

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046293.D
 Acq On : 25 Jun 2024 16:02
 Operator : MA/JU
 Sample : P2844-12DL 5X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C64DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 25 16:33:51 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 25 08:04:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.409	152	2336	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.193	136	6737	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.052	164	3800	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.798	188	7881	0.400	ng/ul	-0.06
17) Chrysene-d12	20.997	240	6582	0.400	ng/ul	-0.03
23) Perylene-d12	23.087	264	7789m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	2009	0.627	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.815	152	448	0.050	ng/ul	-0.06
18) Fluoranthene-d10	18.829	212	1232	0.062	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.242	128	1522	0.081	ng/ul#	74
7) 2-Methylnaphthalene	11.898	142	498	0.047	ng/ul	99
8) 1-Methylnaphthalene	12.101	142	518	0.045	ng/ul	98
10) Acenaphthylene	13.774	152	4586	0.254	ng/ul	96
11) Acenaphthene	14.117	153	3315	0.255	ng/ul	93
12) Fluorene	15.116	166	4680	0.335	ng/ul	99
15) Phenanthrene	16.840	178	122636	5.539	ng/ul	95
16) Anthracene	16.933	178	22483	1.363	ng/ul	97
19) Fluoranthene	18.857	202	264036	9.265	ng/ul	96
20) Pyrene	19.224	202	181573	5.891	ng/ul	95
21) Benzo(a)anthracene	20.983	228	102833	4.045	ng/ul	99
22) Chrysene	21.035	228	92902	2.863	ng/ul	99
24) Benzo(b)fluoranthene	22.473	252	128470m	4.578	ng/ul	
25) Benzo(k)fluoranthene	22.511	252	48333m	1.449	ng/ul	
26) Benzo(a)pyrene	22.996	252	53812	2.069	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.129	276	54002	1.269	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.129	278	14408	0.455	ng/ul	95
29) Benzo(g,h,i)perylene	25.746	276	7773	0.213	ng/ul#	85

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

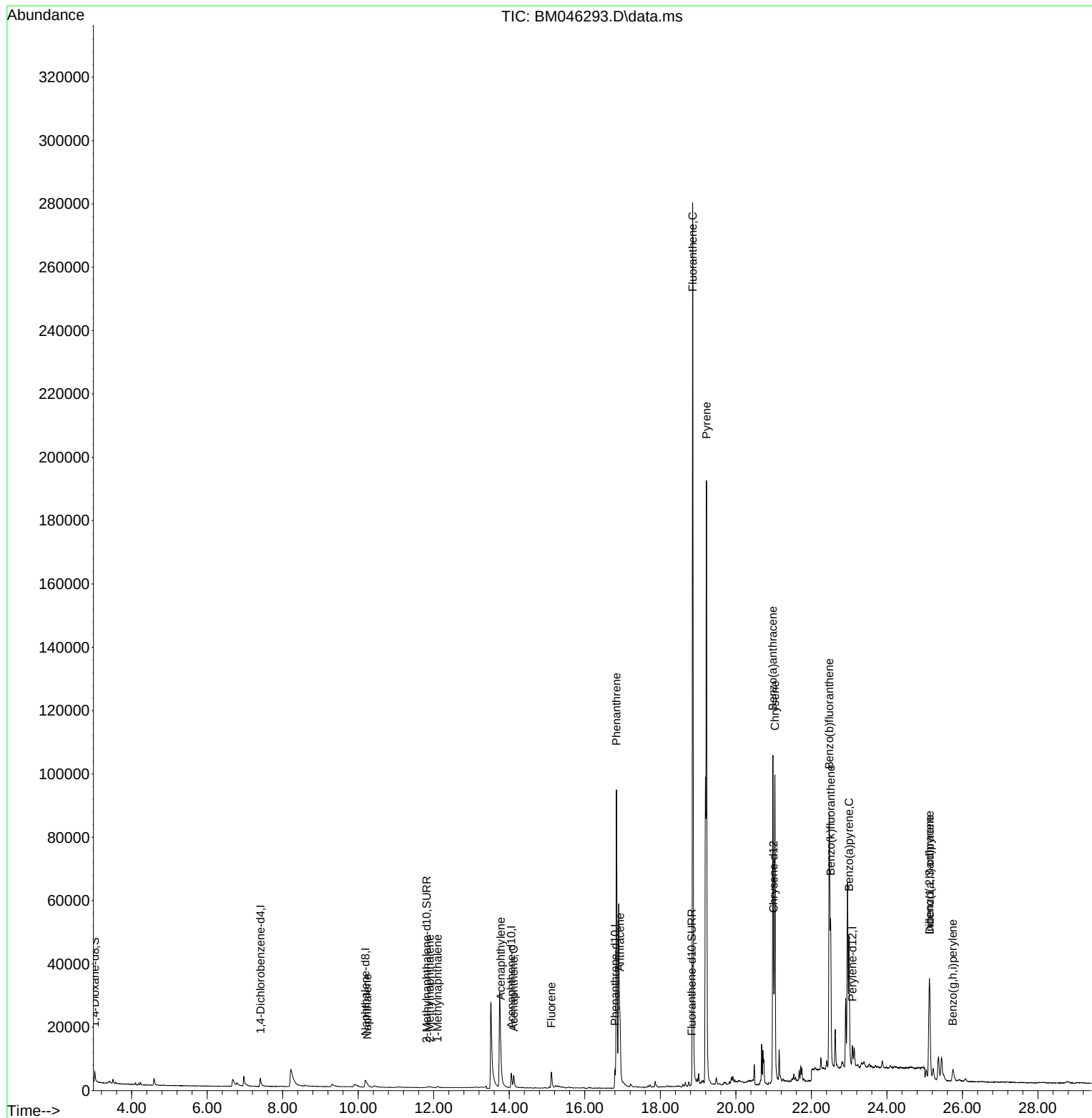
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046293.D
Acq On : 25 Jun 2024 16:02
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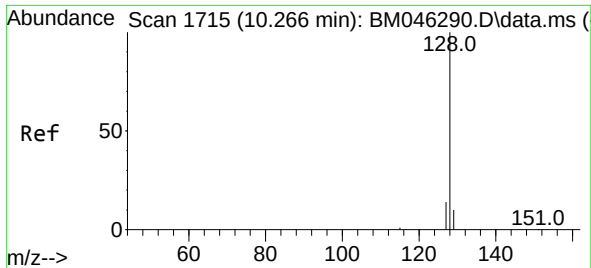
Instrument :
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ClientSampleId :
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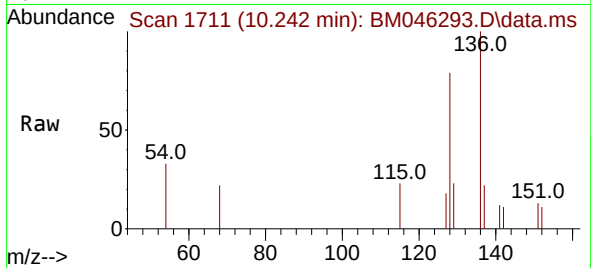
Quant Time: Jun 25 16:33:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.081 ng/ul
RT: 10.242 min Scan# 1711
Delta R.T. -0.062 min
Lab File: BM046293.D
Acq: 25 Jun 2024 16:02

