

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045495.D
 Acq On : 23 Apr 2024 00:51
 Operator : MA/JU
 Sample : P2037-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CY4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/26/2024

Quant Time: Apr 23 08:31:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 02:57:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	912	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.325	136	2914	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.206	164	1850	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.968	188	4004m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.183	240	2710	0.400	ng/ul	#-0.03
23) Perylene-d12	23.378	264	3138m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	3188	2.608	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.925	152	884	0.230	ng/ul	-0.06
18) Fluoranthene-d10	19.006	212	1778	0.208	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.374	128	4934	0.631	ng/ul#	89
7) 2-Methylnaphthalene	12.002	142	2443	0.547	ng/ul	98
8) 1-Methylnaphthalene	12.222	142	1605	0.320	ng/ul	100
10) Acenaphthylene	13.923	152	1273	0.140	ng/ul#	81
11) Acenaphthene	14.266	153	513	0.076	ng/ul	94
12) Fluorene	15.265	166	299m	0.041	ng/ul	
15) Phenanthrene	17.006	178	29447	2.525	ng/ul	93
16) Anthracene	17.103	178	2643m	0.242	ng/ul	
19) Fluoranthene	19.039	202	32337	2.586	ng/ul#	91
20) Pyrene	19.401	202	26283	2.045	ng/ul	94
21) Benzo(a)anthracene	21.172	228	12731m	1.470	ng/ul	
22) Chrysene	21.221	228	15815m	1.187	ng/ul	
24) Benzo(b)fluoranthene	22.720	252	25245m	2.392	ng/ul	
25) Benzo(k)fluoranthene	22.761	252	8231m	0.617	ng/ul	
26) Benzo(a)pyrene	23.276	252	17110	1.563	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.557	276	17257	1.085	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.571	278	4035m	0.320	ng/ul	
29) Benzo(g,h,i)perylene	26.225	276	18695	1.308	ng/ul	95

