

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
 Data File : BM049017.D
 Acq On : 17 Dec 2024 12:15
 Operator : RC/JU
 Sample : P5155-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28T7

Manual Integrations
 APPROVED

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

Quant Time: Dec 17 12:46:57 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	9252	0.400	ng/ul	0.00
4) Naphthalene-d8	10.336	136	28356	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.205	164	14834	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	28448m	0.400	ng/ul	0.00
17) Chrysene-d12	21.146	240	19621m	0.400	ng/ul	0.00
23) Perylene-d12	23.306	264	17358m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	32009	2.960	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	7428	0.205	ng/ul	0.00
18) Fluoranthene-d10	18.982	212	11707m	0.200	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.385	128	4726	0.065	ng/ul#	93
7) 2-Methylnaphthalene	12.008	142	2148	0.048	ng/ul	99
8) 1-Methylnaphthalene	12.227	142	1375	0.030	ng/ul	93
10) Acenaphthylene	13.922	152	4145	0.066	ng/ul#	93
12) Fluorene	15.259	166	1203	0.023	ng/ul#	87
15) Phenanthrene	16.992	178	24355m	0.312	ng/ul	
16) Anthracene	17.081	178	7471m	0.107	ng/ul	
19) Fluoranthene	19.015	202	62283m	0.765	ng/ul	
20) Pyrene	19.377	202	55105m	0.628	ng/ul	
21) Benzo(a)anthracene	21.129	228	30525m	0.442	ng/ul	
22) Chrysene	21.181	228	34058m	0.436	ng/ul	
24) Benzo(b)fluoranthene	22.666	252	43865m	0.731	ng/ul	
25) Benzo(k)fluoranthene	22.704	252	15791m	0.228	ng/ul	
26) Benzo(a)pyrene	23.212	252	29454m	0.531	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.444	276	22103m	0.284	ng/ul	
28) Dibenzo(a,h)anthracene	25.454	278	5188m	0.086	ng/ul	
29) Benzo(g,h,i)perylene	26.098	276	23071m	0.368	ng/ul	

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

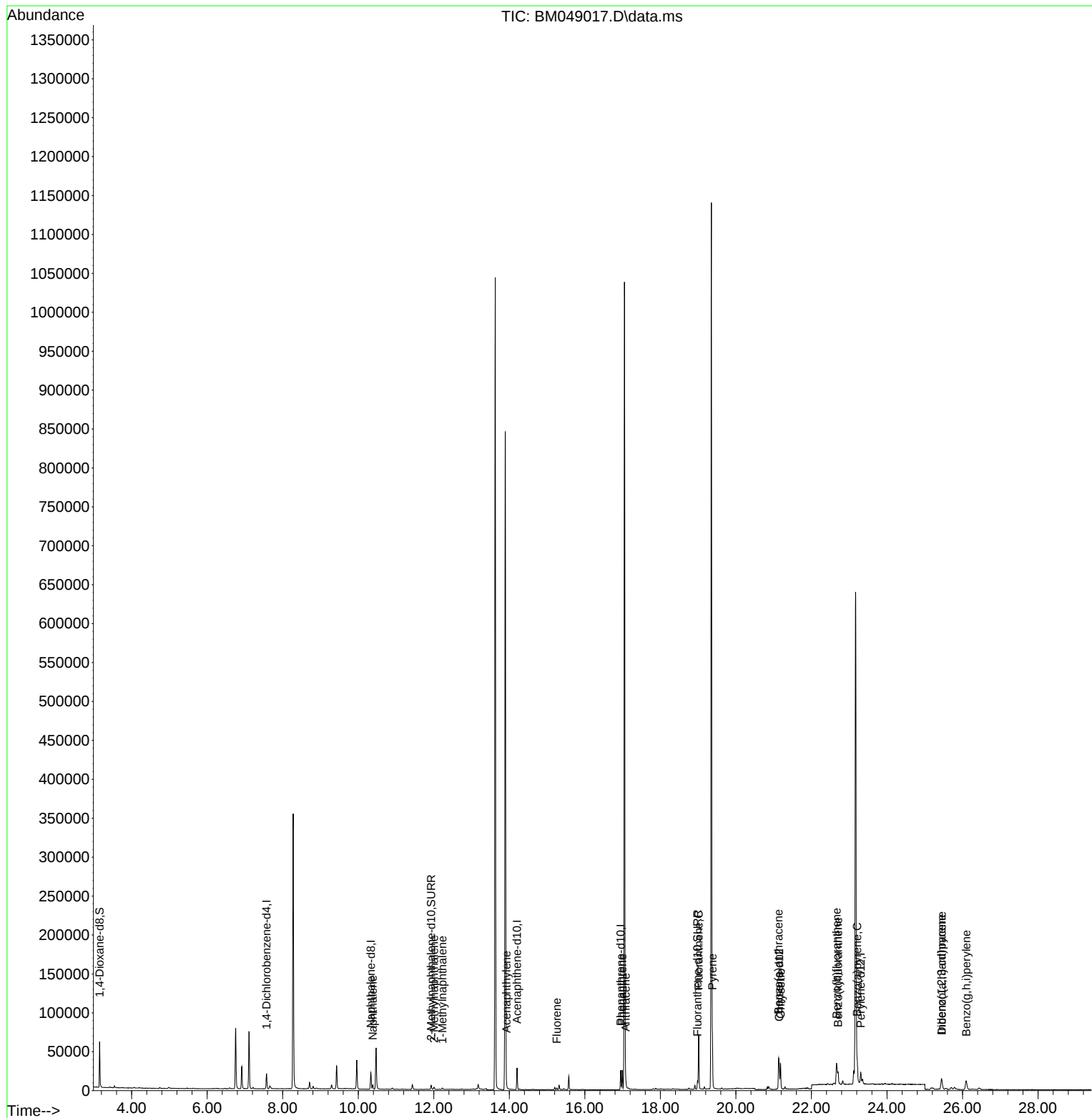
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
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ALS Vial : 7 Sample Multiplier: 1

