

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041824\
 Data File : BM045417.D
 Acq On : 20 Apr 2024 07:03
 Operator : MA/JU
 Sample : P2079-01
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024

Quant Time: Apr 20 17:49:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 22:19:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.572	152	942	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.330	136	2755	0.400	ng/ul	#-0.06
9) Acenaphthene-d10	14.215	164	1984m	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.976	188	4441m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.189	240	3679m	0.400	ng/ul	-0.03
23) Perylene-d12	23.381	264	3835m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	3434	2.775	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	1385	0.371	ng/ul	-0.07
18) Fluoranthene-d10	19.016	212	4470m	0.481	ng/ul	-0.04
Target Compounds					Qvalue	
5) Naphthalene	10.380	128	104879	14.347	ng/ul#	94
7) 2-Methylnaphthalene	12.008	142	3023	0.693	ng/ul	100
8) 1-Methylnaphthalene	12.228	142	8270	1.735	ng/ul	99
10) Acenaphthylene	13.928	152	11330	1.145	ng/ul#	91
11) Acenaphthene	14.280	153	1053317	148.656	ng/ul	98
12) Fluorene	15.274	166	286874	36.115	ng/ul	100
14) Pentachlorophenol	16.630	266	69	0.066	ng/ul	96
15) Phenanthrene	17.014	178	10706m	0.856	ng/ul	
16) Anthracene	17.107	178	49438	4.015	ng/ul	98
19) Fluoranthene	19.044	202	170475	12.967	ng/ul	99
20) Pyrene	19.411	202	89812	6.469	ng/ul	99
21) Benzo(a)anthracene	21.172	228	3723m	0.291	ng/ul	
22) Chrysene	21.201	228	1979m	0.124	ng/ul	
24) Benzo(b)fluoranthene	22.726	252	491	0.035	ng/ul#	1
25) Benzo(k)fluoranthene	22.773	252	334	0.022	ng/ul#	1

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

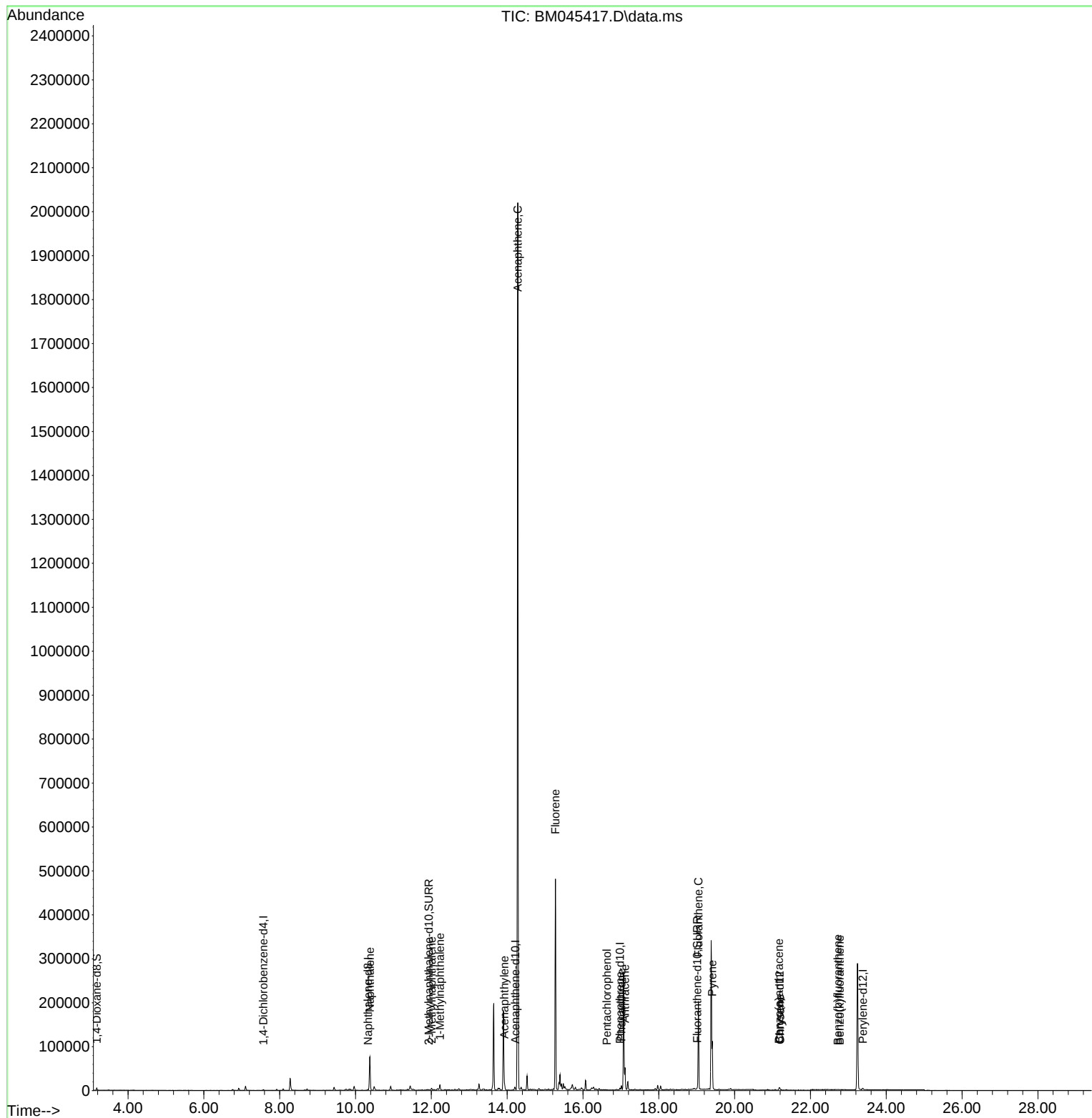
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041824\
Data File : BM045417.D
Acq On : 20 Apr 2024 07:03
Operator : MA/JU
Sample : P2079-01
Misc :
ALS Vial : 61 Sample Multiplier: 1

