Acq: 17 Dec 2024 11:39

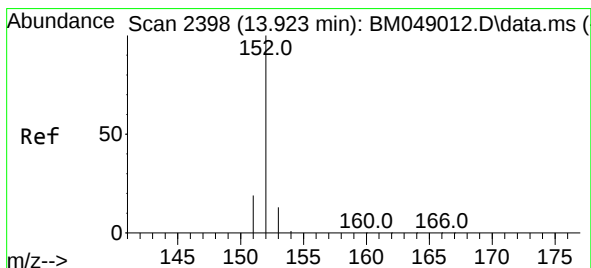
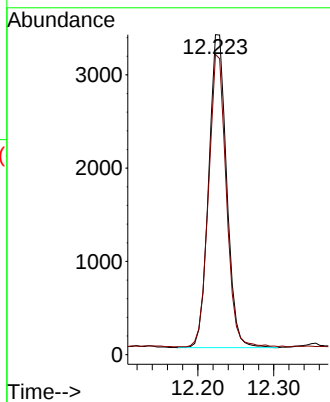
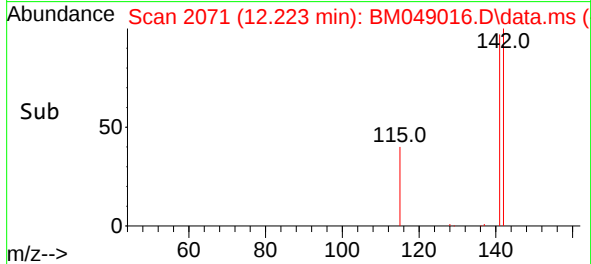
Instrument :
BNA_M
ClientSampleId :
E28Q6



Tgt Ion:142 Resp: 549
Ion Ratio Lower Upper
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141 92.3 72.8 109.2

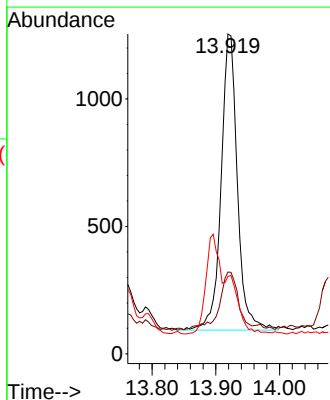
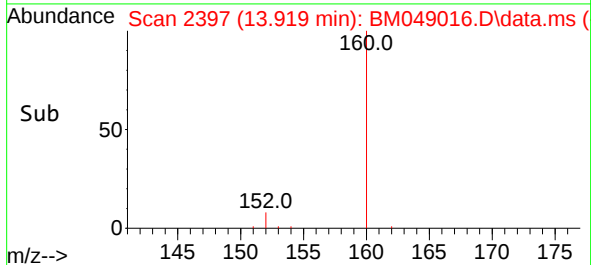
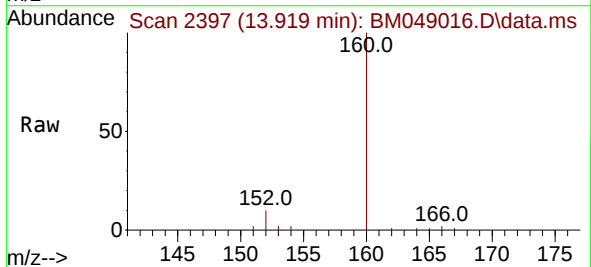
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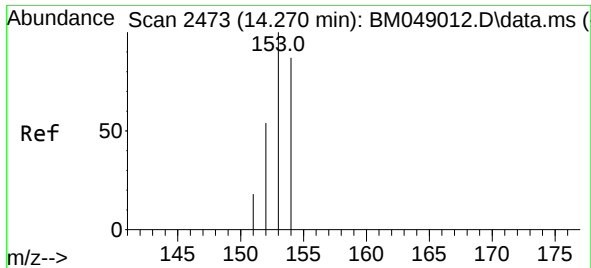
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#10
Acenaphthylene
Concen: 0.049 ng/ul
RT: 13.919 min Scan# 2397
Delta R.T. -0.003 min
Lab File: BM049016.D
Acq: 17 Dec 2024 11:39

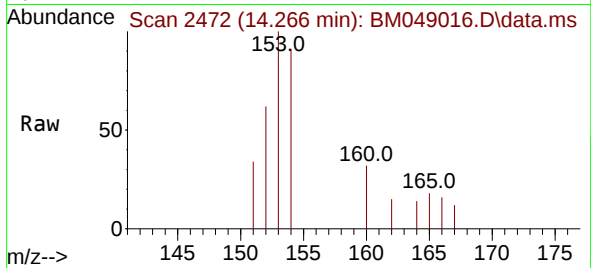
Tgt Ion:152 Resp: 2070
Ion Ratio Lower Upper
152 100
151 25.6 16.3 24.5#
153 24.2 11.2 16.8#





