

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
 Data File : BM048745.D
 Acq On : 16 Nov 2024 17:04
 Operator : RC/JU
 Sample : P4803-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A0AQ5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/19/2024

Quant Time: Nov 17 22:48:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 17 22:31:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.629	152	3263	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.410	136	9766	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.281	164	5421	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.024	188	11244m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.226	240	8648m	0.400	ng/ul	0.00
23) Perylene-d12	23.424	264	7128m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.085	96	22790	5.789	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.032	152	4217	0.334	ng/ul	-0.02
18) Fluoranthene-d10	19.078	212	10903	0.449	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.459	128	641	0.026	ng/ul#	65
7) 2-Methylnaphthalene	12.109	142	472	0.031	ng/ul	94
10) Acenaphthylene	13.994	152	487	0.024	ng/ul#	60
11) Acenaphthene	14.341	153	368	0.022	ng/ul#	93
12) Fluorene	15.331	166	651	0.036	ng/ul#	94
15) Phenanthrene	17.066	178	1160m	0.039	ng/ul	
16) Anthracene	17.159	178	1148m	0.042	ng/ul	
19) Fluoranthene	19.110	202	1351	0.042	ng/ul#	1
21) Benzo(a)anthracene	21.211	228	1131	0.040	ng/ul#	71
22) Chrysene	21.264	228	1913	0.056	ng/ul#	84
24) Benzo(b)fluoranthene	22.760	252	1350	0.061	ng/ul#	2
25) Benzo(k)fluoranthene	22.804	252	1214	0.047	ng/ul#	1
26) Benzo(a)pyrene	23.318	252	762	0.035	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.676	276	1071	0.035	ng/ul#	85
28) Dibenzo(a,h)anthracene	25.689	278	750	0.032	ng/ul#	1
29) Benzo(g,h,i)perylene	26.350	276	940	0.037	ng/ul#	29

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

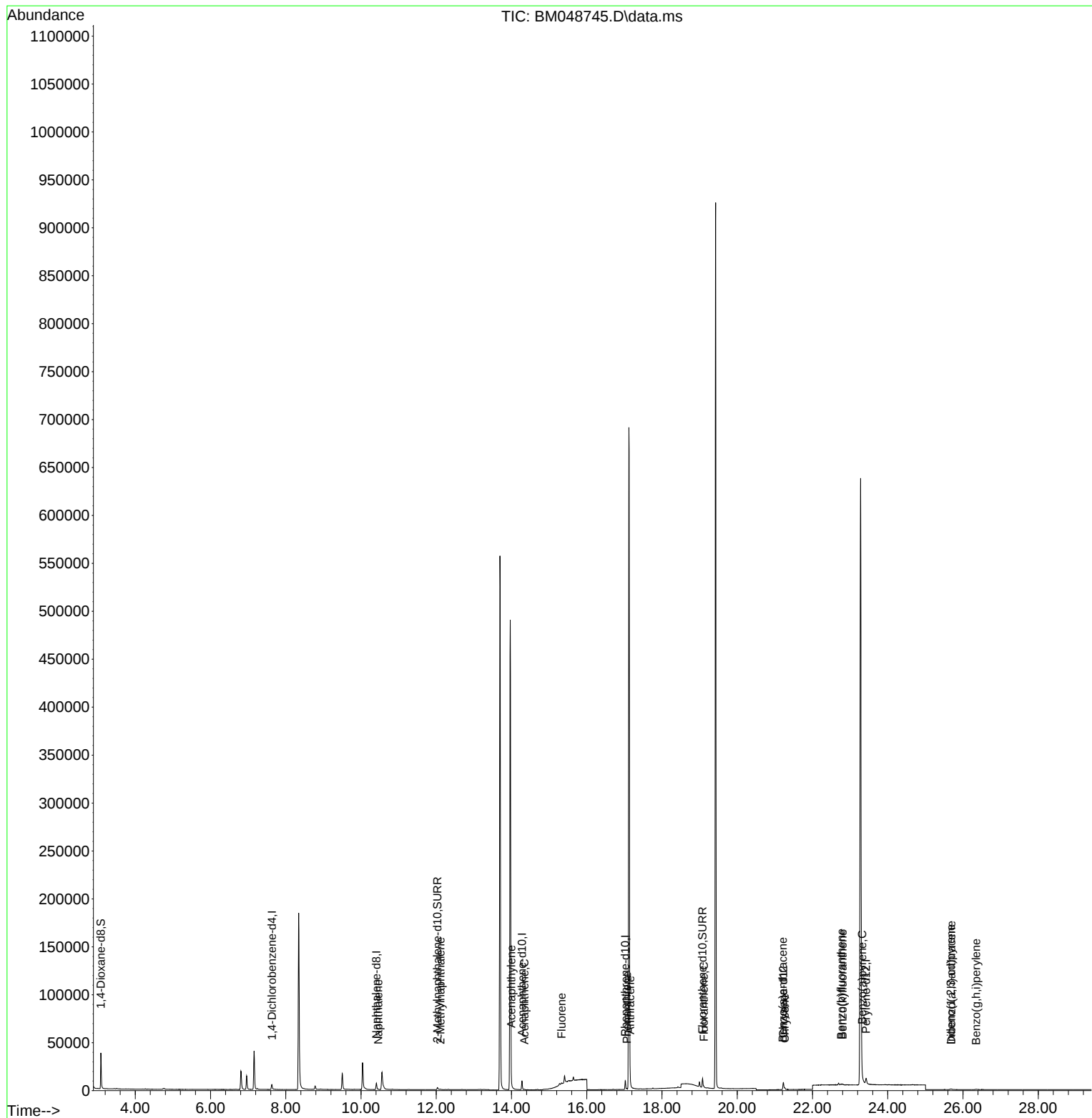
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
Data File : BM048745.D
Acq On : 16 Nov 2024 17:04
Operator : RC/JU
Sample : P4803-12
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ALS Vial : 11 Sample Multiplier: 1

