

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046922.D
 Acq On : 30 Jul 2024 16:18
 Operator : MA/JU
 Sample : P3336-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E40

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Jul 30 18:31:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 04:18:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.451	152	4140	0.400	ng/ul	0.00
4) Naphthalene-d8	10.204	136	6560	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.098	164	4384	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.853	188	9790m	0.400	ng/ul	0.00
17) Chrysene-d12	21.070	240	6666	0.400	ng/ul	0.00
23) Perylene-d12	23.195	264	5709m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	10147	3.500	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.804	152	4662	0.447	ng/ul	0.00
18) Fluoranthene-d10	18.894	212	9929	0.457	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.253	128	8695	0.524	ng/ul	99
7) 2-Methylnaphthalene	11.881	142	1255	0.110	ng/ul	100
8) 1-Methylnaphthalene	12.107	142	515	0.044	ng/ul	99
10) Acenaphthylene	13.812	152	2167	0.108	ng/ul#	89
11) Acenaphthene	14.159	153	8519	0.625	ng/ul	99
12) Fluorene	15.158	166	7564	0.444	ng/ul	98
15) Phenanthrene	16.895	178	19025	0.676	ng/ul	99
16) Anthracene	16.988	178	9722	0.371	ng/ul	98
19) Fluoranthene	18.927	202	161528	5.517	ng/ul	99
20) Pyrene	19.294	202	135808	4.484	ng/ul	98
21) Benzo(a)anthracene	21.056	228	46702	1.681	ng/ul	100
22) Chrysene	21.105	228	46931	1.663	ng/ul	99
24) Benzo(b)fluoranthene	22.569	252	44712m	1.784	ng/ul	
25) Benzo(k)fluoranthene	22.607	252	14806m	0.586	ng/ul	
26) Benzo(a)pyrene	23.101	252	23823m	1.324	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.286	276	13812	0.499	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.296	278	3341	0.165	ng/ul#	70
29) Benzo(g,h,i)perylene	25.927	276	12786	0.524	ng/ul	98

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

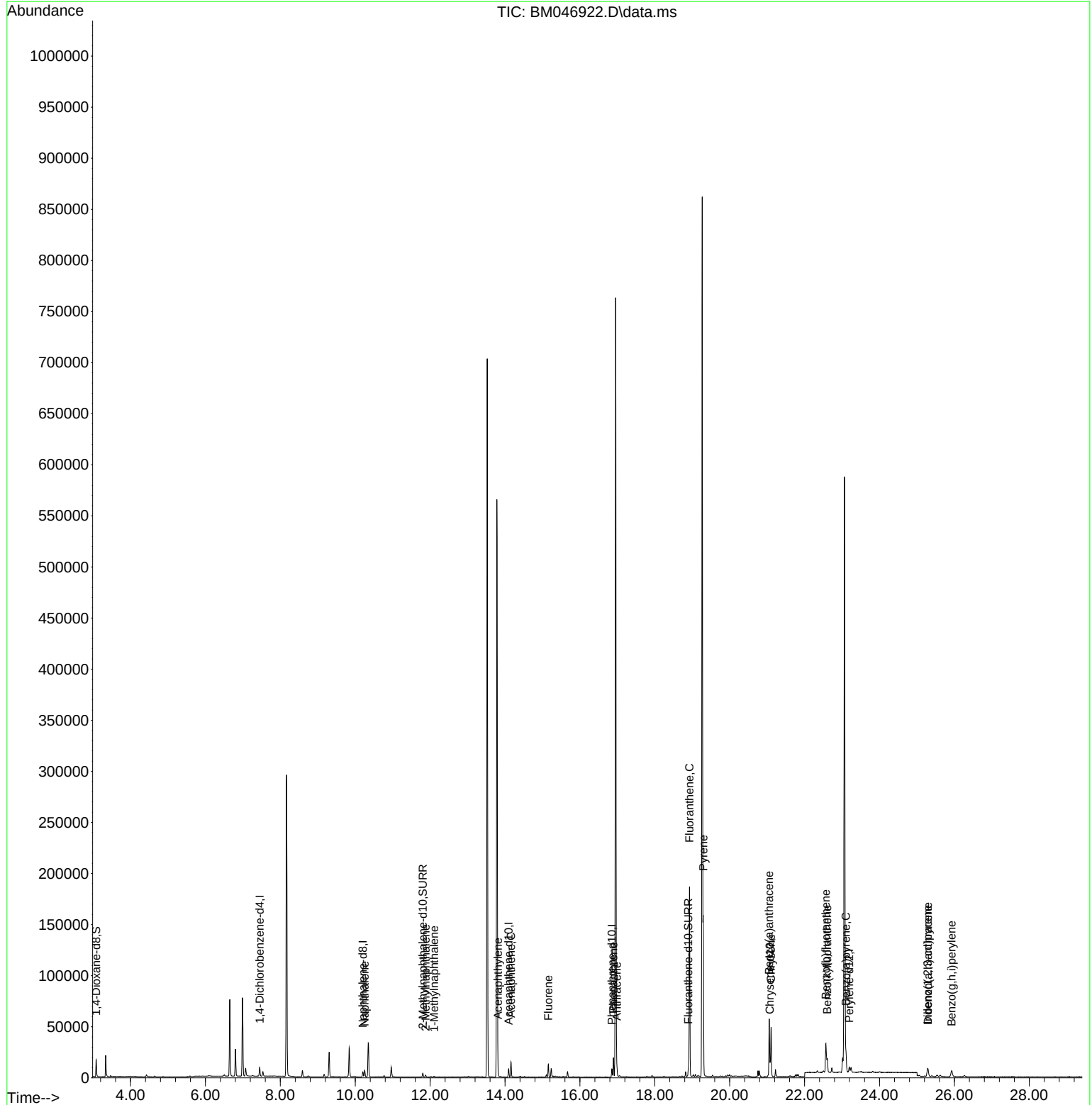
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046922.D
Acq On : 30 Jul 2024 16:18
Operator : MA/JU
Sample : P3336-12
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ALS Vial : 5 Sample Multiplier: 1