#11
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.266 min Scan# 2472
Delta R.T. -0.003 min
Lab File: BM049016.D
Acq: 17 Dec 2024 11:39

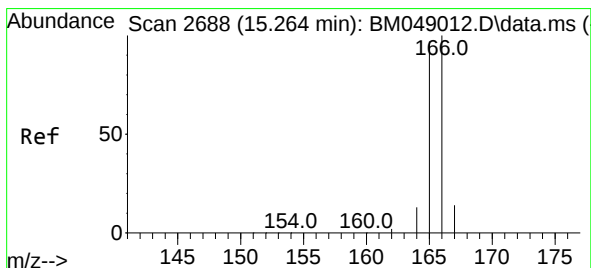
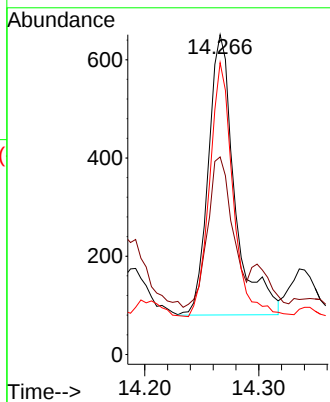
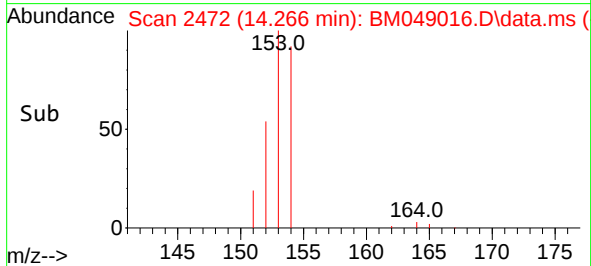
Instrument :
BNA_M
ClientSampleId :
E28Q6



Tgt Ion:153 Resp: 918
Ion Ratio Lower Upper
153 100
152 61.8 43.5 65.3
154 91.2 69.5 104.3

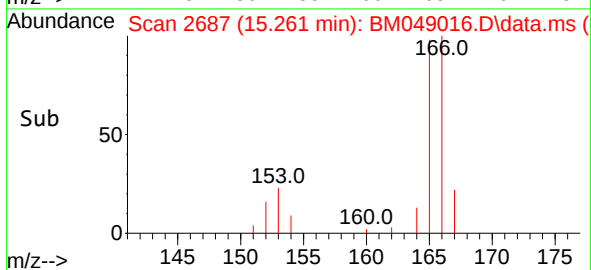
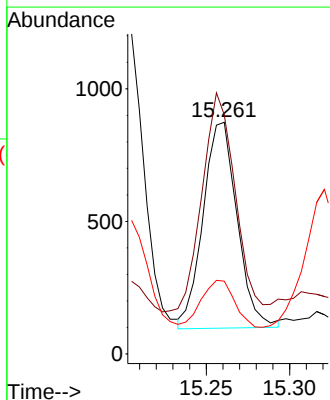
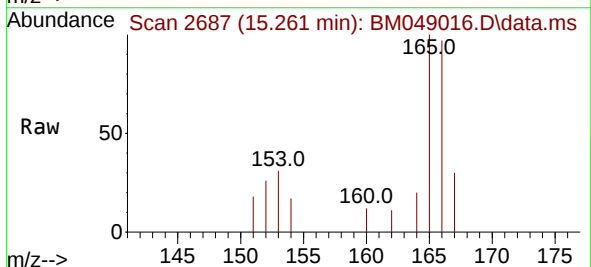
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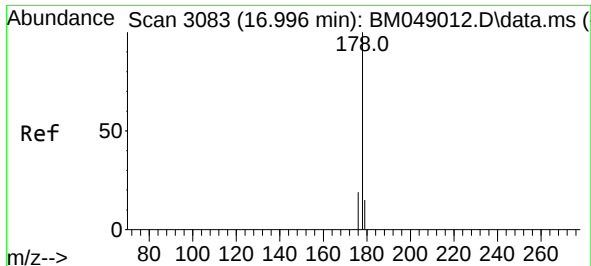
Reviewed By :Yogesh Patel 12/18/2024
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#12
Fluorene
Concen: 0.031 ng/ul
RT: 15.261 min Scan# 2687
Delta R.T. -0.003 min
Lab File: BM049016.D
Acq: 17 Dec 2024 11:39