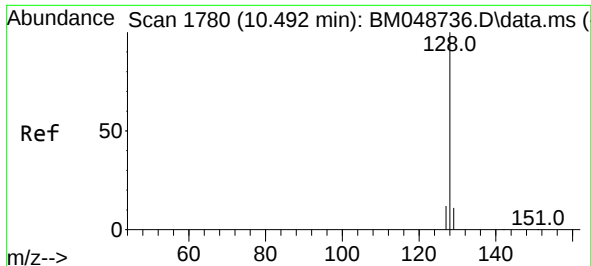
Instrument :
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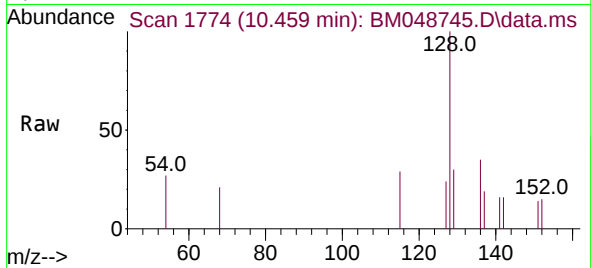
Quant Time: Nov 17 22:48:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 17 22:31:02 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.459 min Scan# 1774
Delta R.T. -0.033 min
Lab File: BM048745.D
Acq: 16 Nov 2024 17:04

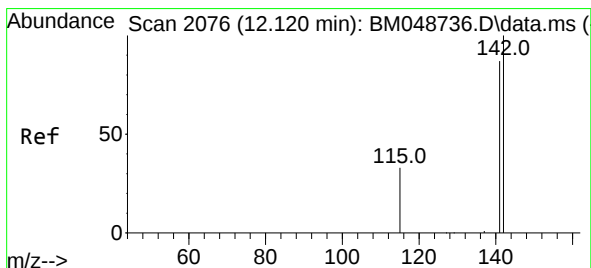
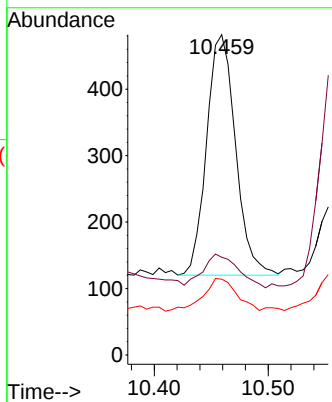
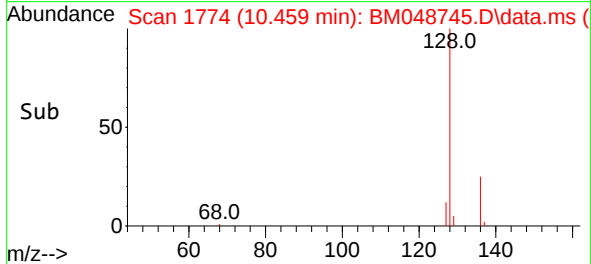
Instrument :
BNA_M
ClientSampleId :
A0AQ5



Tgt Ion:128 Resp: 64
Ion Ratio Lower Upper
128 100
129 30.5 10.0 15.0
127 23.7 10.9 16.3

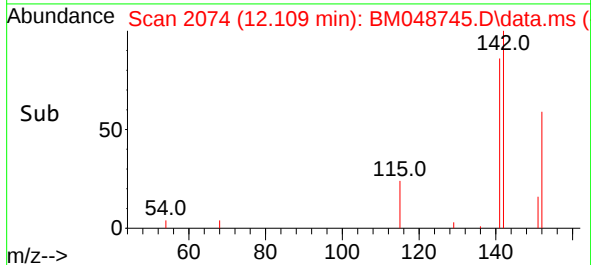
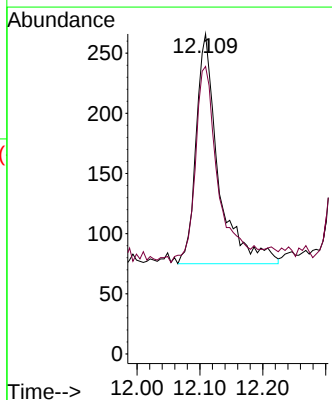
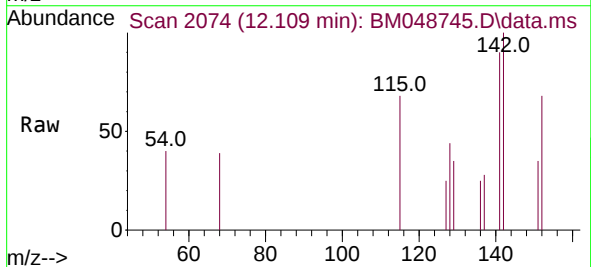
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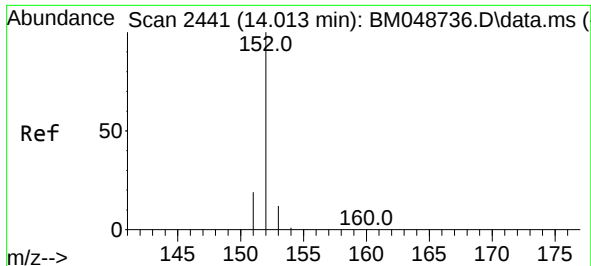
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.109 min Scan# 2074
Delta R.T. -0.011 min
Lab File: BM048745.D
Acq: 16 Nov 2024 17:04

