

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046145.D
 Acq On : 21 Jun 2024 05:06
 Operator : MA/JU
 Sample : P2710-07DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BL4DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 05:51:36 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 : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	2852	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.231	136	7872	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.080	164	4435	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.823	188	8866	0.400	ng/ul	-0.04
17) Chrysene-d12	21.015	240	7694	0.400	ng/ul	-0.03
23) Perylene-d12	23.107	264	8986m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	2378	0.608	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.859	152	455	0.043	ng/ul	0.00
18) Fluoranthene-d10	18.852	212	1106	0.048	ng/ul	-0.03
Target Compounds						Qvalue
5) Naphthalene	10.281	128	877	0.040	ng/ul#	65
7) 2-Methylnaphthalene	11.936	142	262	0.021	ng/ul	97
10) Acenaphthylene	13.802	152	2405	0.114	ng/ul#	92
11) Acenaphthene	14.145	153	1219	0.080	ng/ul	98
12) Fluorene	15.139	166	1373	0.084	ng/ul#	96
15) Phenanthrene	16.866	178	33608	1.349	ng/ul	96
16) Anthracene	16.958	178	5841	0.315	ng/ul	96
19) Fluoranthene	18.880	202	86895	2.608	ng/ul	97
20) Pyrene	19.242	202	63639	1.766	ng/ul	96
21) Benzo(a)anthracene	20.997	228	34273	1.153	ng/ul	99
22) Chrysene	21.050	228	42459	1.119	ng/ul	99
24) Benzo(b)fluoranthene	22.490	252	66369m	2.050	ng/ul	
25) Benzo(k)fluoranthene	22.528	252	21829m	0.567	ng/ul	
26) Benzo(a)pyrene	23.016	252	22494	0.750	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.155	276	25666	0.523	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.155	278	7466	0.204	ng/ul	95
29) Benzo(g,h,i)perylene	25.779	276	3748	0.089	ng/ul#	82

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

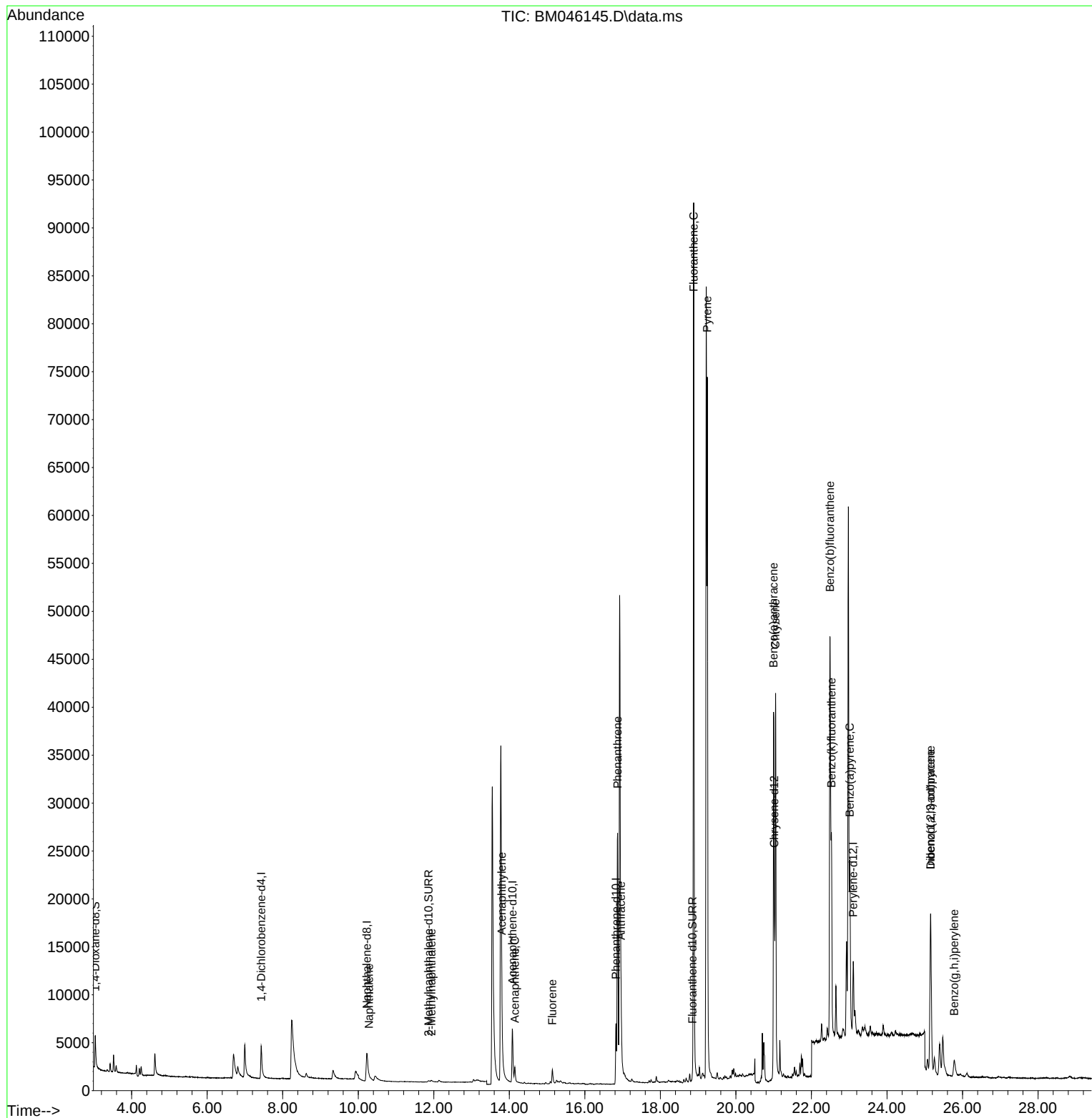
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046145.D
Acq On : 21 Jun 2024 05:06
Operator : MA/JU
Sample : P2710-07DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

