

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046928.D
 Acq On : 30 Jul 2024 20:37
 Operator : MA/JU
 Sample : P3329-10DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E15DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 31 00:01:09 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	7.447	152	4608	0.400	ng/ul	0.00
4) Naphthalene-d8	10.204	136	7122	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.094	164	4939	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.853	188	11079	0.400	ng/ul	0.00
17) Chrysene-d12	21.067	240	6872	0.400	ng/ul	0.00
23) Perylene-d12	23.189	264	7177	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	1233	0.382	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.804	152	447	0.039	ng/ul	0.00
18) Fluoranthene-d10	18.894	212	1019	0.046	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.248	128	67174	3.729	ng/ul	96
7) 2-Methylnaphthalene	11.876	142	10466	0.844	ng/ul	100
8) 1-Methylnaphthalene	12.101	142	5217	0.407	ng/ul	99
10) Acenaphthylene	13.812	152	661	0.029	ng/ul#	77
11) Acenaphthene	14.159	153	8991	0.586	ng/ul	98
12) Fluorene	15.153	166	10266	0.535	ng/ul	99
15) Phenanthrene	16.895	178	39034	1.226	ng/ul	98
16) Anthracene	16.984	178	4874	0.164	ng/ul	96
19) Fluoranthene	18.927	202	18921	0.627	ng/ul	97
20) Pyrene	19.289	202	12735	0.408	ng/ul	98
21) Benzo(a)anthracene	21.053	228	2738	0.096	ng/ul	95
22) Chrysene	21.102	228	2268m	0.078	ng/ul	
24) Benzo(b)fluoranthene	22.563	252	1596m	0.051	ng/ul	
25) Benzo(k)fluoranthene	22.601	252	648m	0.020	ng/ul	
26) Benzo(a)pyrene	23.098	252	808	0.036	ng/ul#	16

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

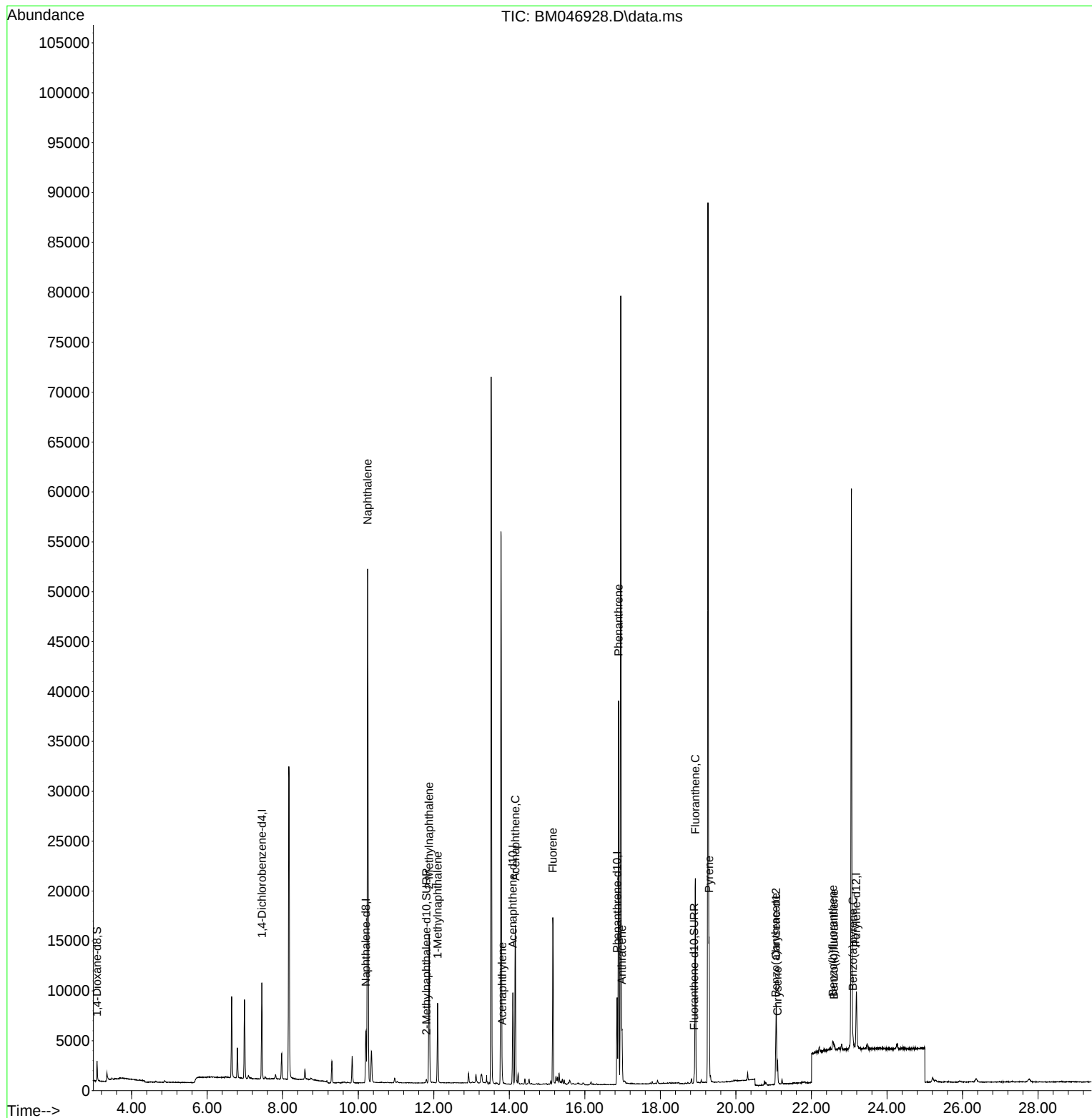
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046928.D
Acq On : 30 Jul 2024 20:37
Operator : MA/JU
Sample : P3329-10DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