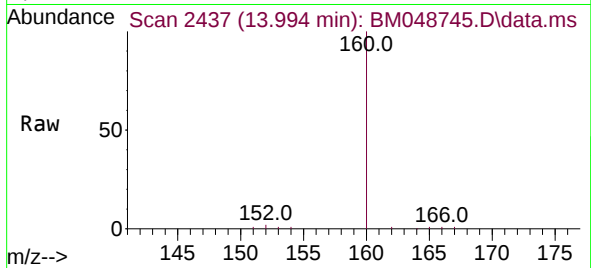
Tgt Ion:142 Resp: 472
Ion Ratio Lower Upper
142 100
141 91.7 68.6 103.0





#10
Acenaphthylene
Concen: 0.024 ng/ul
RT: 13.994 min Scan# 2441
Delta R.T. -0.018 min
Lab File: BM048745.D
Acq: 16 Nov 2024 17:04

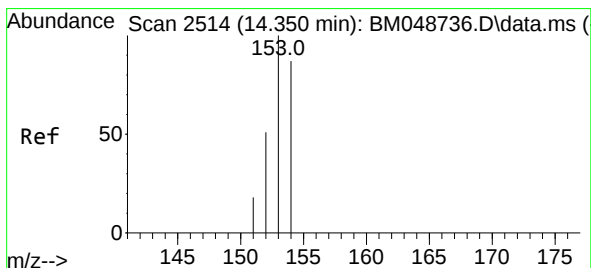
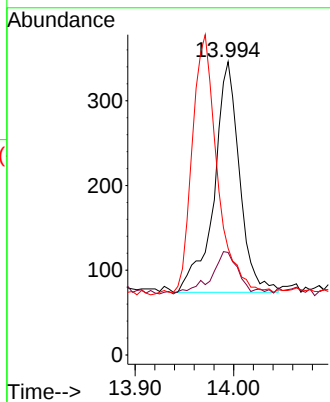
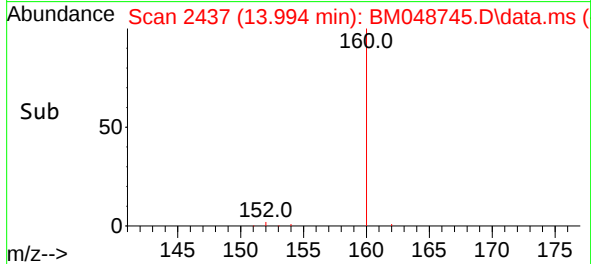
Instrument :
BNA_M
ClientSampleId :
A0AQ5



Tgt Ion:152 Resp: 485
Ion Ratio Lower Upper
152 100
151 35.0 16.5 24.7
153 36.4 11.6 17.4

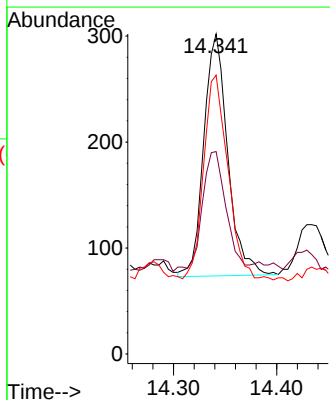
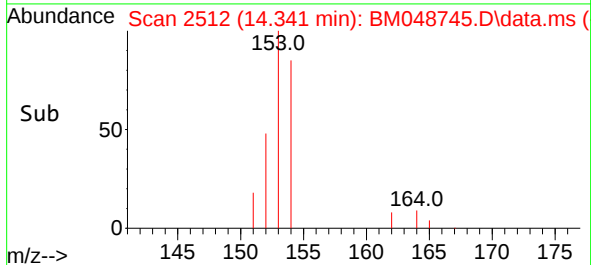
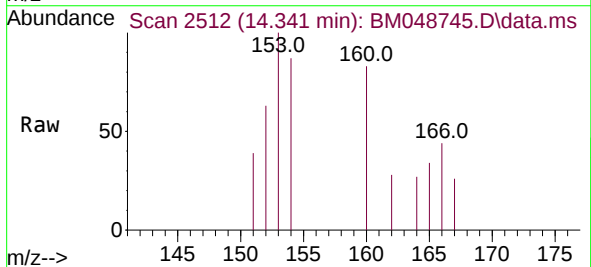
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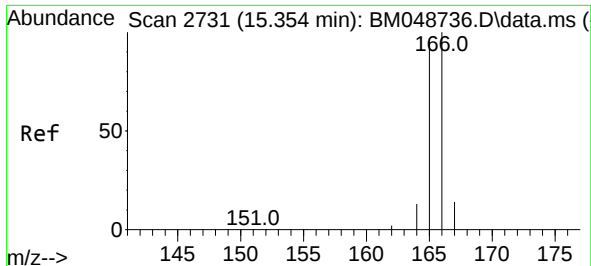
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.341 min Scan# 2512
Delta R.T. -0.009 min
Lab File: BM048745.D
Acq: 16 Nov 2024 17:04

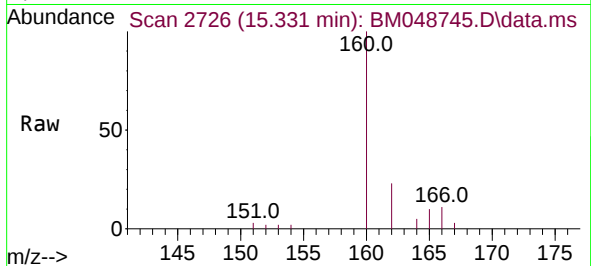
Tgt Ion:153 Resp: 368
Ion Ratio Lower Upper
153 100
152 63.2 41.1 61.7
154 87.1 70.3 105.5