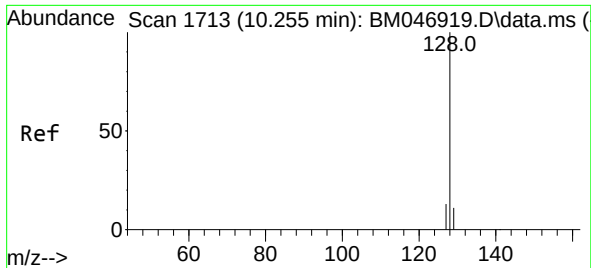
Instrument :
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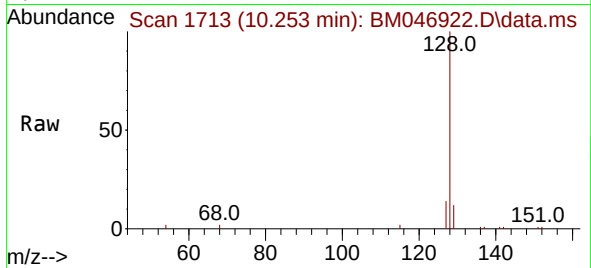
Quant Time: Jul 30 18:31:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 04:18:24 2024
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#5
Naphthalene
Concen: 0.524 ng/ul
RT: 10.253 min Scan# 1713
Delta R.T. -0.007 min
Lab File: BM046922.D
Acq: 30 Jul 2024 16:18

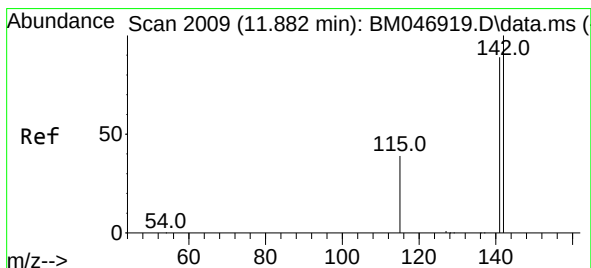
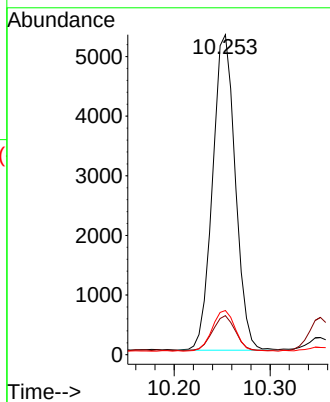
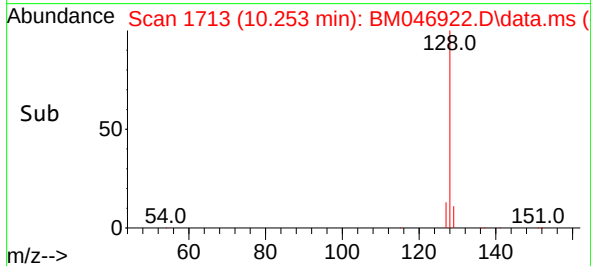
Instrument :
BNA_M
ClientSampleId :
F7E40



Tgt Ion:128 Resp: 869
Ion Ratio Lower Upper
128 100
129 12.2 10.1 15.1
127 13.8 11.5 17.3

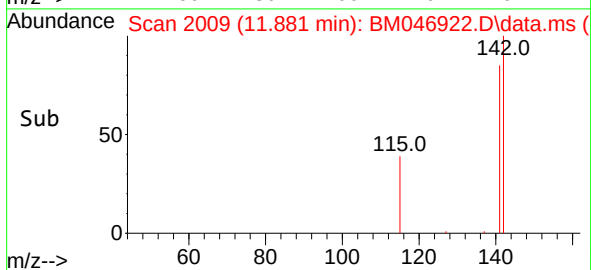
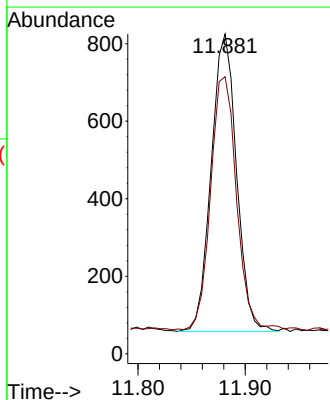
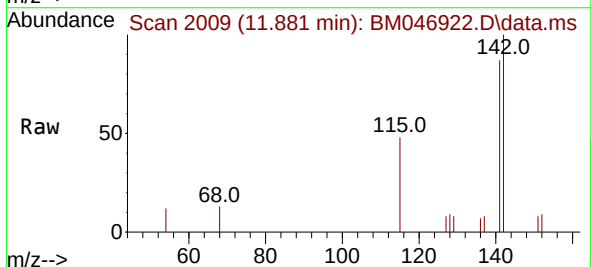
Manual Integrations
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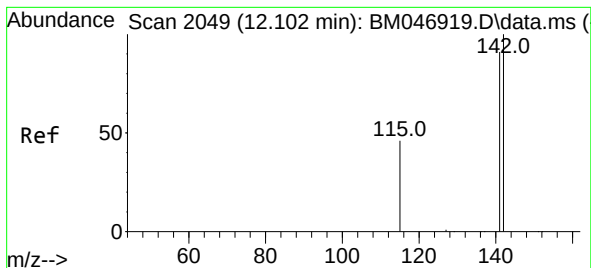
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#7
2-Methylnaphthalene
Concen: 0.110 ng/ul
RT: 11.881 min Scan# 2009
Delta R.T. -0.007 min
Lab File: BM046922.D
Acq: 30 Jul 2024 16:18

Tgt Ion:142 Resp: 1255
Ion Ratio Lower Upper
142 100
141 87.7 70.5 105.7





#8

1-Methylnaphthalene

Concen: 0.044 ng/ul

RT: 12.107 min Scan# 2049

Delta R.T. -0.001 min

Lab File: BM046922.D

Acq: 30 Jul 2024 16:18

Instrument :

BNA_M

ClientSampleId :

