

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046320.D
 Acq On : 26 Jun 2024 09:05
 Operator : MA/JU
 Sample : P2909-17
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CQ5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 11:04:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 26 03:24:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.392	152	1912	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.167	136	5835	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.044	164	3411	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.791	188	8105m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.000	240	6991m	0.400	ng/ul	-0.02
23) Perylene-d12	23.086	264	6781m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	8149	3.106	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.794	152	1880	0.240	ng/ul	-0.05
18) Fluoranthene-d10	18.825	212	5426	0.259	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.211	128	477	0.029	ng/ul#	51
10) Acenaphthylene	13.757	152	1620	0.100	ng/ul#	82
12) Fluorene	15.099	166	339	0.027	ng/ul#	90
15) Phenanthrene	16.829	178	5830m	0.256	ng/ul	
16) Anthracene	16.922	178	2126m	0.125	ng/ul	
19) Fluoranthene	18.858	202	17247	0.570	ng/ul	98
20) Pyrene	19.216	202	17077	0.522	ng/ul#	96
21) Benzo(a)anthracene	20.985	228	10116	0.375	ng/ul	92
22) Chrysene	21.038	228	9511	0.276	ng/ul	95
24) Benzo(b)fluoranthene	22.472	252	14754m	0.604	ng/ul	
25) Benzo(k)fluoranthene	22.507	252	6546m	0.225	ng/ul	
26) Benzo(a)pyrene	22.993	252	10107	0.446	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.135	276	7961m	0.215	ng/ul	
28) Dibenzo(a,h)anthracene	25.138	278	1561m	0.057	ng/ul	
29) Benzo(g,h,i)perylene	25.749	276	8323	0.262	ng/ul	94

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

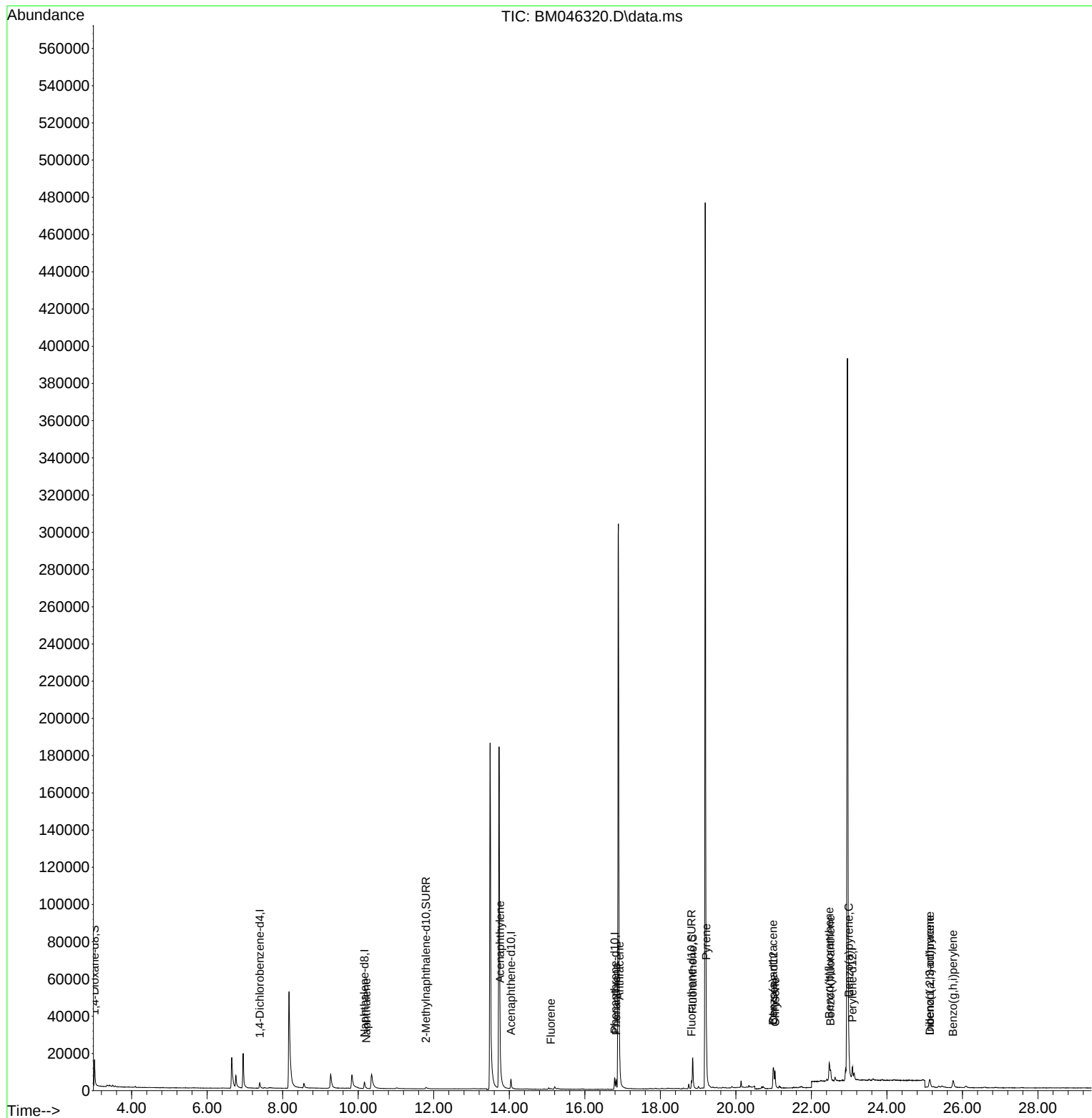
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046320.D
Acq On : 26 Jun 2024 09:05
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ALS Vial : 81 Sample Multiplier: 1