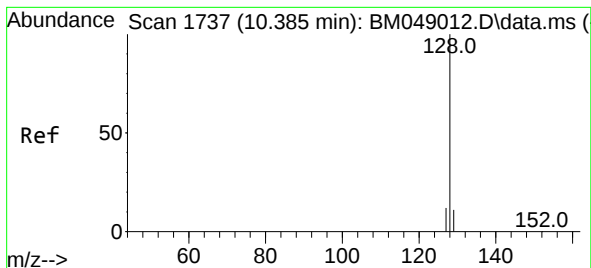
Instrument :
BNA_M
ClientSampleId :
E28T7

Quant Time: Dec 17 12:46:57 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
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Supervised By :mohammad ahmed 12/18/2024





#5

Naphthalene

Concen: 0.065 ng/ul

RT: 10.385 min Scan# 1737

Delta R.T. -0.000 min

Lab File: BM049017.D

Acq: 17 Dec 2024 12:15

Instrument :

BNA_M

ClientSampleId :

E28T7

Tgt Ion:128 Resp: 4720

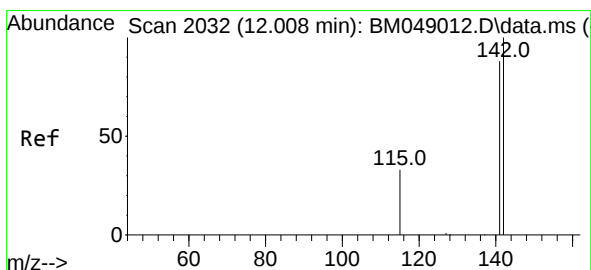
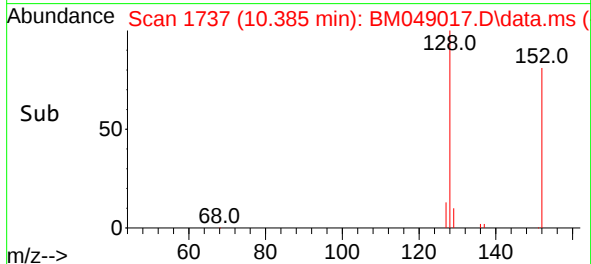
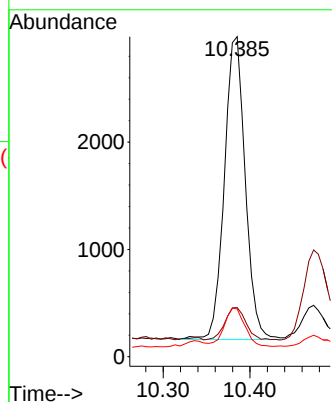
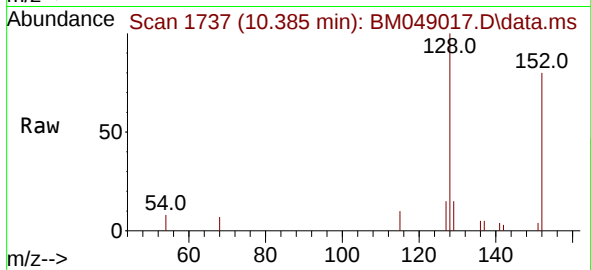
Ion	Ratio	Lower	Upper
128	100		
129	15.4	9.4	14.2
127	15.0	10.6	16.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#7

2-Methylnaphthalene

Concen: 0.048 ng/ul

RT: 12.008 min Scan# 2032

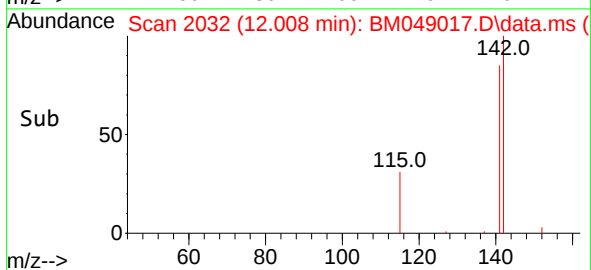
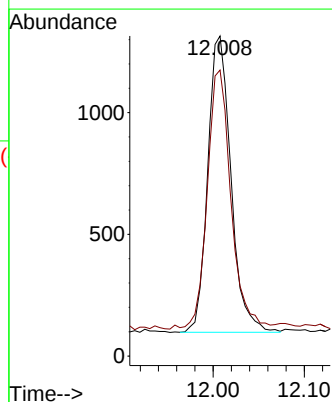
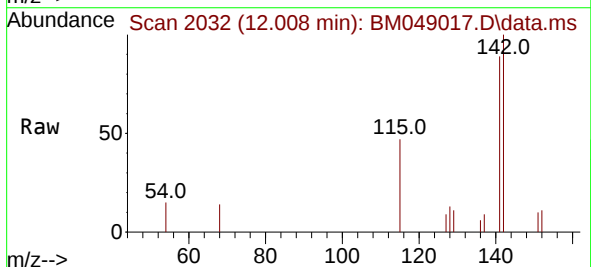
Delta R.T. -0.000 min

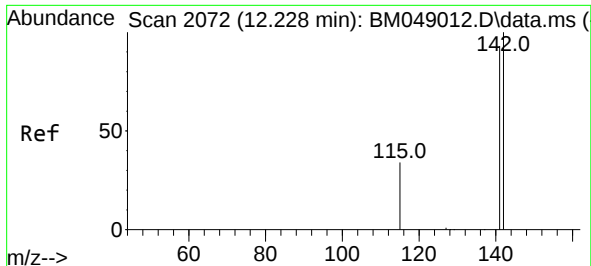
Lab File: BM049017.D

Acq: 17 Dec 2024 12:15

Tgt Ion:142 Resp: 2148

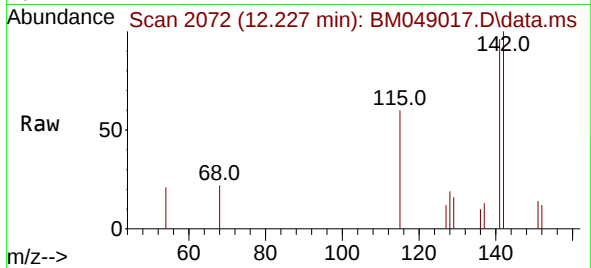
Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.2	106.8