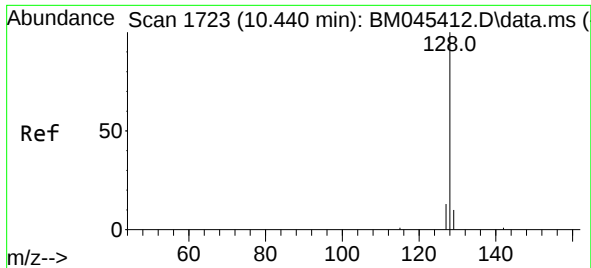
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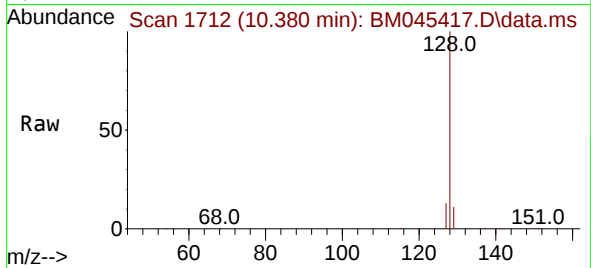
Quant Time: Apr 20 17:49:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 22:19:59 2024
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#5
Naphthalene
Concen: 14.347 ng/ul
RT: 10.380 min Scan# 1712
Delta R.T. -0.061 min
Lab File: BM045417.D
Acq: 20 Apr 2024 07:03

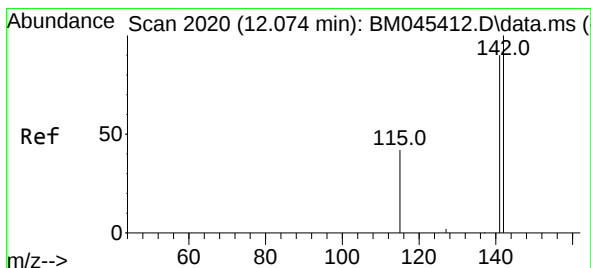
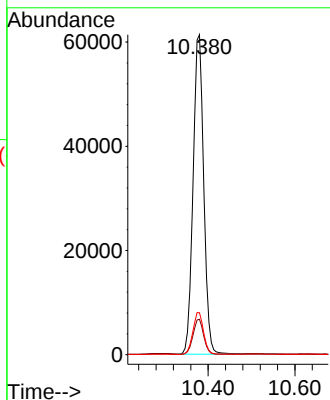
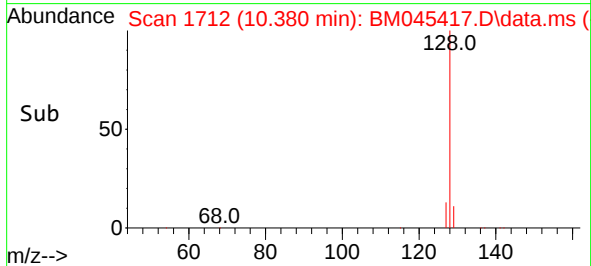
Instrument :
BNA_M
ClientSampleId :
C0AK6



Tgt Ion:128 Resp: 104879
Ion Ratio Lower Upper
128 100
129 11.0 11.3 16.9
127 13.1 11.9 17.9

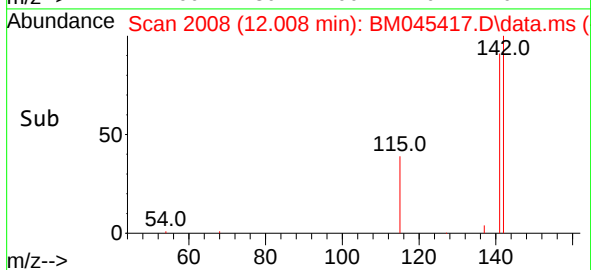
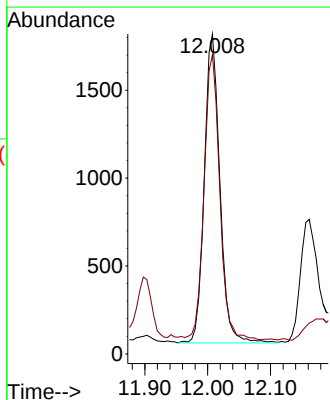
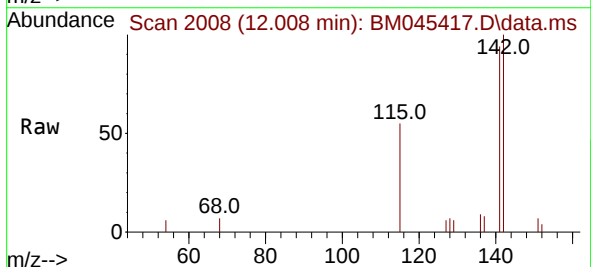
Manual Integrations
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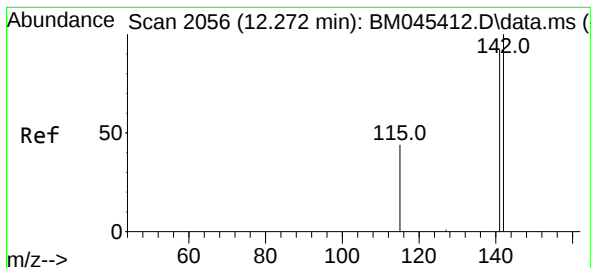
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#7
2-Methylnaphthalene
Concen: 0.693 ng/ul
RT: 12.008 min Scan# 2008
Delta R.T. -0.061 min
Lab File: BM045417.D
Acq: 20 Apr 2024 07:03