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

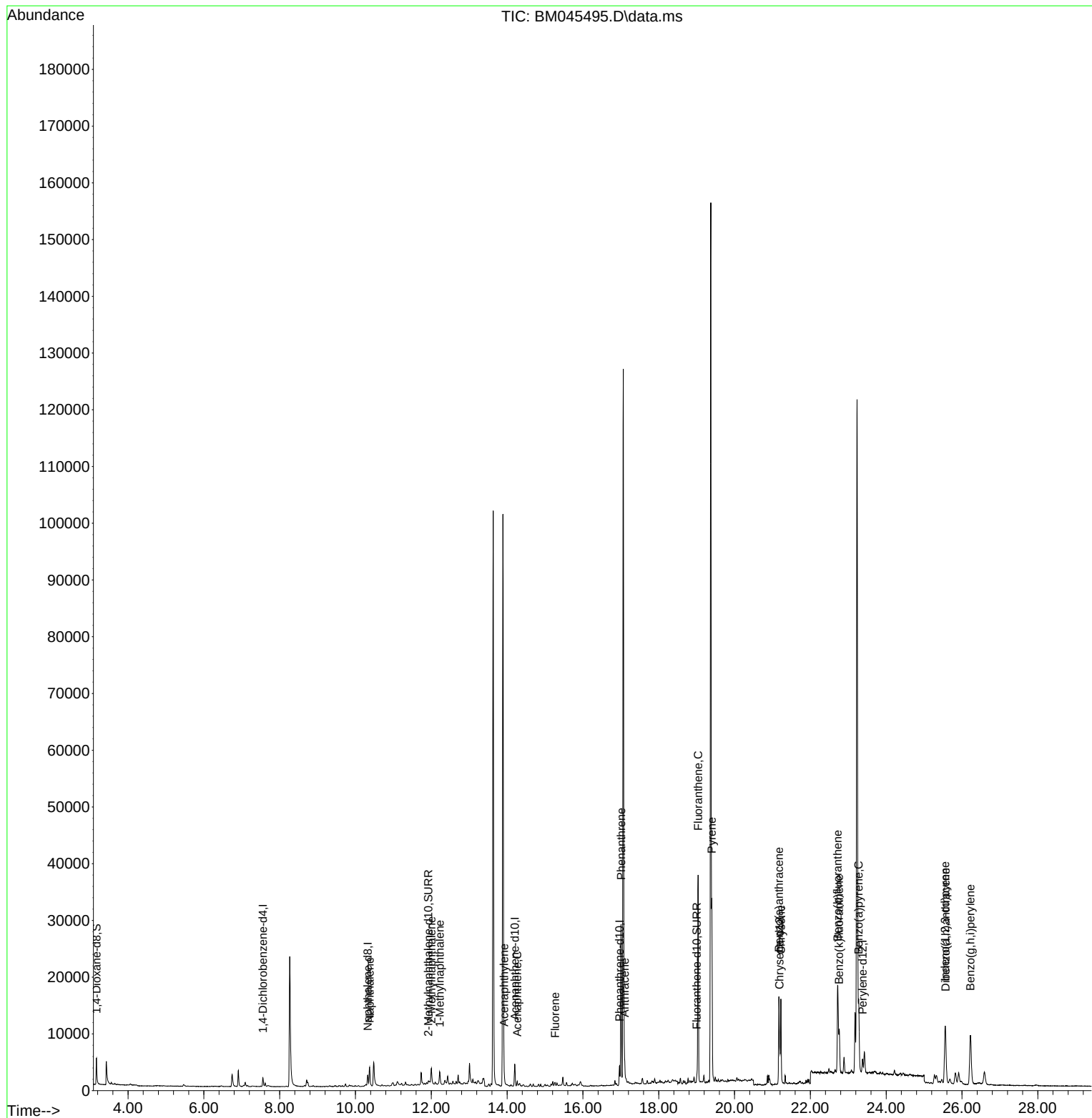
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045495.D
Acq On : 23 Apr 2024 00:51
Operator : MA/JU
Sample : P2037-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

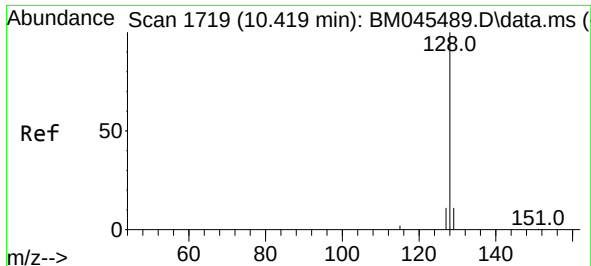
Instrument :
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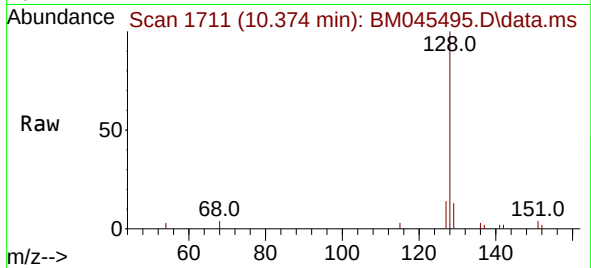
Quant Time: Apr 23 08:31:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.631 ng/ul
RT: 10.374 min Scan# 11
Delta R.T. -0.044 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