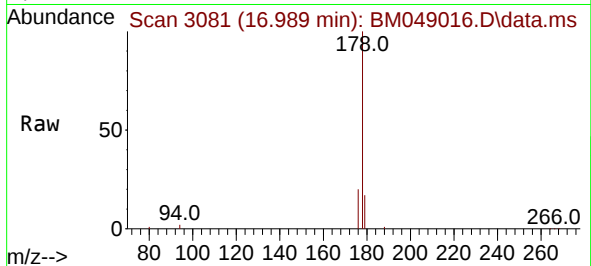
Tgt Ion:166 Resp: 1106
Ion Ratio Lower Upper
166 100
165 103.2 78.1 117.1
167 31.5 11.6 17.4#





#15
Phenanthrene
Concen: 0.386 ng/ul m
RT: 16.989 min Scan# 3081
Delta R.T. -0.007 min
Lab File: BM049016.D
Acq: 17 Dec 2024 11:39

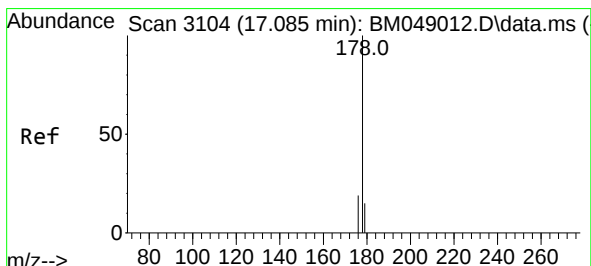
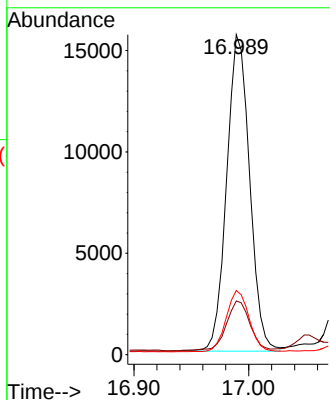
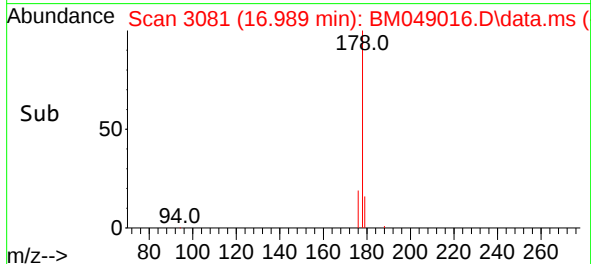
Instrument :
BNA_M
ClientSampleId :
E28Q6



Tgt Ion:178 Resp: 21670
Ion Ratio Lower Upper
178 100
179 16.8 13.0 19.6
176 20.1 15.8 23.8

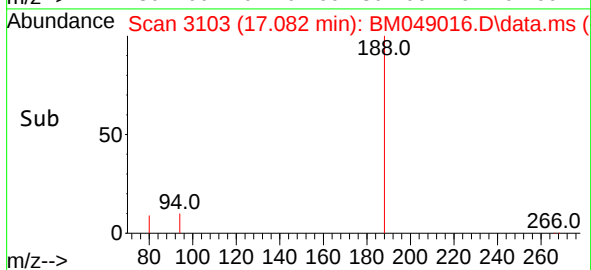
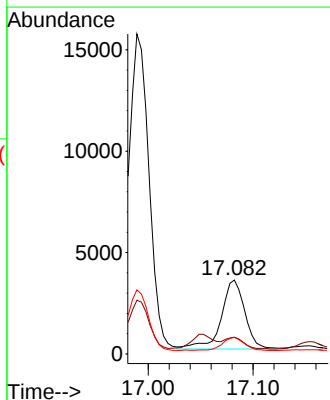
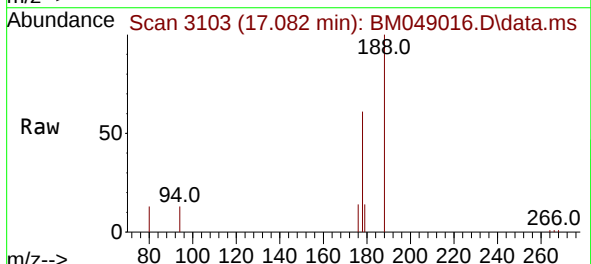
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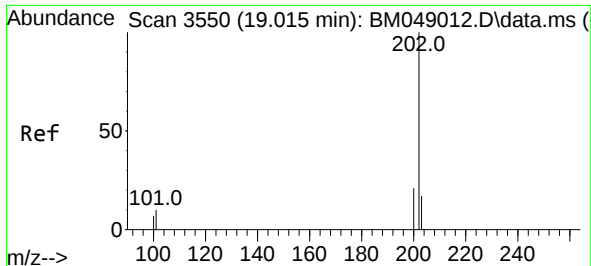
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#16
Anthracene
Concen: 0.107 ng/ul m
RT: 17.082 min Scan# 3103
Delta R.T. -0.003 min
Lab File: BM049016.D
Acq: 17 Dec 2024 11:39