#8
1-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.227 min Scan# 2072
Delta R.T. -0.000 min
Lab File: BM049017.D
Acq: 17 Dec 2024 12:15

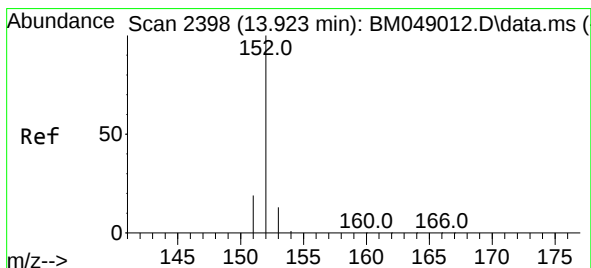
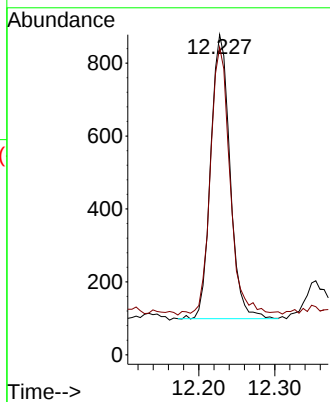
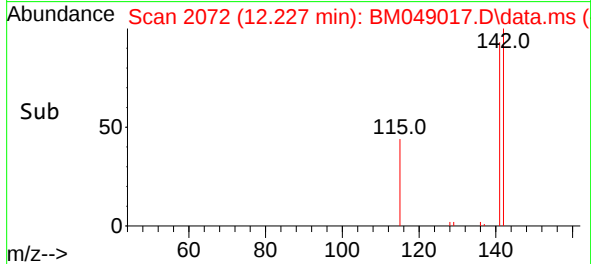
Instrument :
BNA_M
ClientSampleId :
E28T7



Tgt Ion:142 Resp: 1375
Ion Ratio Lower Upper
142 100
141 97.2 72.8 109.2

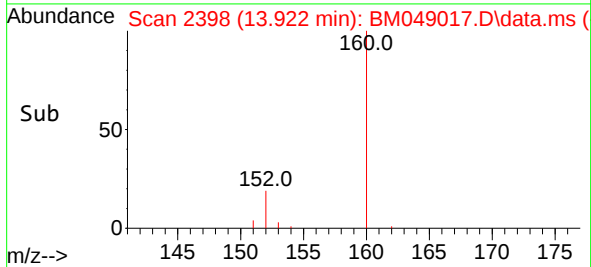
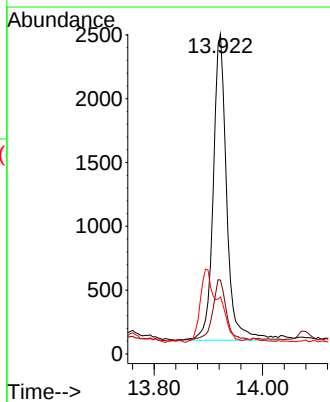
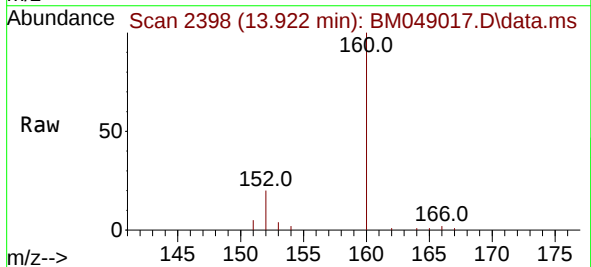
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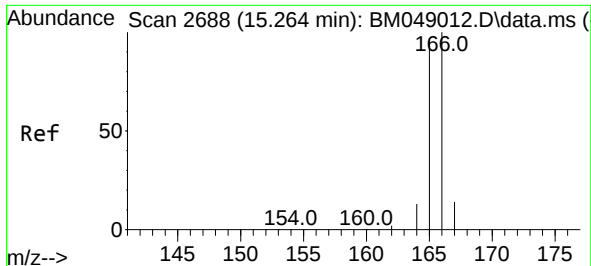
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#10
Acenaphthylene
Concen: 0.066 ng/ul
RT: 13.922 min Scan# 2398
Delta R.T. -0.000 min
Lab File: BM049017.D
Acq: 17 Dec 2024 12:15

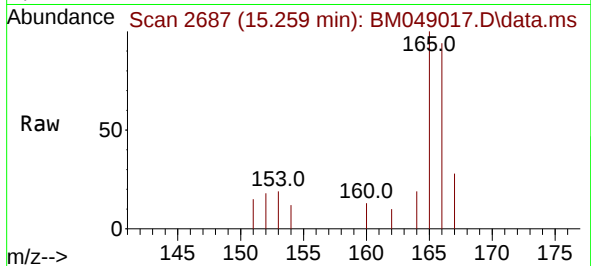
Tgt Ion:152 Resp: 4145
Ion Ratio Lower Upper
152 100
151 23.1 16.3 24.5
153 17.8 11.2 16.8#





#12
Fluorene
Concen: 0.023 ng/ul
RT: 15.259 min Scan# 2687
Delta R.T. -0.005 min
Lab File: BM049017.D
Acq: 17 Dec 2024 12:15