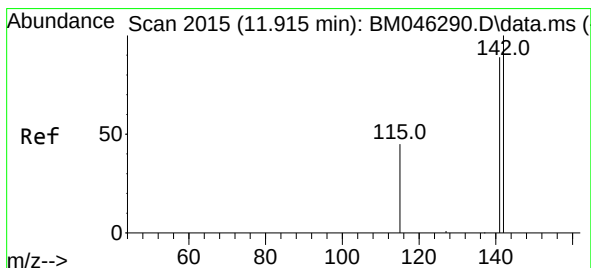
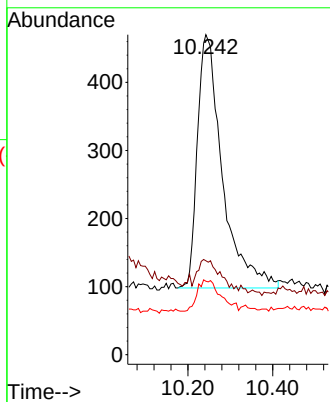
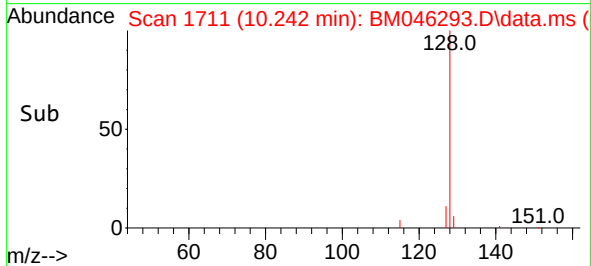
Instrument :
BNA_M
ClientSampleId :
A4C64DL



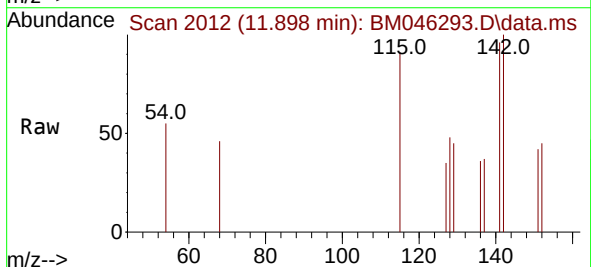
Tgt Ion:128 Resp: 152
Ion Ratio Lower Upper
128 100
129 29.4 11.8 17.6
127 23.0 12.8 19.2

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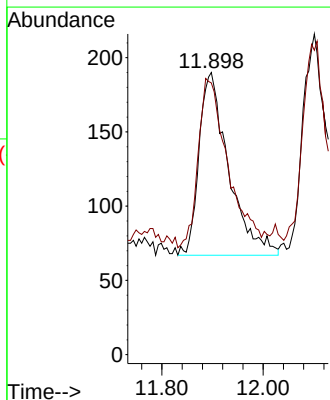
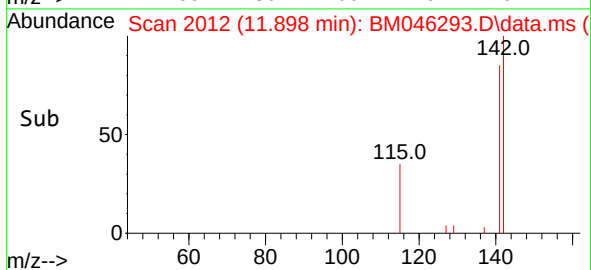
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

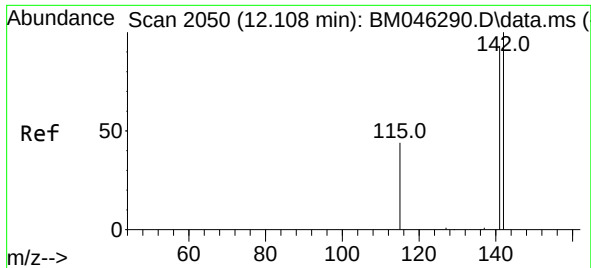


#7
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 11.898 min Scan# 2012
Delta R.T. -0.056 min
Lab File: BM046293.D
Acq: 25 Jun 2024 16:02



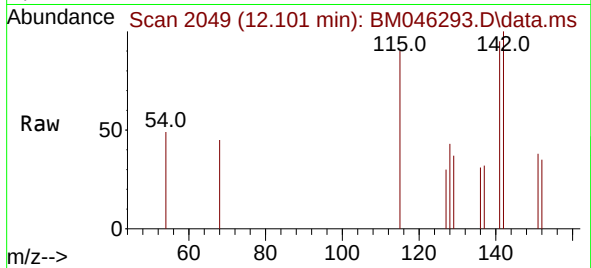
Tgt Ion:142 Resp: 498
Ion Ratio Lower Upper
142 100
141 94.6 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 12.101 min Scan# 2049
Delta R.T. -0.034 min
Lab File: BM046293.D
Acq: 25 Jun 2024 16:02