F7E40

Tgt Ion:142 Resp: 519

Ion Ratio Lower Upper

142 100

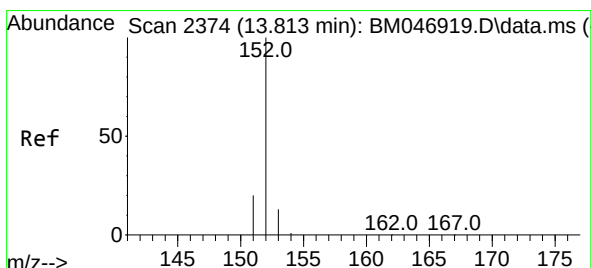
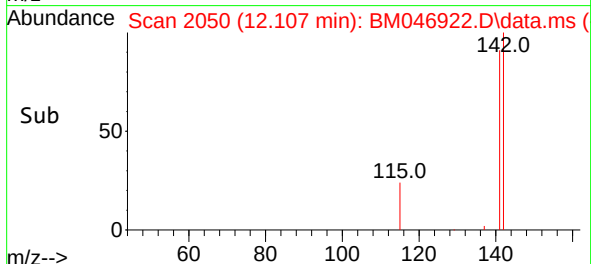
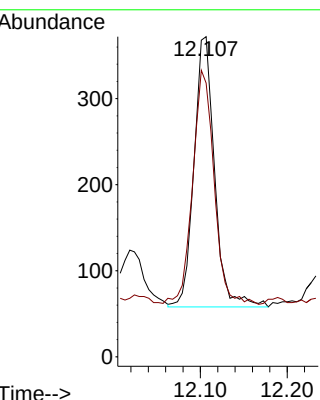
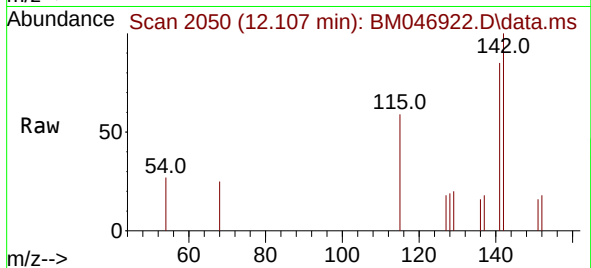
141 90.3 73.1 109.7

Manual Integrations

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#10

Acenaphthylene

Concen: 0.108 ng/ul

RT: 13.812 min Scan# 2374

Delta R.T. -0.006 min

Lab File: BM046922.D

Acq: 30 Jul 2024 16:18

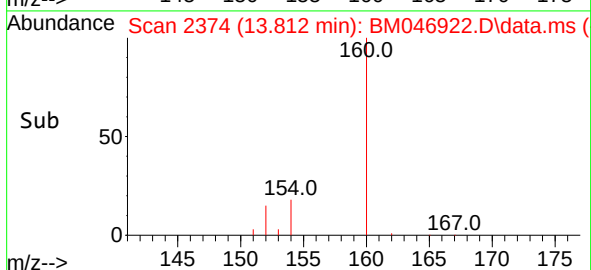
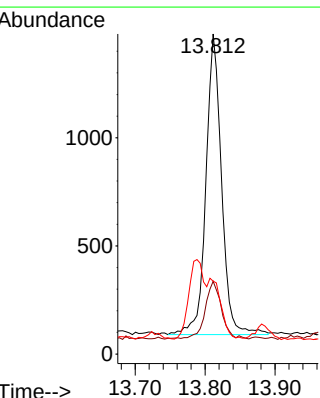
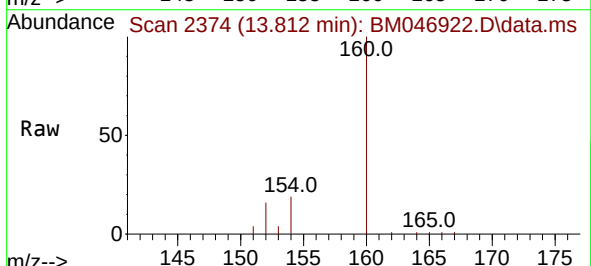
Tgt Ion:152 Resp: 2167

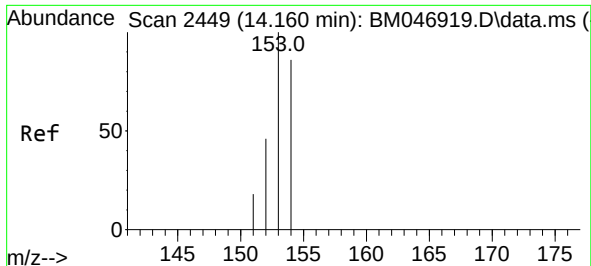
Ion Ratio Lower Upper

152 100

151 22.7 16.8 25.2

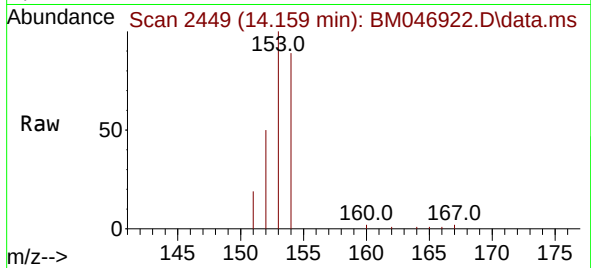
153 22.8 11.0 16.6#





#11
Acenaphthene
Concen: 0.625 ng/ul
RT: 14.159 min Scan# 2449
Delta R.T. -0.006 min
Lab File: BM046922.D
Acq: 30 Jul 2024 16:18

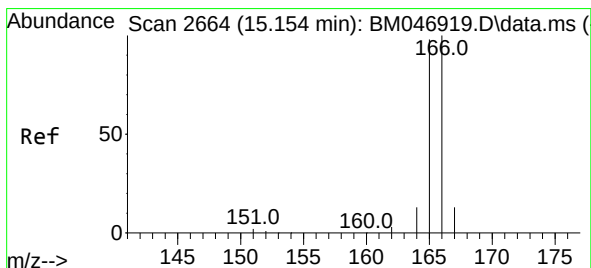
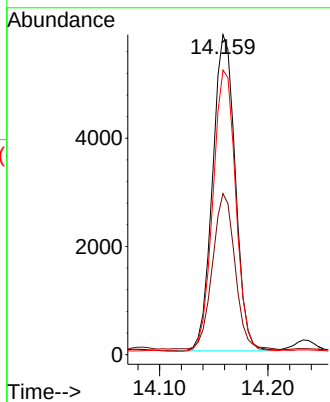
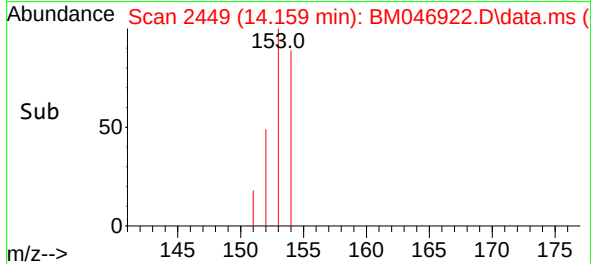
Instrument :
BNA_M
ClientSampleId :
F7E40