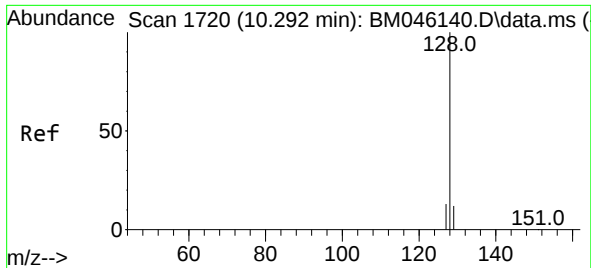
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A4BL4DL

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Supervised By :mohammad ahmed 06/24/2024

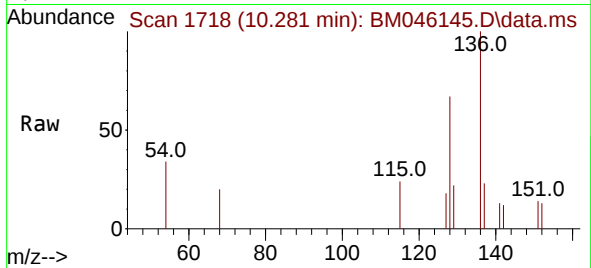
Quant Time: Jun 21 05:51:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.040 ng/ul
RT: 10.281 min Scan# 1718
Delta R.T. -0.022 min
Lab File: BM046145.D
Acq: 21 Jun 2024 05:06

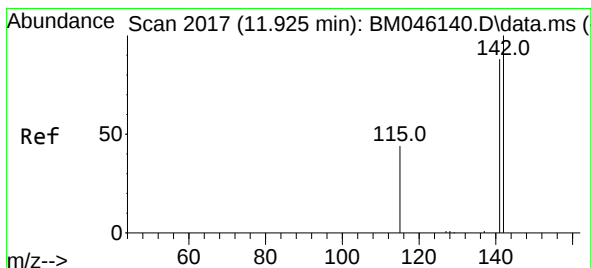
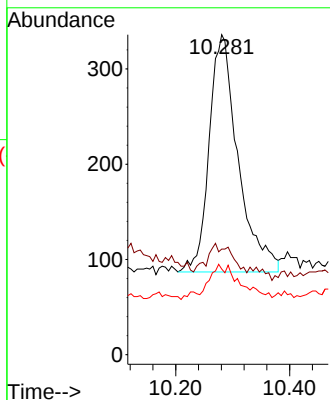
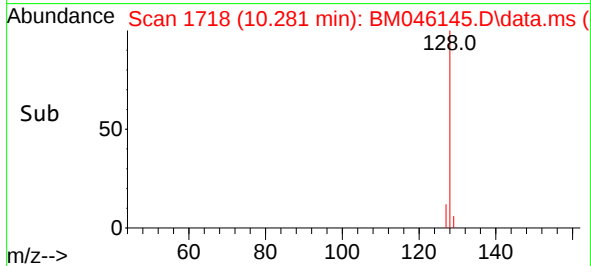
Instrument :
BNA_M
ClientSampleId :
A4BL4DL



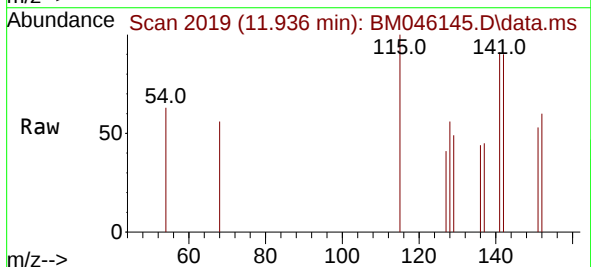
Tgt Ion:128 Resp: 87
Ion Ratio Lower Upper
128 100
129 33.0 11.8 17.6
127 26.8 12.8 19.2

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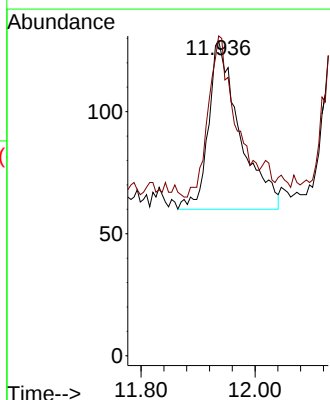
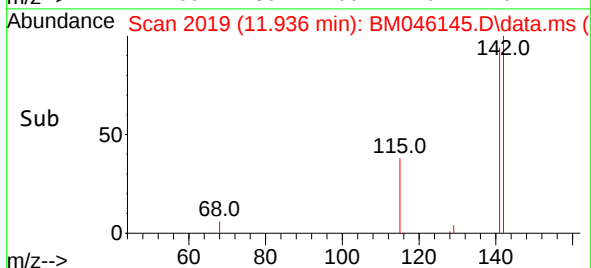
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

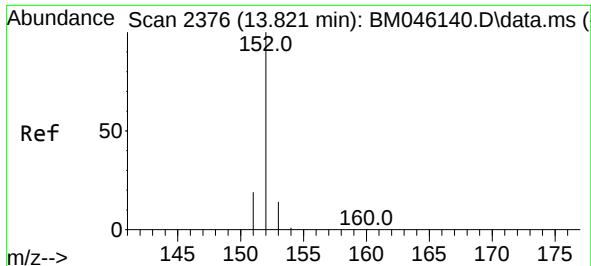


#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 11.936 min Scan# 2019
Delta R.T. -0.011 min
Lab File: BM046145.D
Acq: 21 Jun 2024 05:06



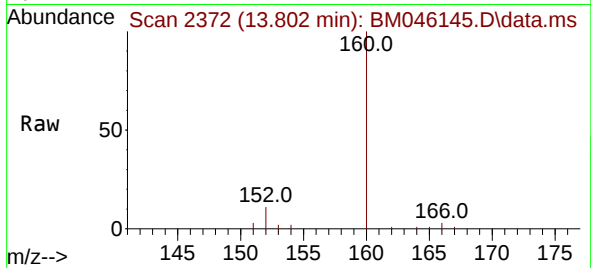
Tgt Ion:142 Resp: 262
Ion Ratio Lower Upper
142 100
141 90.5 74.6 111.8