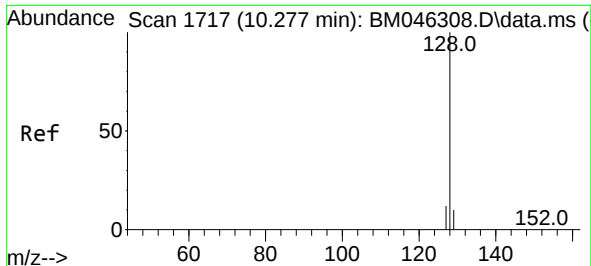
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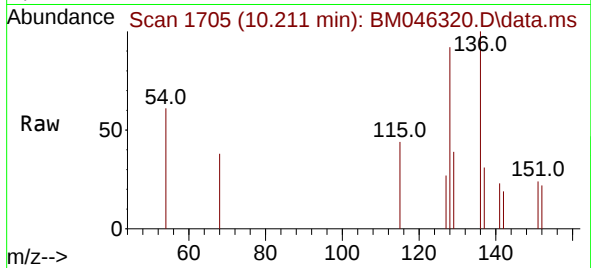
Quant Time: Jun 26 11:04:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 26 03:24:28 2024
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#5
Naphthalene
Concen: 0.029 ng/ul
RT: 10.211 min Scan# 1705
Delta R.T. -0.066 min
Lab File: BM046320.D
Acq: 26 Jun 2024 09:05

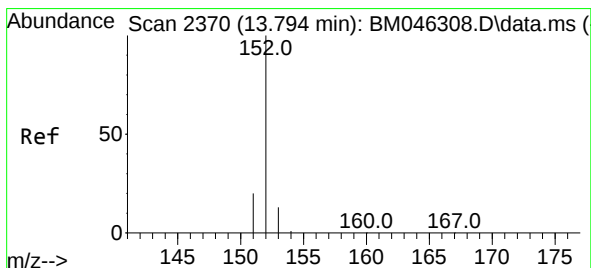
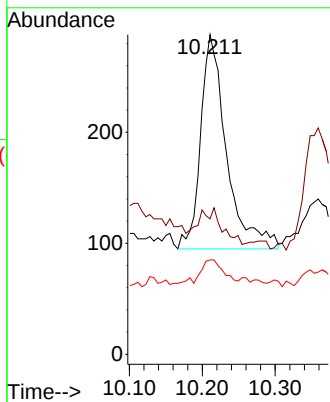
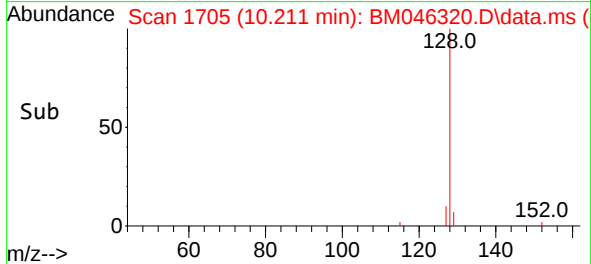
Instrument :
BNA_M
ClientSampleId :
A4CQ5



Tgt Ion:128 Resp: 477
Ion Ratio Lower Upper
128 100
129 42.4 11.8 17.6#
127 29.5 12.8 19.2#

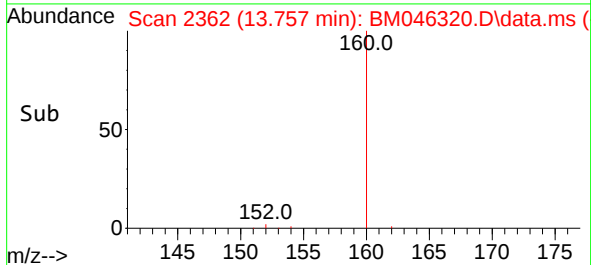
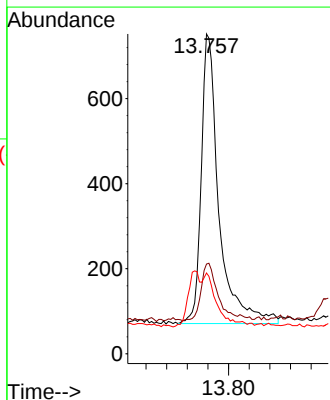
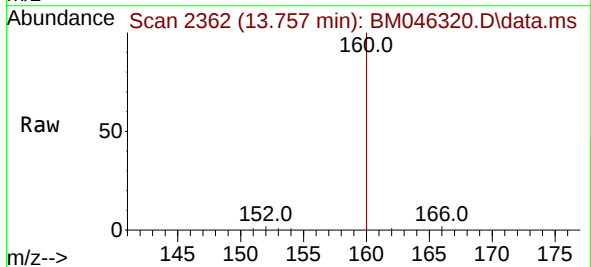
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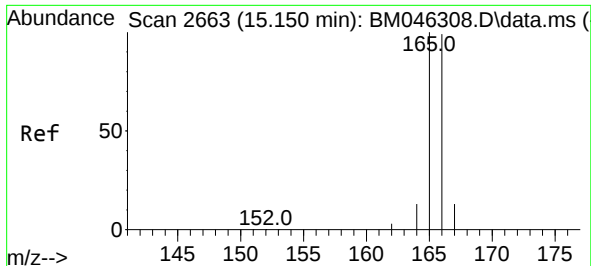
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#10
Acenaphthylene
Concen: 0.100 ng/ul
RT: 13.757 min Scan# 2362
Delta R.T. -0.037 min
Lab File: BM046320.D
Acq: 26 Jun 2024 09:05