#12
Fluorene
Concen: 0.036 ng/ul
RT: 15.331 min Scan# 21
Delta R.T. -0.023 min
Lab File: BM048745.D
Acq: 16 Nov 2024 17:04

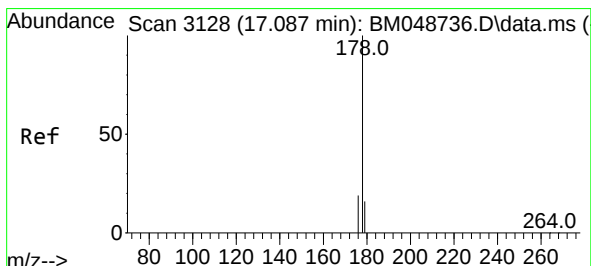
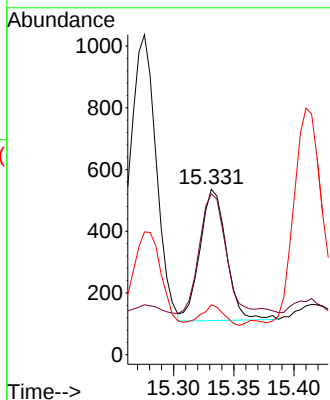
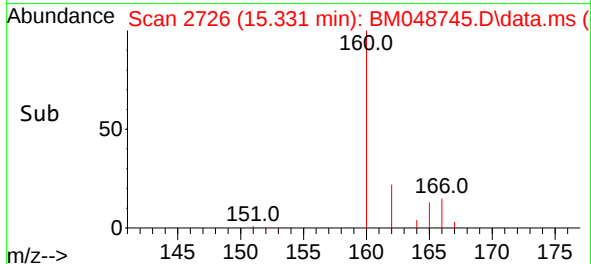
Instrument :
BNA_M
ClientSampleId :
A0AQ5



Tgt Ion:166 Resp: 65
Ion Ratio Lower Upper
166 100
165 97.2 78.7 118.1
167 30.2 12.6 18.8

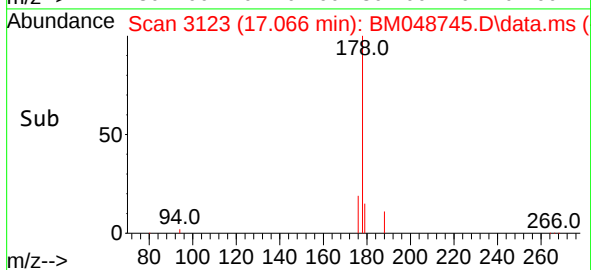
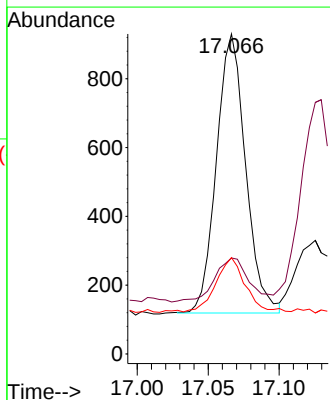
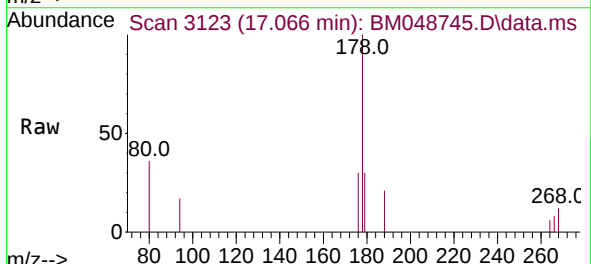
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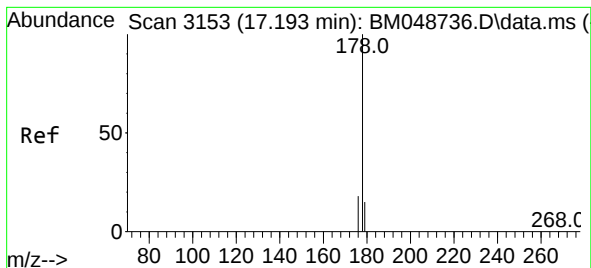
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#15
Phenanthrene
Concen: 0.039 ng/ul m
RT: 17.066 min Scan# 3123
Delta R.T. -0.021 min
Lab File: BM048745.D
Acq: 16 Nov 2024 17:04

Tgt Ion:178 Resp: 1160
Ion Ratio Lower Upper
178 100
179 30.0 13.4 20.0#
176 30.1 16.2 24.2#





#16

Anthracene

Concen: 0.042 ng/ul m

RT: 17.159 min Scan# 3145

Delta R.T. -0.034 min

Lab File: BM048745.D

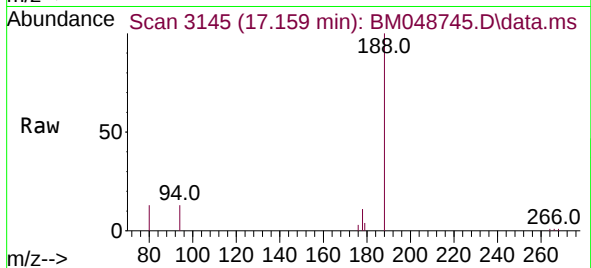
Acq: 16 Nov 2024 17:04

Instrument :

BNA_M

ClientSampleId :