Tgt Ion:178 Resp: 5336
Ion Ratio Lower Upper
178 100
179 22.7 13.0 19.4#
176 22.3 15.0 22.6





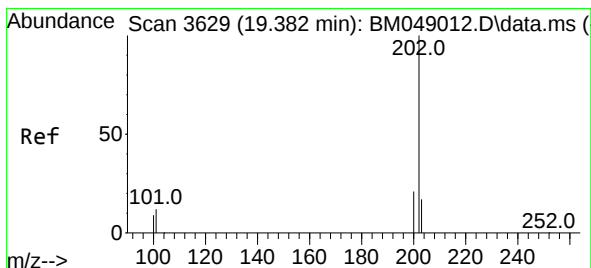
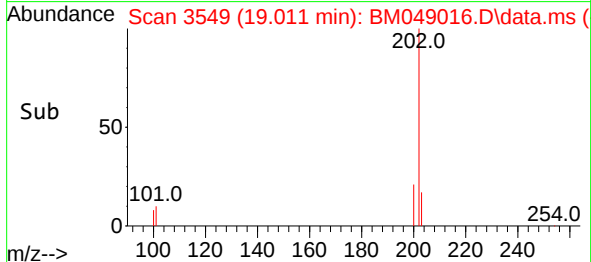
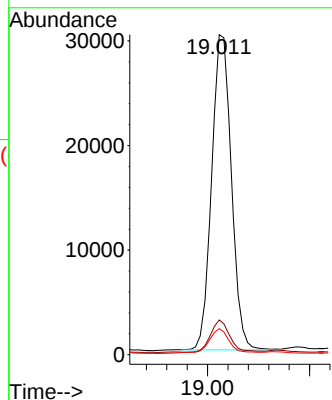
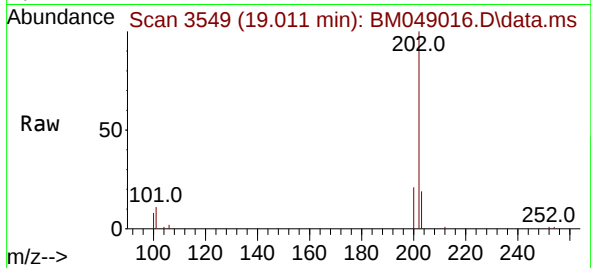
#19
Fluoranthene
Concen: 0.581 ng/ul m
RT: 19.011 min Scan# 3549
Delta R.T. -0.003 min
Lab File: BM049016.D
Acq: 17 Dec 2024 11:39

Instrument :
BNA_M
ClientSampleId :
E28Q6

Tgt Ion:202 Resp: 4042
Ion Ratio Lower Upper
202 100
101 10.9 9.7 14.5
100 8.2 7.3 10.9

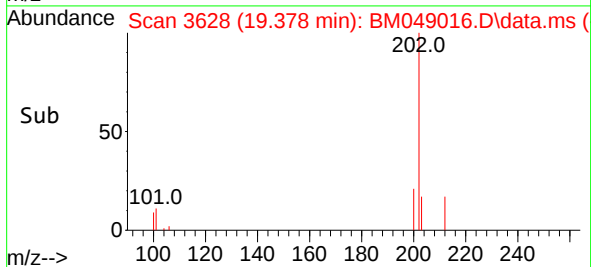
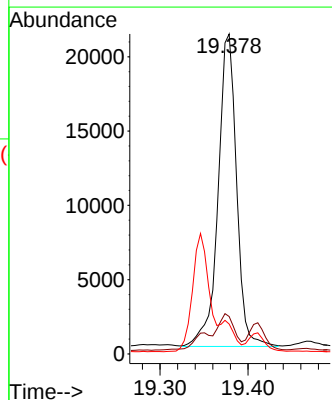
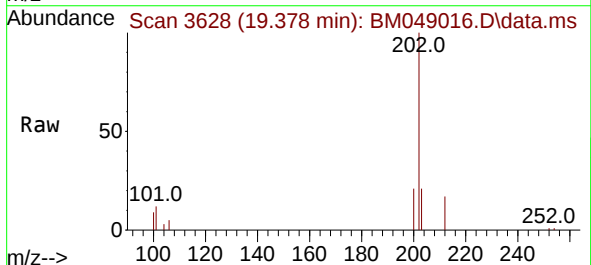
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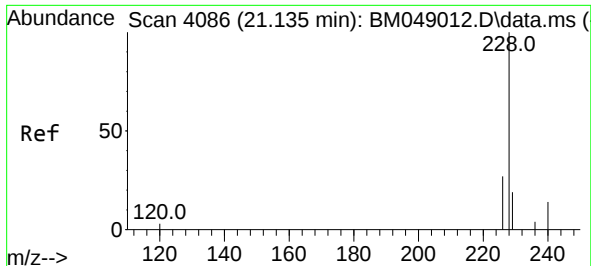
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#20
Pyrene
Concen: 0.409 ng/ul m
RT: 19.378 min Scan# 3628
Delta R.T. -0.003 min
Lab File: BM049016.D
Acq: 17 Dec 2024 11:39