#10
Acenaphthylene
Concen: 0.114 ng/ul
RT: 13.802 min Scan# 21
Delta R.T. -0.032 min
Lab File: BM046145.D
Acq: 21 Jun 2024 05:06

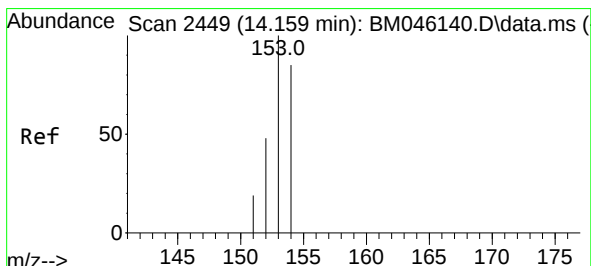
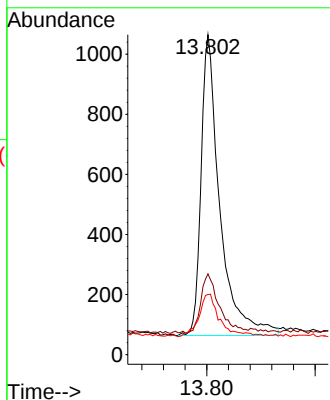
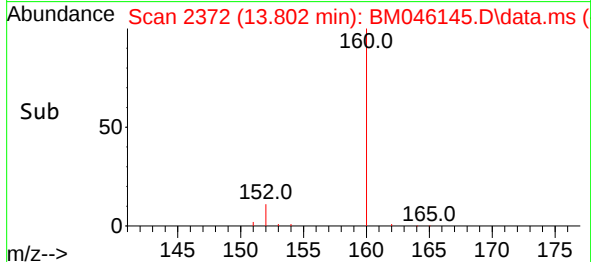
Instrument :
BNA_M
ClientSampleId :
A4BL4DL



Tgt Ion:152 Resp: 240
Ion Ratio Lower Upper
152 100
151 25.3 17.4 26.2
153 18.8 11.8 17.8

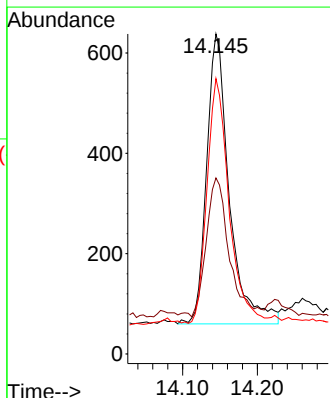
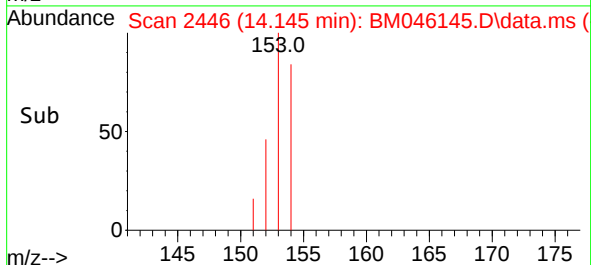
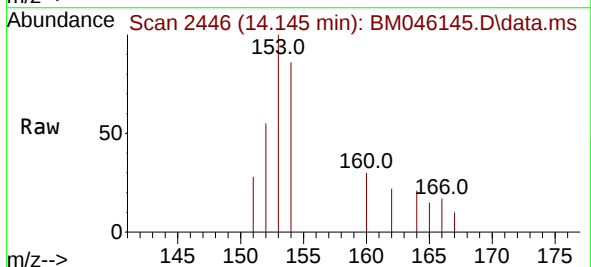
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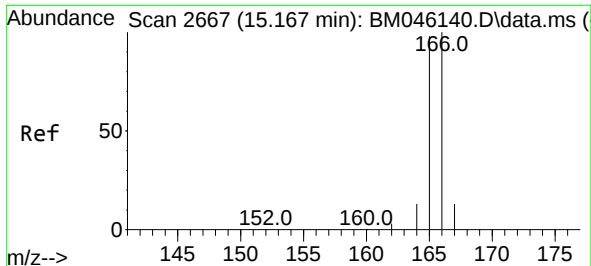
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#11
Acenaphthene
Concen: 0.080 ng/ul
RT: 14.145 min Scan# 2446
Delta R.T. -0.028 min
Lab File: BM046145.D
Acq: 21 Jun 2024 05:06

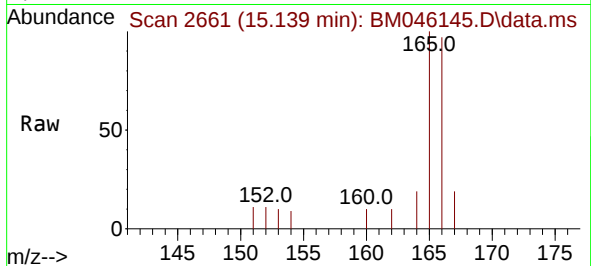
Tgt Ion:153 Resp: 1219
Ion Ratio Lower Upper
153 100
152 55.0 41.3 61.9
154 86.1 68.2 102.4





#12
Fluorene
Concen: 0.084 ng/ul
RT: 15.139 min Scan# 2061
Delta R.T. -0.042 min
Lab File: BM046145.D
Acq: 21 Jun 2024 05:06