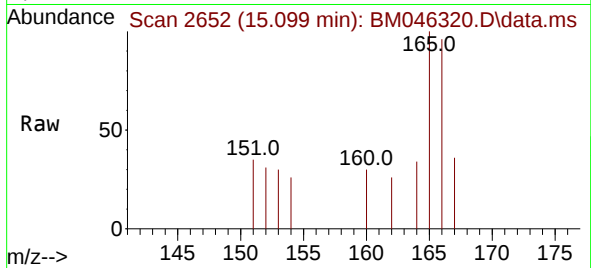
Tgt Ion:152 Resp: 1620
Ion Ratio Lower Upper
152 100
151 28.1 17.4 26.2#
153 25.3 11.8 17.8#





#12
Fluorene
Concen: 0.027 ng/ul
RT: 15.099 min Scan# 20652
Delta R.T. -0.051 min
Lab File: BM046320.D
Acq: 26 Jun 2024 09:05

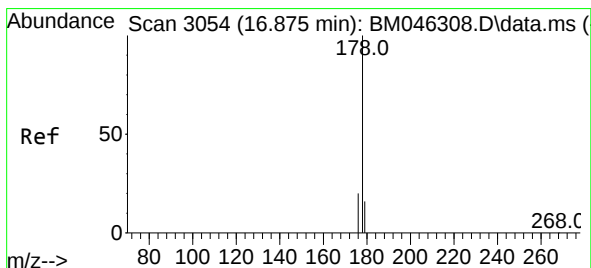
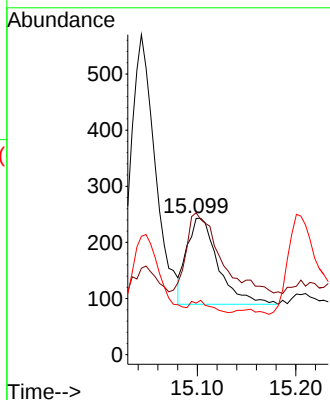
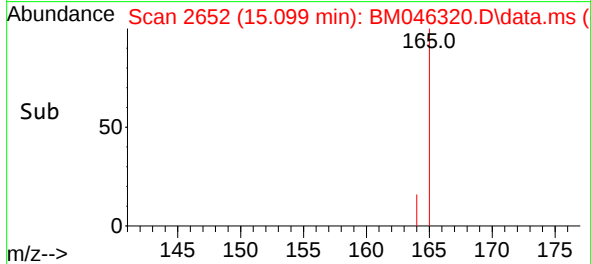
Instrument :
BNA_M
ClientSampleId :
A4CQ5



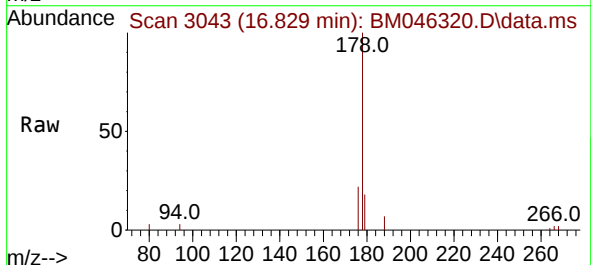
Tgt Ion:166 Resp: 339
Ion Ratio Lower Upper
166 100
165 104.1 80.4 120.6
167 37.9 12.4 18.6

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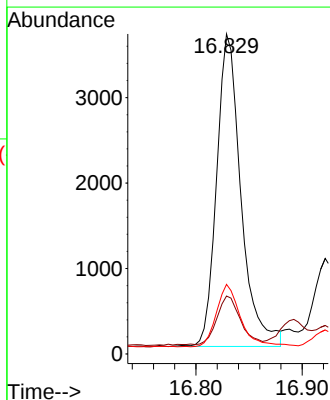
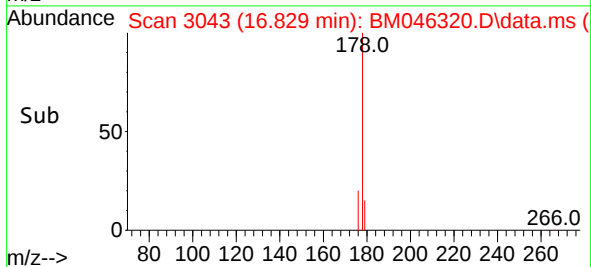
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

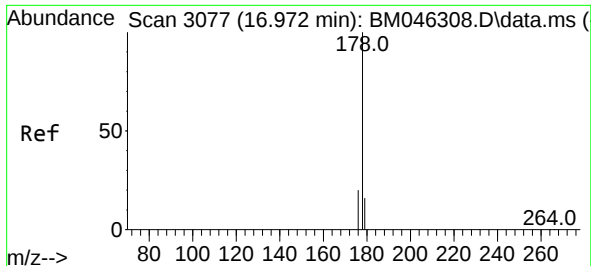


#15
Phenanthrene
Concen: 0.256 ng/ul m
RT: 16.829 min Scan# 3043
Delta R.T. -0.047 min
Lab File: BM046320.D
Acq: 26 Jun 2024 09:05