Tgt Ion:142 Resp: 3023
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.8





#8

1-Methylnaphthalene

Concen: 1.735 ng/ul

RT: 12.228 min Scan# 2056

Delta R.T. -0.044 min

Lab File: BM045417.D

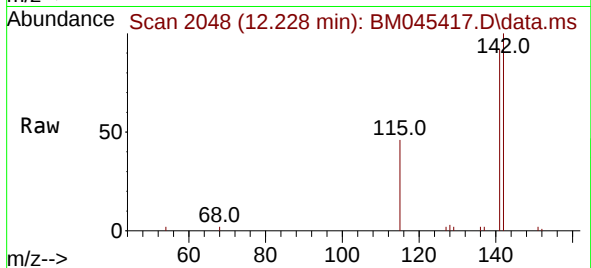
Acq: 20 Apr 2024 07:03

Instrument :

BNA_M

ClientSampleId :

C0AK6



Tgt Ion:142 Resp: 8270

Ion Ratio Lower Upper

142 100

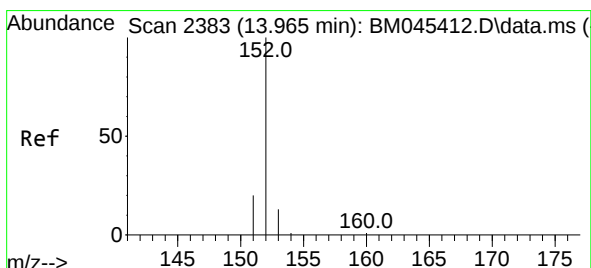
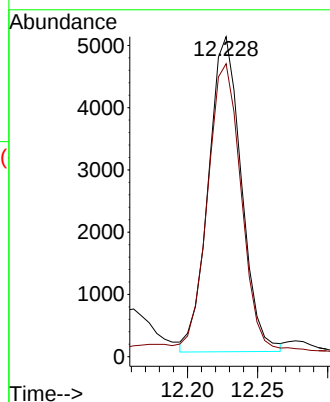
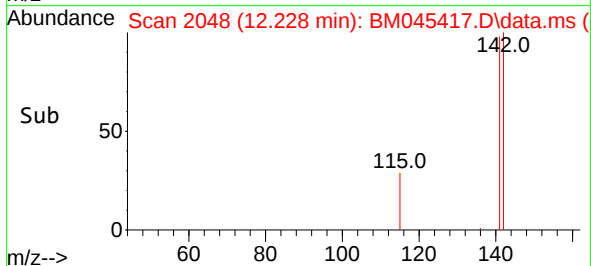
141 93.8 74.2 111.2

Manual Integrations

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Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#10

Acenaphthylene

Concen: 1.145 ng/ul

RT: 13.928 min Scan# 2375

Delta R.T. -0.036 min

Lab File: BM045417.D

Acq: 20 Apr 2024 07:03

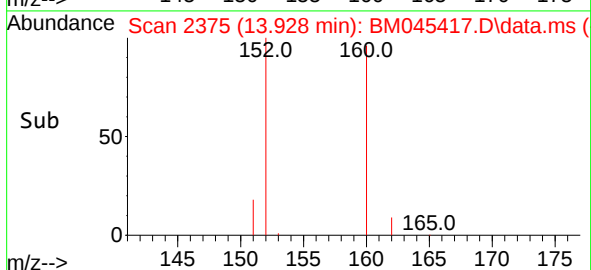
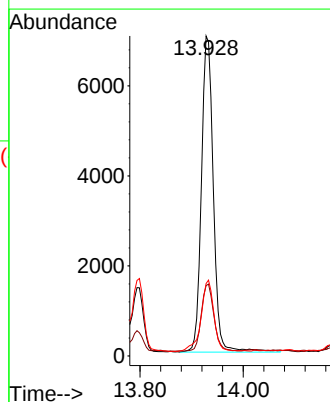
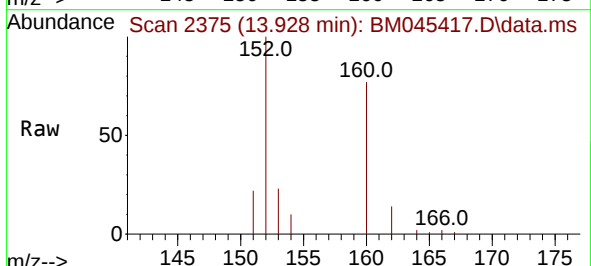
Tgt Ion:152 Resp: 11330