Tgt Ion:153 Resp: 8519
Ion Ratio Lower Upper
153 100
152 50.3 38.6 57.8
154 88.9 70.8 106.2

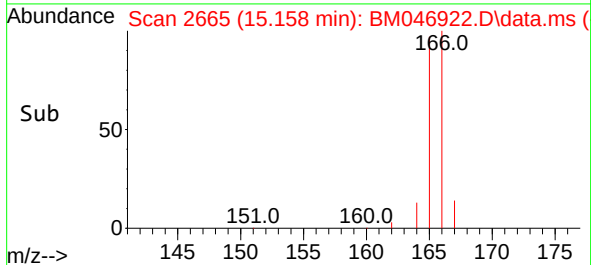
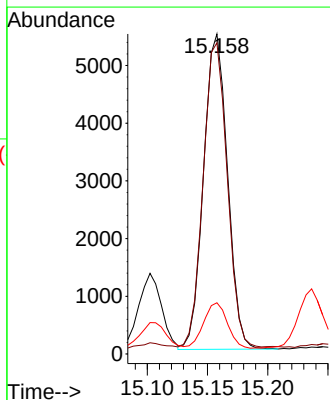
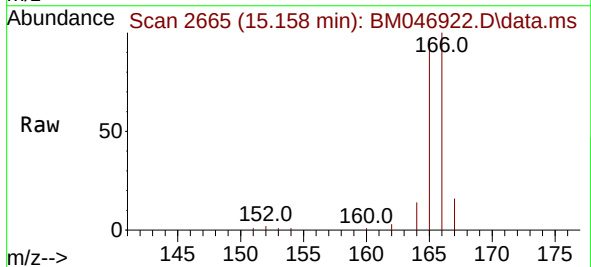
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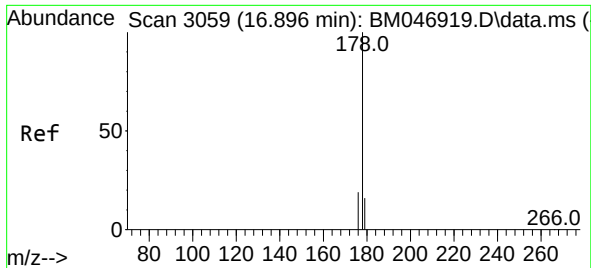
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#12
Fluorene
Concen: 0.444 ng/ul
RT: 15.158 min Scan# 2665
Delta R.T. -0.006 min
Lab File: BM046922.D
Acq: 30 Jul 2024 16:18

Tgt Ion:166 Resp: 7564
Ion Ratio Lower Upper
166 100
165 97.3 79.8 119.6
167 16.0 12.3 18.5





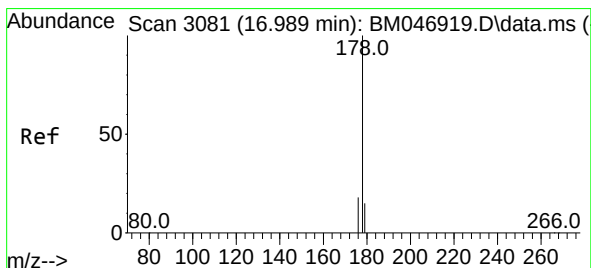
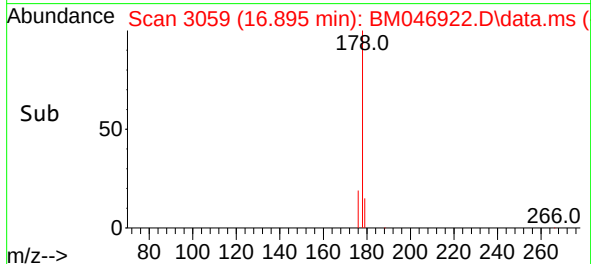
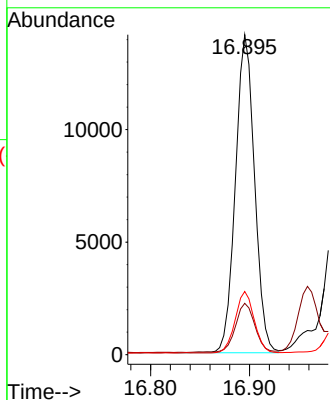
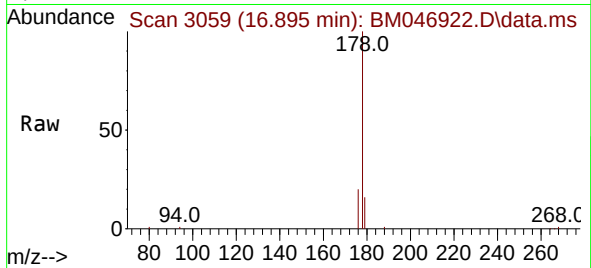
#15
Phenanthrene
Concen: 0.676 ng/u1
RT: 16.895 min Scan# 3059
Delta R.T. -0.005 min
Lab File: BM046922.D
Acq: 30 Jul 2024 16:18

Instrument :
BNA_M
ClientSampleId :
F7E40

Tgt Ion:178 Resp: 19025
Ion Ratio Lower Upper
178 100
179 16.1 13.4 20.2
176 19.8 16.1 24.1