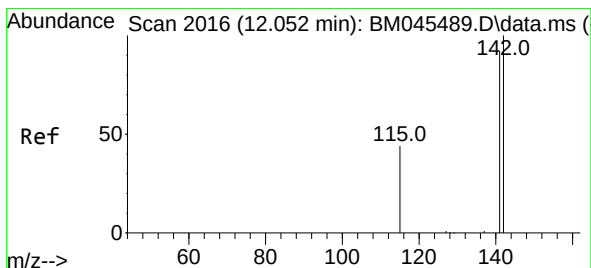
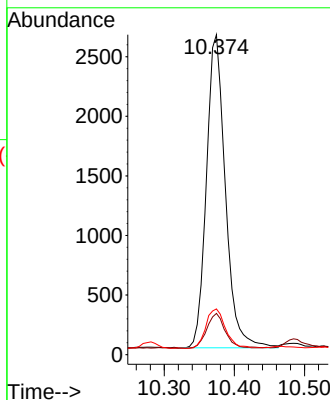
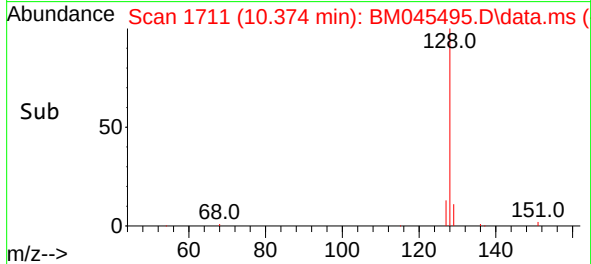
Instrument :
BNA_M
ClientSampleId :
E1CY4



Tgt Ion:128 Resp: 4934
Ion Ratio Lower Upper
128 100
129 12.9 14.0 21.0
127 14.3 15.4 23.2

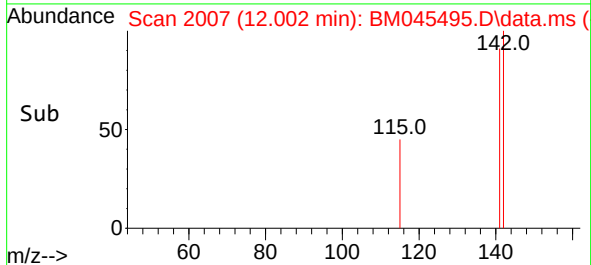
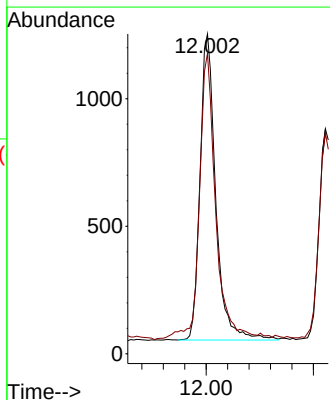
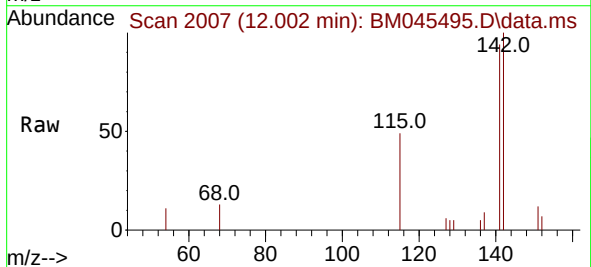
Manual Integrations
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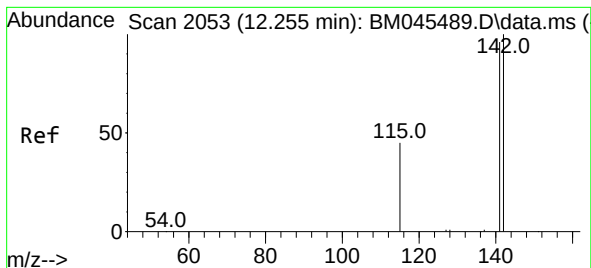
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#7
2-Methylnaphthalene
Concen: 0.547 ng/ul
RT: 12.002 min Scan# 2007
Delta R.T. -0.050 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