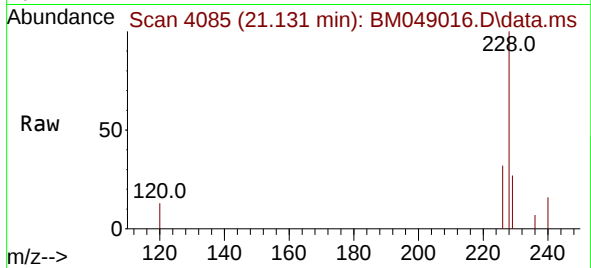
Tgt Ion:202 Resp: 30697
Ion Ratio Lower Upper
202 100
101 11.7 10.6 16.0
100 9.4 8.4 12.6





#21
Benzo(a)anthracene
Concen: 0.283 ng/ul m
RT: 21.131 min Scan# 4086
Delta R.T. -0.003 min
Lab File: BM049016.D
Acq: 17 Dec 2024 11:39

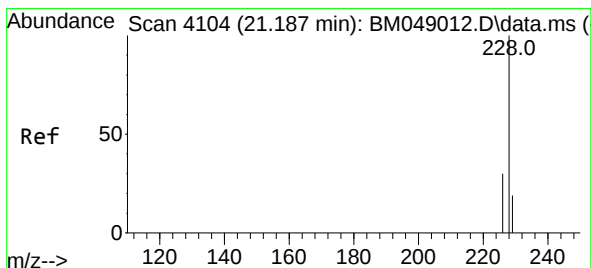
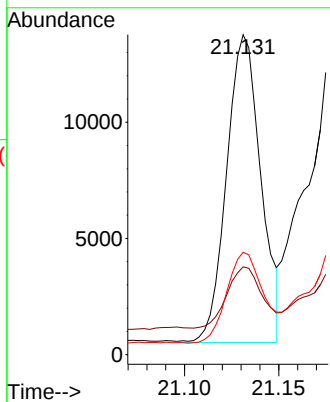
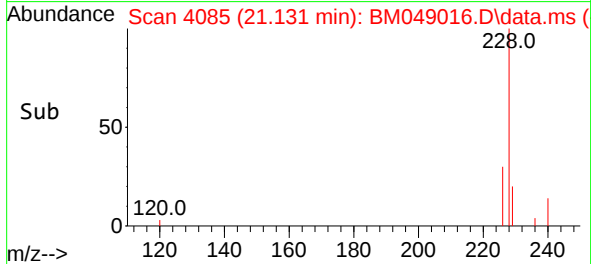
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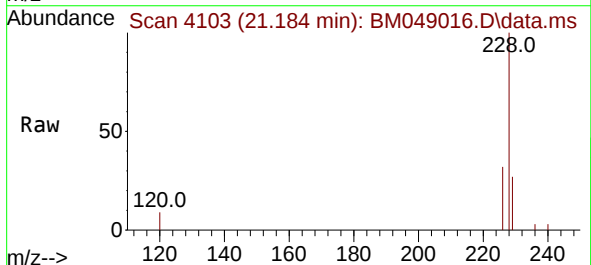
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Ion Ratio Lower Upper
228 100
229 27.4 15.7 23.5
226 32.0 23.0 34.4

Manual Integrations
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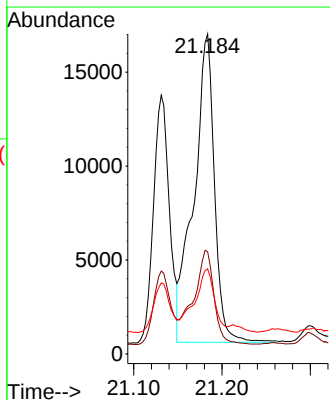
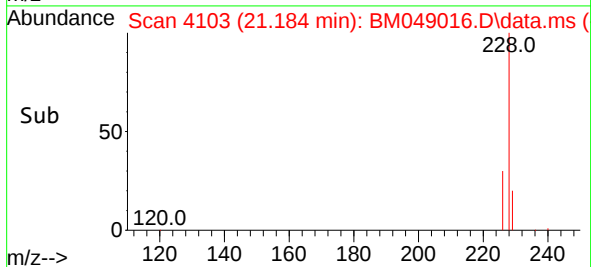
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