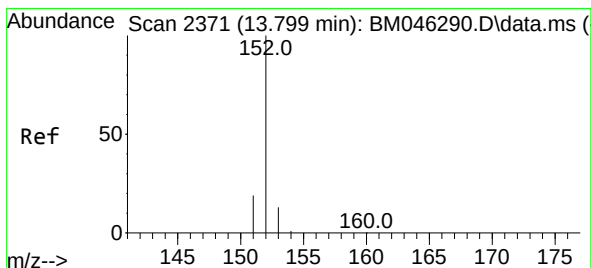
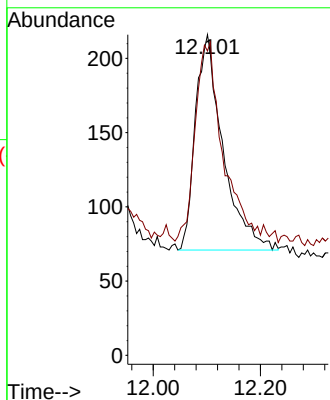
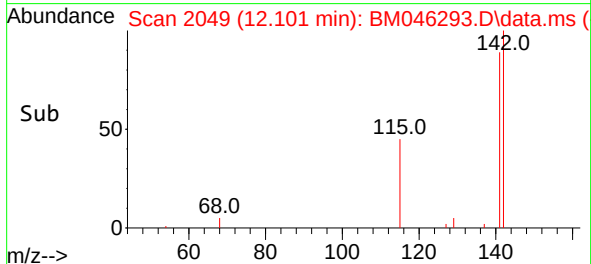
Instrument :
BNA_M
ClientSampleId :
A4C64DL



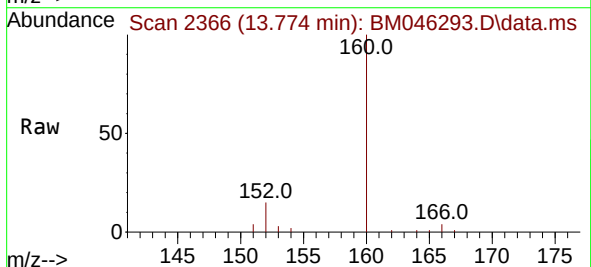
Tgt Ion:142 Resp: 518
Ion Ratio Lower Upper
142 100
141 96.3 75.2 112.8

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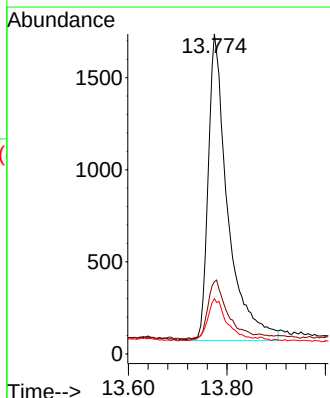
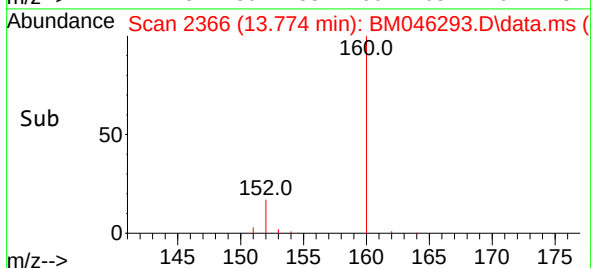
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

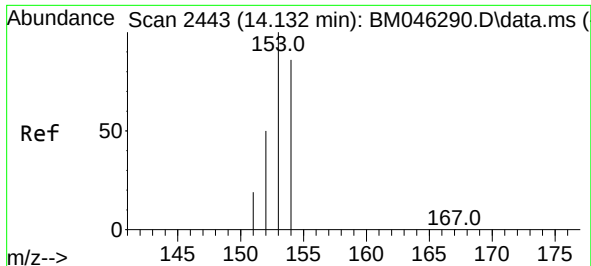


#10
Acenaphthylene
Concen: 0.254 ng/ul
RT: 13.774 min Scan# 2366
Delta R.T. -0.043 min
Lab File: BM046293.D
Acq: 25 Jun 2024 16:02



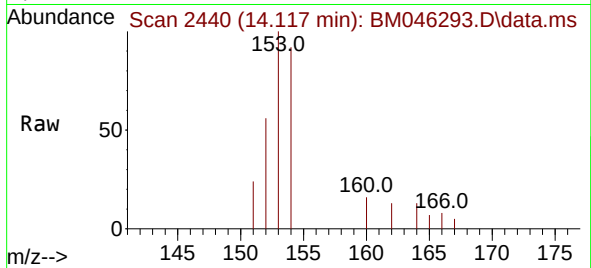
Tgt Ion:152 Resp: 4586
Ion Ratio Lower Upper
152 100
151 22.6 17.4 26.2
153 17.3 11.8 17.8





#11
Acenaphthene
Concen: 0.255 ng/u1
RT: 14.117 min Scan# 2440
Delta R.T. -0.029 min
Lab File: BM046293.D
Acq: 25 Jun 2024 16:02

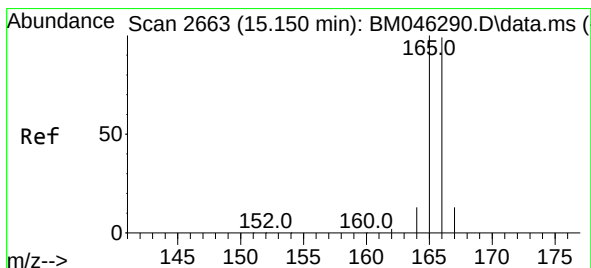
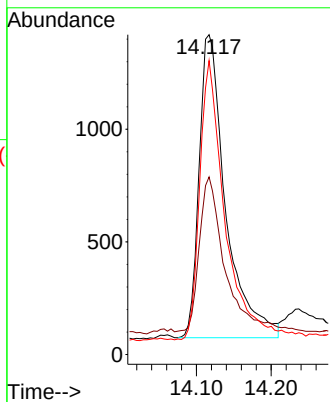
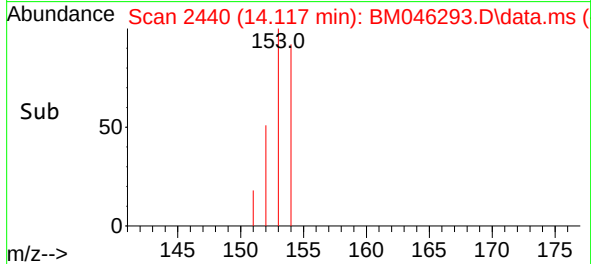
Instrument :
BNA_M
ClientSampleId :
A4C64DL