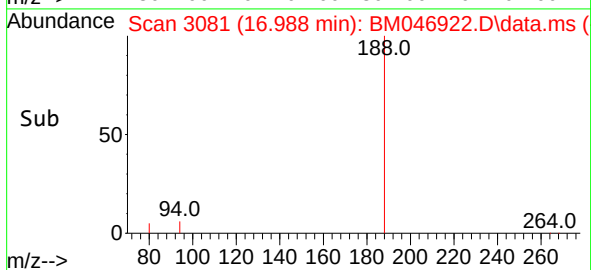
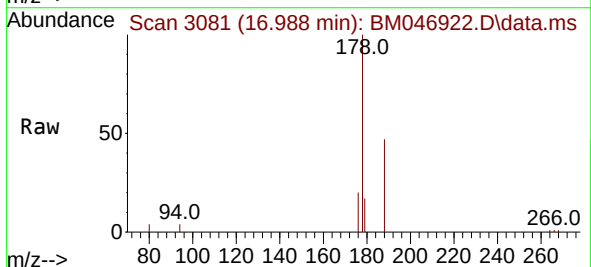
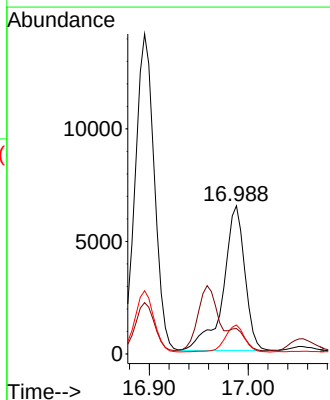
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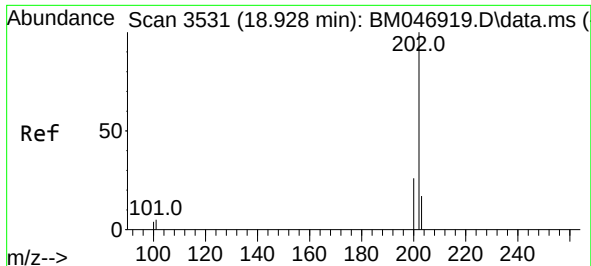
Reviewed By :Yogesh Patel 07/31/2024
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#16
Anthracene
Concen: 0.371 ng/u1
RT: 16.988 min Scan# 3081
Delta R.T. -0.005 min
Lab File: BM046922.D
Acq: 30 Jul 2024 16:18

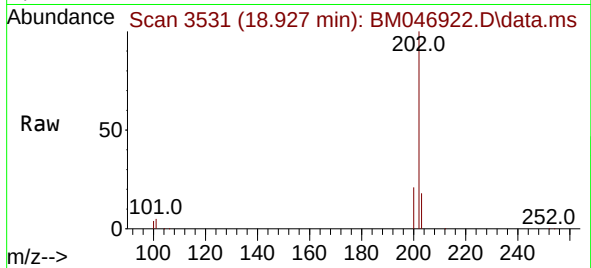
Tgt Ion:178 Resp: 9722
Ion Ratio Lower Upper
178 100
179 17.2 13.1 19.7
176 19.5 15.0 22.6





#19
Fluoranthene
Concen: 5.517 ng/ul
RT: 18.927 min Scan# 3531
Delta R.T. -0.006 min
Lab File: BM046922.D
Acq: 30 Jul 2024 16:18

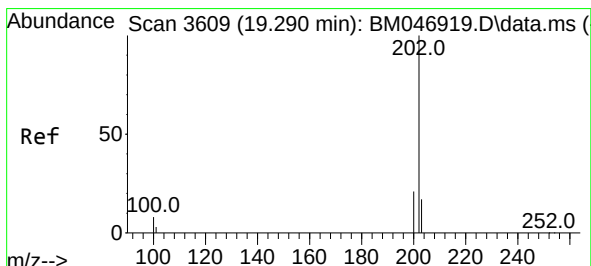
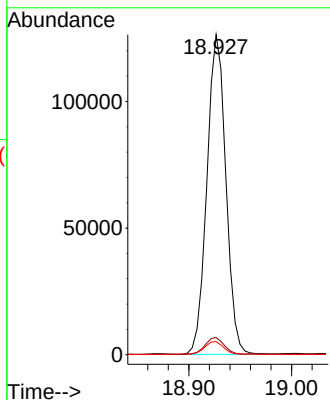
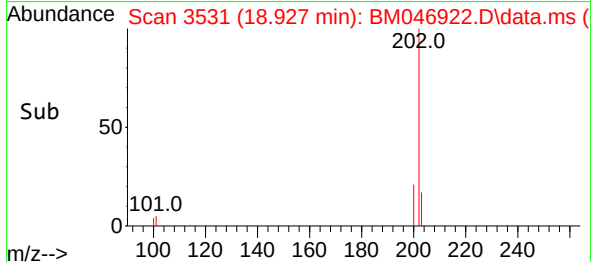
Instrument :
BNA_M
ClientSampleId :
F7E40



Tgt Ion:202 Resp: 161528
Ion Ratio Lower Upper
202 100
101 5.4 4.7 7.1
100 4.1 3.4 5.2

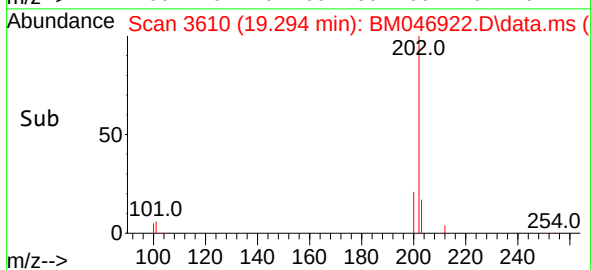
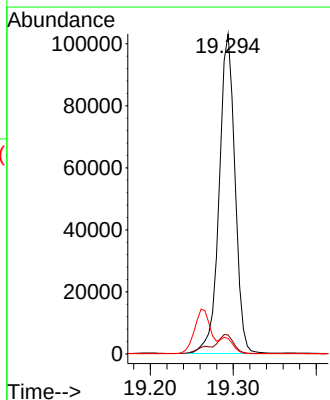
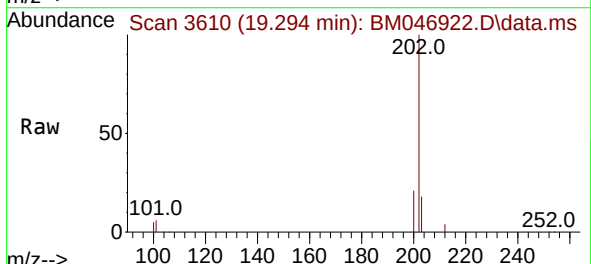
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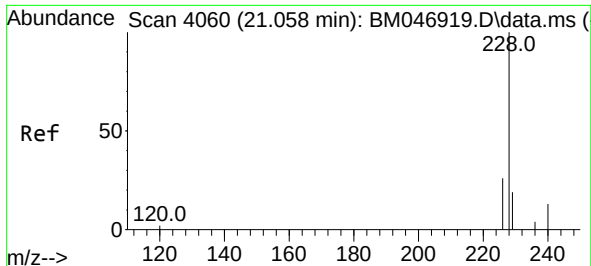
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#20
Pyrene
Concen: 4.484 ng/ul
RT: 19.294 min Scan# 3610
Delta R.T. -0.001 min
Lab File: BM046922.D
Acq: 30 Jul 2024 16:18