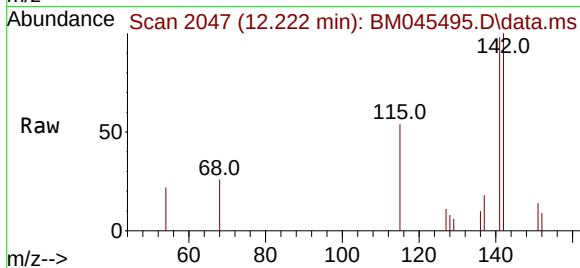
Tgt Ion:142 Resp: 2443
Ion Ratio Lower Upper
142 100
141 94.9 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.320 ng/ul
RT: 12.222 min Scan# 2053
Delta R.T. -0.033 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

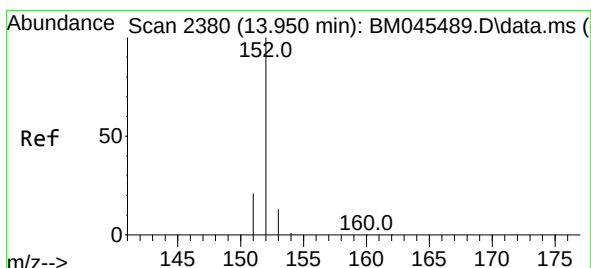
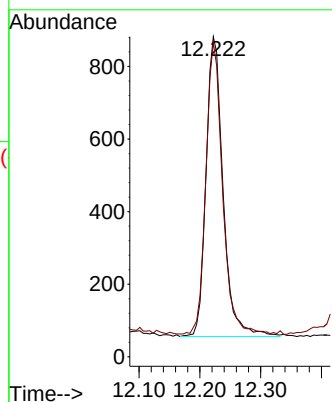
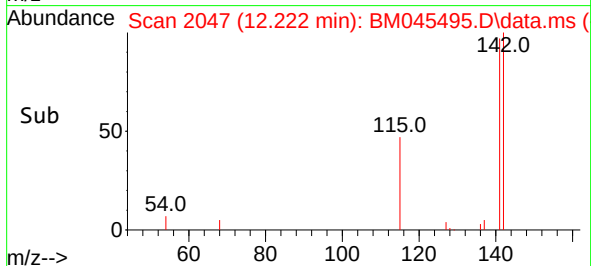
Instrument :
BNA_M
ClientSampleId :
E1CY4



Tgt Ion:142 Resp: 1609
Ion Ratio Lower Upper
142 100
141 94.6 76.1 114.1

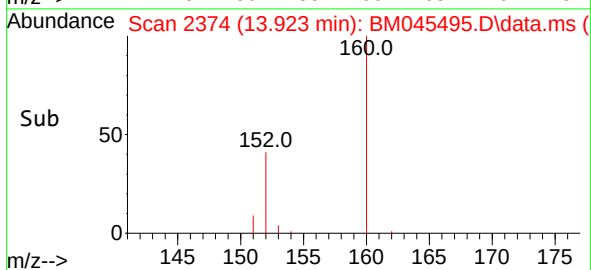
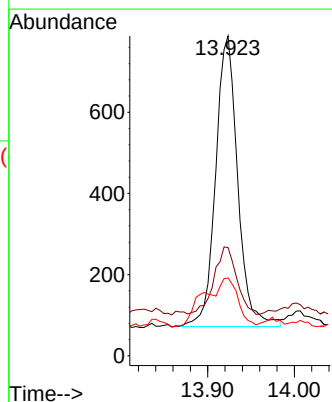
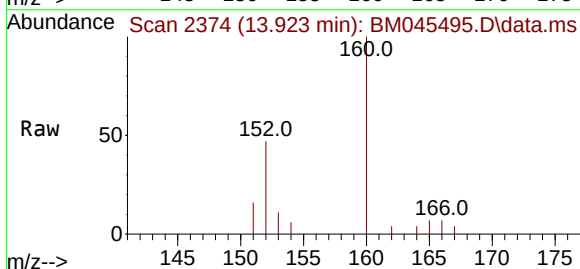
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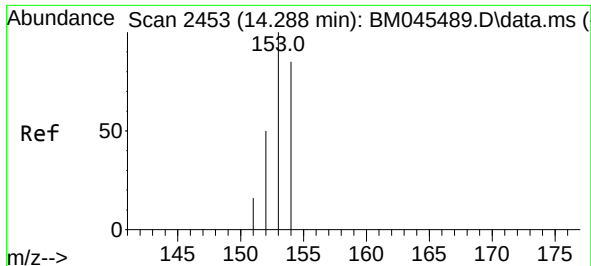
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#10
Acenaphthylene
Concen: 0.140 ng/ul
RT: 13.923 min Scan# 2374
Delta R.T. -0.027 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