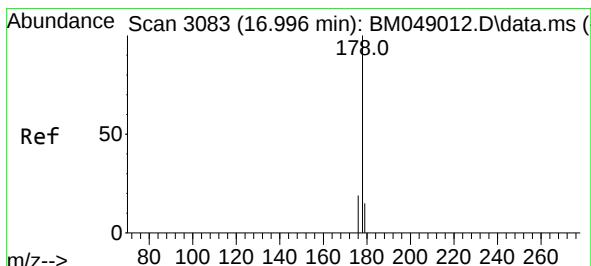
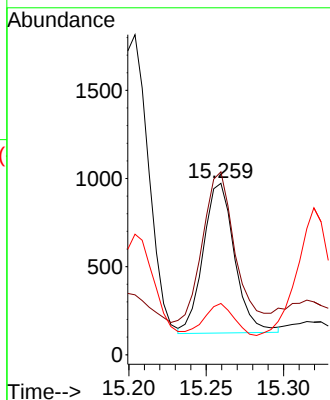
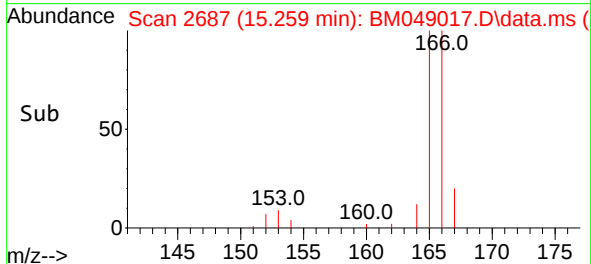
Instrument :
BNA_M
ClientSampleId :
E28T7



Tgt Ion:166 Resp: 1200
Ion Ratio Lower Upper
166 100
165 106.7 78.1 117.1
167 29.9 11.6 17.4

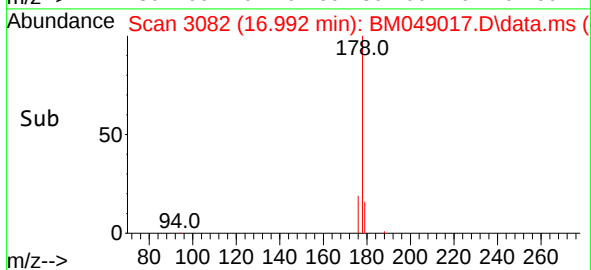
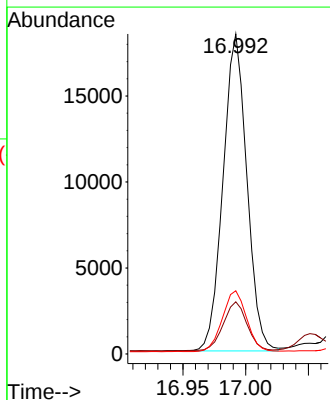
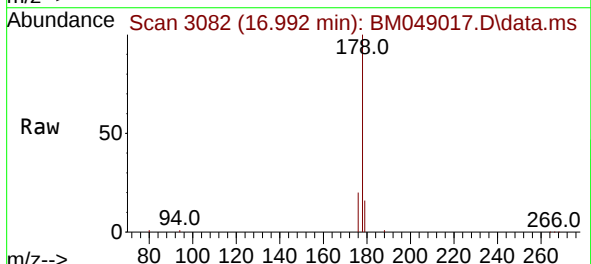
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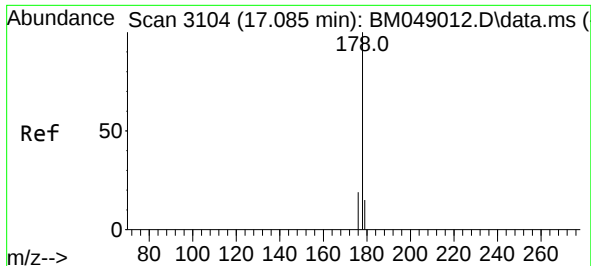
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#15
Phenanthrene
Concen: 0.312 ng/ul m
RT: 16.992 min Scan# 3082
Delta R.T. -0.004 min
Lab File: BM049017.D
Acq: 17 Dec 2024 12:15

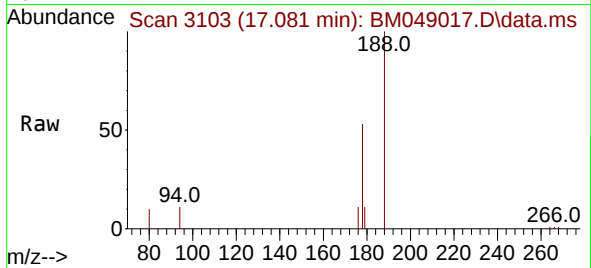
Tgt Ion:178 Resp: 24355
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.6
176 19.8 15.8 23.8





#16
 Anthracene
 Concen: 0.107 ng/ul m
 RT: 17.081 min Scan# 3104
 Delta R.T. -0.004 min
 Lab File: BM049017.D
 Acq: 17 Dec 2024 12:15

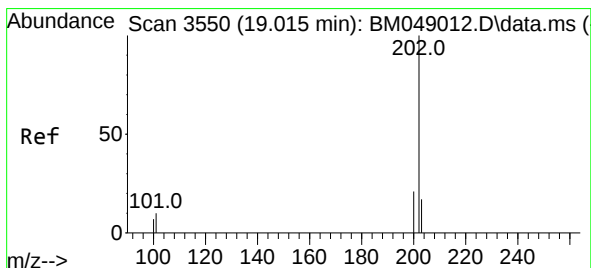
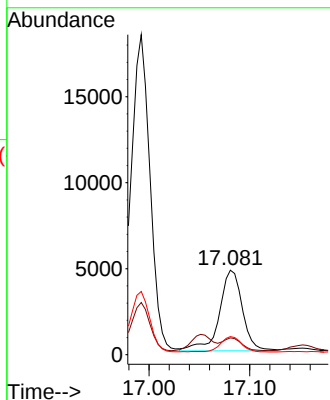
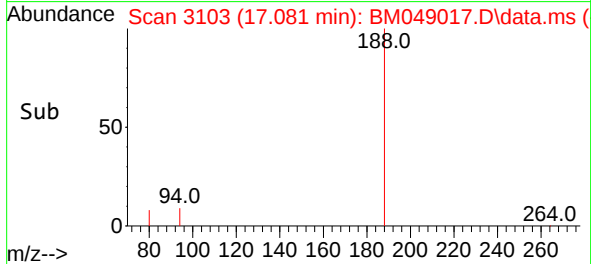
Instrument :
 BNA_M
 ClientSampleId :
 E28T7