Tgt Ion:153 Resp: 3315
Ion Ratio Lower Upper
153 100
152 55.6 41.3 61.9
154 91.9 68.2 102.4

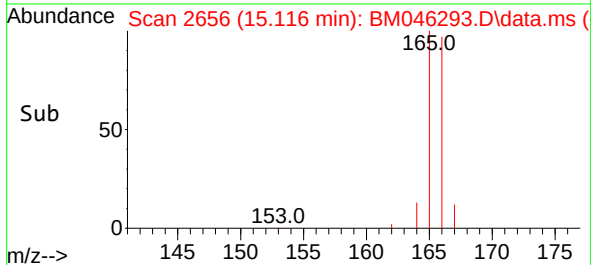
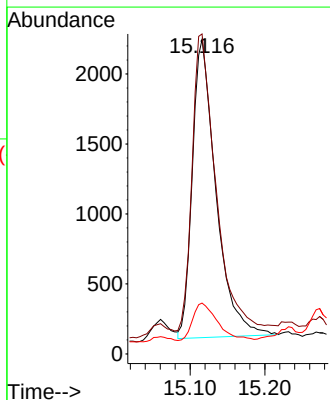
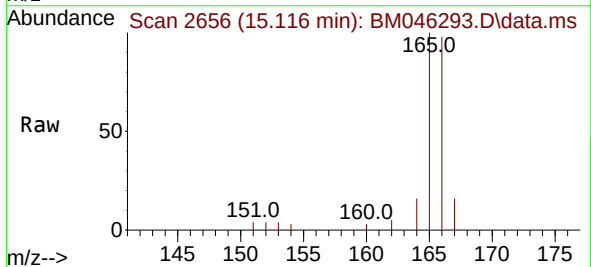
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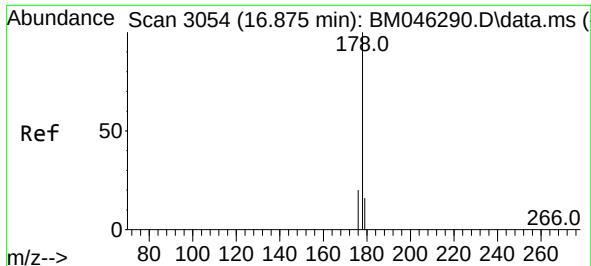
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#12
Fluorene
Concen: 0.335 ng/u1
RT: 15.116 min Scan# 2656
Delta R.T. -0.052 min
Lab File: BM046293.D
Acq: 25 Jun 2024 16:02

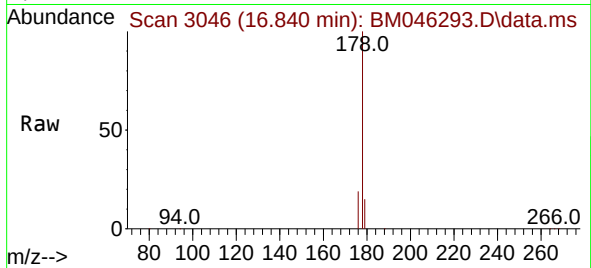
Tgt Ion:166 Resp: 4680
Ion Ratio Lower Upper
166 100
165 101.8 80.4 120.6
167 16.2 12.4 18.6





#15
Phenanthrene
Concen: 5.539 ng/u1
RT: 16.840 min Scan# 3054
Delta R.T. -0.048 min
Lab File: BM046293.D
Acq: 25 Jun 2024 16:02

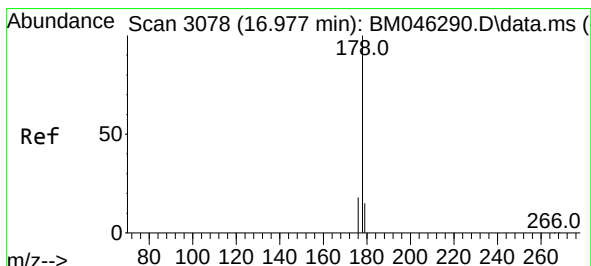
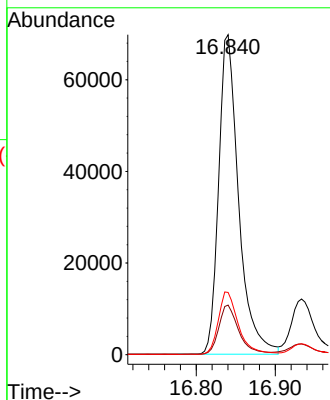
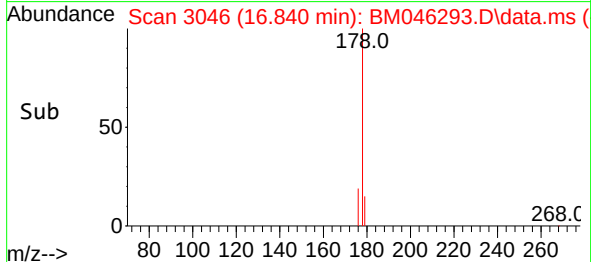
Instrument :
BNA_M
ClientSampleId :
A4C64DL



Tgt Ion:178 Resp: 122630
Ion Ratio Lower Upper
178 100
179 15.5 14.2 21.2
176 19.5 17.1 25.7