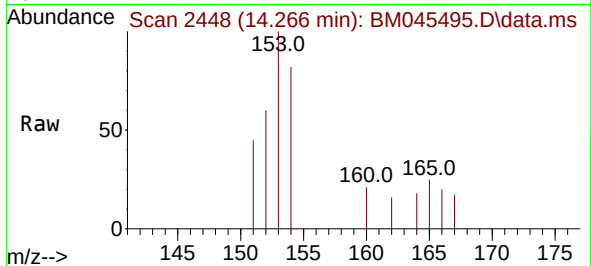
Tgt Ion:152 Resp: 1273
Ion Ratio Lower Upper
152 100
151 33.9 18.6 28.0#
153 24.4 14.1 21.1#





#11
Acenaphthene
Concen: 0.076 ng/ul
RT: 14.266 min Scan# 2448
Delta R.T. -0.022 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

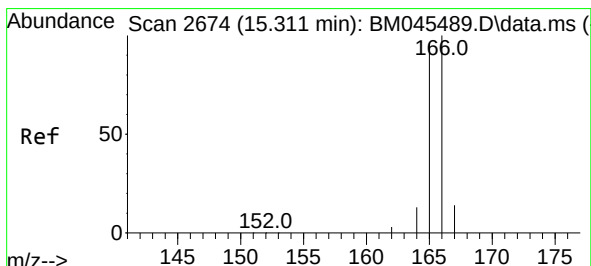
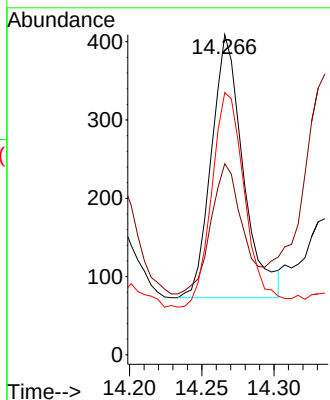
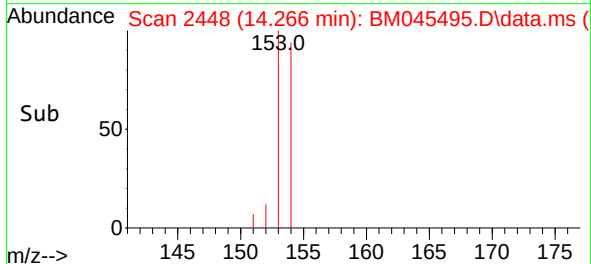
Instrument :
BNA_M
ClientSampleId :
E1CY4



Tgt Ion:153 Resp: 511
Ion Ratio Lower Upper
153 100
152 59.7 43.4 65.2
154 81.9 69.0 103.6