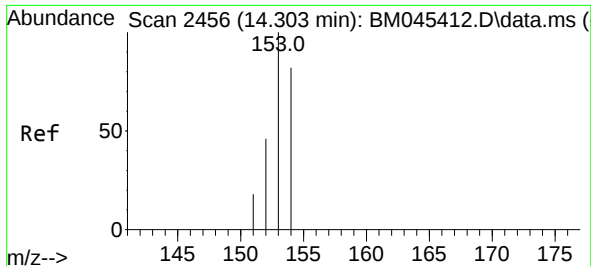
Ion Ratio Lower Upper

152 100

151 22.0 17.0 25.4

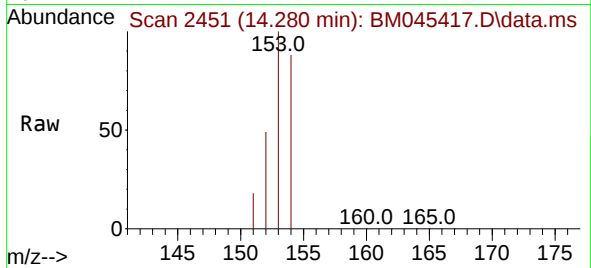
153 22.7 11.9 17.9#





#11
Acenaphthene
Concen: 148.656 ng/ul
RT: 14.280 min Scan# 2456
Delta R.T. -0.022 min
Lab File: BM045417.D
Acq: 20 Apr 2024 07:03

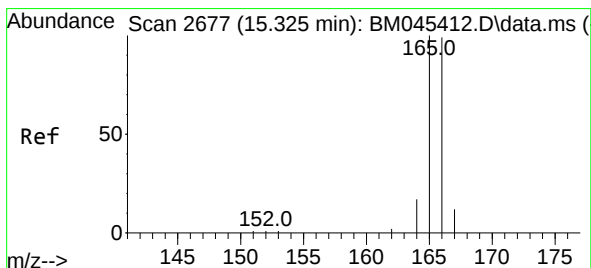
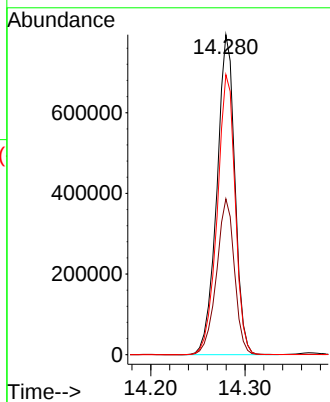
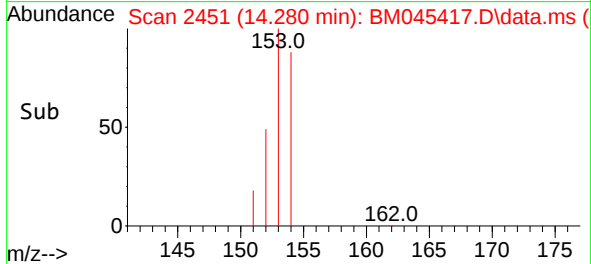
Instrument :
BNA_M
ClientSampleId :
C0AK6



Tgt Ion:153 Resp: 105331
Ion Ratio Lower Upper
153 100
152 48.7 41.2 61.8
154 87.5 69.4 104.0

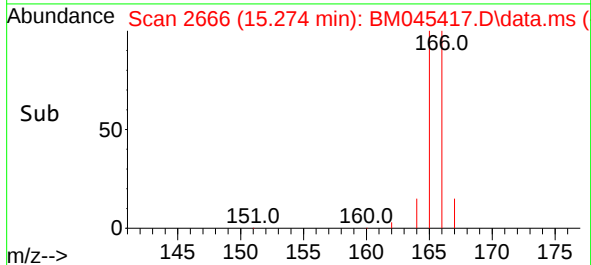
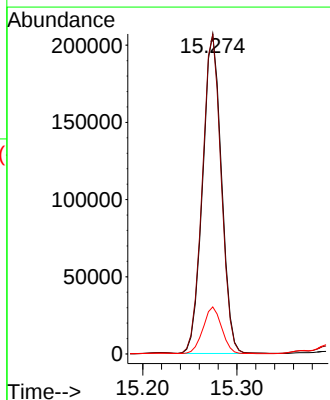
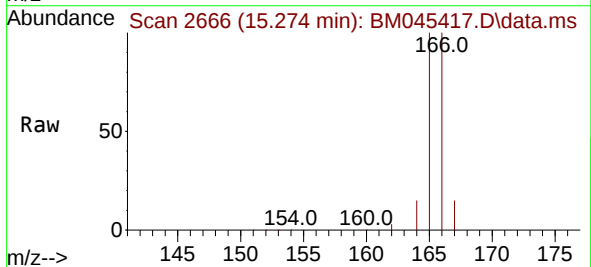
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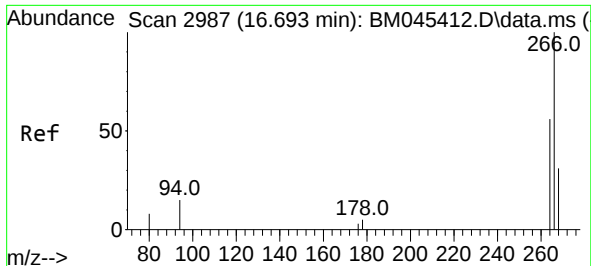
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#12
Fluorene
Concen: 36.115 ng/ul
RT: 15.274 min Scan# 2666
Delta R.T. -0.050 min
Lab File: BM045417.D
Acq: 20 Apr 2024 07:03