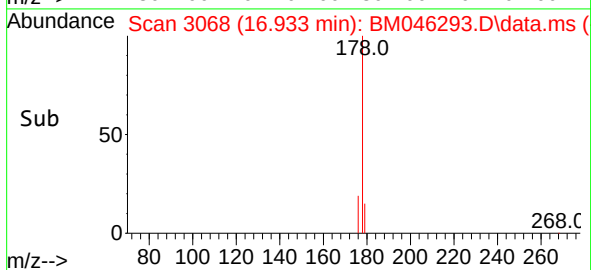
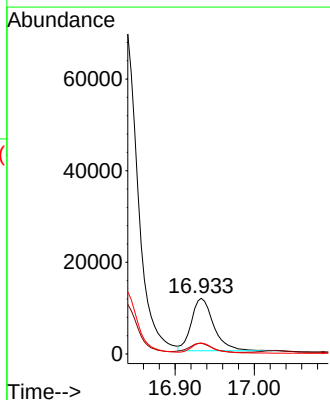
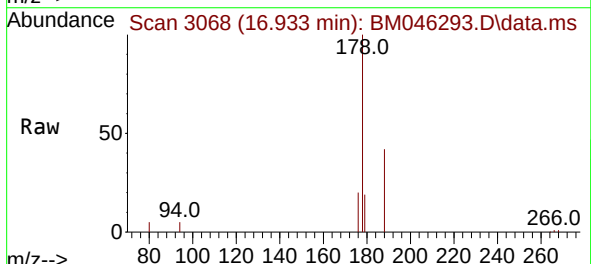
Manual Integrations
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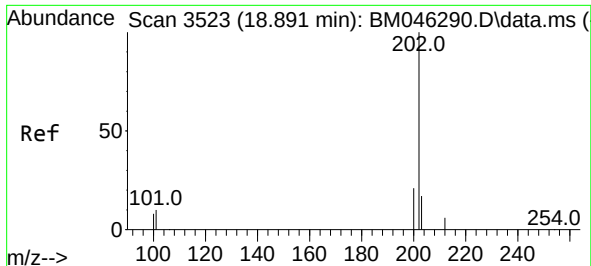
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#16
Anthracene
Concen: 1.363 ng/u1
RT: 16.933 min Scan# 3068
Delta R.T. -0.073 min
Lab File: BM046293.D
Acq: 25 Jun 2024 16:02

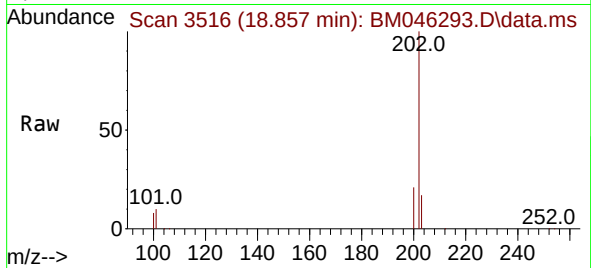
Tgt Ion:178 Resp: 22483
Ion Ratio Lower Upper
178 100
179 19.2 14.9 22.3
176 19.5 17.0 25.4





#19
Fluoranthene
Concen: 9.265 ng/u1
RT: 18.857 min Scan# 3516
Delta R.T. -0.048 min
Lab File: BM046293.D
Acq: 25 Jun 2024 16:02

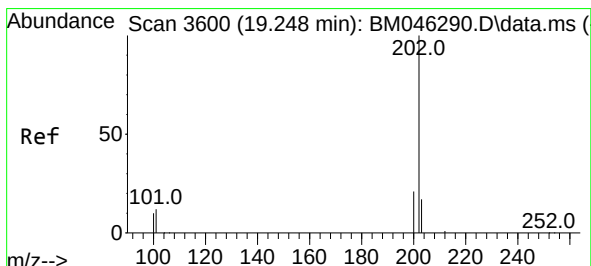
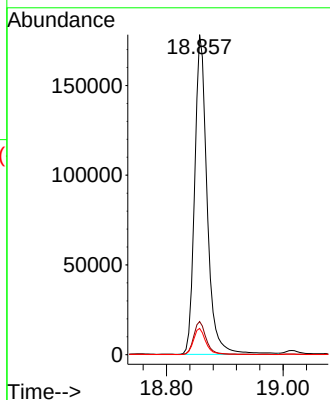
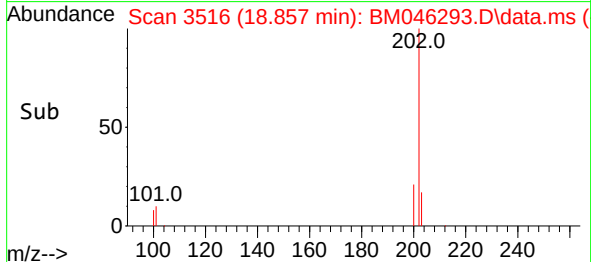
Instrument :
BNA_M
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A4C64DL



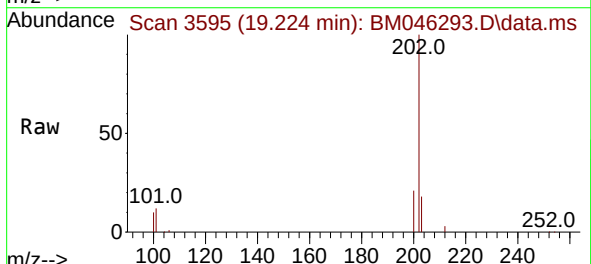
Tgt Ion:202 Resp: 264030
Ion Ratio Lower Upper
202 100
101 10.3 9.6 14.4
100 8.2 7.6 11.4

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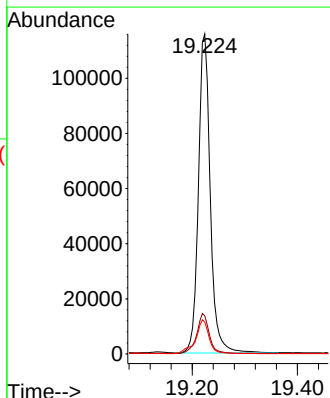
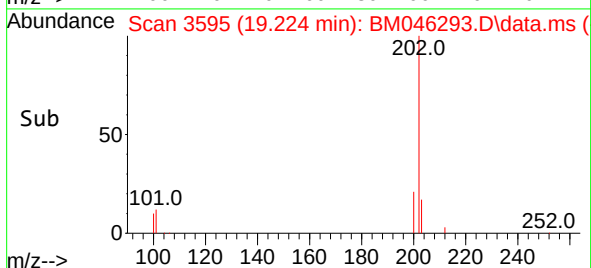
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