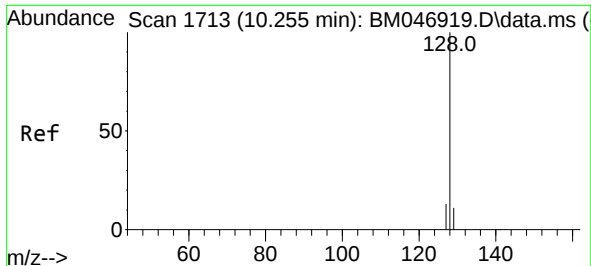
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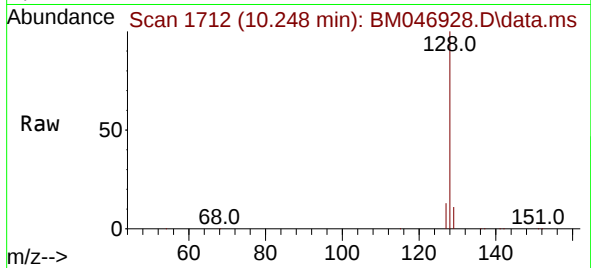
Quant Time: Jul 31 00:01:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 04:18:24 2024
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#5
Naphthalene
Concen: 3.729 ng/ul
RT: 10.248 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM046928.D
Acq: 30 Jul 2024 20:37

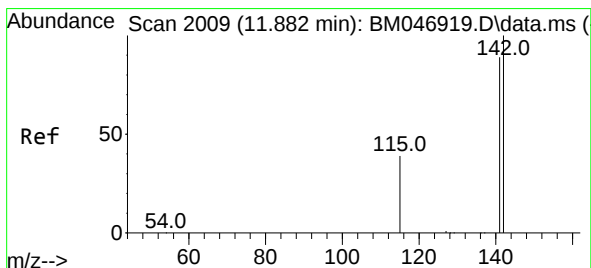
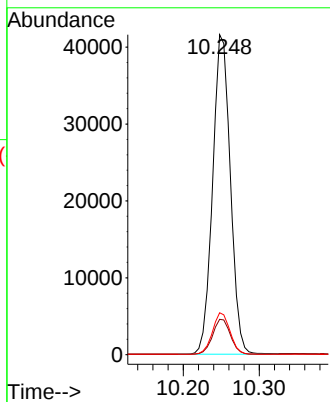
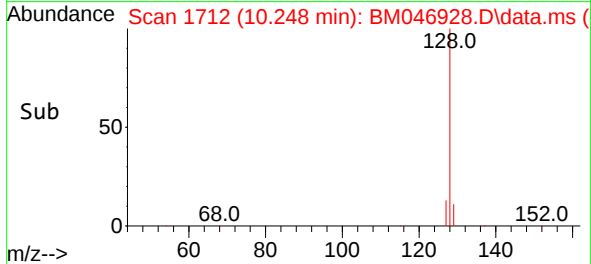
Instrument :
BNA_M
ClientSampleId :
F7E15DL



Tgt Ion:128 Resp: 67174
Ion Ratio Lower Upper
128 100
129 11.0 10.1 15.1
127 13.1 11.5 17.3

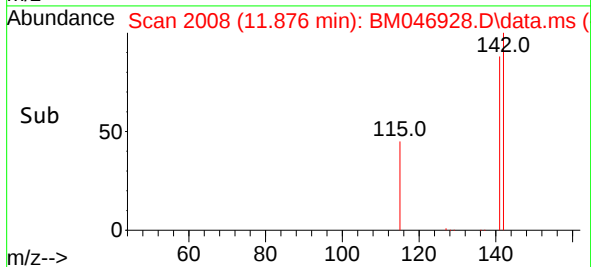
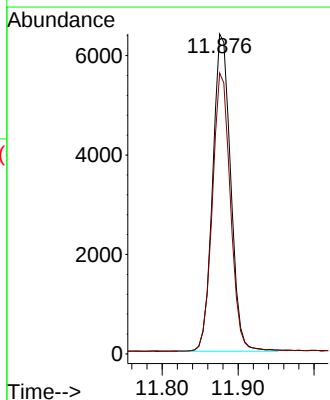
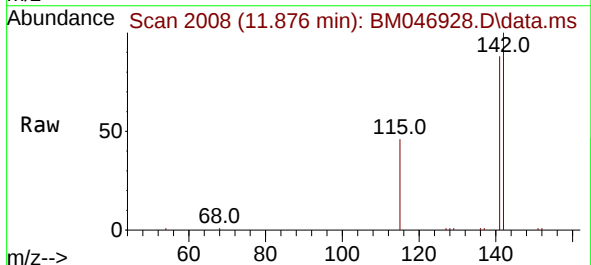
Manual Integrations
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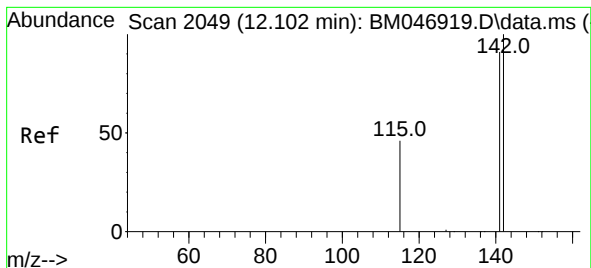
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#7
2-Methylnaphthalene
Concen: 0.844 ng/ul
RT: 11.876 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BM046928.D
Acq: 30 Jul 2024 20:37