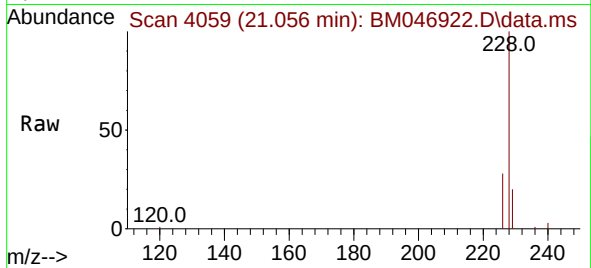
Tgt Ion:202 Resp: 135808
Ion Ratio Lower Upper
202 100
101 5.9 5.2 7.8
100 4.9 4.3 6.5





#21
Benzo(a)anthracene
Concen: 1.681 ng/ul
RT: 21.056 min Scan# 4060
Delta R.T. -0.002 min
Lab File: BM046922.D
Acq: 30 Jul 2024 16:18

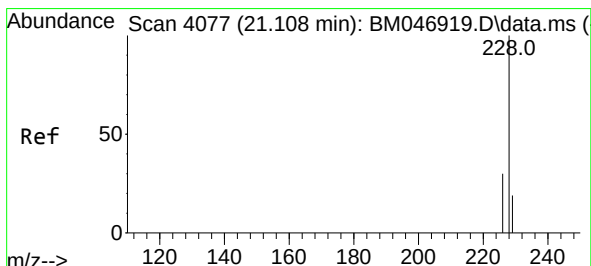
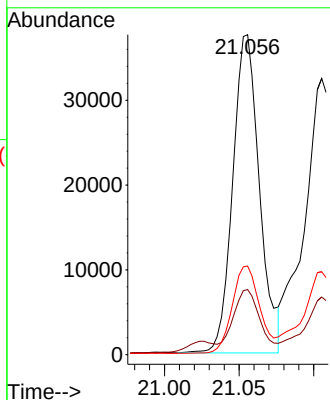
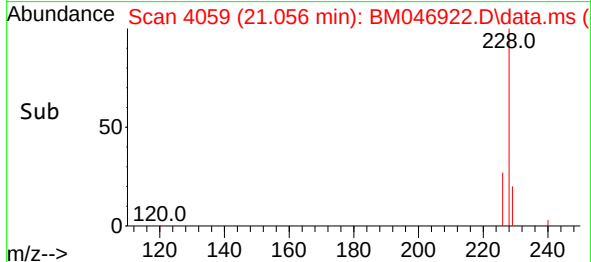
Instrument :
BNA_M
ClientSampleId :
F7E40



Tgt Ion:228 Resp: 46702
Ion Ratio Lower Upper
228 100
229 20.4 16.3 24.5
226 27.7 22.3 33.5

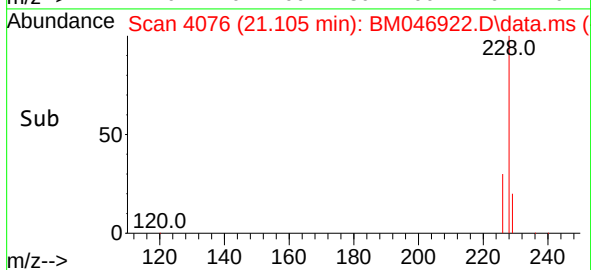
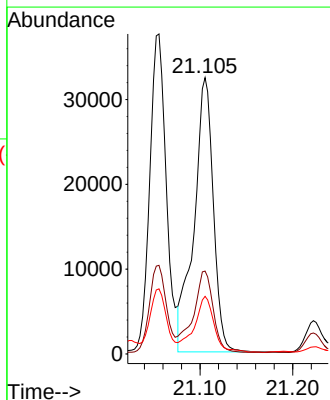
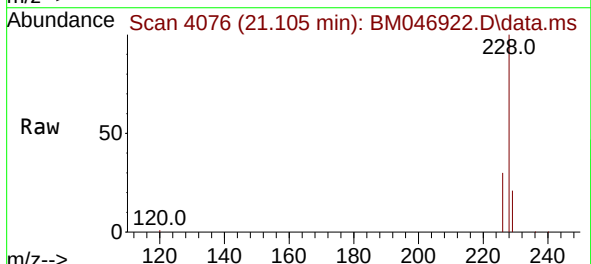
Manual Integrations
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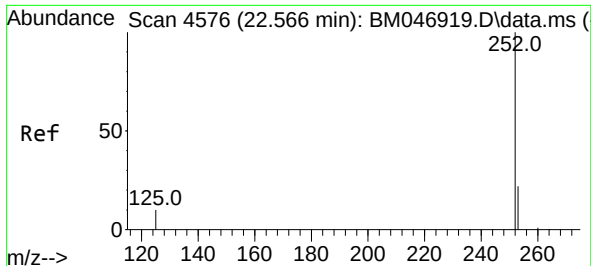
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#22
Chrysene
Concen: 1.663 ng/ul
RT: 21.105 min Scan# 4076
Delta R.T. -0.002 min
Lab File: BM046922.D
Acq: 30 Jul 2024 16:18

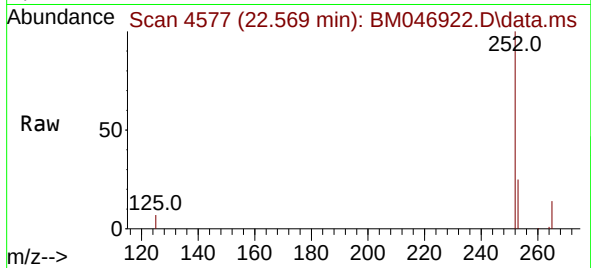
Tgt Ion:228 Resp: 46931
Ion Ratio Lower Upper
228 100
226 30.0 24.5 36.7
229 20.8 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 1.784 ng/ul m
RT: 22.569 min Scan# 4576
Delta R.T. 0.000 min
Lab File: BM046922.D
Acq: 30 Jul 2024 16:18