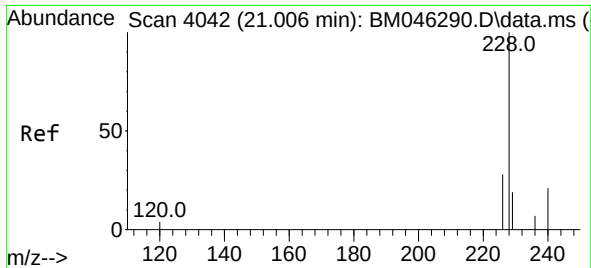


#20
Pyrene
Concen: 5.891 ng/u1
RT: 19.224 min Scan# 3595
Delta R.T. -0.034 min
Lab File: BM046293.D
Acq: 25 Jun 2024 16:02



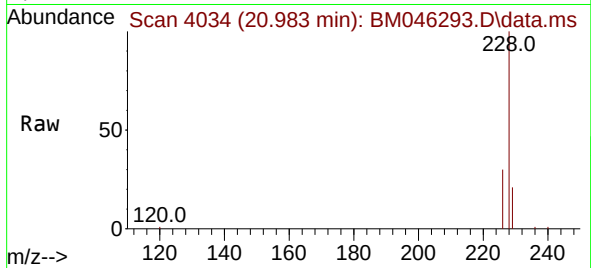
Tgt Ion:202 Resp: 181573
Ion Ratio Lower Upper
202 100
101 11.9 11.3 16.9
100 10.0 9.8 14.6





#21
Benzo(a)anthracene
Concen: 4.045 ng/ul
RT: 20.983 min Scan# 4034
Delta R.T. -0.029 min
Lab File: BM046293.D
Acq: 25 Jun 2024 16:02

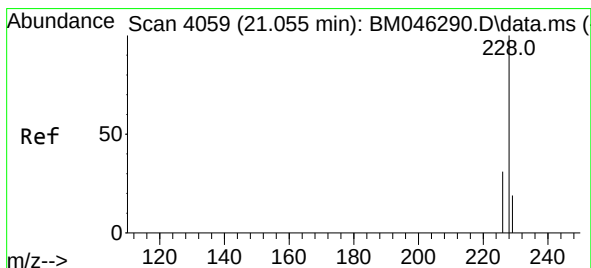
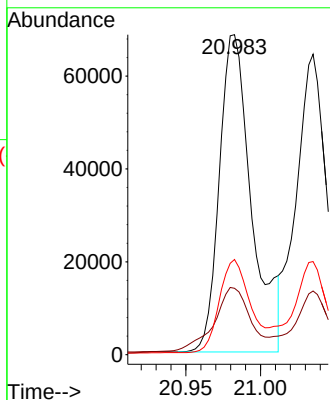
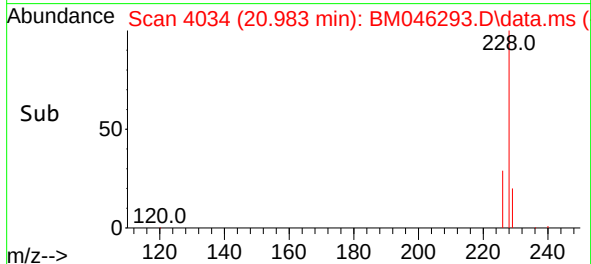
Instrument :
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A4C64DL



Tgt Ion:228 Resp: 10283
Ion Ratio Lower Upper
228 100
229 20.8 16.4 24.6
226 29.8 23.4 35.2

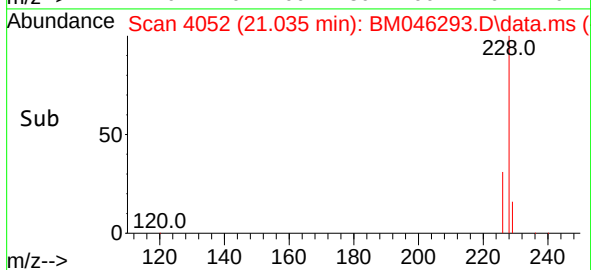
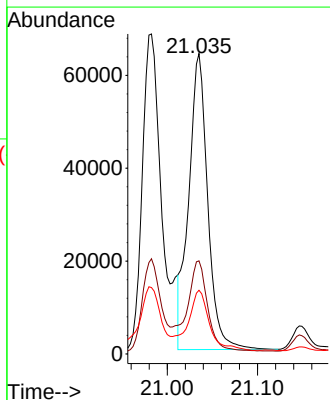
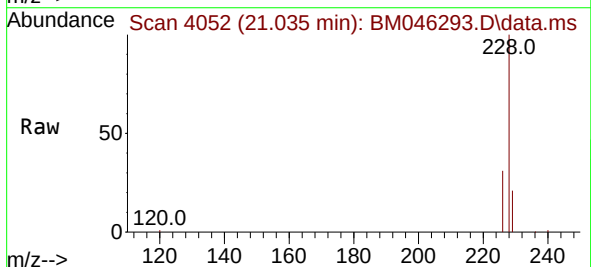
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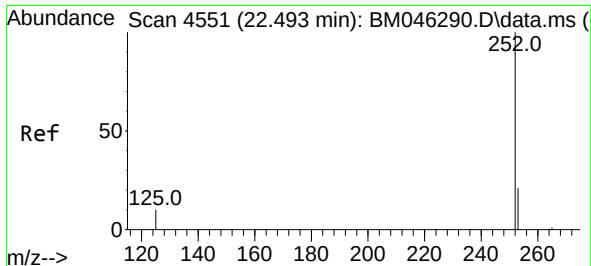
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#22
Chrysene
Concen: 2.863 ng/ul
RT: 21.035 min Scan# 4052
Delta R.T. -0.023 min
Lab File: BM046293.D
Acq: 25 Jun 2024 16:02

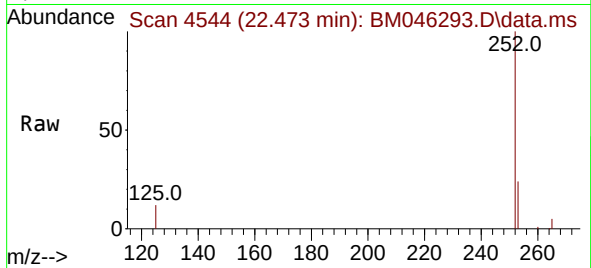
Tgt Ion:228 Resp: 92902
Ion Ratio Lower Upper
228 100
226 31.0 25.2 37.8
229 21.2 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 4.578 ng/ul m
RT: 22.473 min Scan# 4544
Delta R.T. -0.023 min
Lab File: BM046293.D
Acq: 25 Jun 2024 16:02