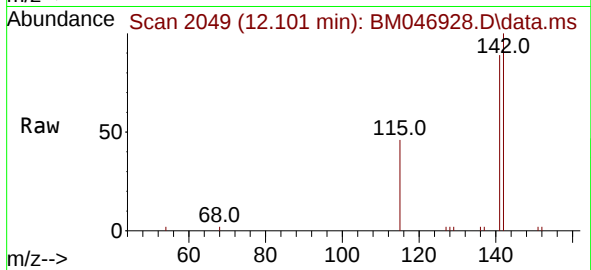
Tgt Ion:142 Resp: 10466
Ion Ratio Lower Upper
142 100
141 87.6 70.5 105.7





#8
1-Methylnaphthalene
Concen: 0.407 ng/ul
RT: 12.101 min Scan# 2049
Delta R.T. -0.007 min
Lab File: BM046928.D
Acq: 30 Jul 2024 20:37

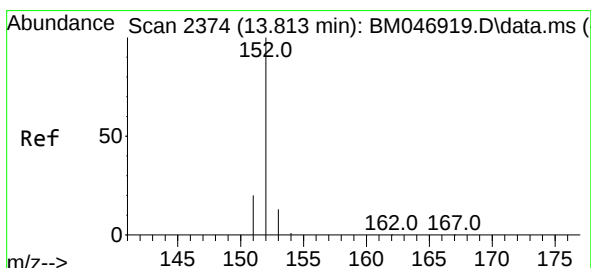
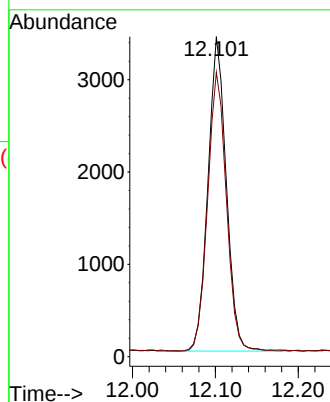
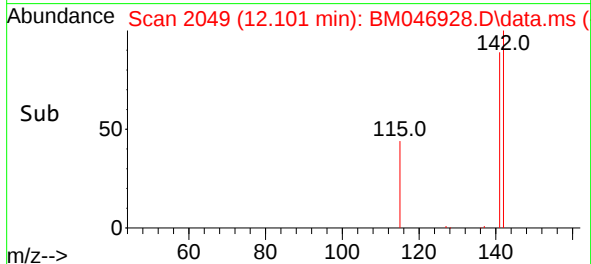
Instrument :
BNA_M
ClientSampleId :
F7E15DL



Tgt Ion:142 Resp: 521
Ion Ratio Lower Upper
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141 90.9 73.1 109.7

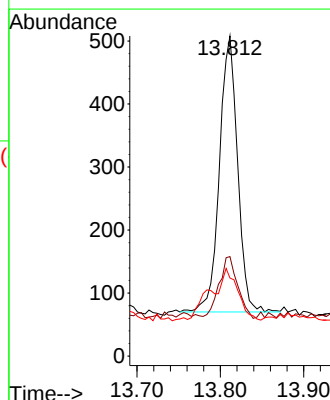
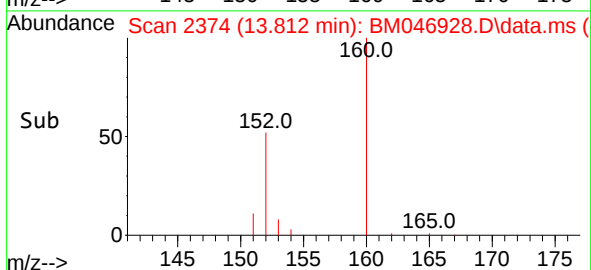
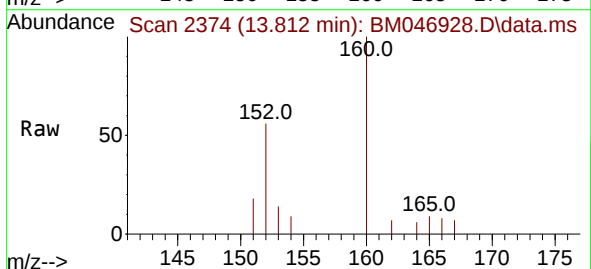
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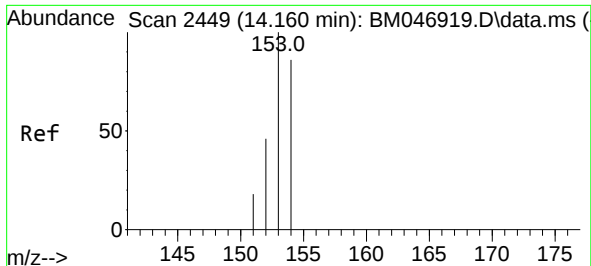
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 13.812 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BM046928.D
Acq: 30 Jul 2024 20:37