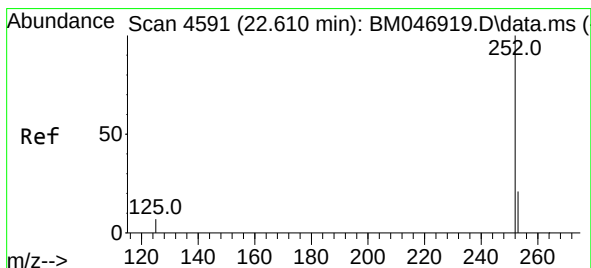
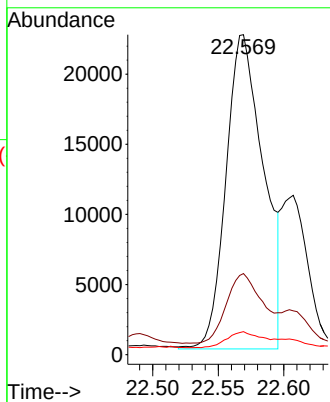
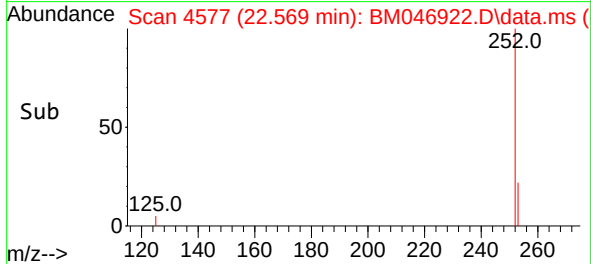
Instrument :
BNA_M
ClientSampleId :
F7E40



Tgt Ion:252 Resp: 4471
Ion Ratio Lower Upper
252 100
253 25.3 0.0 56.4
125 7.2 0.0 15.8

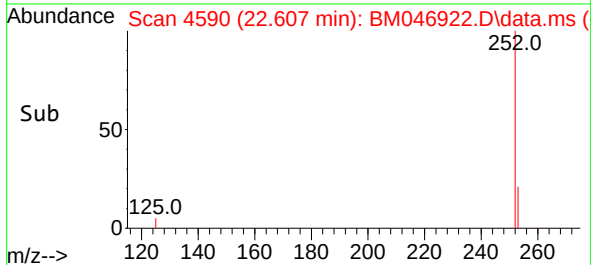
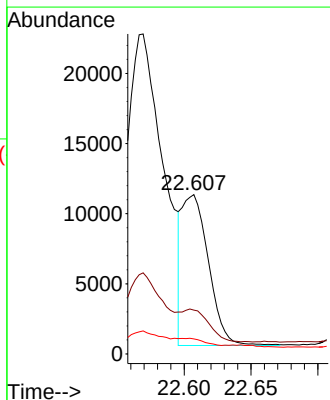
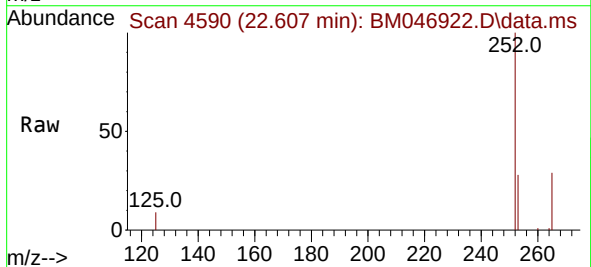
Manual Integrations
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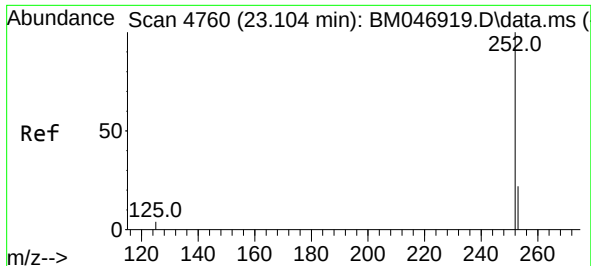
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#25
Benzo(k)fluoranthene
Concen: 0.586 ng/ul m
RT: 22.607 min Scan# 4590
Delta R.T. -0.002 min
Lab File: BM046922.D
Acq: 30 Jul 2024 16:18

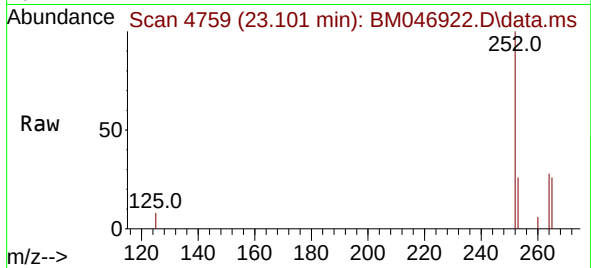
Tgt Ion:252 Resp: 14806
Ion Ratio Lower Upper
252 100
253 27.5 23.5 35.3
125 9.4 8.6 13.0





#26
Benzo(a)pyrene
Concen: 1.324 ng/ul m
RT: 23.101 min Scan# 4759
Delta R.T. -0.002 min
Lab File: BM046922.D
Acq: 30 Jul 2024 16:18

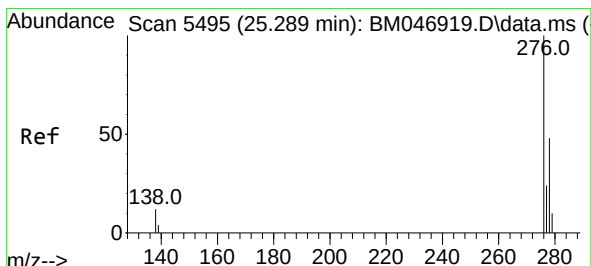
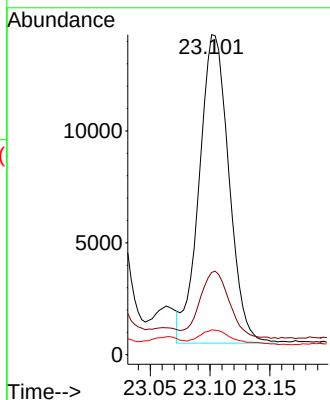
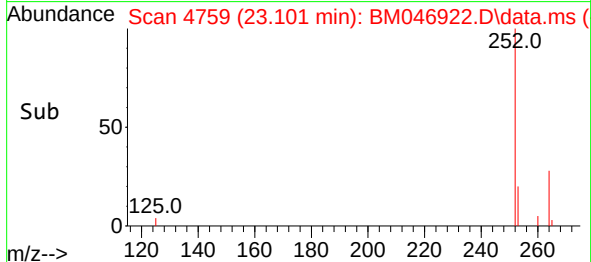
Instrument :
BNA_M
ClientSampleId :
F7E40