A0AQ5



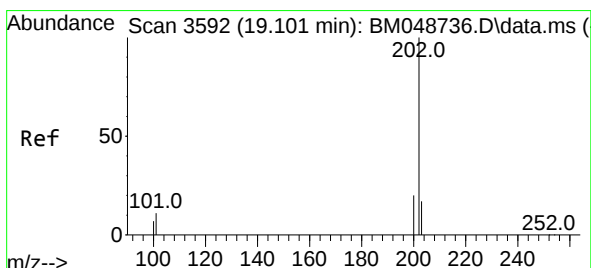
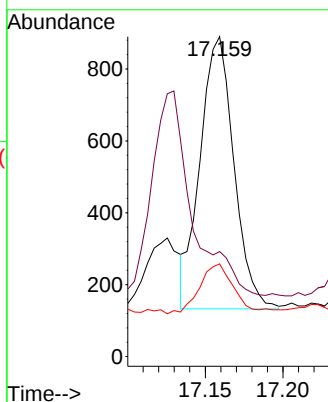
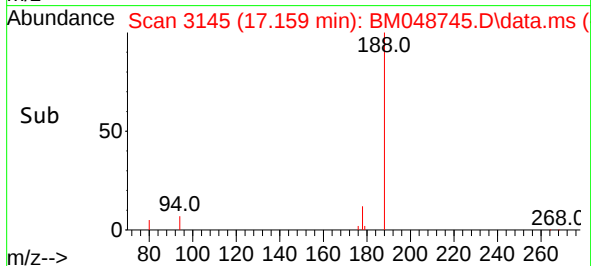
Tgt Ion:	178	Resp:	114
Ion Ratio	Lower	Upper	
178	100		
179	32.8	13.7	20.5
176	29.0	15.9	23.9

Manual Integrations

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Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#19

Fluoranthene

Concen: 0.042 ng/ul

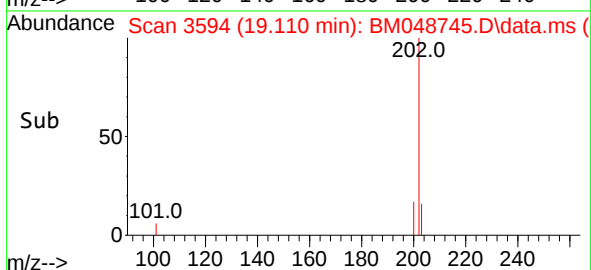
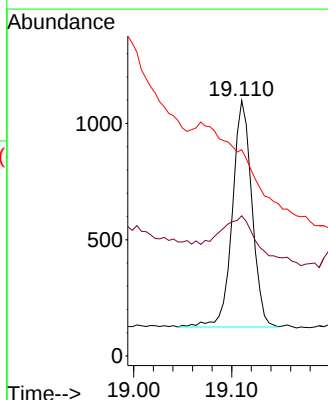
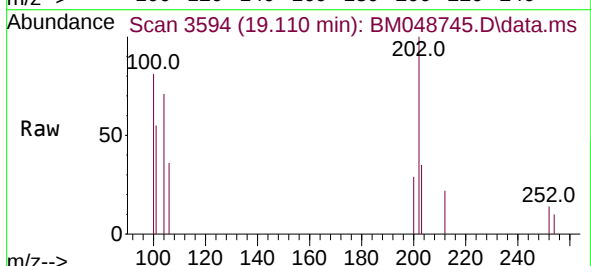
RT: 19.110 min Scan# 3594

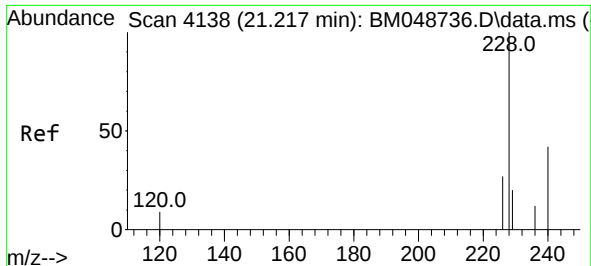
Delta R.T. 0.009 min

Lab File: BM048745.D

Acq: 16 Nov 2024 17:04

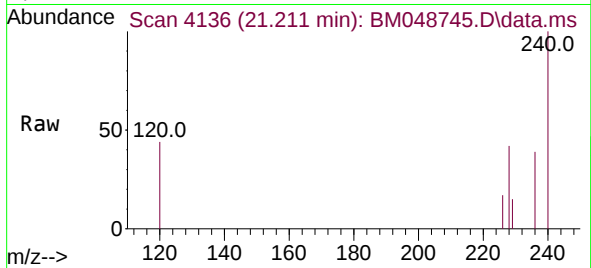
Tgt Ion:	202	Resp:	1351
Ion Ratio	Lower	Upper	
202	100		
101	54.9	10.2	15.4
100	80.8	7.3	10.9





#21
Benzo(a)anthracene
Concen: 0.040 ng/ul
RT: 21.211 min Scan# 4138
Delta R.T. -0.006 min
Lab File: BM048745.D
Acq: 16 Nov 2024 17:04