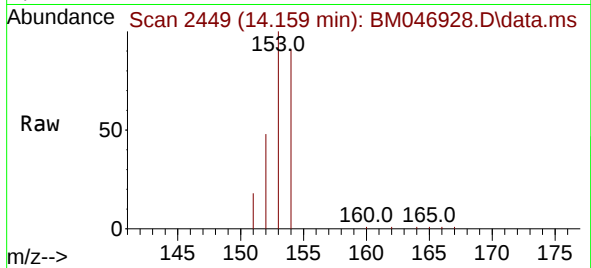
Tgt Ion:152 Resp: 661
Ion Ratio Lower Upper
152 100
151 31.1 16.8 25.2#
153 24.4 11.0 16.6#





#11
Acenaphthene
Concen: 0.586 ng/ul
RT: 14.159 min Scan# 2449
Delta R.T. -0.006 min
Lab File: BM046928.D
Acq: 30 Jul 2024 20:37

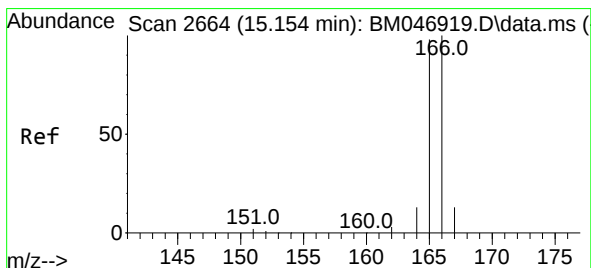
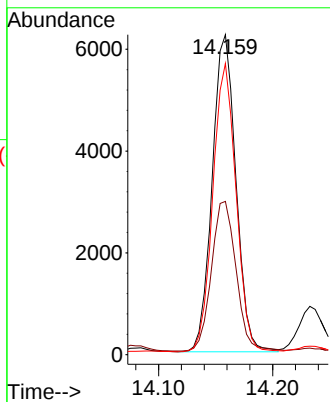
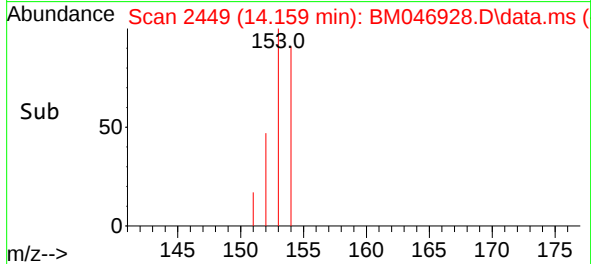
Instrument :
BNA_M
ClientSampleId :
F7E15DL



Tgt Ion:153 Resp: 899
Ion Ratio Lower Upper
153 100
152 47.9 38.6 57.8
154 91.0 70.8 106.2

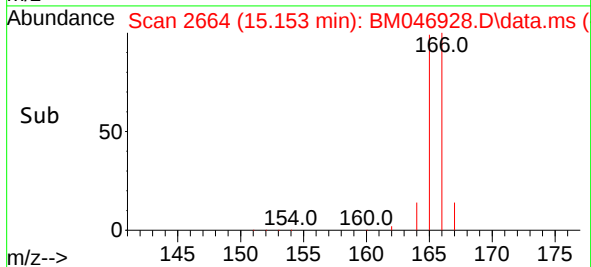
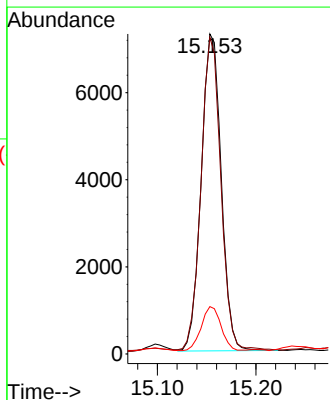
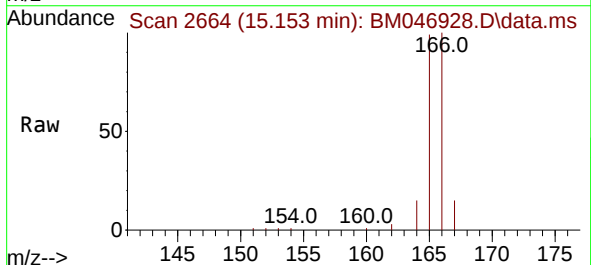
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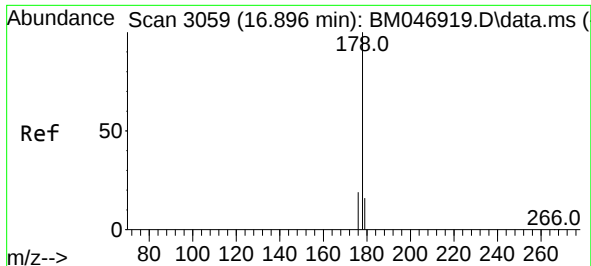
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#12
Fluorene
Concen: 0.535 ng/ul
RT: 15.153 min Scan# 2664
Delta R.T. -0.010 min
Lab File: BM046928.D
Acq: 30 Jul 2024 20:37