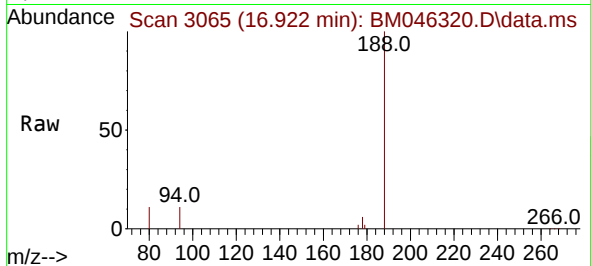
Tgt Ion:178 Resp: 5830
Ion Ratio Lower Upper
178 100
179 18.1 14.2 21.2
176 21.8 17.1 25.7





#16
 Anthracene
 Concen: 0.125 ng/ul m
 RT: 16.922 min Scan# 3077
 Delta R.T. -0.051 min
 Lab File: BM046320.D
 Acq: 26 Jun 2024 09:05

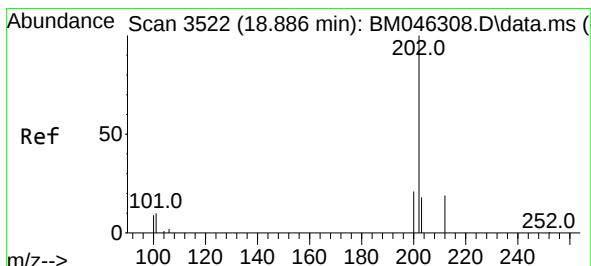
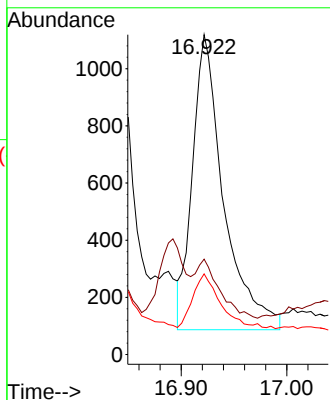
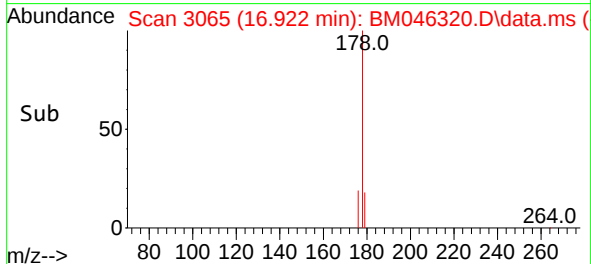
Instrument :
 BNA_M
 ClientSampleId :
 A4CQ5



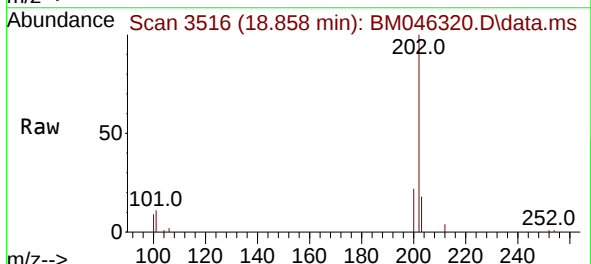
Tgt Ion:178 Resp: 2120
 Ion Ratio Lower Upper
 178 100
 179 29.8 14.9 22.3
 176 25.2 17.0 25.4

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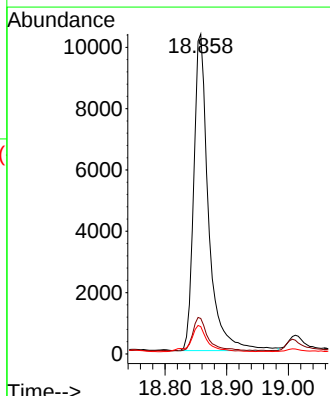
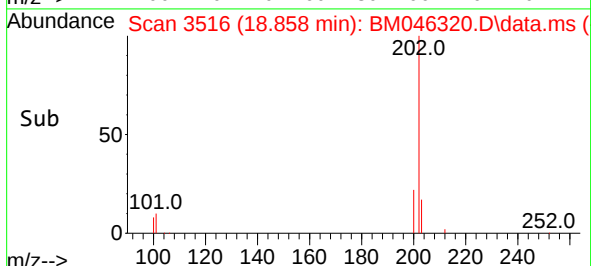
Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

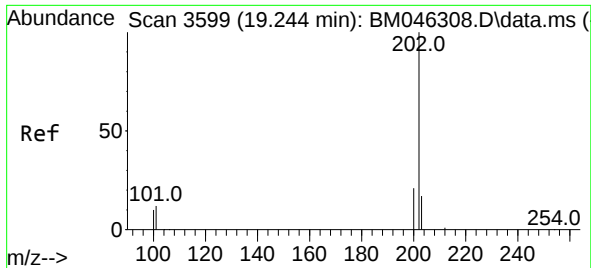


#19
 Fluoranthene
 Concen: 0.570 ng/ul
 RT: 18.858 min Scan# 3516
 Delta R.T. -0.028 min
 Lab File: BM046320.D
 Acq: 26 Jun 2024 09:05