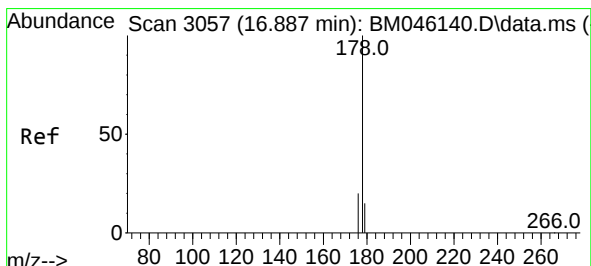
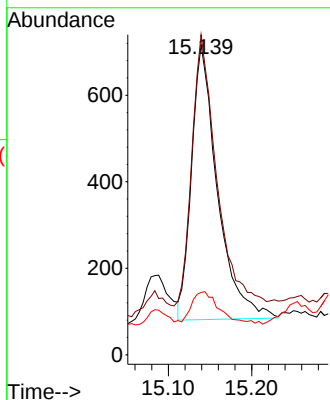
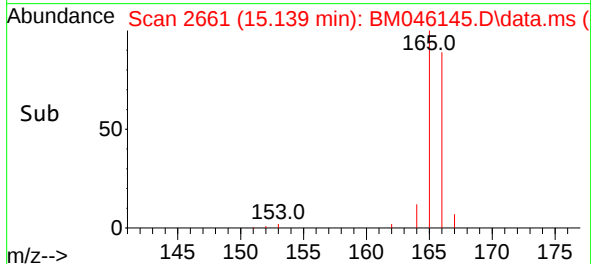
Instrument :
BNA_M
ClientSampleId :
A4BL4DL



Tgt Ion:166 Resp: 137
Ion Ratio Lower Upper
166 100
165 103.2 80.4 120.6
167 20.1 12.4 18.6

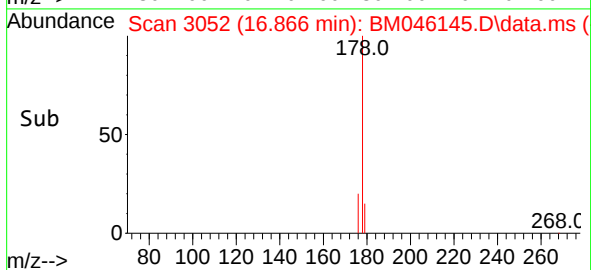
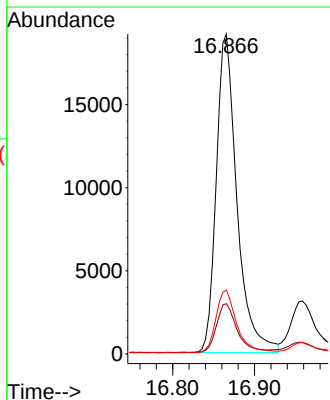
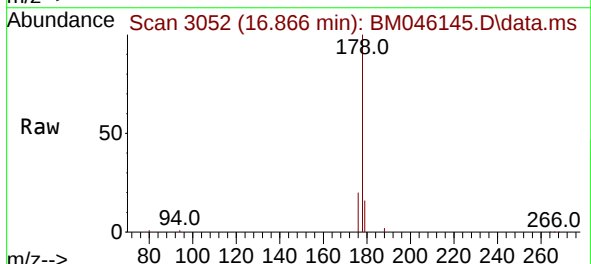
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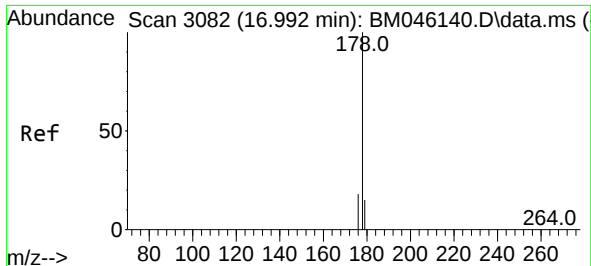
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#15
Phenanthrene
Concen: 1.349 ng/ul
RT: 16.866 min Scan# 3052
Delta R.T. -0.038 min
Lab File: BM046145.D
Acq: 21 Jun 2024 05:06

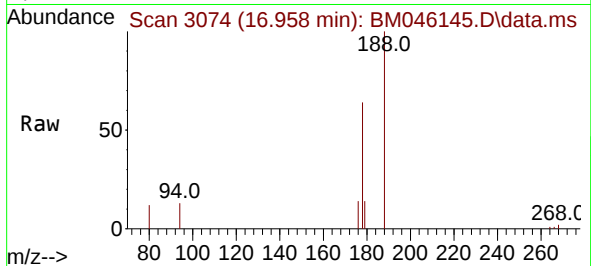
Tgt Ion:178 Resp: 33608
Ion Ratio Lower Upper
178 100
179 15.7 14.2 21.2
176 20.0 17.1 25.7





#16
 Anthracene
 Concen: 0.315 ng/ul
 RT: 16.958 min Scan# 3082
 Delta R.T. -0.046 min
 Lab File: BM046145.D
 Acq: 21 Jun 2024 05:06

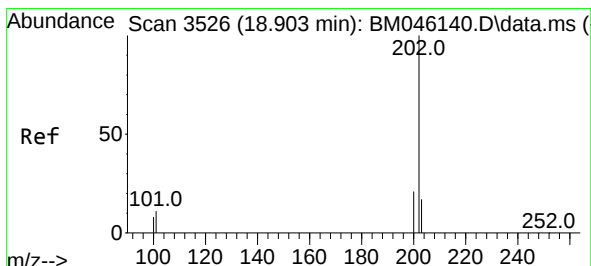
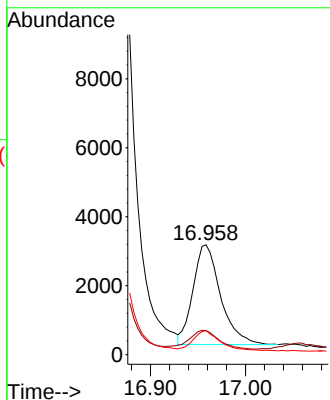
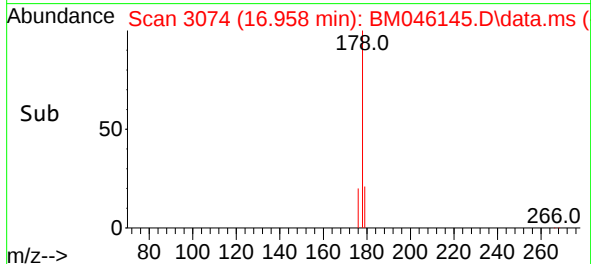
Instrument :
 BNA_M
 ClientSampleId :
 A4BL4DL