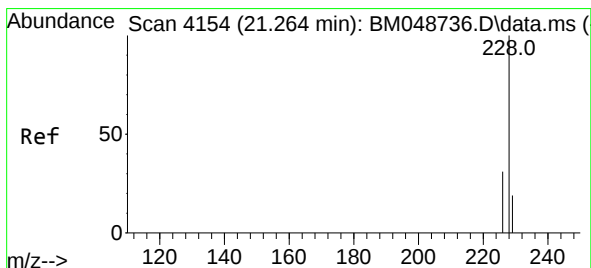
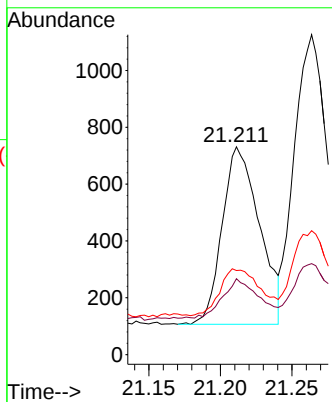
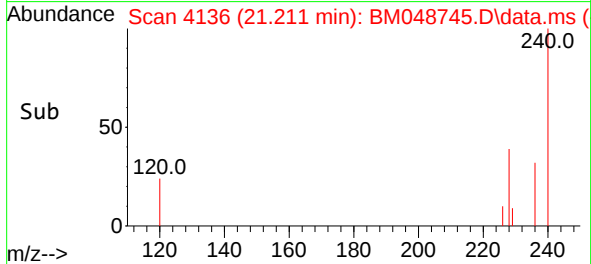
Instrument :
BNA_M
ClientSampleId :
A0AQ5



Tgt Ion:228 Resp: 113
Ion Ratio Lower Upper
228 100
229 36.5 16.2 24.2
226 40.5 22.1 33.1

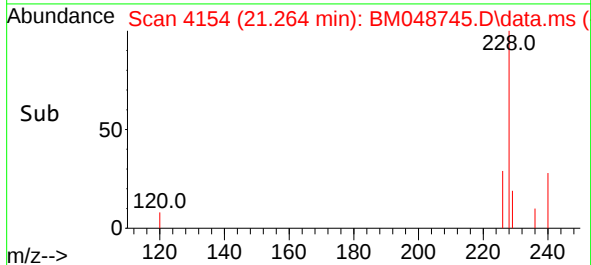
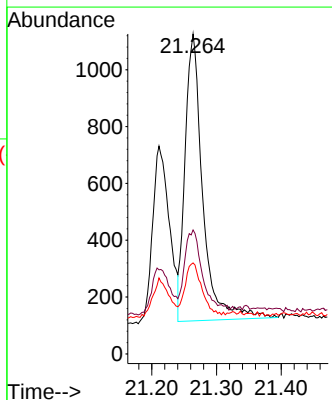
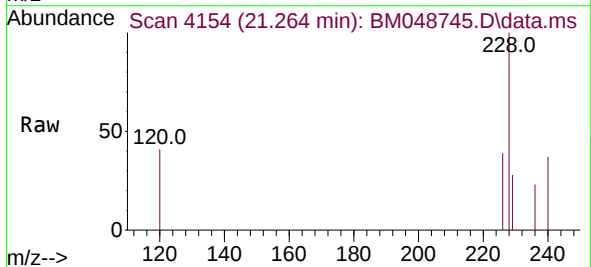
Manual Integrations
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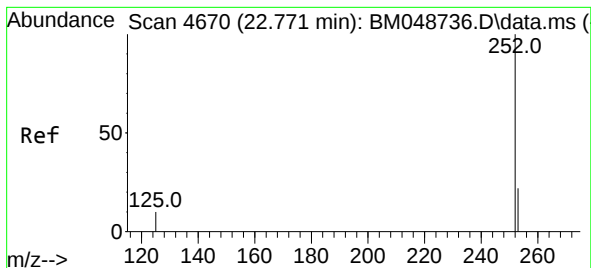
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#22
Chrysene
Concen: 0.056 ng/ul
RT: 21.264 min Scan# 4154
Delta R.T. 0.000 min
Lab File: BM048745.D
Acq: 16 Nov 2024 17:04

Tgt Ion:228 Resp: 1913
Ion Ratio Lower Upper
228 100
226 38.7 24.4 36.6#
229 28.4 16.5 24.7#





#24

Benzo(b)fluoranthene

Concen: 0.061 ng/ul

RT: 22.760 min Scan# 4666

Delta R.T. -0.012 min

Lab File: BM048745.D

Acq: 16 Nov 2024 17:04

Instrument :

BNM

ClientSampleId :

A0AQ5

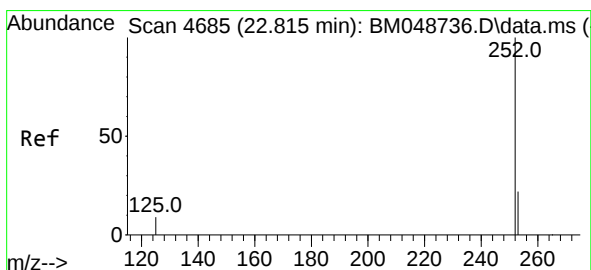
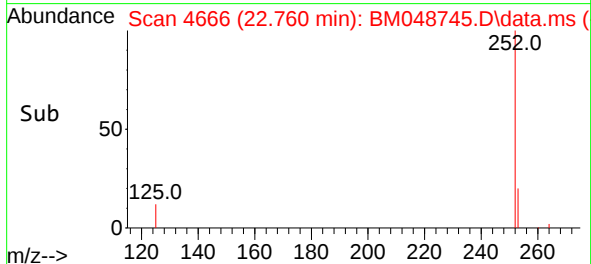
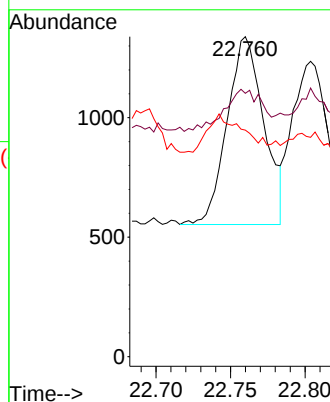
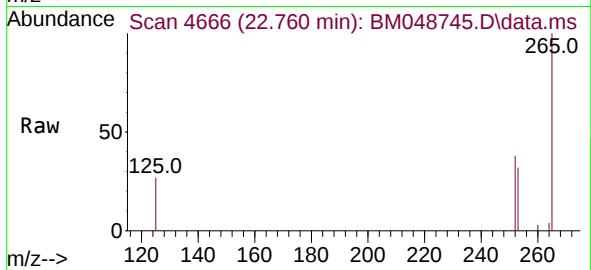
Tgt Ion:252 Resp: 1350
Ion Ratio Lower Upper
252 100
253 82.3 0.0 61.6
125 70.8 0.0 43.2