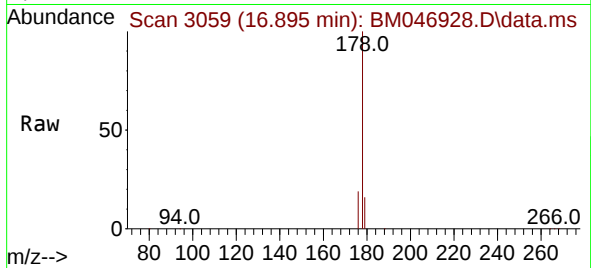
Tgt Ion:166 Resp: 10266
Ion Ratio Lower Upper
166 100
165 98.9 79.8 119.6
167 14.8 12.3 18.5





#15
Phenanthrene
Concen: 1.226 ng/ul
RT: 16.895 min Scan# 3059
Delta R.T. -0.005 min
Lab File: BM046928.D
Acq: 30 Jul 2024 20:37

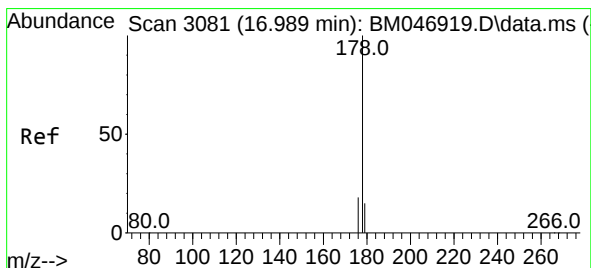
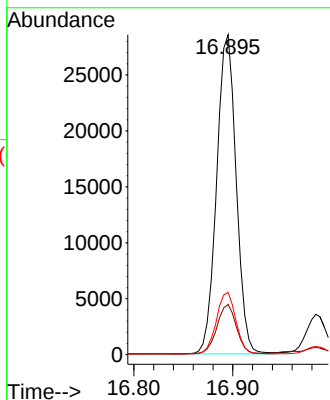
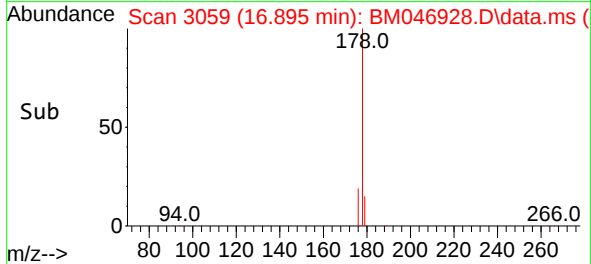
Instrument :
BNA_M
ClientSampleId :
F7E15DL



Tgt Ion:178 Resp: 39034
Ion Ratio Lower Upper
178 100
179 15.7 13.4 20.2
176 19.5 16.1 24.1

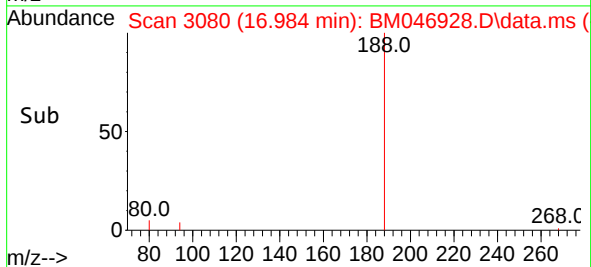
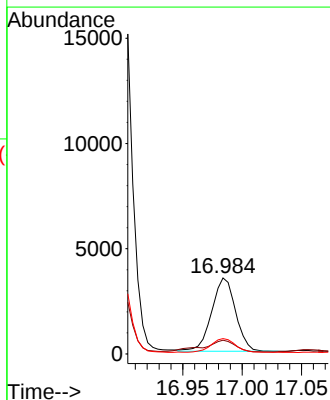
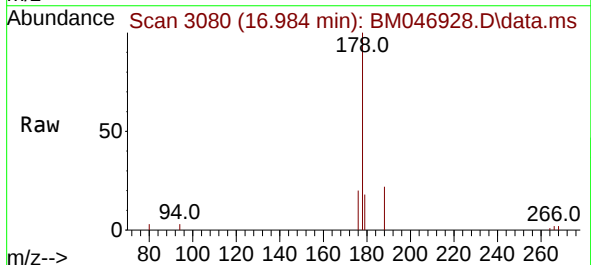
Manual Integrations
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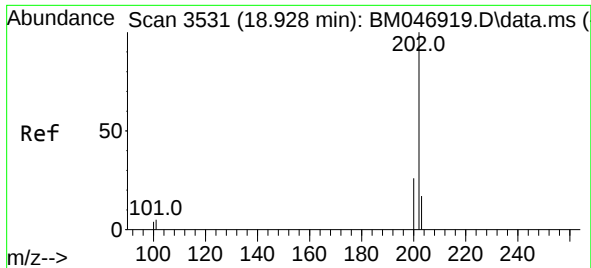
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#16
Anthracene
Concen: 0.164 ng/ul
RT: 16.984 min Scan# 3080
Delta R.T. -0.010 min
Lab File: BM046928.D
Acq: 30 Jul 2024 20:37

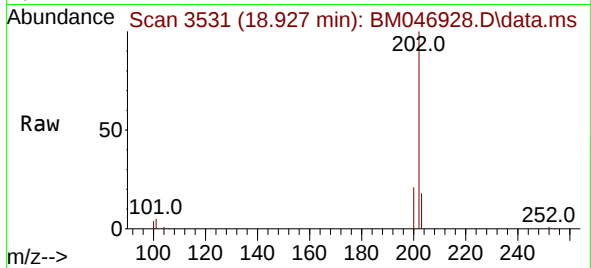
Tgt Ion:178 Resp: 4874
Ion Ratio Lower Upper
178 100
179 18.1 13.1 19.7
176 20.2 15.0 22.6