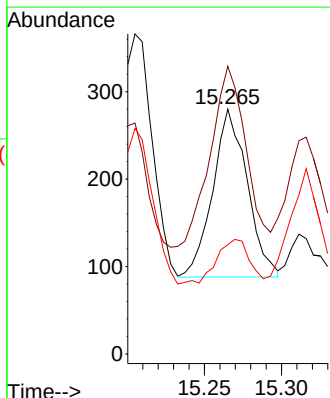
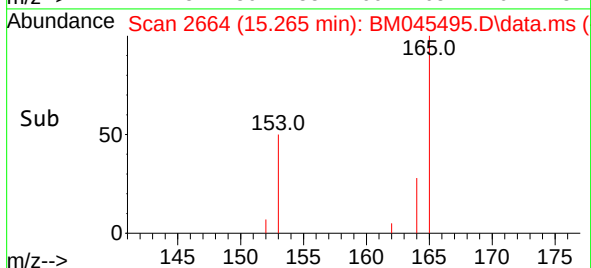
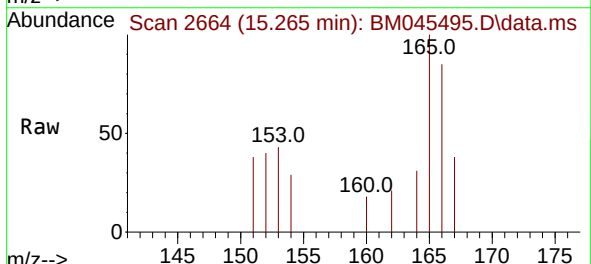
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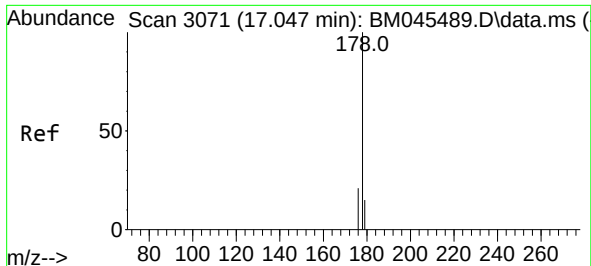
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#12
Fluorene
Concen: 0.041 ng/ul m
RT: 15.265 min Scan# 2664
Delta R.T. -0.046 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

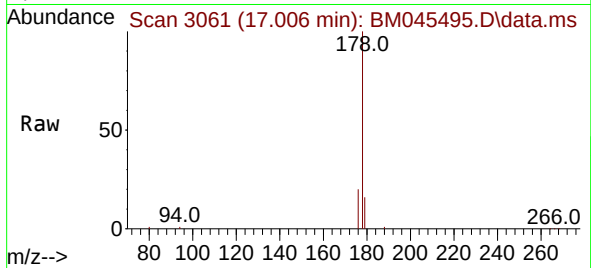
Tgt Ion:166 Resp: 299
Ion Ratio Lower Upper
166 100
165 117.5 82.2 123.2
167 44.6 14.8 22.2#





#15
Phenanthrene
Concen: 2.525 ng/ul
RT: 17.006 min Scan# 3061
Delta R.T. -0.041 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

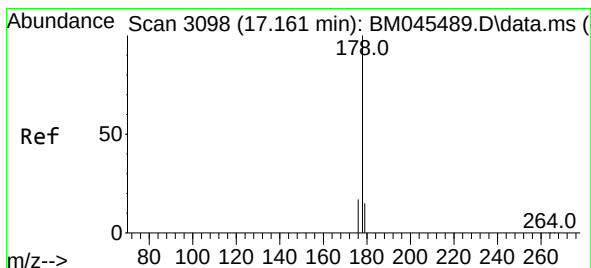
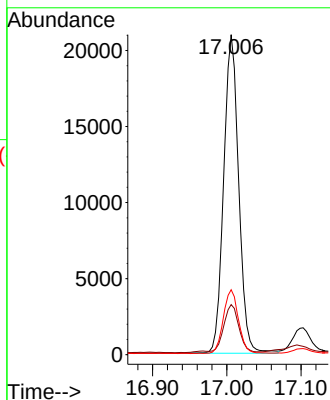
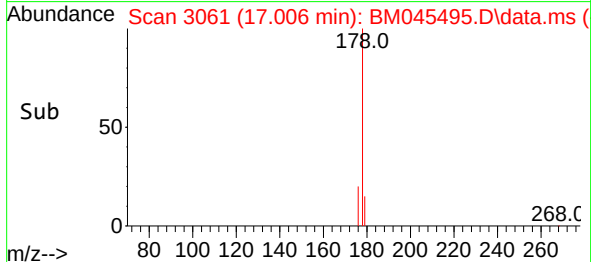
Instrument :
BNA_M
ClientSampleId :
E1CY4