Manual Integrations

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Supervised By :mohammad ahmed 11/19/2024



#25

Benzo(k)fluoranthene

Concen: 0.047 ng/ul

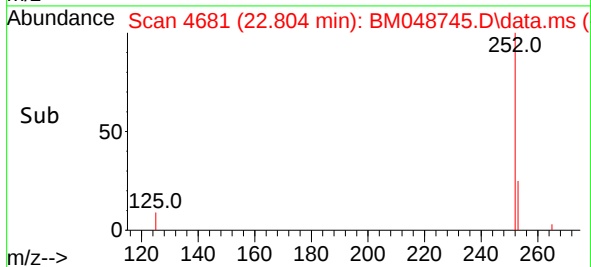
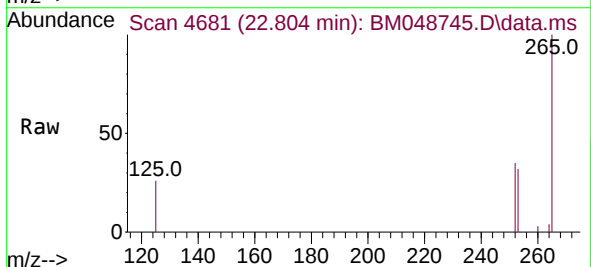
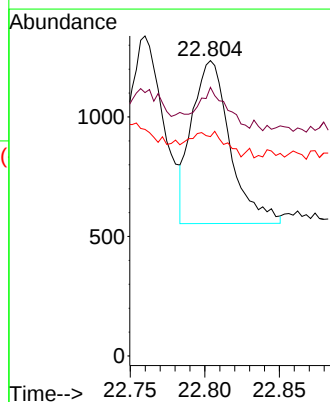
RT: 22.804 min Scan# 4681

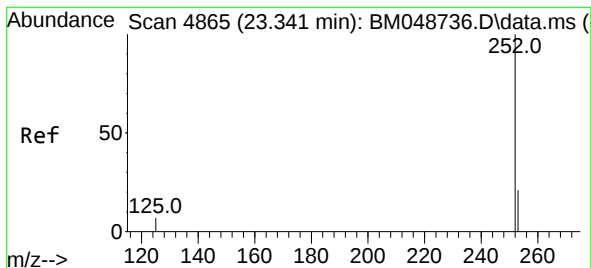
Delta R.T. -0.012 min

Lab File: BM048745.D

Acq: 16 Nov 2024 17:04

Tgt Ion:252 Resp: 1214
Ion Ratio Lower Upper
252 100
253 90.9 25.0 37.4#
125 74.3 17.4 26.0#





#26

Benzo(a)pyrene

Concen: 0.035 ng/ul

RT: 23.318 min Scan# 4857

Delta R.T. -0.023 min

Lab File: BM048745.D

Acq: 16 Nov 2024 17:04

Instrument :

BNM

ClientSampleId :

A0AQ5

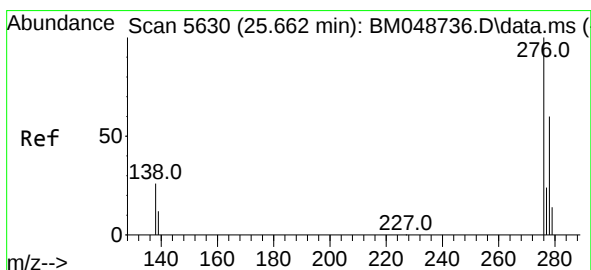
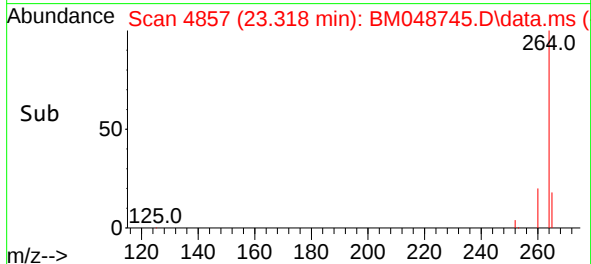
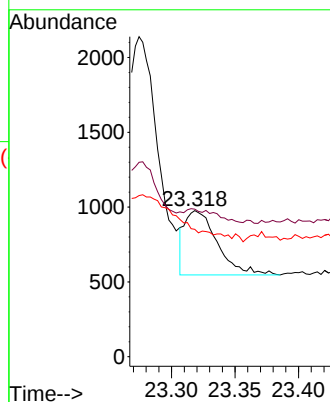
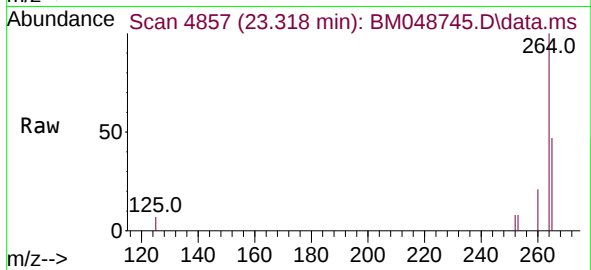
Tgt Ion:	252	Resp:	762
Ion Ratio	Lower	Upper	
252	100		
253	100.9	29.6	44.4
125	87.1	23.9	35.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.035 ng/ul