Tgt Ion:178 Resp: 584
 Ion Ratio Lower Upper
 178 100
 179 22.0 14.9 22.3
 176 21.8 17.0 25.4

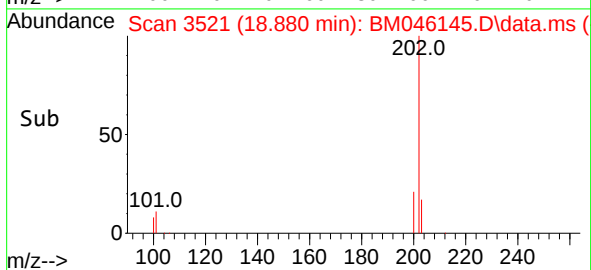
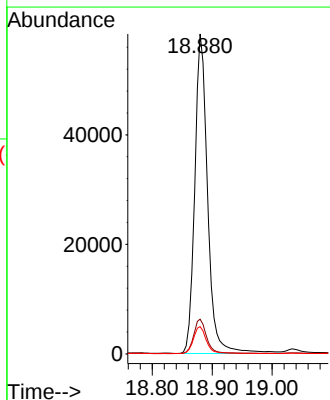
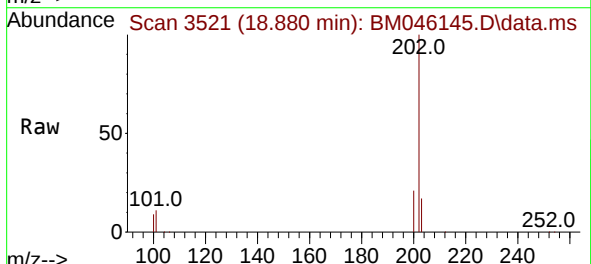
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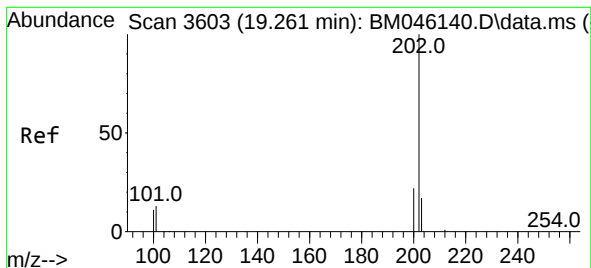
Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024



#19
 Fluoranthene
 Concen: 2.608 ng/ul
 RT: 18.880 min Scan# 3521
 Delta R.T. -0.037 min
 Lab File: BM046145.D
 Acq: 21 Jun 2024 05:06

Tgt Ion:202 Resp: 86895
 Ion Ratio Lower Upper
 202 100
 101 10.8 9.6 14.4
 100 8.5 7.6 11.4





#20

Pyrene

Concen: 1.766 ng/uI

RT: 19.242 min Scan# 3

Delta R.T. -0.033 min

Lab File: BM046145.D

Acq: 21 Jun 2024 05:06

Instrument :

BNA_M

ClientSampleId :

A4BL4DL

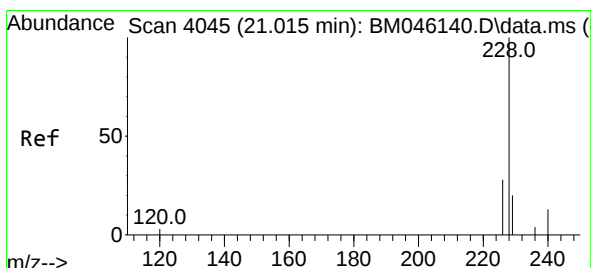
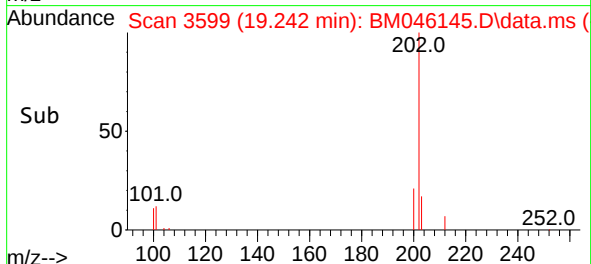
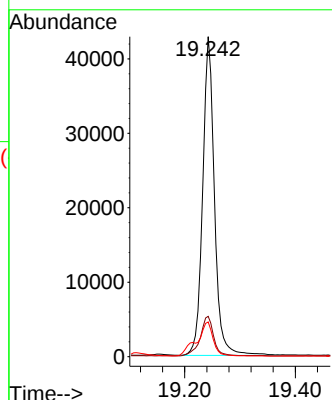
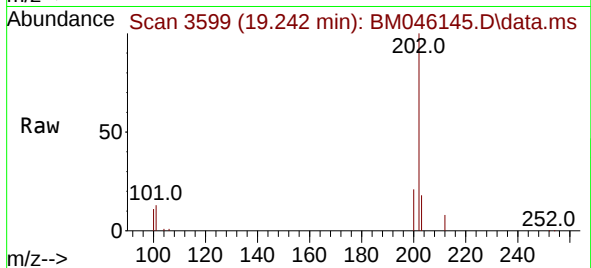
Tgt Ion:202 Resp: 63639