Tgt Ion:178 Resp: 2944
Ion Ratio Lower Upper
178 100
179 15.7 15.4 23.2
176 20.3 19.0 28.4

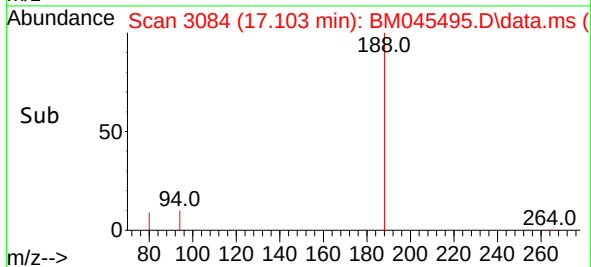
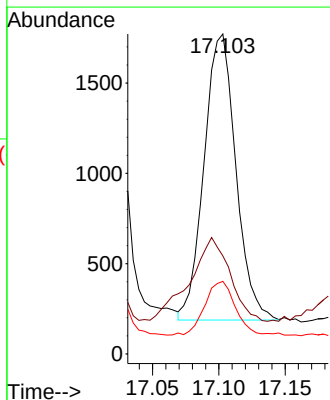
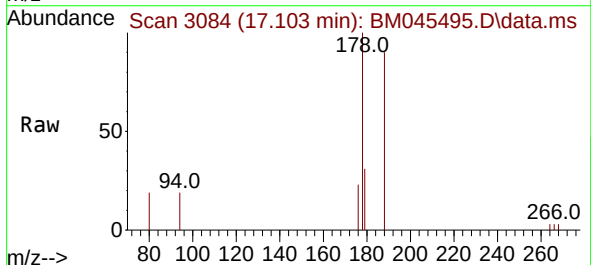
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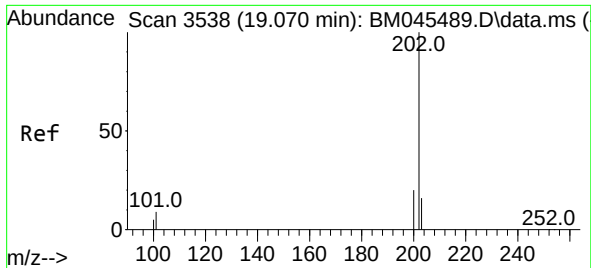
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#16
Anthracene
Concen: 0.242 ng/ul m
RT: 17.103 min Scan# 3084
Delta R.T. -0.058 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

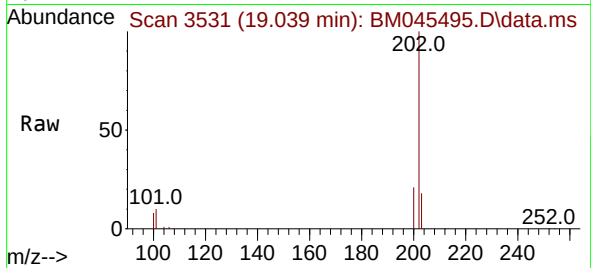
Tgt Ion:178 Resp: 2643
Ion Ratio Lower Upper
178 100
179 30.6 17.8 26.6#
176 22.7 18.7 28.1





#19
Fluoranthene
Concen: 2.586 ng/u1
RT: 19.039 min Scan# 31
Delta R.T. -0.031 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