#19
Fluoranthene
Concen: 0.627 ng/ul
RT: 18.927 min Scan# 3531
Delta R.T. -0.006 min
Lab File: BM046928.D
Acq: 30 Jul 2024 20:37

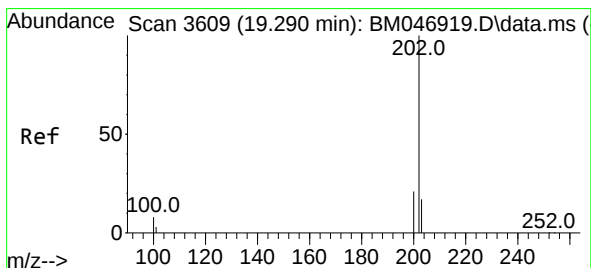
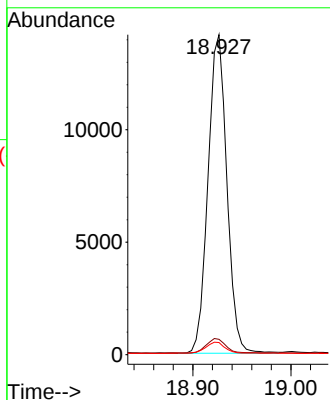
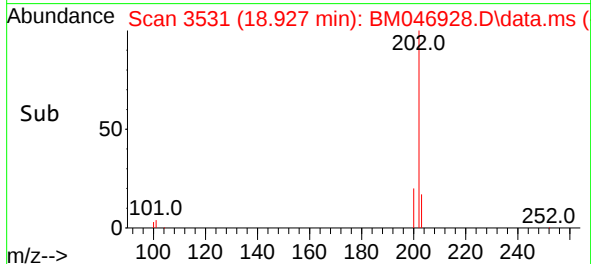
Instrument :
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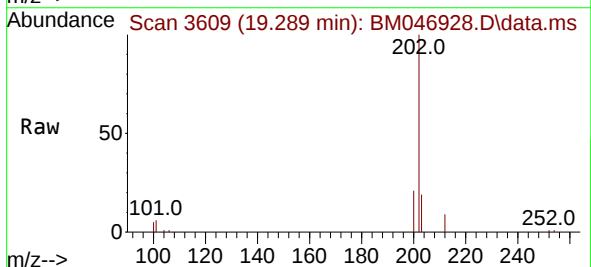
Tgt Ion:202 Resp: 1892
Ion Ratio Lower Upper
202 100
101 4.8 4.7 7.1
100 3.8 3.4 5.2

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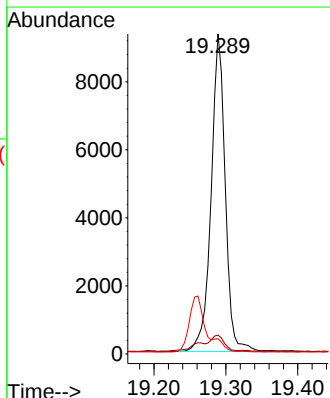
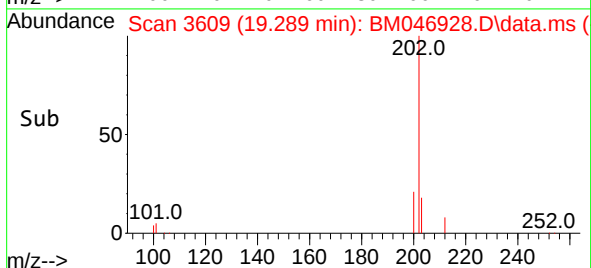
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024

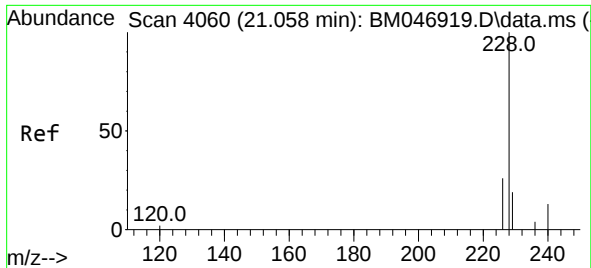


#20
Pyrene
Concen: 0.408 ng/ul
RT: 19.289 min Scan# 3609
Delta R.T. -0.006 min
Lab File: BM046928.D
Acq: 30 Jul 2024 20:37



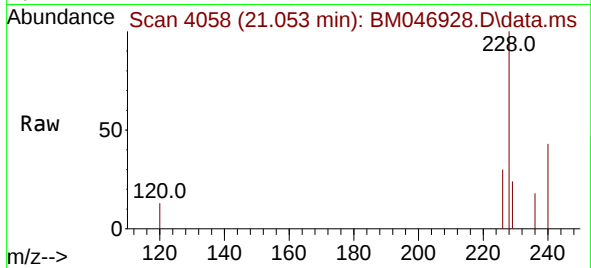
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Ion Ratio Lower Upper
202 100
101 5.9 5.2 7.8
100 4.8 4.3 6.5