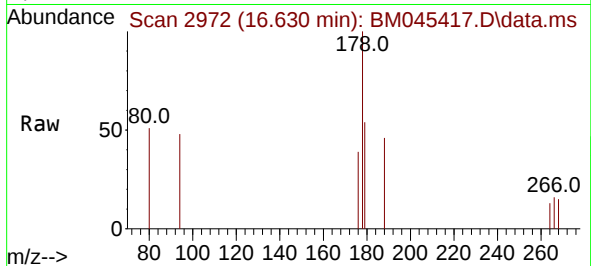
Tgt Ion:166 Resp: 286874
Ion Ratio Lower Upper
166 100
165 99.8 79.9 119.9
167 14.7 12.2 18.2





#14
Pentachlorophenol
Concen: 0.066 ng/ul
RT: 16.630 min Scan# 2987
Delta R.T. -0.058 min
Lab File: BM045417.D
Acq: 20 Apr 2024 07:03

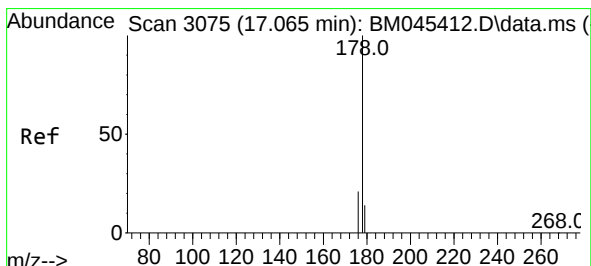
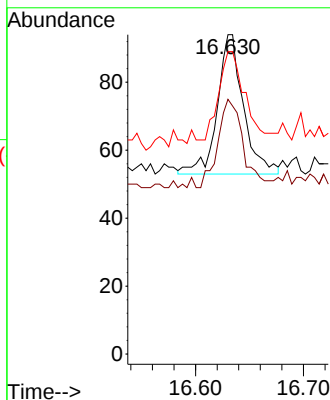
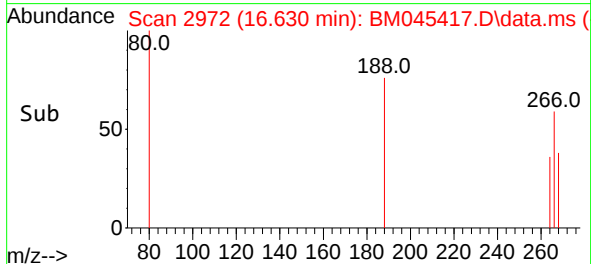
Instrument :
BNA_M
ClientSampleId :
C0AK6



Tgt Ion:266 Resp: 69
Ion Ratio Lower Upper
266 100
264 60.9 48.3 72.5
268 71.0 52.6 79.0

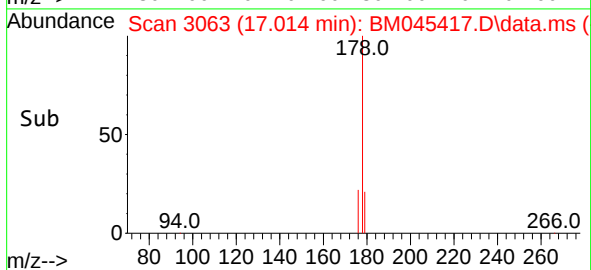
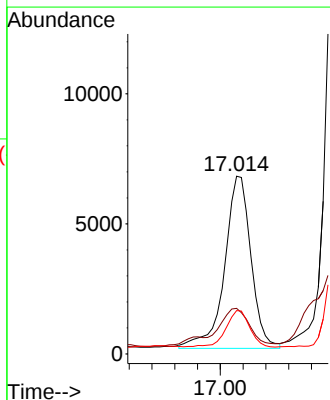
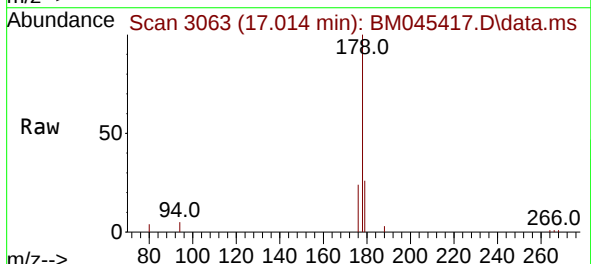
Manual Integrations
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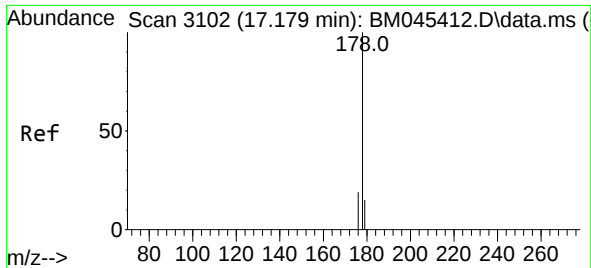
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#15
Phenanthrene
Concen: 0.856 ng/ul m
RT: 17.014 min Scan# 3063
Delta R.T. -0.046 min
Lab File: BM045417.D
Acq: 20 Apr 2024 07:03