Tgt Ion:178 Resp: 747
 Ion Ratio Lower Upper
 178 100
 179 19.9 13.0 19.4#
 176 21.5 15.0 22.6#

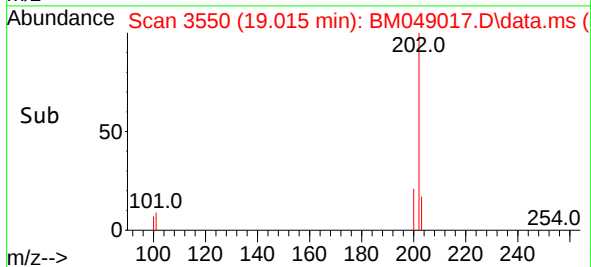
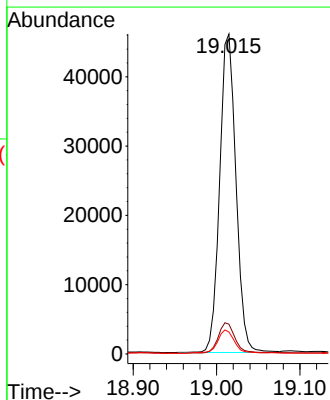
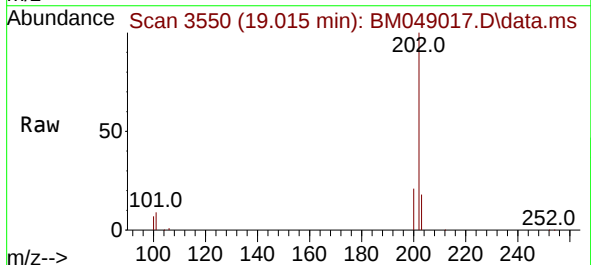
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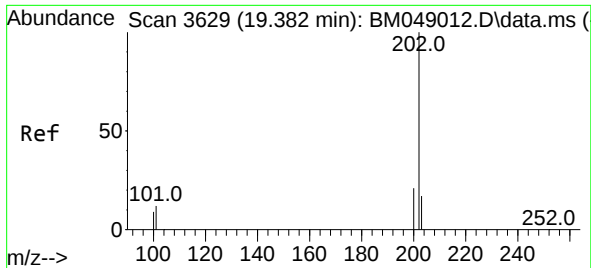
Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/18/2024



#19
 Fluoranthene
 Concen: 0.765 ng/ul m
 RT: 19.015 min Scan# 3550
 Delta R.T. -0.000 min
 Lab File: BM049017.D
 Acq: 17 Dec 2024 12:15

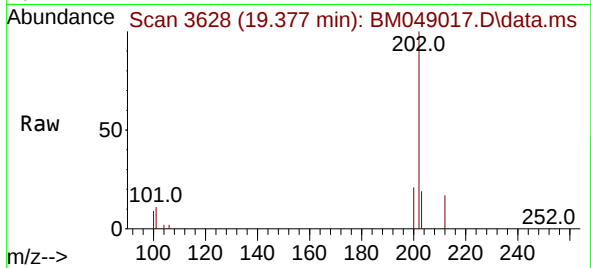
Tgt Ion:202 Resp: 62283
 Ion Ratio Lower Upper
 202 100
 101 9.3 9.7 14.5#
 100 6.9 7.3 10.9#





#20
Pyrene
Concen: 0.628 ng/ul m
RT: 19.377 min Scan# 3628
Delta R.T. -0.005 min
Lab File: BM049017.D
Acq: 17 Dec 2024 12:15

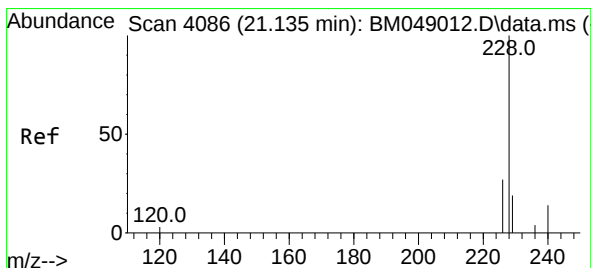
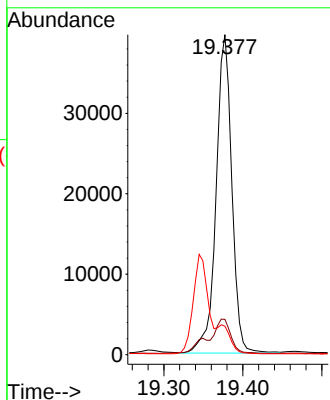
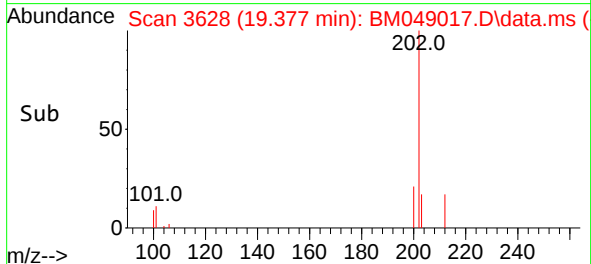
Instrument :
BNA_M
ClientSampleId :
E28T7



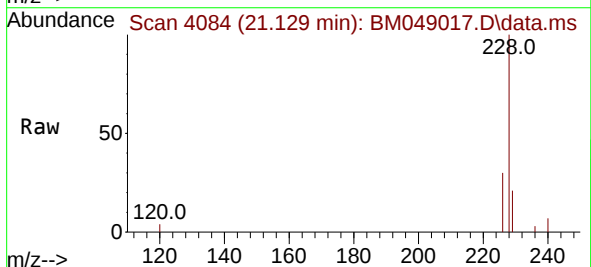
Tgt Ion:202 Resp: 5510
Ion Ratio Lower Upper
202 100
101 11.1 10.6 16.0
100 8.9 8.4 12.6