#21
Benzo(a)anthracene
Concen: 0.096 ng/ul
RT: 21.053 min Scan# 4060
Delta R.T. -0.005 min
Lab File: BM046928.D
Acq: 30 Jul 2024 20:37

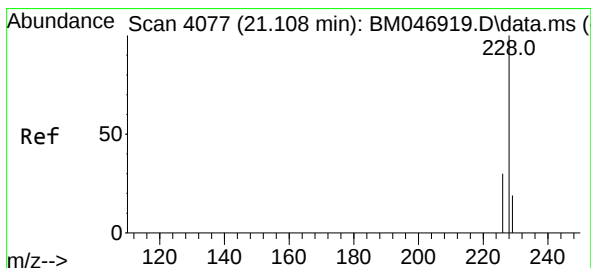
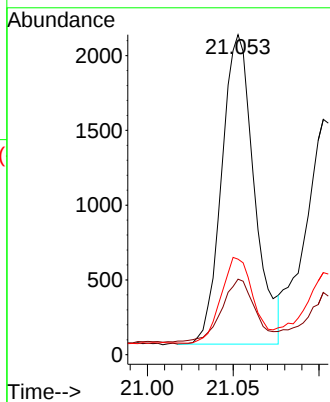
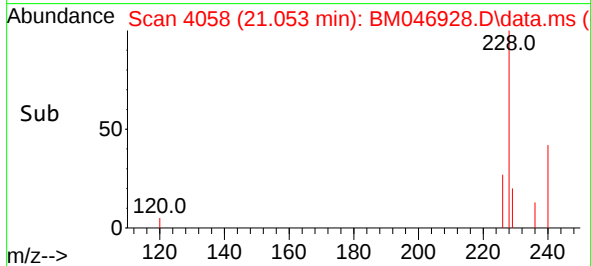
Instrument :
BNA_M
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F7E15DL



Tgt Ion:228 Resp: 2738
Ion Ratio Lower Upper
228 100
229 23.6 16.3 24.5
226 29.9 22.3 33.5

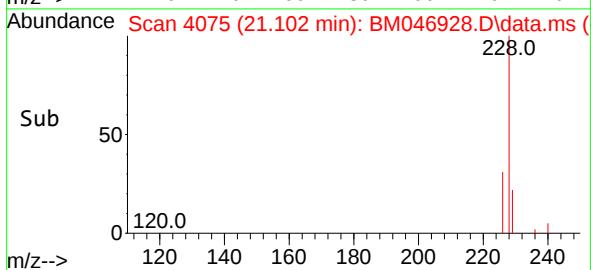
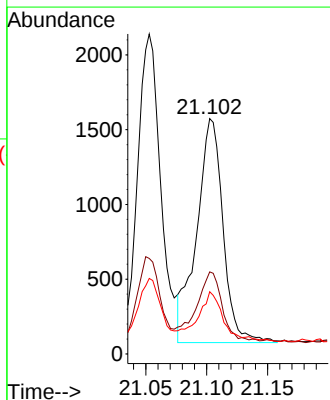
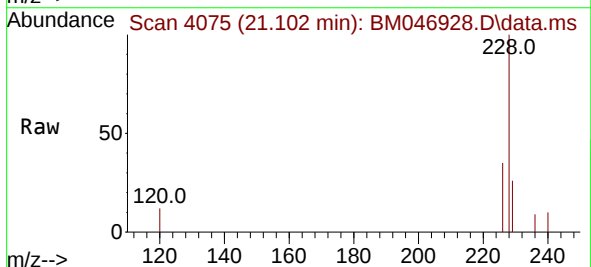
Manual Integrations
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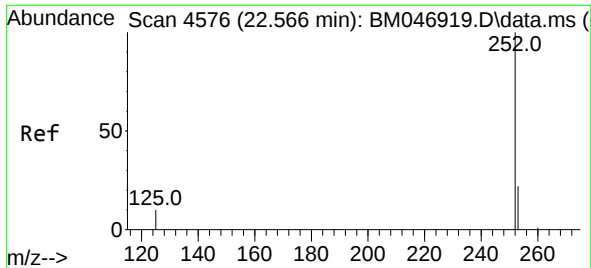
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#22
Chrysene
Concen: 0.078 ng/ul m
RT: 21.102 min Scan# 4075
Delta R.T. -0.005 min
Lab File: BM046928.D
Acq: 30 Jul 2024 20:37

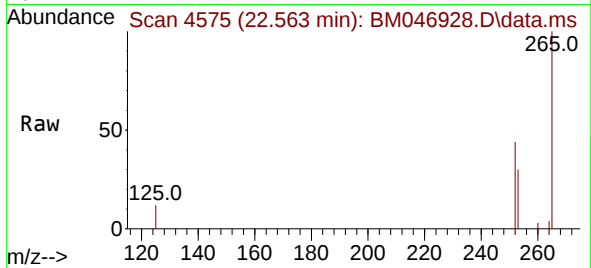
Tgt Ion:228 Resp: 2268
Ion Ratio Lower Upper
228 100
226 34.9 24.5 36.7
229 26.4 16.2 24.2#





#24
Benzo(b)fluoranthene
Concen: 0.051 ng/ul m
RT: 22.563 min Scan# 4575
Delta R.T. -0.005 min
Lab File: BM046928.D
Acq: 30 Jul 2024 20:37