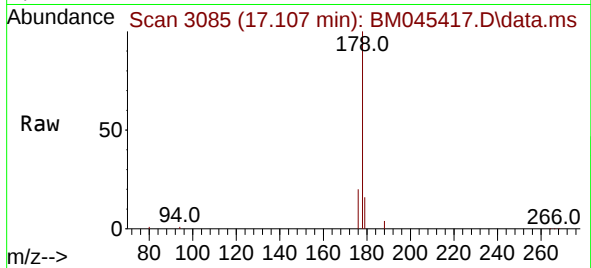
Tgt Ion:178 Resp: 10706
Ion Ratio Lower Upper
178 100
179 25.7 13.7 20.5#
176 24.4 17.0 25.4





#16
 Anthracene
 Concen: 4.015 ng/ul
 RT: 17.107 min Scan# 3085
 Delta R.T. -0.063 min
 Lab File: BM045417.D
 Acq: 20 Apr 2024 07:03

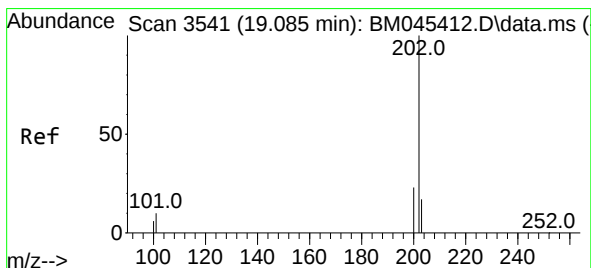
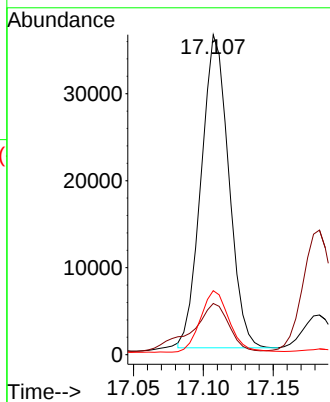
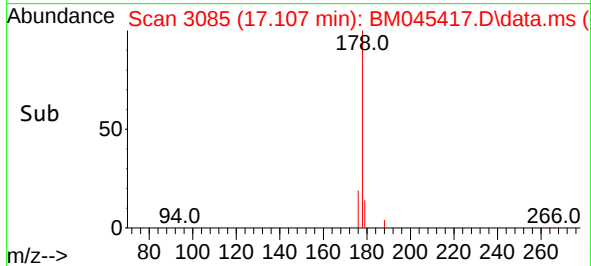
Instrument :
 BNA_M
 ClientSampleId :
 C0AK6



Tgt Ion:178 Resp: 49438
 Ion Ratio Lower Upper
 178 100
 179 16.0 13.8 20.8
 176 20.0 16.2 24.4

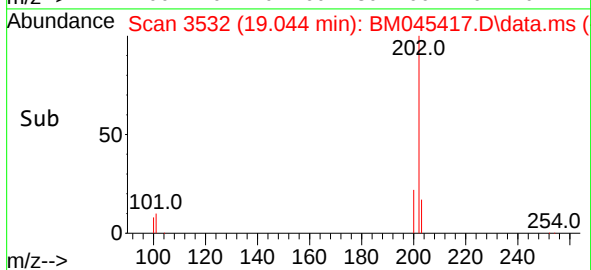
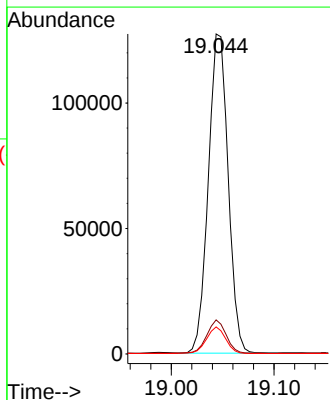
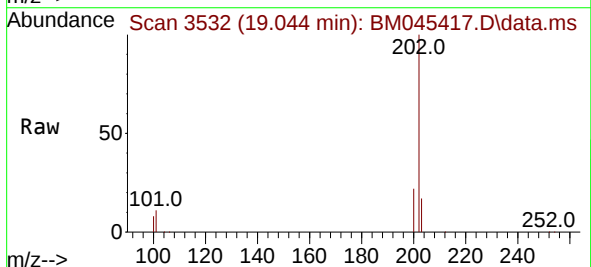
Manual Integrations
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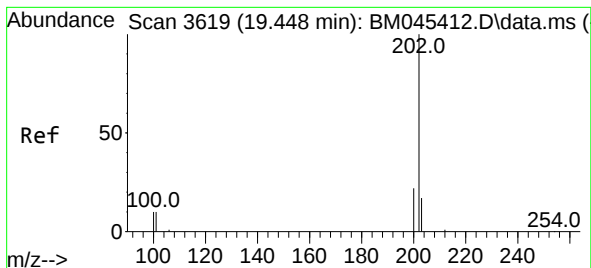
Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024



#19
 Fluoranthene
 Concen: 12.967 ng/ul
 RT: 19.044 min Scan# 3532
 Delta R.T. -0.041 min
 Lab File: BM045417.D
 Acq: 20 Apr 2024 07:03

Tgt Ion:202 Resp: 170475
 Ion Ratio Lower Upper
 202 100
 101 10.7 8.8 13.2
 100 8.5 7.0 10.4





#20

Pyrene

Concen: 6.469 ng/ul

RT: 19.411 min Scan# 30

Delta R.T. -0.037 min

Lab File: BM045417.D

Acq: 20 Apr 2024 07:03

Instrument :

BNA_M

ClientSampleId :