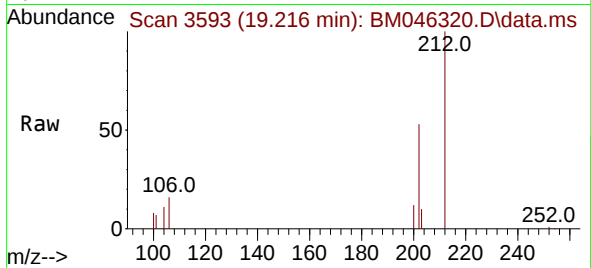
Tgt Ion:202 Resp: 17247
 Ion Ratio Lower Upper
 202 100
 101 11.1 9.6 14.4
 100 8.6 7.6 11.4





#20
Pyrene
Concen: 0.522 ng/u1
RT: 19.216 min Scan# 31
Delta R.T. -0.028 min
Lab File: BM046320.D
Acq: 26 Jun 2024 09:05

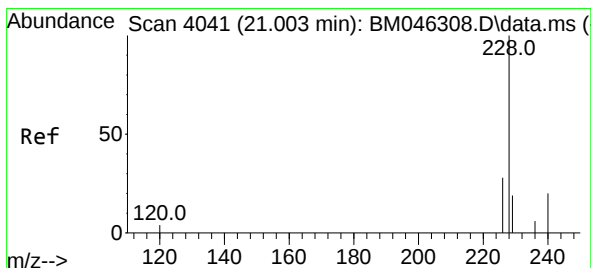
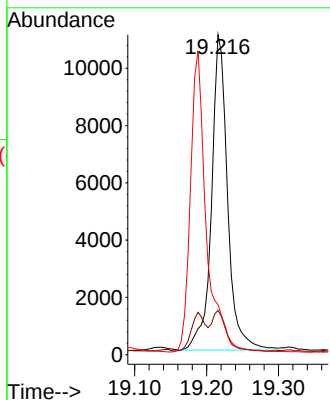
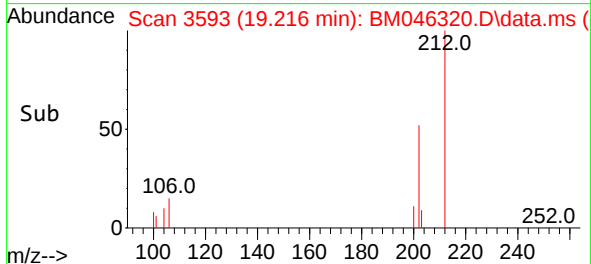
Instrument :
BNA_M
ClientSampleId :
A4CQ5



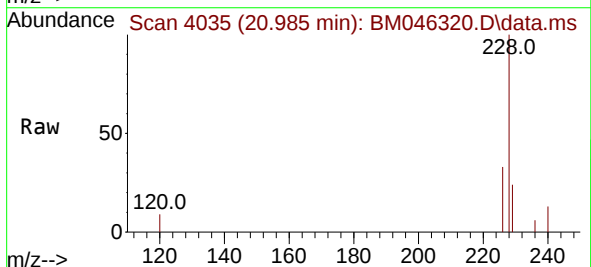
Tgt Ion:202 Resp: 1707
Ion Ratio Lower Upper
202 100
101 13.9 11.3 16.9
100 15.6 9.8 14.6

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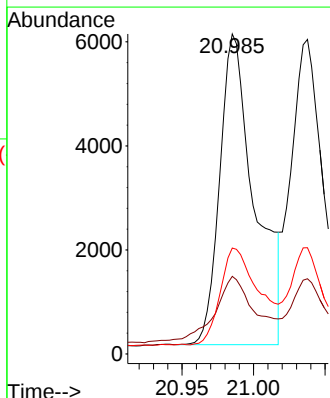
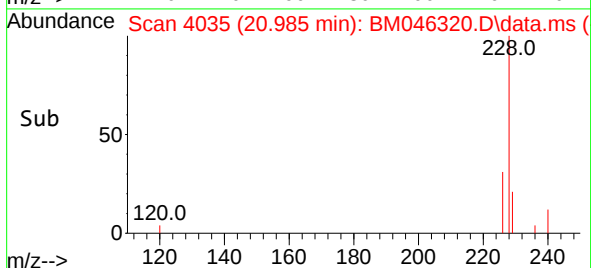
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Supervised By :mohammad ahmed 06/27/2024

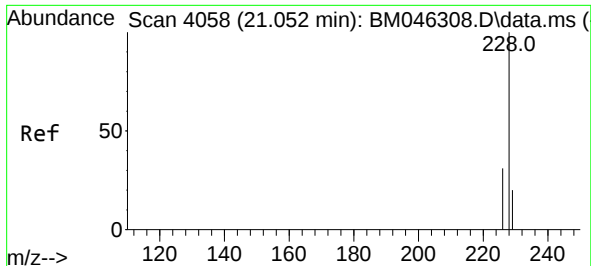


#21
Benzo(a)anthracene
Concen: 0.375 ng/u1
RT: 20.985 min Scan# 4035
Delta R.T. -0.018 min
Lab File: BM046320.D
Acq: 26 Jun 2024 09:05