Ion	Ratio	Lower	Upper
202	100		
101	12.6	11.3	16.9
100	10.8	9.8	14.6

Manual Integrations

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#21

Benzo(a)anthracene

Concen: 1.153 ng/uI

RT: 20.997 min Scan# 4039

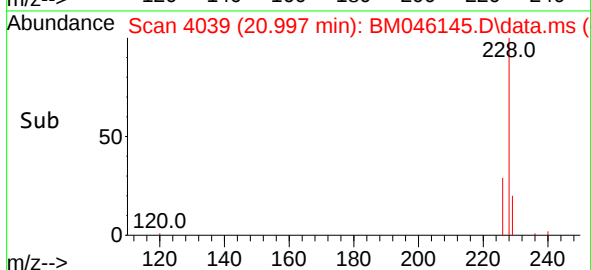
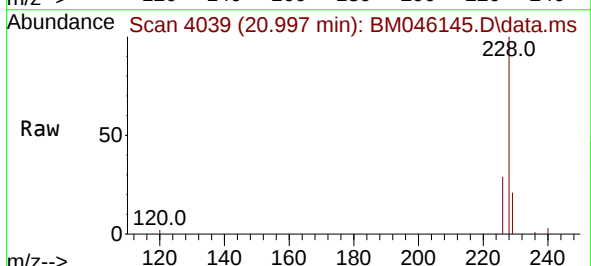
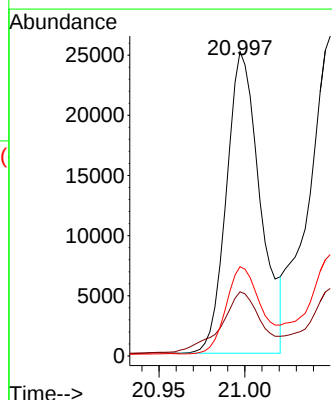
Delta R.T. -0.032 min

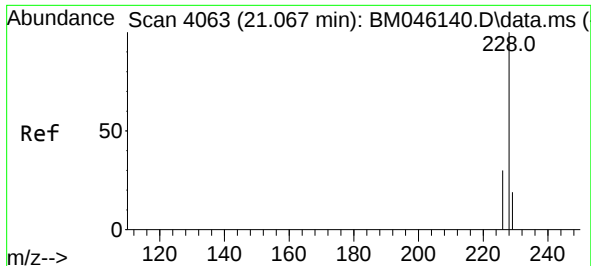
Lab File: BM046145.D

Acq: 21 Jun 2024 05:06

Tgt Ion:228 Resp: 34273

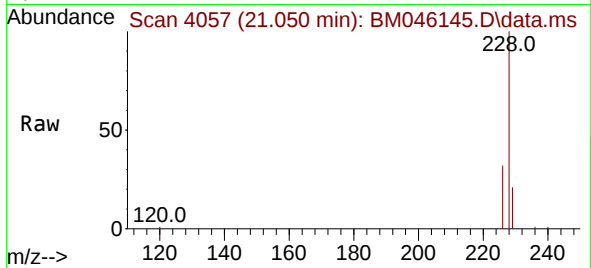
Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.4	24.6
226	29.3	23.4	35.2





#22
Chrysene
Concen: 1.119 ng/ul
RT: 21.050 min Scan# 4063
Delta R.T. -0.026 min
Lab File: BM046145.D
Acq: 21 Jun 2024 05:06

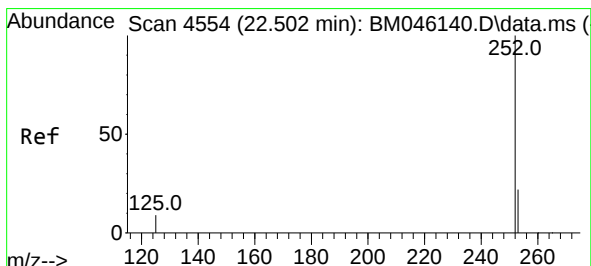
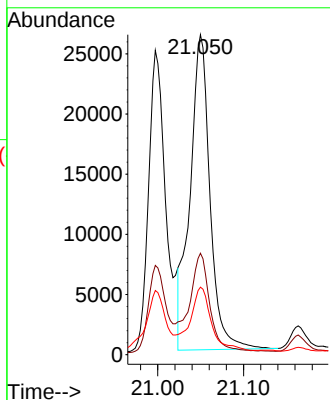
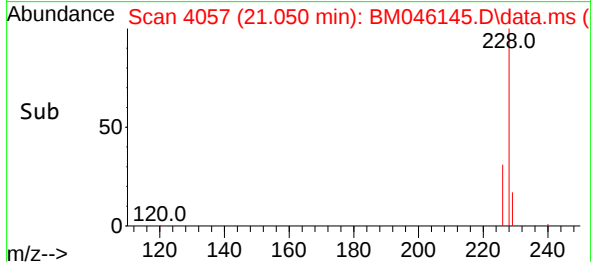
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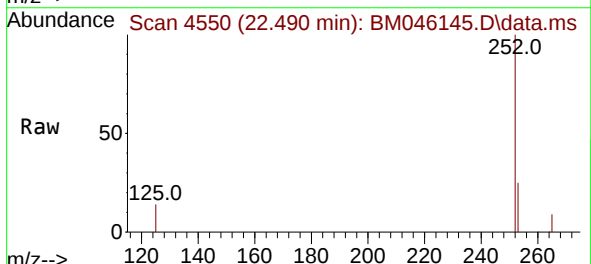
Tgt Ion:228 Resp: 42459
Ion Ratio Lower Upper
228 100
226 31.7 25.2 37.8
229 21.1 16.3 24.5

Manual Integrations
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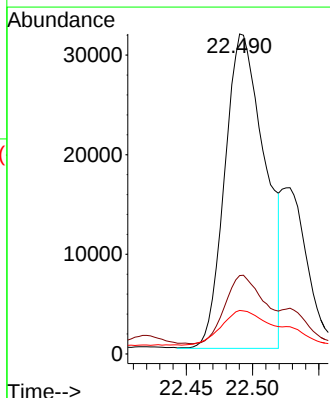
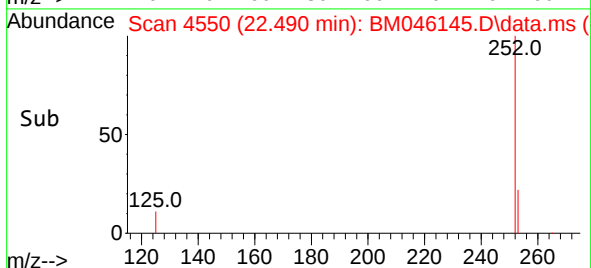
Reviewed By :Jagrut Upadhyay 06/21/2024
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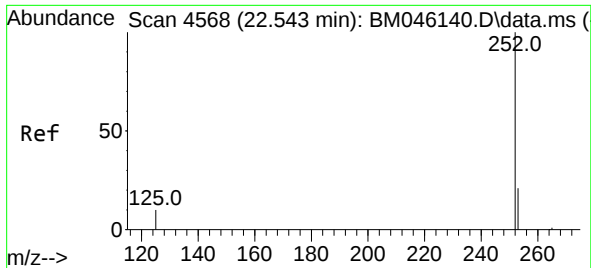