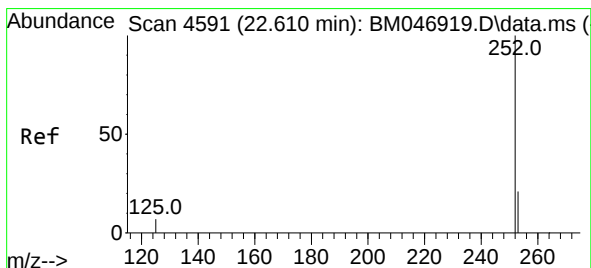
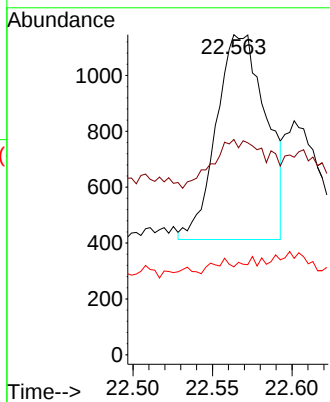
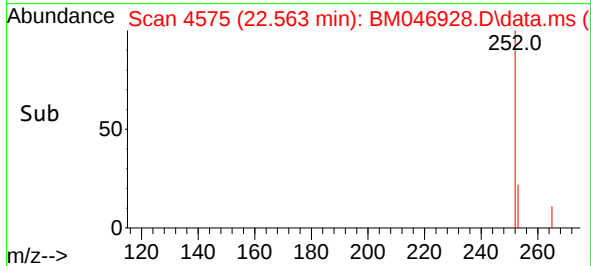
Instrument :
BNA_M
ClientSampleId :
F7E15DL



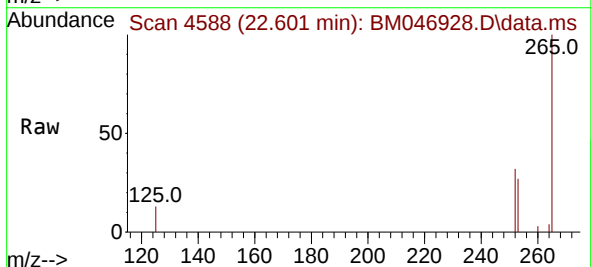
Tgt Ion:252 Resp: 1590
Ion Ratio Lower Upper
252 100
253 67.3 0.0 56.4#
125 27.5 0.0 15.8#

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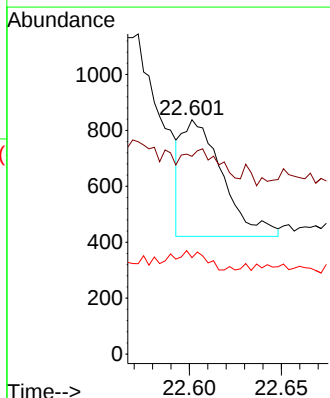
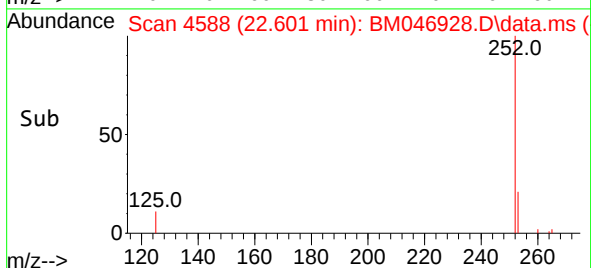
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 08/03/2024

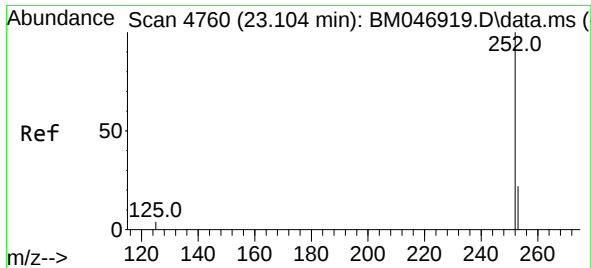


#25
Benzo(k)fluoranthene
Concen: 0.020 ng/ul m
RT: 22.601 min Scan# 4588
Delta R.T. -0.008 min
Lab File: BM046928.D
Acq: 30 Jul 2024 20:37



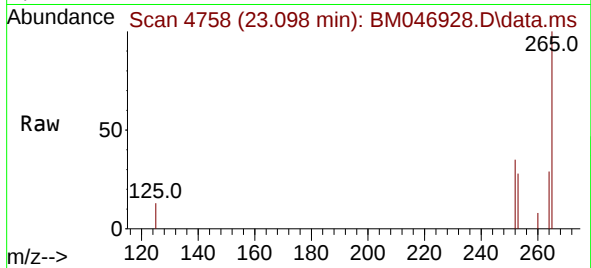
Tgt Ion:252 Resp: 648
Ion Ratio Lower Upper
252 100
253 84.4 23.5 35.3#
125 41.2 8.6 13.0#





#26
Benzo(a)pyrene
Concen: 0.036 ng/ul
RT: 23.098 min Scan# 41
Delta R.T. -0.005 min
Lab File: BM046928.D
Acq: 30 Jul 2024 20:37

Instrument :
BNA_M
ClientSampleId :
F7E15DL



Tgt Ion:252 Resp: 800
Ion Ratio Lower Upper
252 100
253 81.4 26.0 39.0
125 36.4 7.8 11.8

Manual Integrations
APPROVED

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