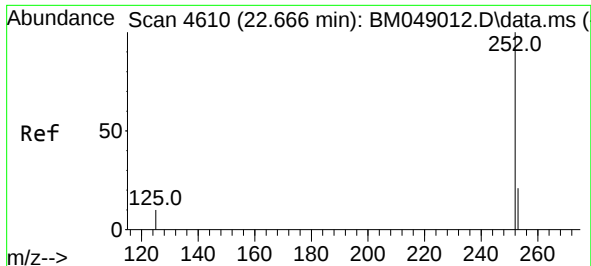


#22
Chrysene
Concen: 0.400 ng/ul m
RT: 21.184 min Scan# 4103
Delta R.T. -0.003 min
Lab File: BM049016.D
Acq: 17 Dec 2024 11:39



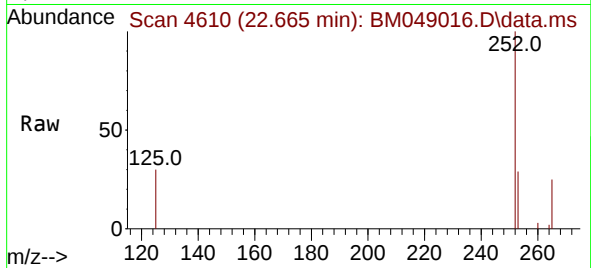
Tgt Ion:228 Resp: 26715
Ion Ratio Lower Upper
228 100
226 32.0 24.8 37.2
229 26.6 16.0 24.0#





#24
Benzo(b)fluoranthene
Concen: 0.573 ng/ul m
RT: 22.665 min Scan# 4610
Delta R.T. -0.001 min
Lab File: BM049016.D
Acq: 17 Dec 2024 11:39

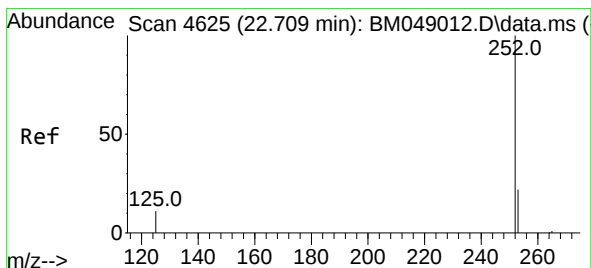
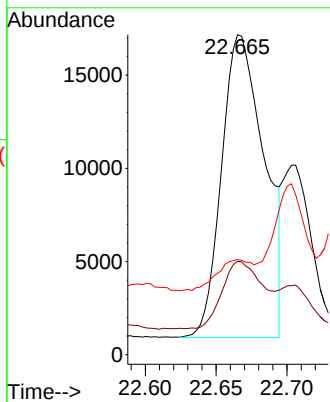
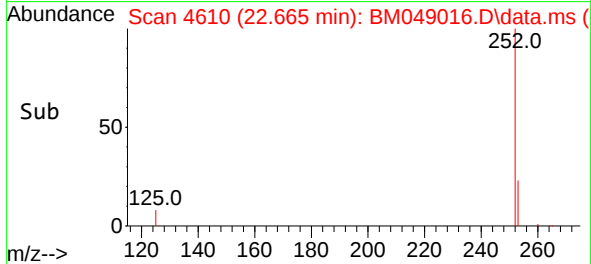
Instrument :
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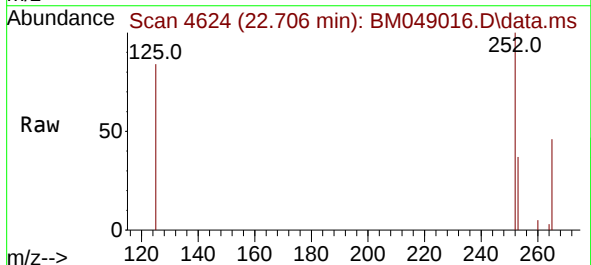
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Ion Ratio Lower Upper
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253 29.1 0.0 51.0
125 29.7 0.0 36.6

Manual Integrations
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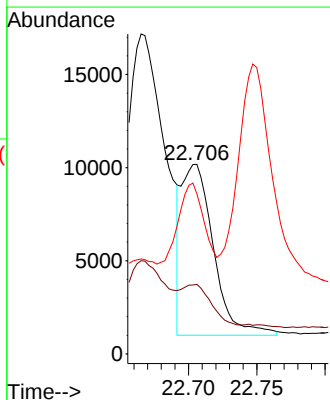
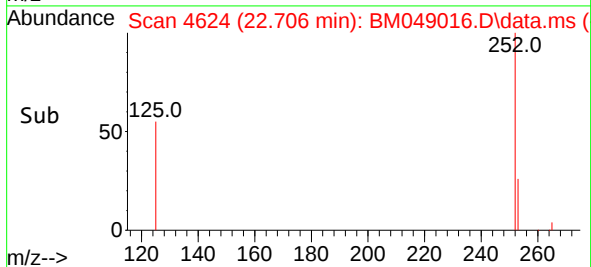
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