#24
Benzo(b)fluoranthene
Concen: 2.050 ng/ul m
RT: 22.490 min Scan# 4550
Delta R.T. -0.029 min
Lab File: BM046145.D
Acq: 21 Jun 2024 05:06



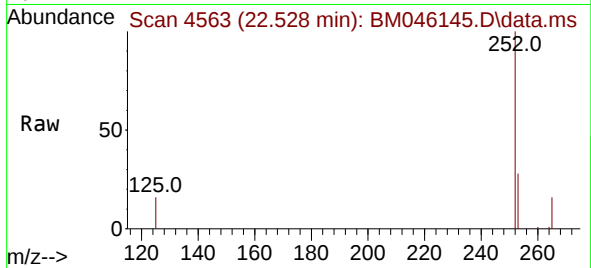
Tgt Ion:252 Resp: 66369
Ion Ratio Lower Upper
252 100
253 24.5 0.0 65.8
125 13.6 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 0.567 ng/ul m
RT: 22.528 min Scan# 4563
Delta R.T. -0.035 min
Lab File: BM046145.D
Acq: 21 Jun 2024 05:06

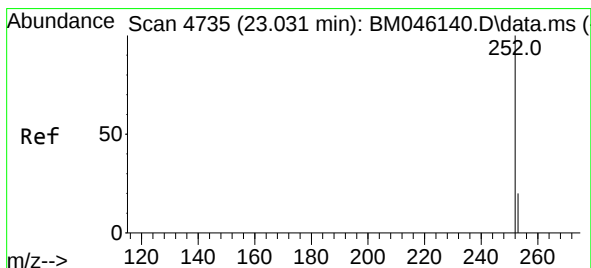
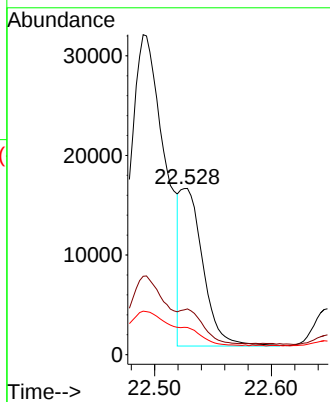
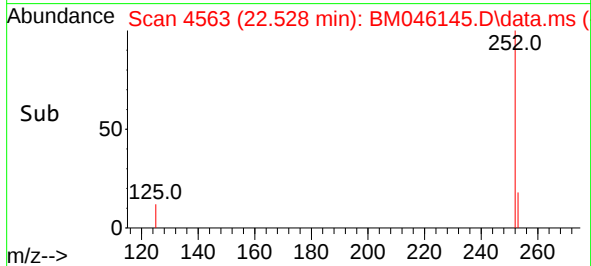
Instrument :
BNA_M
ClientSampleId :
A4BL4DL



Tgt Ion:252 Resp: 21829
Ion Ratio Lower Upper
252 100
253 27.5 27.2 40.8
125 16.4 16.6 25.0

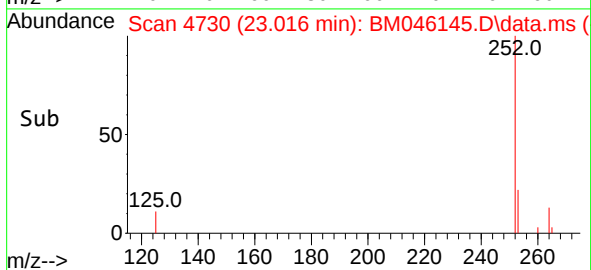
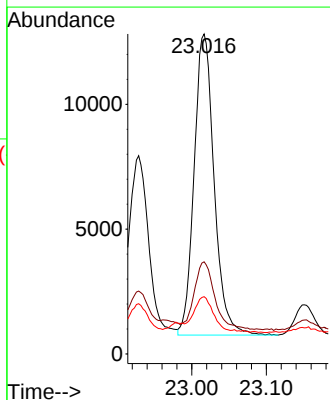
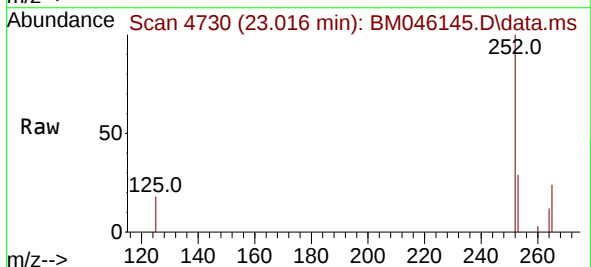
Manual Integrations
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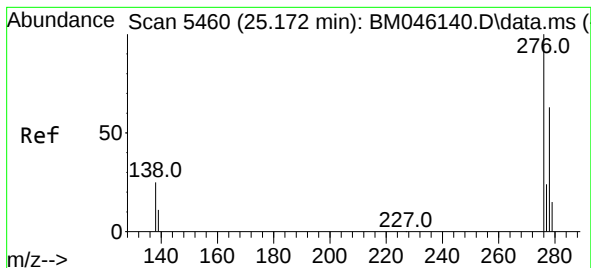
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#26
Benzo(a)pyrene
Concen: 0.750 ng/ul
RT: 23.016 min Scan# 4730
Delta R.T. -0.038 min
Lab File: BM046145.D
Acq: 21 Jun 2024 05:06

Tgt Ion:252 Resp: 22494
Ion Ratio Lower Upper
252 100
253 28.8 32.1 48.1#
125 17.9 21.2 31.8#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.523 ng/ul