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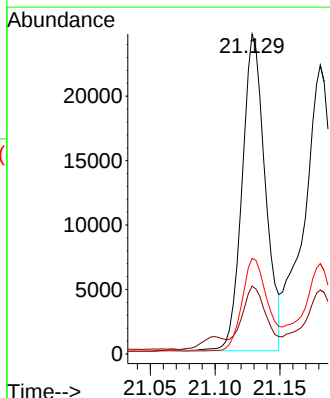
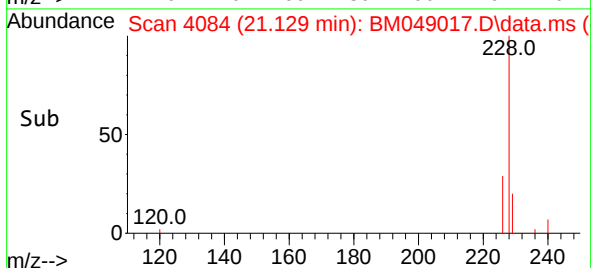
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

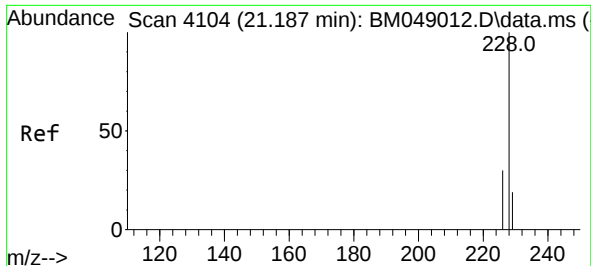


#21
Benzo(a)anthracene
Concen: 0.442 ng/ul m
RT: 21.129 min Scan# 4084
Delta R.T. -0.006 min
Lab File: BM049017.D
Acq: 17 Dec 2024 12:15



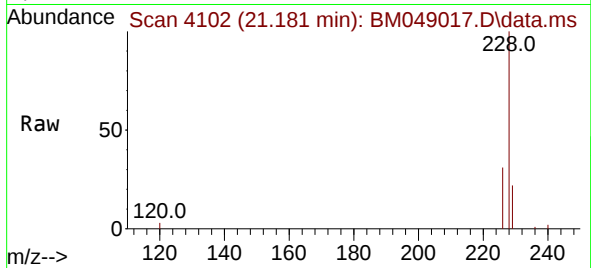
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Ion Ratio Lower Upper
228 100
229 21.2 15.7 23.5
226 29.9 23.0 34.4





#22
Chrysene
Concen: 0.436 ng/ul m
RT: 21.181 min Scan# 4102
Delta R.T. -0.006 min
Lab File: BM049017.D
Acq: 17 Dec 2024 12:15

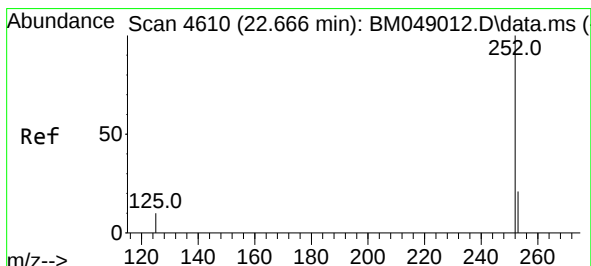
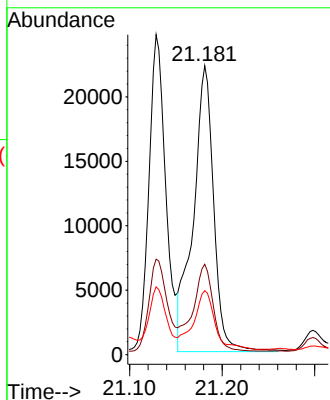
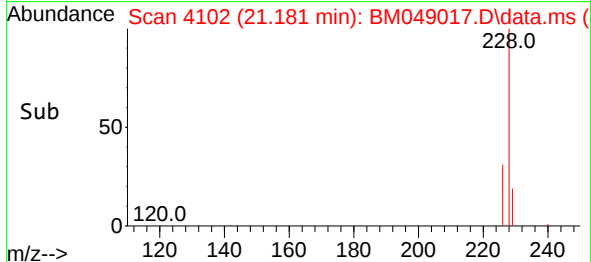
Instrument :
BNA_M
ClientSampleId :
E28T7



Tgt Ion:228 Resp: 34058
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 22.1 16.0 24.0

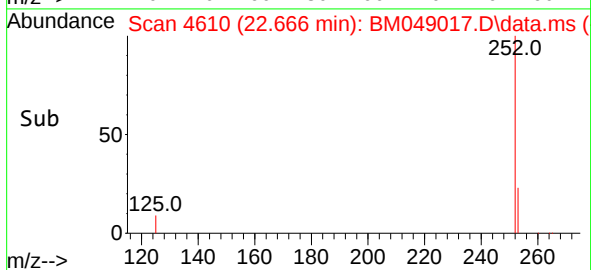
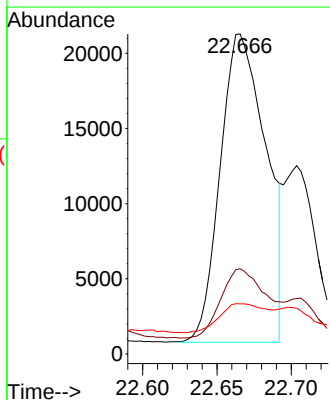
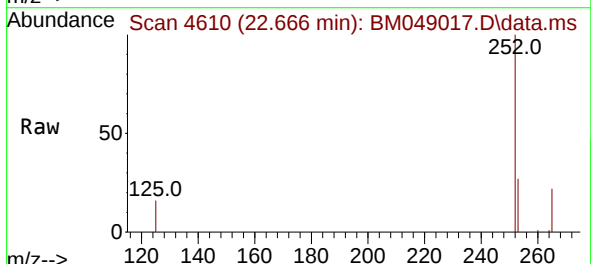
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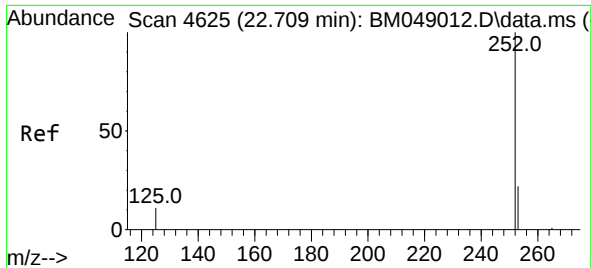
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#24
Benzo(b)fluoranthene
Concen: 0.731 ng/ul m
RT: 22.666 min Scan# 4610
Delta R.T. -0.000 min
Lab File: BM049017.D
Acq: 17 Dec 2024 12:15