C0AK6

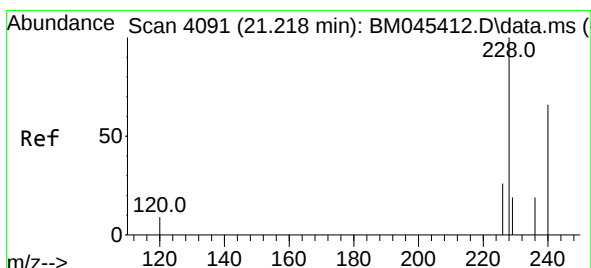
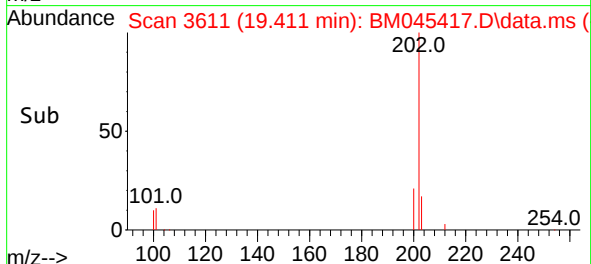
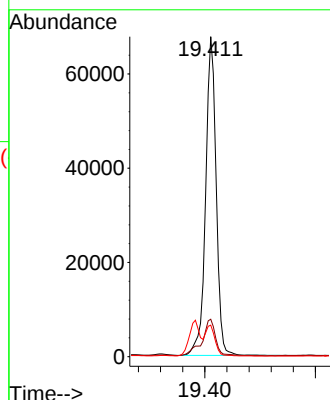
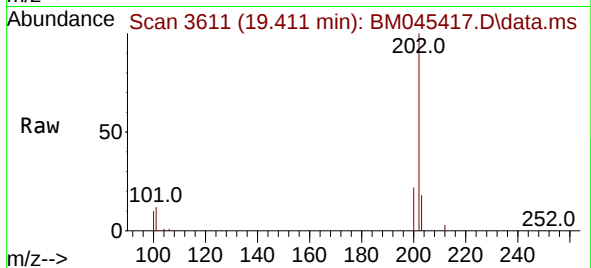
Tgt Ion:202	Resp:	8981
Ion Ratio	Lower	Upper
202	100	
101	11.7	9.8 14.6
100	9.9	8.1 12.1

Manual Integrations

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Supervised By :mohammad ahmed 04/22/2024



#21

Benzo(a)anthracene

Concen: 0.291 ng/ul m

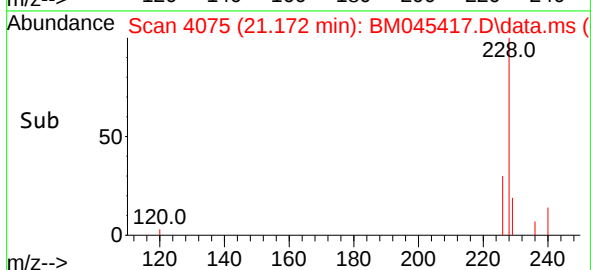
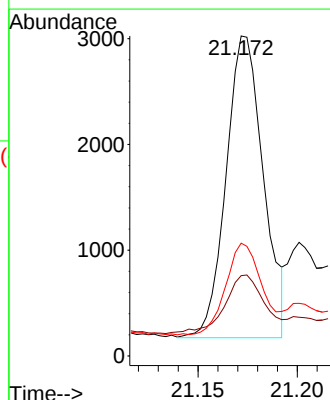
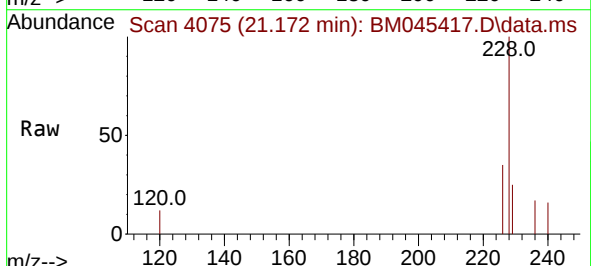
RT: 21.172 min Scan# 4075

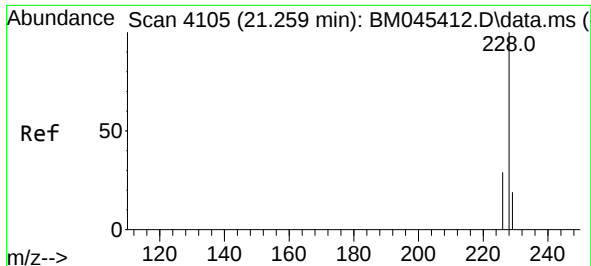
Delta R.T. -0.039 min

Lab File: BM045417.D

Acq: 20 Apr 2024 07:03

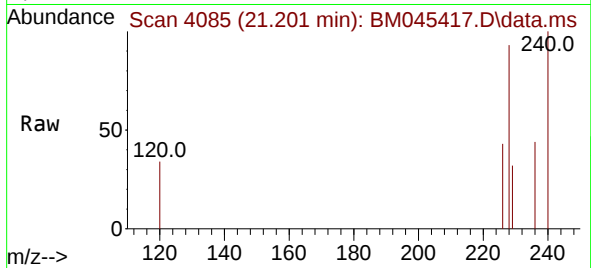
Tgt Ion:228	Resp:	3723
Ion Ratio	Lower	Upper
228	100	
229	25.1	16.4 24.6#
226	35.2	22.3 33.5#





#22
Chrysene
Concen: 0.124 ng/ul m
RT: 21.201 min Scan# 4085
Delta R.T. -0.054 min
Lab File: BM045417.D
Acq: 20 Apr 2024 07:03