RT: 25.155 min Scan# 54

Delta R.T. -0.047 min

Lab File: BM046145.D

Acq: 21 Jun 2024 05:06

Instrument :

BNA_M

ClientSampleId :

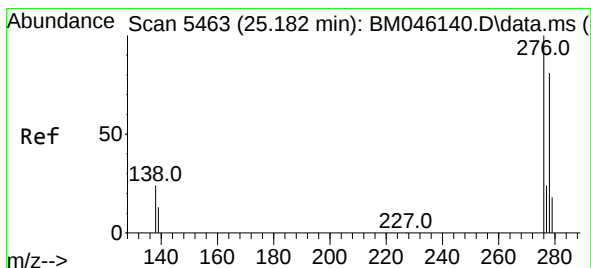
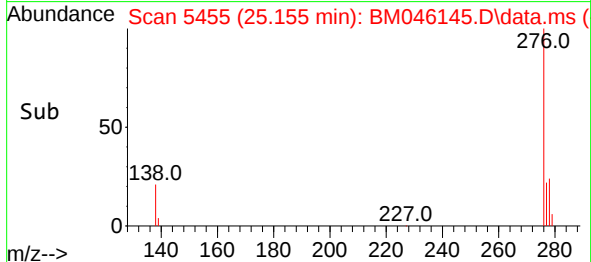
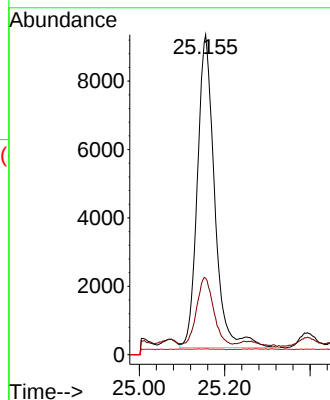
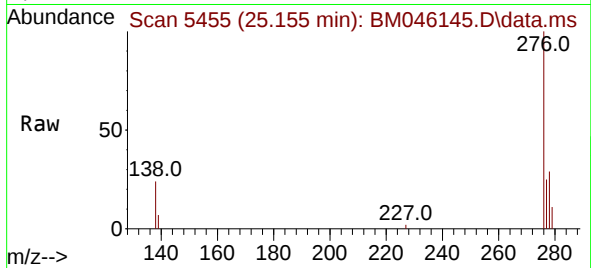
A4BL4DL

Tgt Ion:	276	Resp:	2566
Ion Ratio	Lower	Upper	
276	100		
138	20.6	21.0	31.4
227	0.2	0.0	0.0

Manual Integrations

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#28

Dibenzo(a,h)anthracene

Concen: 0.204 ng/ul

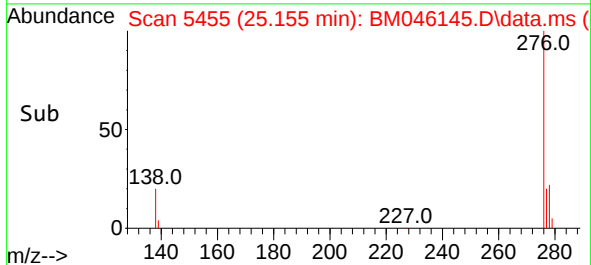
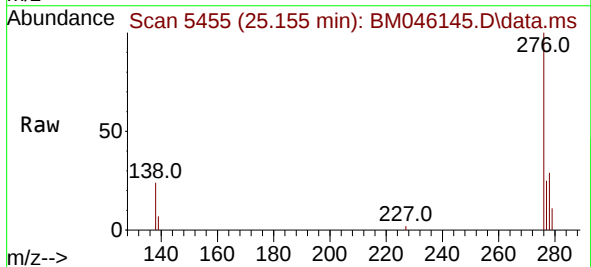
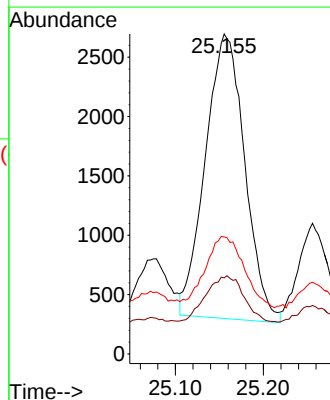
RT: 25.155 min Scan# 5455

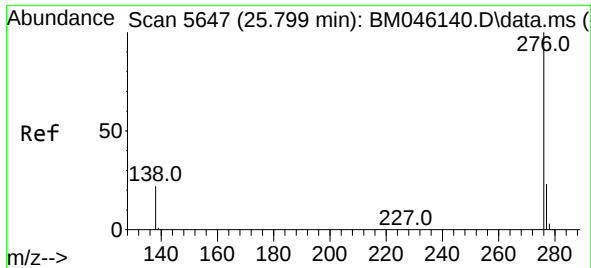
Delta R.T. -0.060 min

Lab File: BM046145.D

Acq: 21 Jun 2024 05:06

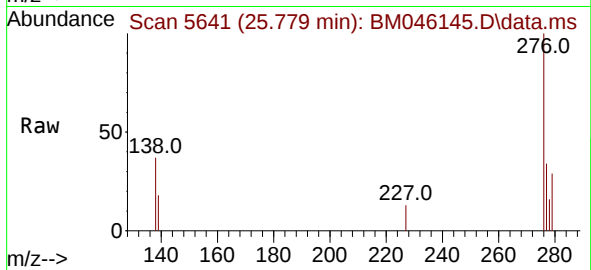
Tgt Ion:	278	Resp:	7466
Ion Ratio	Lower	Upper	
278	100		
139	23.8	17.6	26.4
279	36.6	26.3	39.5





#29
Benzo(g,h,i)perylene
Concen: 0.089 ng/ul
RT: 25.779 min Scan# 50
Delta R.T. -0.050 min
Lab File: BM046145.D
Acq: 21 Jun 2024 05:06

Instrument :
BNA_M
ClientSampleId :
A4BL4DL



Tgt Ion:276 Resp: 3748
Ion Ratio Lower Upper
276 100
138 36.8 21.7 32.5
277 34.0 20.4 30.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