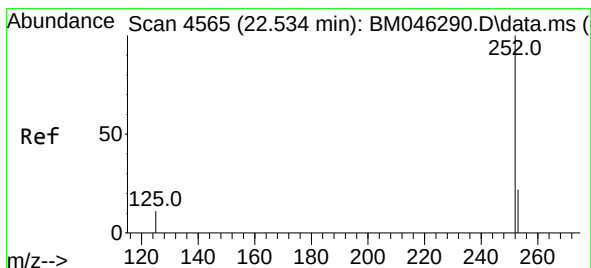
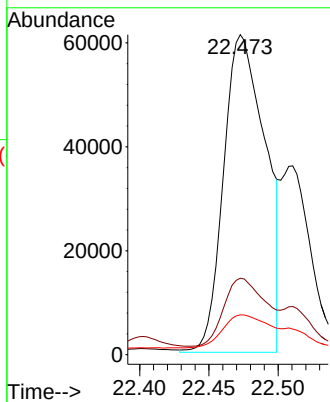
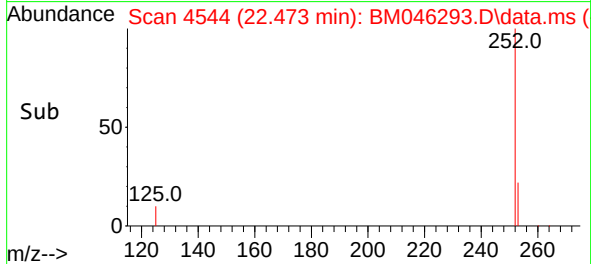
Instrument :
BNA_M
ClientSampleId :
A4C64DL



Tgt Ion:252 Resp: 128470
Ion Ratio Lower Upper
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253 23.9 0.0 65.8
125 12.5 0.0 40.2

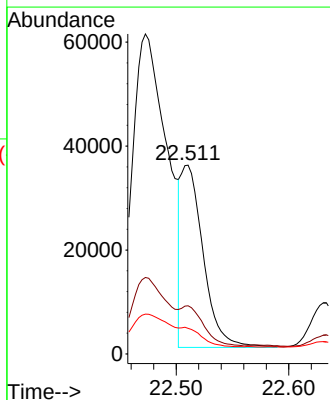
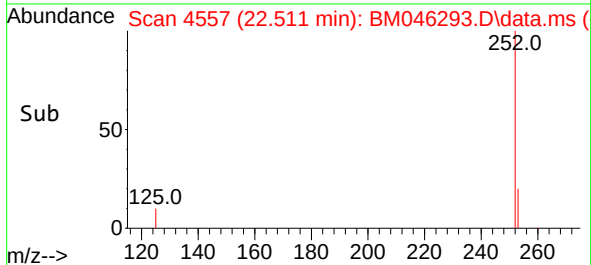
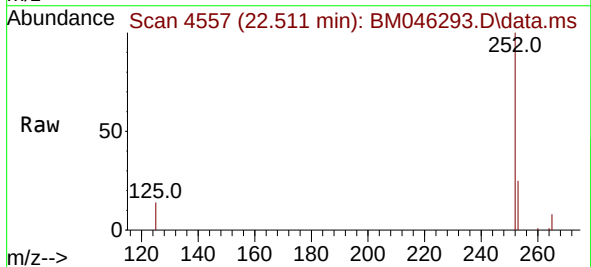
Manual Integrations
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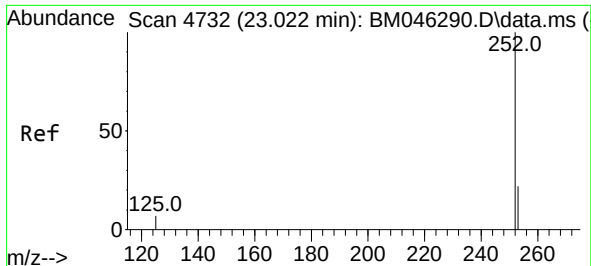
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#25
Benzo(k)fluoranthene
Concen: 1.449 ng/ul m
RT: 22.511 min Scan# 4557
Delta R.T. -0.026 min
Lab File: BM046293.D
Acq: 25 Jun 2024 16:02

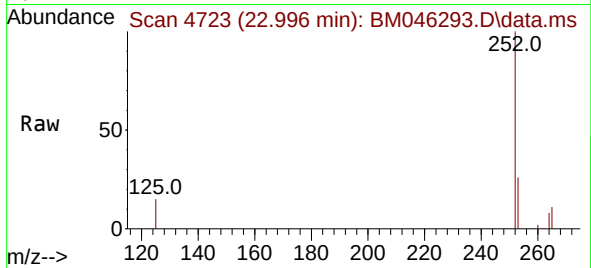
Tgt Ion:252 Resp: 48333
Ion Ratio Lower Upper
252 100
253 25.5 27.2 40.8#
125 13.6 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 2.069 ng/ul
RT: 22.996 min Scan# 41
Delta R.T. -0.032 min
Lab File: BM046293.D
Acq: 25 Jun 2024 16:02

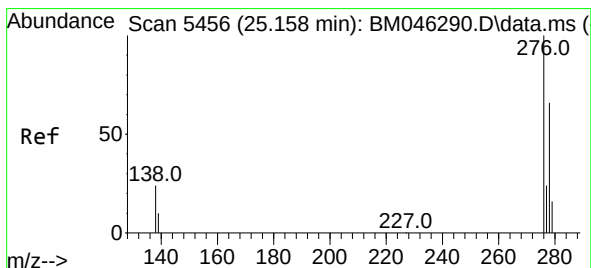
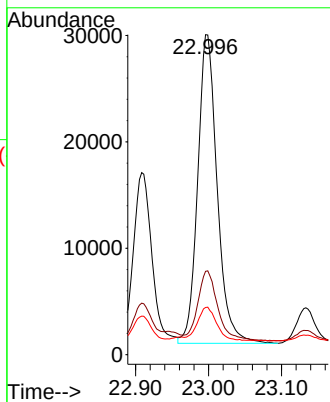
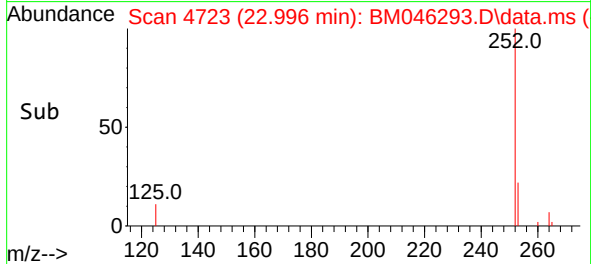
Instrument :
BNA_M
ClientSampleId :
A4C64DL