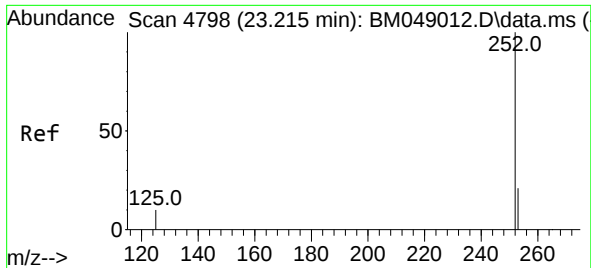


#25
Benzo(k)fluoranthene
Concen: 0.217 ng/ul m
RT: 22.706 min Scan# 4624
Delta R.T. -0.003 min
Lab File: BM049016.D
Acq: 17 Dec 2024 11:39



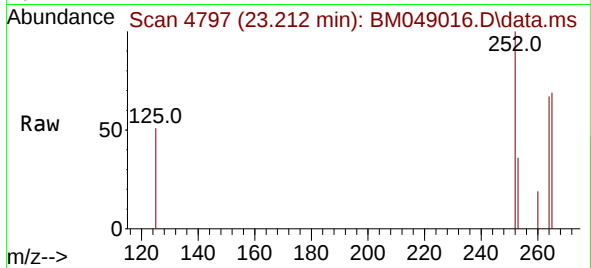
Tgt Ion:252 Resp: 14922
Ion Ratio Lower Upper
252 100
253 36.7 20.5 30.7#
125 84.4 17.3 25.9#





#26
Benzo(a)pyrene
Concen: 0.215 ng/ul m
RT: 23.212 min Scan# 4798
Delta R.T. -0.003 min
Lab File: BM049016.D
Acq: 17 Dec 2024 11:39

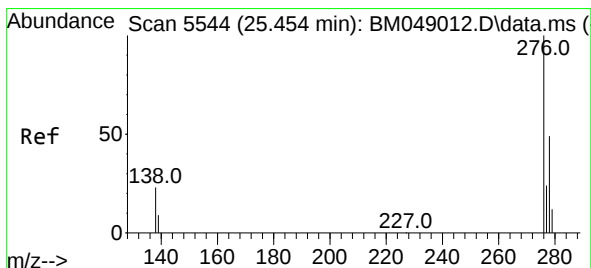
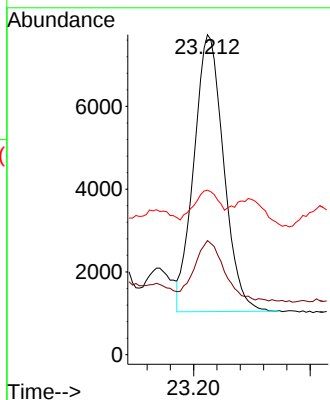
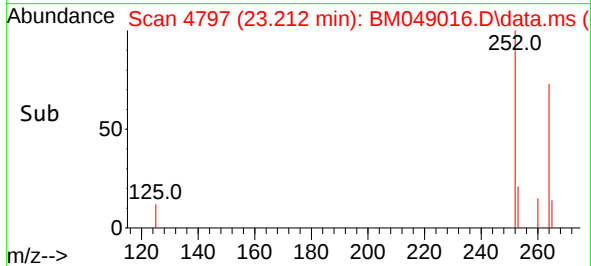
Instrument :
BNA_M
ClientSampleId :
E28Q6



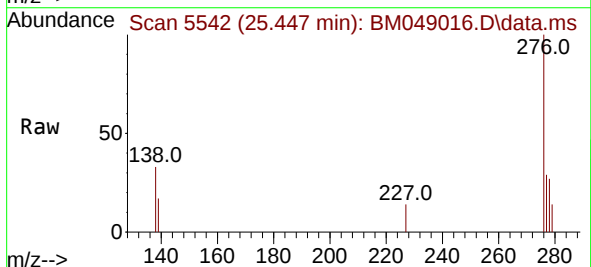
Tgt Ion:252 Resp: 11859
Ion Ratio Lower Upper
252 100
253 35.6 21.8 32.8
125 51.4 18.6 27.8