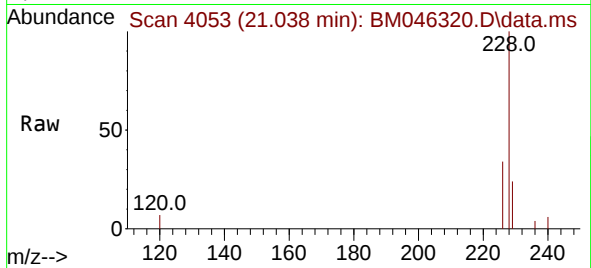
Tgt Ion:228 Resp: 10116
Ion Ratio Lower Upper
228 100
229 24.3 16.4 24.6
226 33.1 23.4 35.2





#22
Chrysene
Concen: 0.276 ng/ul
RT: 21.038 min Scan# 4058
Delta R.T. -0.015 min
Lab File: BM046320.D
Acq: 26 Jun 2024 09:05

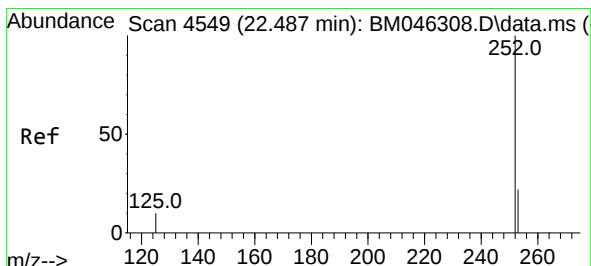
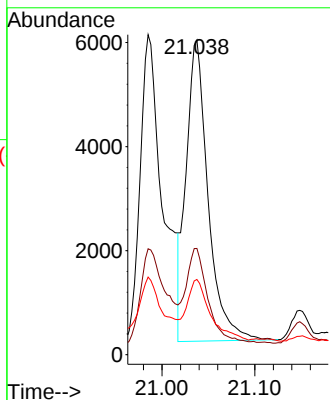
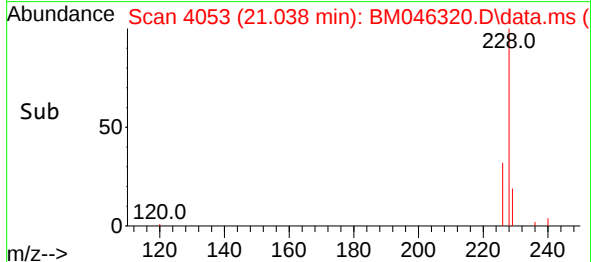
Instrument :
BNA_M
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A4CQ5



Tgt Ion:228 Resp: 951
Ion Ratio Lower Upper
228 100
226 33.8 25.2 37.8
229 23.9 16.3 24.5

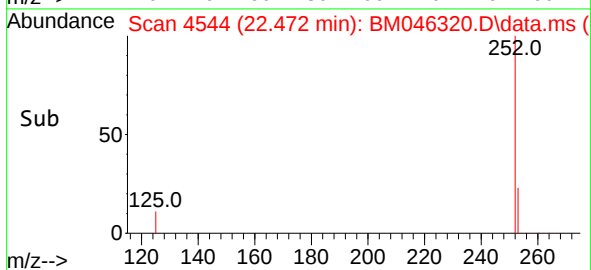
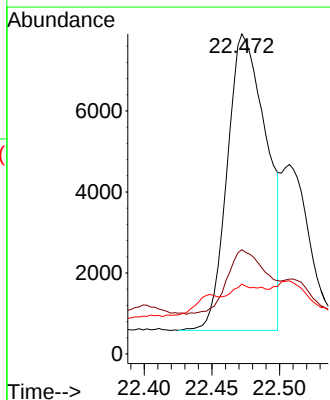
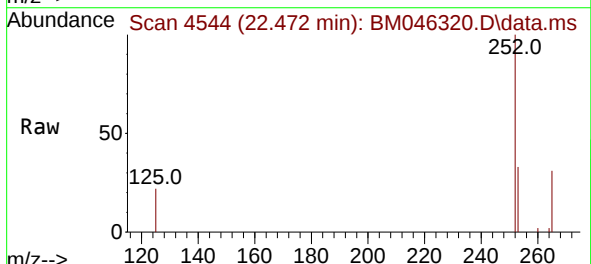
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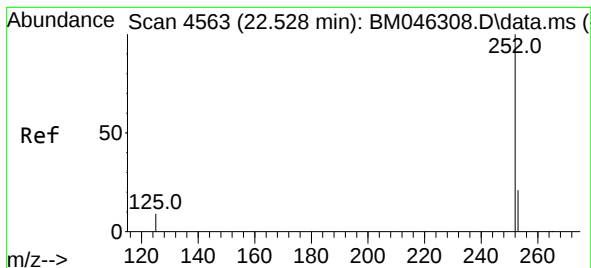
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#24
Benzo(b)fluoranthene
Concen: 0.604 ng/ul m
RT: 22.472 min Scan# 4544
Delta R.T. -0.015 min
Lab File: BM046320.D
Acq: 26 Jun 2024 09:05

Tgt Ion:252 Resp: 14754
Ion Ratio Lower Upper
252 100
253 32.6 0.0 65.8
125 21.8 0.0 40.2





#25

Benzo(k)fluoranthene

Concen: 0.225 ng/ul m

RT: 22.507 min Scan# 4

Delta R.T. -0.021 min

Lab File: BM046320.D

Acq: 26 Jun 2024 09:05

Instrument :

BNA_M

ClientSampleId :