Tgt Ion:252 Resp: 5381
Ion Ratio Lower Upper
252 100
253 26.1 32.1 48.1
125 14.7 21.2 31.8

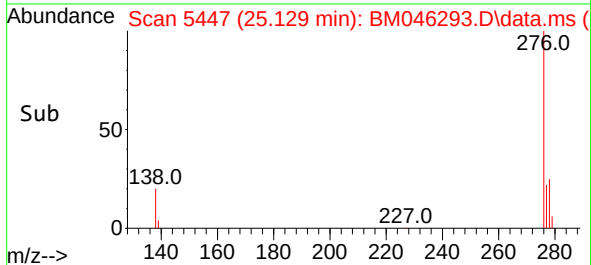
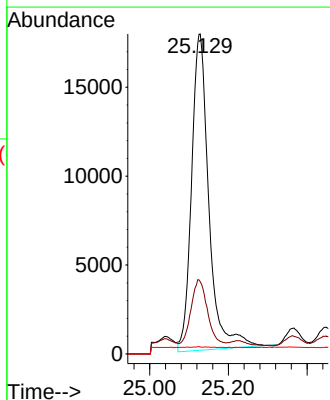
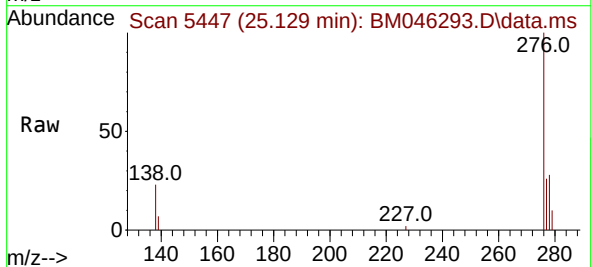
Manual Integrations
APPROVED

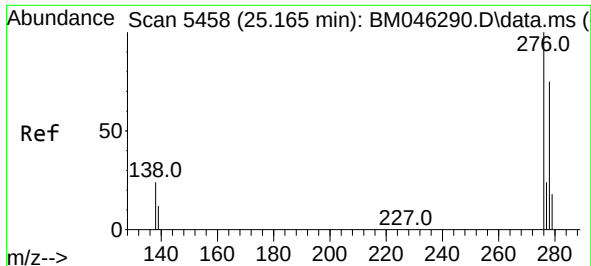
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.269 ng/ul
RT: 25.129 min Scan# 5447
Delta R.T. -0.040 min
Lab File: BM046293.D
Acq: 25 Jun 2024 16:02

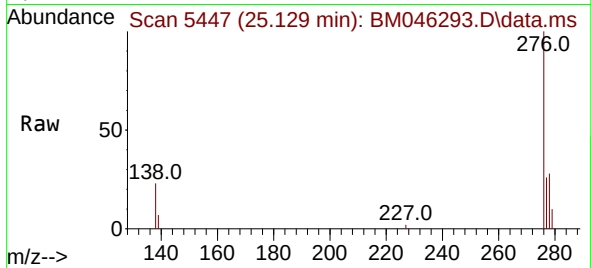
Tgt Ion:276 Resp: 54002
Ion Ratio Lower Upper
276 100
138 25.7 21.0 31.4
227 13.6 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.455 ng/ul
RT: 25.129 min Scan# 5458
Delta R.T. -0.053 min
Lab File: BM046293.D
Acq: 25 Jun 2024 16:02

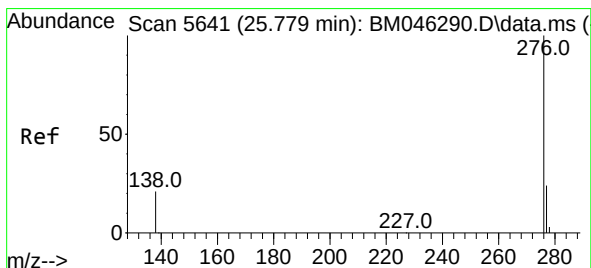
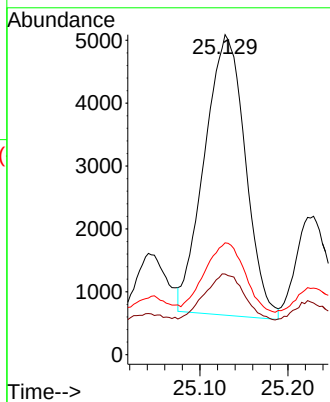
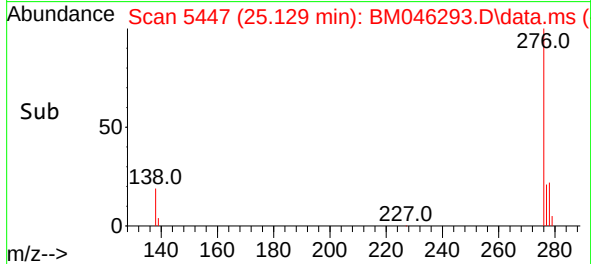
Instrument :
BNA_M
ClientSampleId :
A4C64DL



Tgt Ion:278 Resp: 14408
Ion Ratio Lower Upper
278 100
139 25.2 17.6 26.4
279 35.0 26.3 39.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.213 ng/ul
RT: 25.746 min Scan# 5631
Delta R.T. -0.040 min
Lab File: BM046293.D
Acq: 25 Jun 2024 16:02

Tgt Ion:276 Resp: 7773
Ion Ratio Lower Upper
276 100
138 33.3 21.7 32.5#
277 35.0 20.4 30.6#