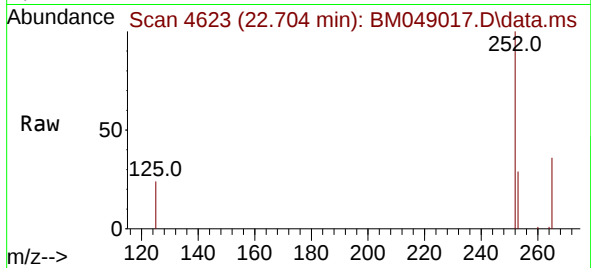
Tgt Ion:252 Resp: 43865
Ion Ratio Lower Upper
252 100
253 26.6 0.0 51.0
125 15.7 0.0 36.6





#25
Benzo(k)fluoranthene
Concen: 0.228 ng/ul m
RT: 22.704 min Scan# 4625
Delta R.T. -0.006 min
Lab File: BM049017.D
Acq: 17 Dec 2024 12:15

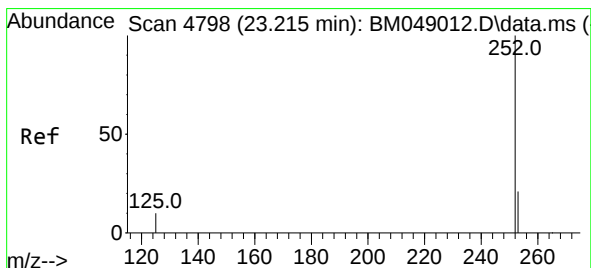
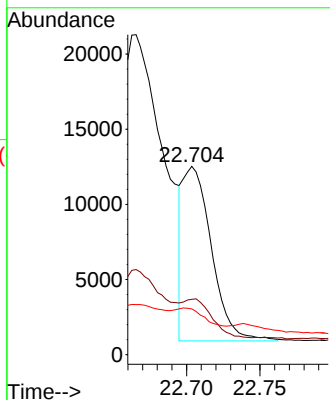
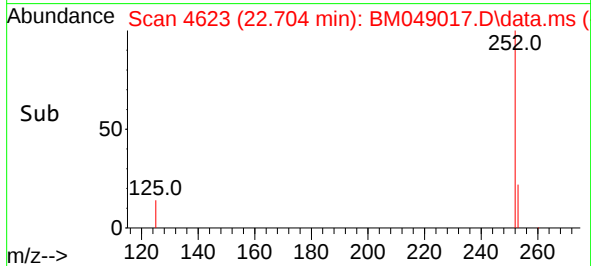
Instrument :
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ClientSampleId :
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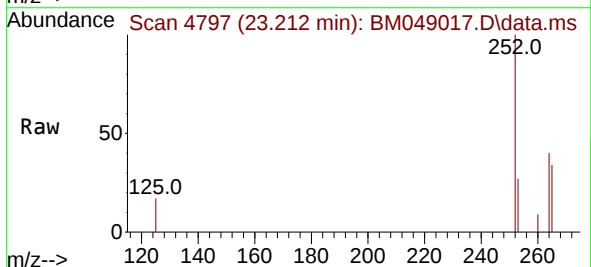
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Ion Ratio Lower Upper
252 100
253 29.4 20.5 30.7
125 24.3 17.3 25.9

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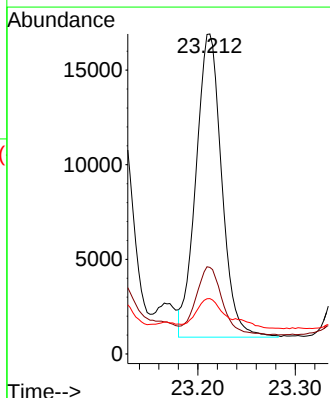
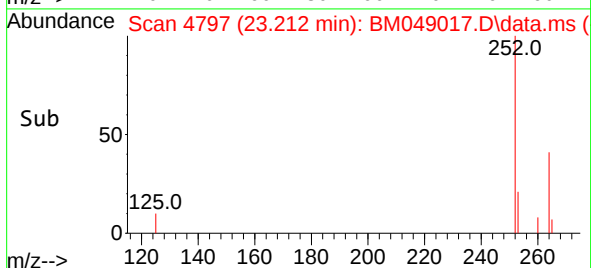
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

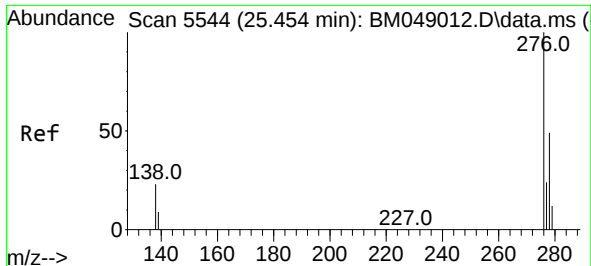


#26
Benzo(a)pyrene
Concen: 0.531 ng/ul m
RT: 23.212 min Scan# 4797
Delta R.T. -0.003 min
Lab File: BM049017.D
Acq: 17 Dec 2024 12:15