Manual Integrations
APPROVED

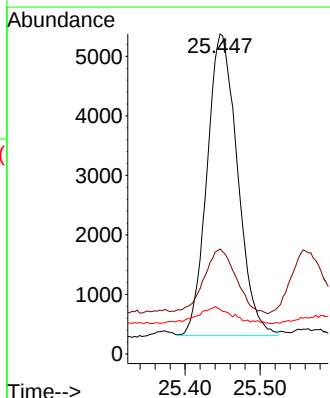
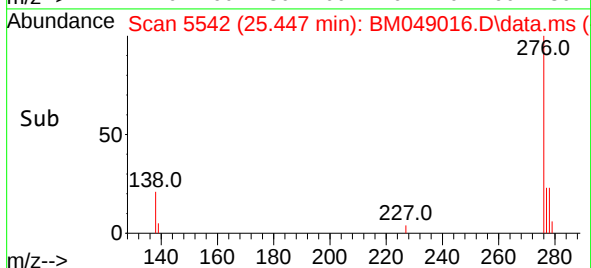
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

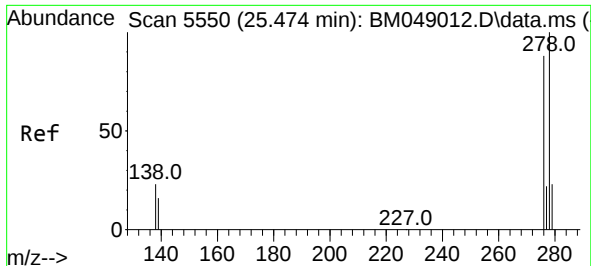


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.185 ng/ul m
RT: 25.447 min Scan# 5542
Delta R.T. -0.007 min
Lab File: BM049016.D
Acq: 17 Dec 2024 11:39



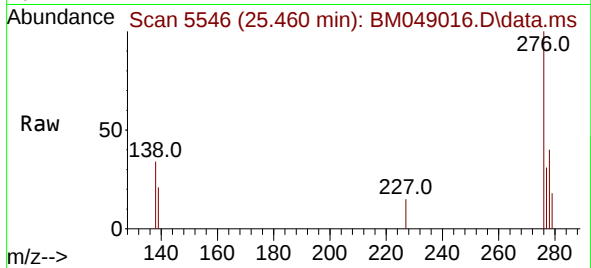
Tgt Ion:276 Resp: 14297
Ion Ratio Lower Upper
276 100
138 0.0 22.1 33.1#
227 0.0 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.079 ng/ul m
RT: 25.460 min Scan# 5546
Delta R.T. -0.014 min
Lab File: BM049016.D
Acq: 17 Dec 2024 11:39

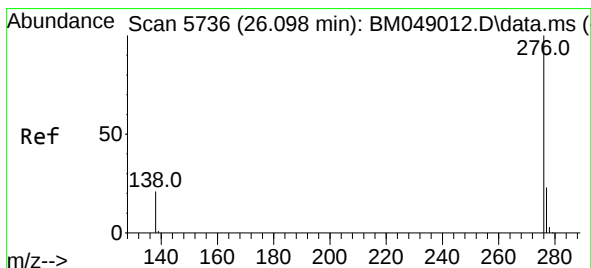
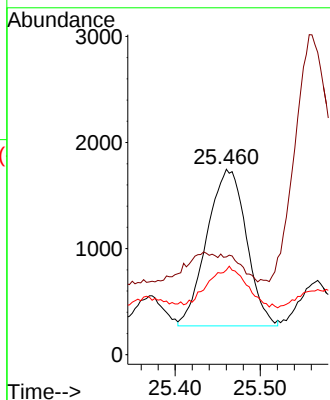
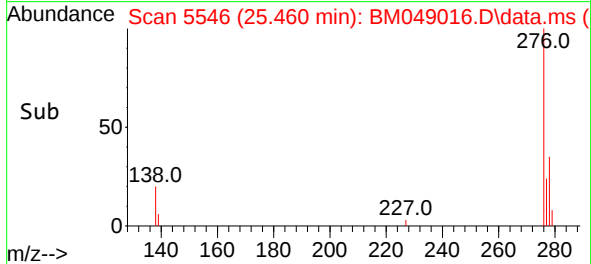
Instrument :
BNA_M
ClientSampleId :
E28Q6



Tgt Ion:278 Resp: 4754
Ion Ratio Lower Upper
278 100
139 52.7 17.4 26.0#
279 45.7 21.1 31.7#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#29
Benzo(g,h,i)perylene
Concen: 0.044 ng/ul m
RT: 26.101 min Scan# 5737
Delta R.T. 0.003 min
Lab File: BM049016.D
Acq: 17 Dec 2024 11:39

Tgt Ion:276 Resp: 2721
Ion Ratio Lower Upper
276 100
138 68.9 19.8 29.6#
277 43.9 19.6 29.4#