A4CQ5

Tgt Ion:252 Resp: 6540

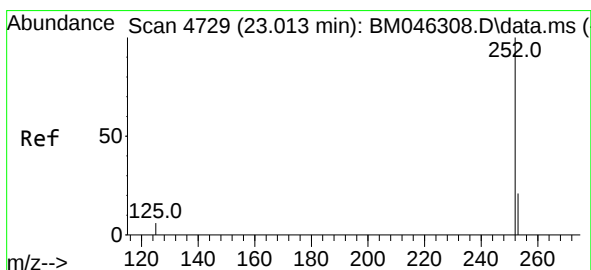
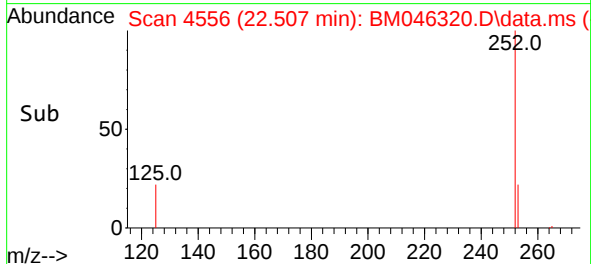
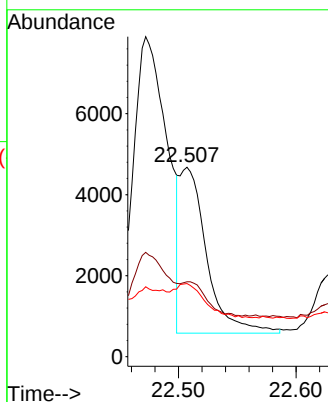
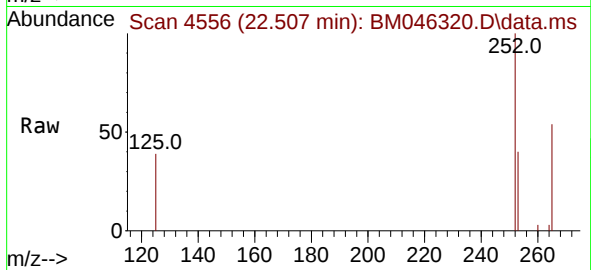
Ion	Ratio	Lower	Upper
252	100		
253	39.6	27.2	40.8
125	38.6	16.6	25.0

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2024



#26

Benzo(a)pyrene

Concen: 0.446 ng/ul

RT: 22.993 min Scan# 4722

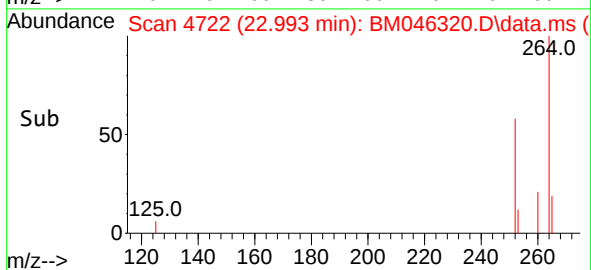
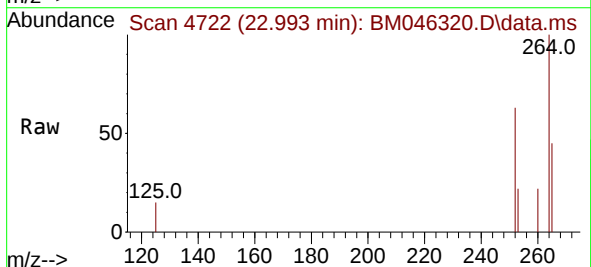
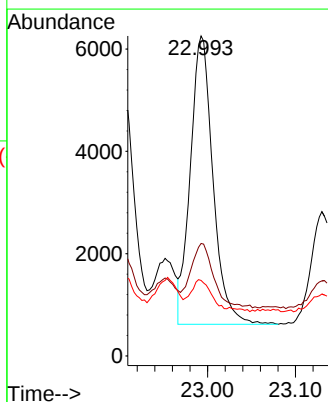
Delta R.T. -0.021 min

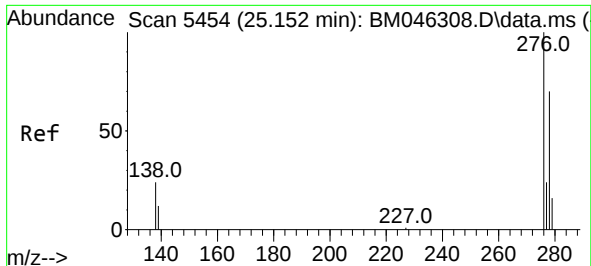
Lab File: BM046320.D

Acq: 26 Jun 2024 09:05

Tgt Ion:252 Resp: 10107

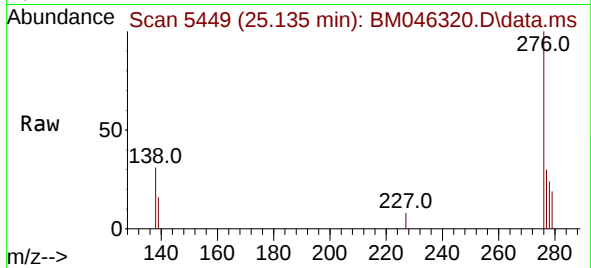
Ion	Ratio	Lower	Upper
252	100		
253	35.1	32.1	48.1
125	23.6	21.2	31.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.215 ng/ul m
RT: 25.135 min Scan# 54
Delta R.T. -0.017 min
Lab File: BM046320.D
Acq: 26 Jun 2024 09:05