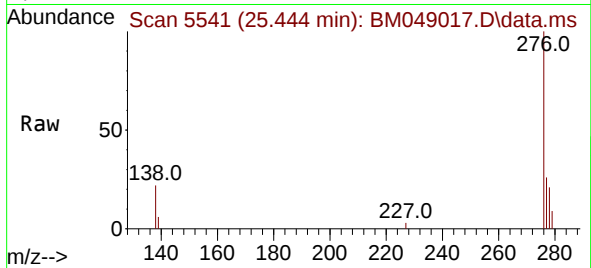
Tgt Ion:252 Resp: 29454
Ion Ratio Lower Upper
252 100
253 27.0 21.8 32.8
125 17.3 18.6 27.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.284 ng/ul m
RT: 25.444 min Scan# 5541
Delta R.T. -0.010 min
Lab File: BM049017.D
Acq: 17 Dec 2024 12:15

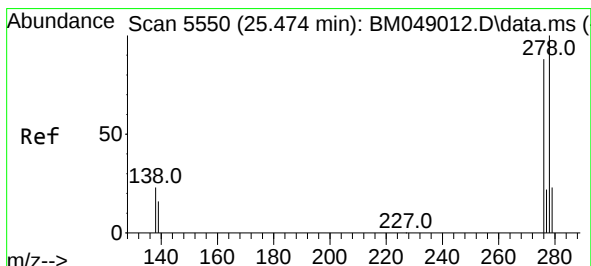
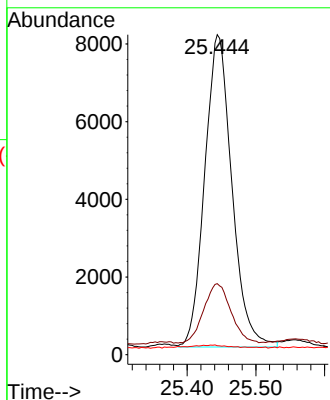
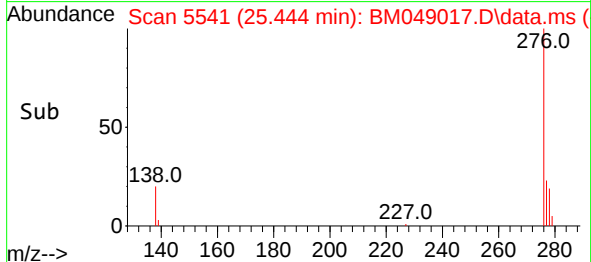
Instrument :
BNA_M
ClientSampleId :
E28T7



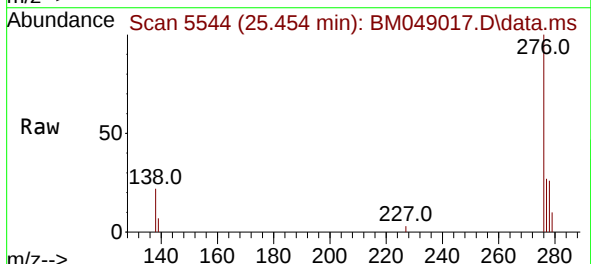
Tgt Ion: 276 Resp: 2210
Ion Ratio Lower Upper
276 100
138 2.4 22.1 33.1#
227 0.1 0.2 0.2#

Manual Integrations
APPROVED

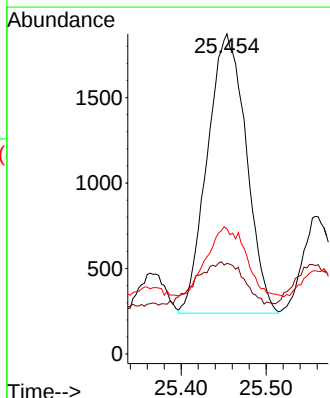
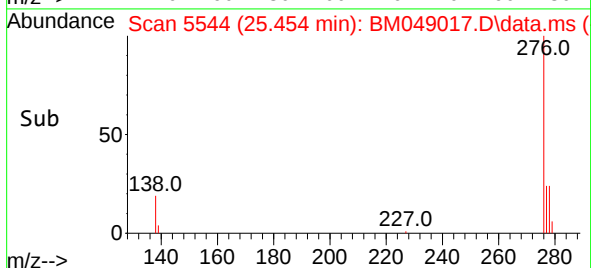
Reviewed By :Yogesh Patel 12/18/2024
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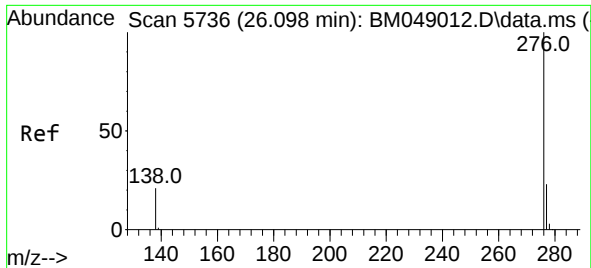


#28
Dibenzo(a,h)anthracene
Concen: 0.086 ng/ul m
RT: 25.454 min Scan# 5544
Delta R.T. -0.020 min
Lab File: BM049017.D
Acq: 17 Dec 2024 12:15



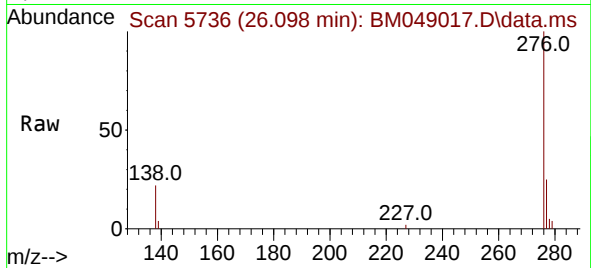
Tgt Ion: 278 Resp: 5188
Ion Ratio Lower Upper
278 100
139 28.3 17.4 26.0#
279 39.0 21.1 31.7#





#29
Benzo(g,h,i)perylene
Concen: 0.368 ng/ul m
RT: 26.098 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM049017.D
Acq: 17 Dec 2024 12:15

Instrument :
BNA_M
ClientSampleId :
E28T7



Tgt Ion:	276	Resp:	2307
Ion Ratio	Lower	Upper	
276	100		
138	21.9	19.8	29.6
277	25.3	19.6	29.4

Manual Integrations
APPROVED

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