Tgt Ion:252 Resp: 2382
Ion Ratio Lower Upper
252 100
253 25.7 26.0 39.0
125 7.7 7.8 11.8

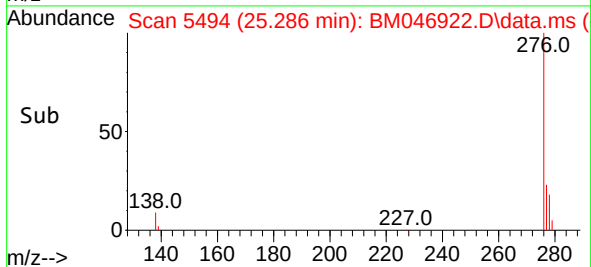
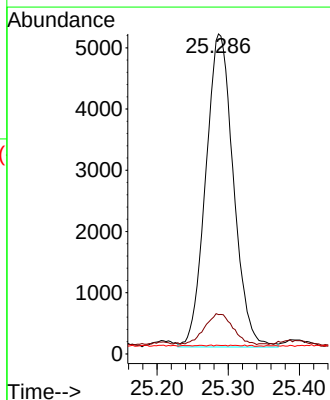
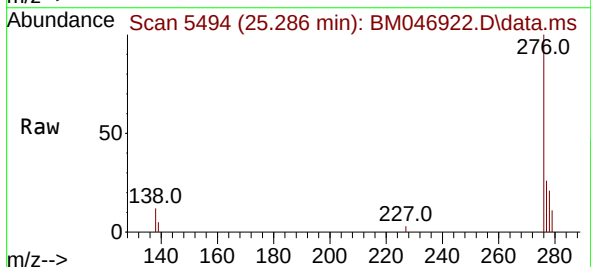
Manual Integrations
APPROVED

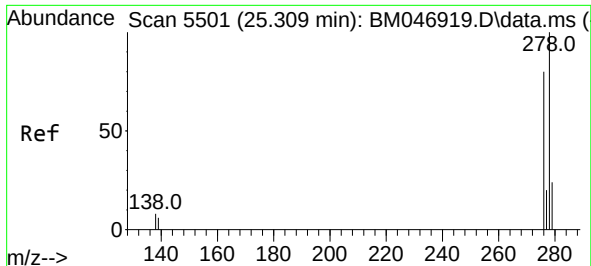
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.499 ng/ul
RT: 25.286 min Scan# 5494
Delta R.T. -0.010 min
Lab File: BM046922.D
Acq: 30 Jul 2024 16:18

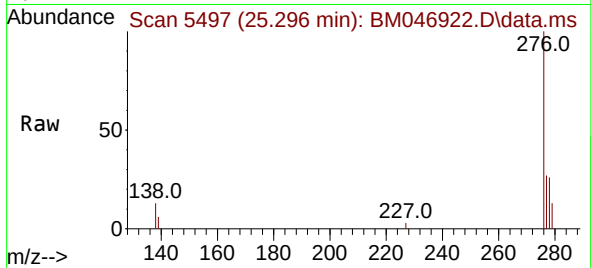
Tgt Ion:276 Resp: 13812
Ion Ratio Lower Upper
276 100
138 9.9 9.7 14.5
227 0.1 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.165 ng/ul
RT: 25.296 min Scan# 5497
Delta R.T. -0.013 min
Lab File: BM046922.D
Acq: 30 Jul 2024 16:18

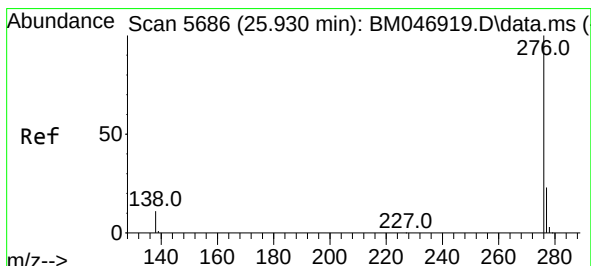
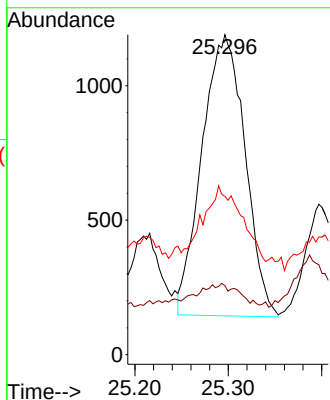
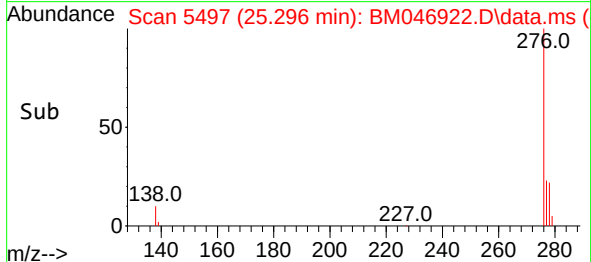
Instrument :
BNA_M
ClientSampleId :
F7E40



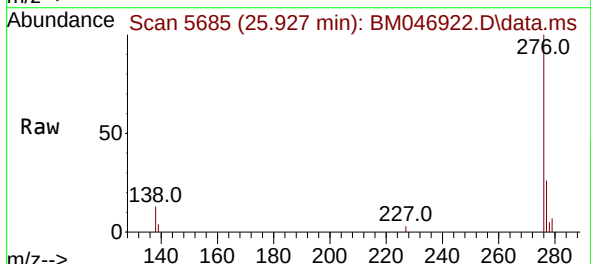
Tgt Ion:278 Resp: 334
Ion Ratio Lower Upper
278 100
139 21.6 9.8 14.8
279 49.5 25.2 37.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#29
Benzo(g,h,i)perylene
Concen: 0.524 ng/ul
RT: 25.927 min Scan# 5685
Delta R.T. -0.006 min
Lab File: BM046922.D
Acq: 30 Jul 2024 16:18



Tgt Ion:276 Resp: 12786
Ion Ratio Lower Upper
276 100
138 13.1 9.5 14.3
277 25.7 20.9 31.3