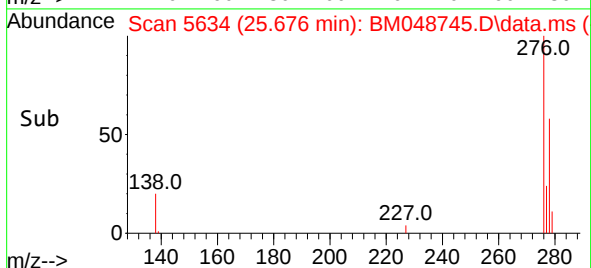
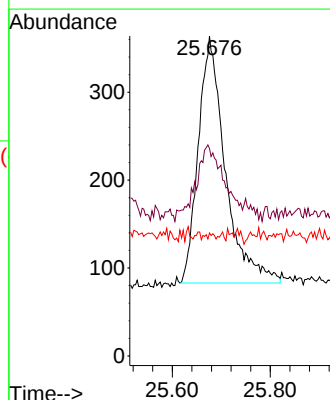
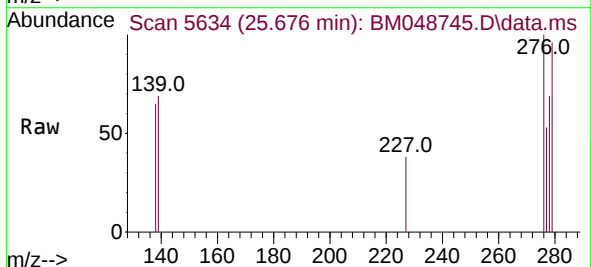
RT: 25.676 min Scan# 5634

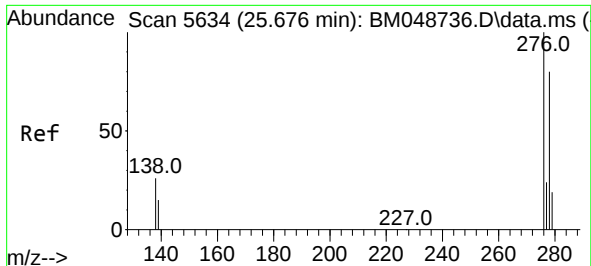
Delta R.T. 0.014 min

Lab File: BM048745.D

Acq: 16 Nov 2024 17:04

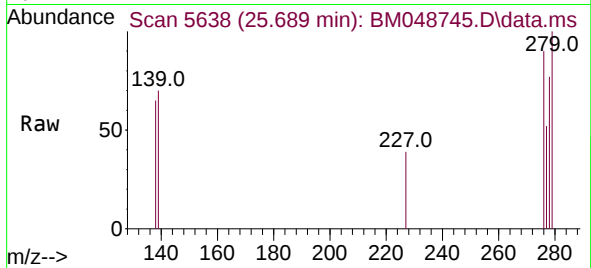
Tgt Ion:	276	Resp:	1071
Ion Ratio	Lower	Upper	
276	100		
138	32.6	20.1	30.1
227	0.5	0.1	0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.032 ng/ul
RT: 25.689 min Scan# 5638
Delta R.T. 0.014 min
Lab File: BM048745.D
Acq: 16 Nov 2024 17:04

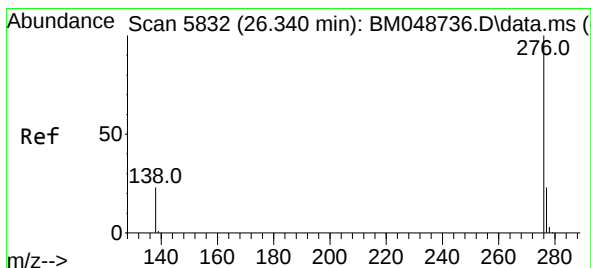
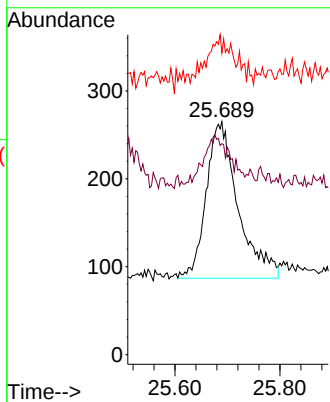
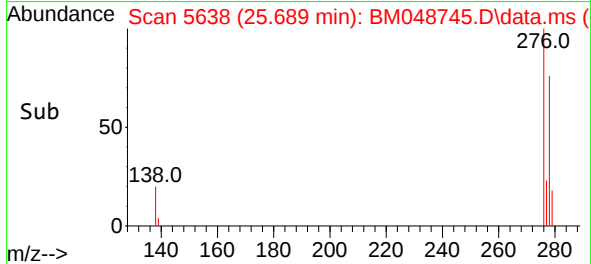
Instrument :
BNA_M
ClientSampleId :
A0AQ5



Tgt Ion:278 Resp: 750
Ion Ratio Lower Upper
278 100
139 90.6 17.8 26.8#
279 129.4 26.6 39.8#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#29
Benzo(g,h,i)perylene
Concen: 0.037 ng/ul
RT: 26.350 min Scan# 5835
Delta R.T. 0.010 min
Lab File: BM048745.D
Acq: 16 Nov 2024 17:04

Tgt Ion:276 Resp: 940
Ion Ratio Lower Upper
276 100
138 66.8 21.0 31.6#
277 57.9 20.5 30.7#