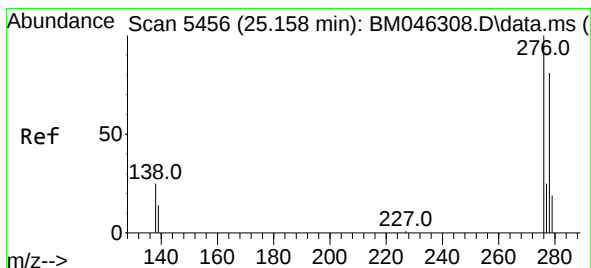
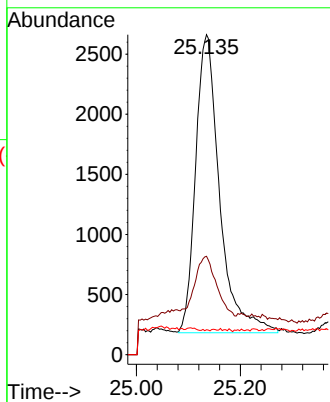
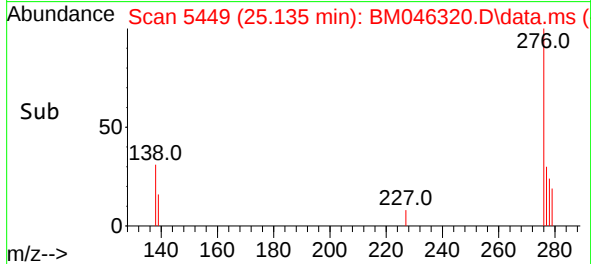
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A4CQ5



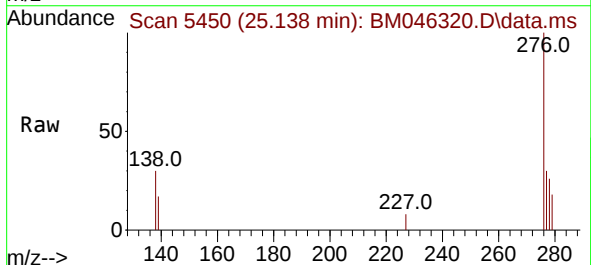
Tgt Ion: 276 Resp: 796
Ion Ratio Lower Upper
276 100
138 24.2 21.0 31.4
227 0.0 0.0 0.0

Manual Integrations
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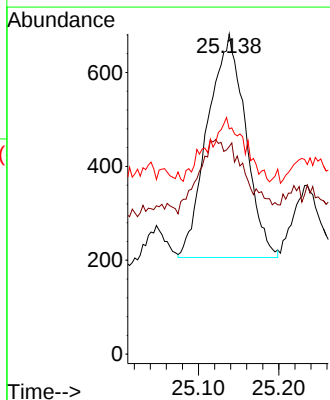
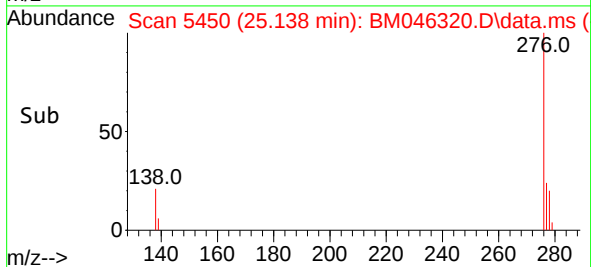
Reviewed By : Yogesh Patel 06/26/2024
Supervised By : mohammad ahmed 06/27/2024

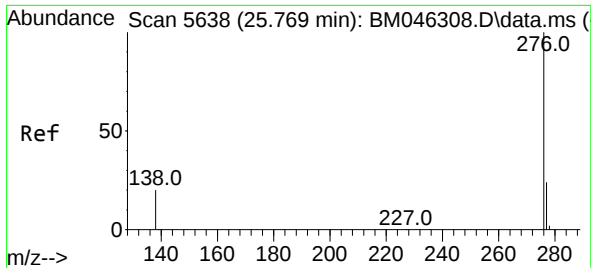


#28
Dibenzo(a,h)anthracene
Concen: 0.057 ng/ul m
RT: 25.138 min Scan# 5450
Delta R.T. -0.020 min
Lab File: BM046320.D
Acq: 26 Jun 2024 09:05



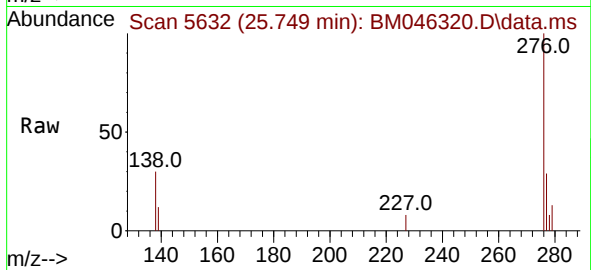
Tgt Ion: 278 Resp: 1561
Ion Ratio Lower Upper
278 100
139 64.8 17.6 26.4#
279 70.4 26.3 39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.262 ng/ul
RT: 25.749 min Scan# 50
Delta R.T. -0.020 min
Lab File: BM046320.D
Acq: 26 Jun 2024 09:05

Instrument :
BNA_M
ClientSampleId :
A4CQ5



Tgt Ion:276 Resp: 832
Ion Ratio Lower Upper
276 100
138 30.0 21.7 32.5
277 28.9 20.4 30.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