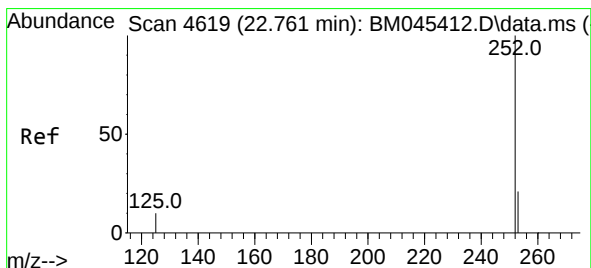
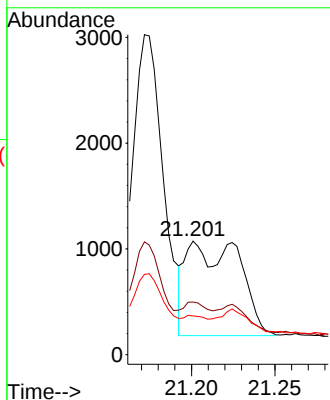
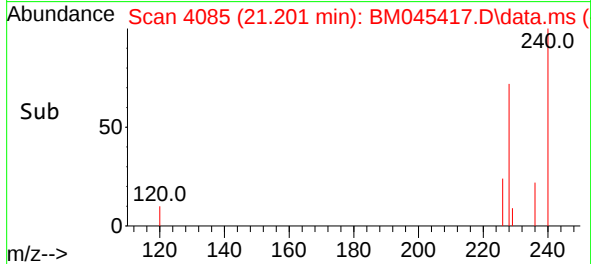
Instrument :
BNA_M
ClientSampleId :
C0AK6



Tgt Ion:228 Resp: 1979
Ion Ratio Lower Upper
228 100
226 46.4 24.9 37.3#
229 34.1 15.9 23.9#

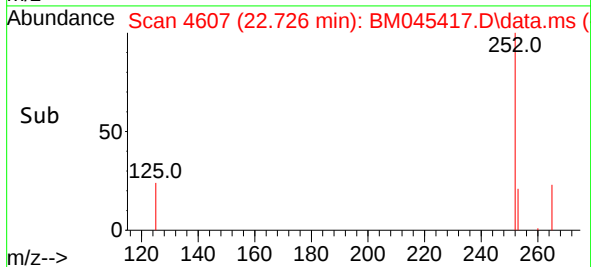
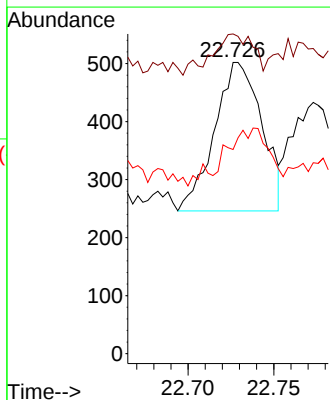
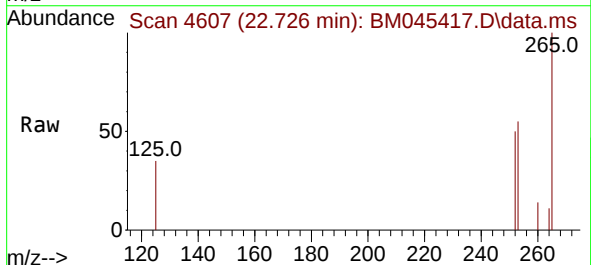
Manual Integrations
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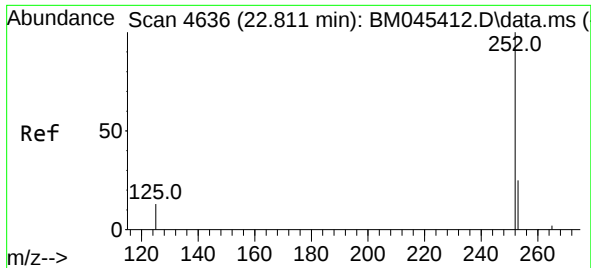
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#24
Benzo(b)fluoranthene
Concen: 0.035 ng/ul
RT: 22.726 min Scan# 4607
Delta R.T. -0.036 min
Lab File: BM045417.D
Acq: 20 Apr 2024 07:03

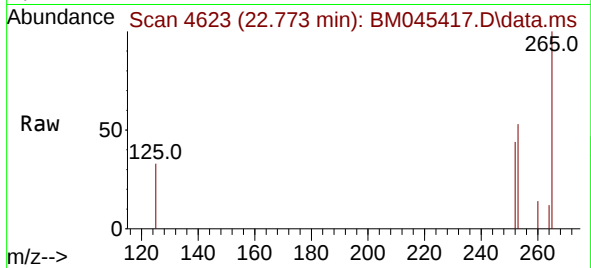
Tgt Ion:252 Resp: 491
Ion Ratio Lower Upper
252 100
253 109.8 0.0 56.4#
125 70.1 0.0 33.4#





#25
Benzo(k)fluoranthene
Concen: 0.022 ng/ul
RT: 22.773 min Scan# 40
Delta R.T. -0.033 min
Lab File: BM045417.D
Acq: 20 Apr 2024 07:03

Instrument :
BNA_M
ClientSampleId :
C0AK6



Tgt Ion:252 Resp: 334
Ion Ratio Lower Upper
252 100
253 121.5 22.3 33.5
125 76.0 11.6 17.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