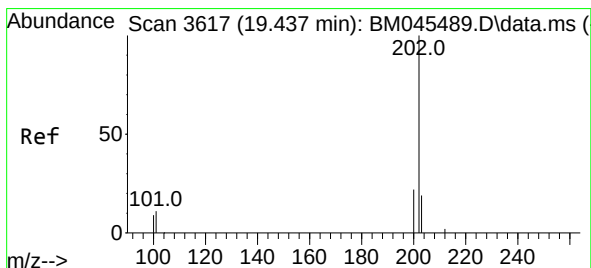
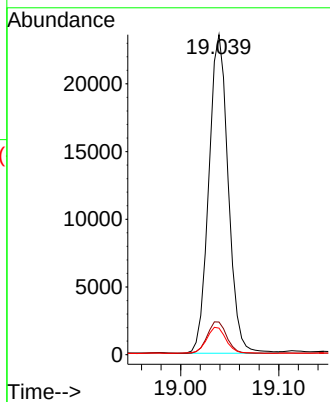
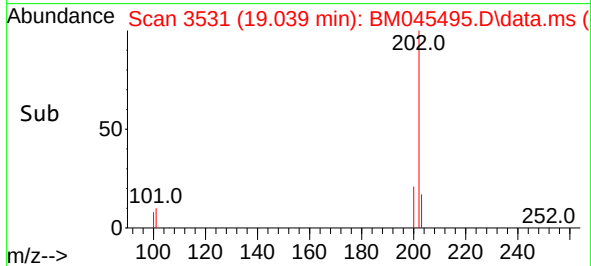
Instrument :
BNA_M
ClientSampleId :
E1CY4



Tgt Ion:202 Resp: 3233
Ion Ratio Lower Upper
202 100
101 10.2 11.2 16.8
100 8.3 9.1 13.7

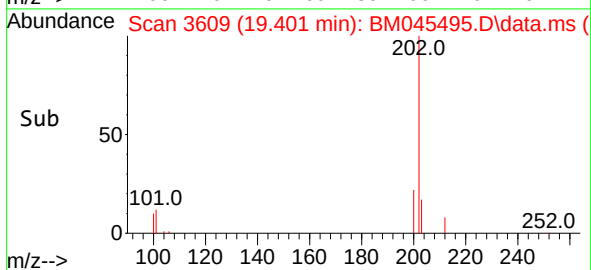
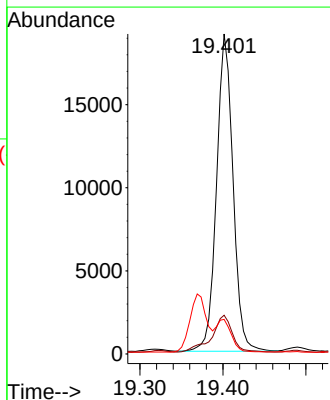
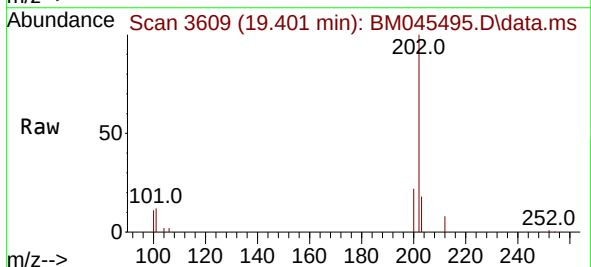
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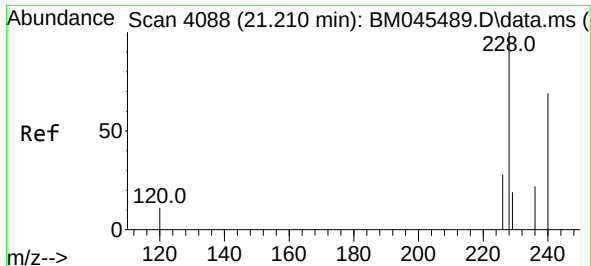
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#20
Pyrene
Concen: 2.045 ng/u1
RT: 19.401 min Scan# 3609
Delta R.T. -0.036 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

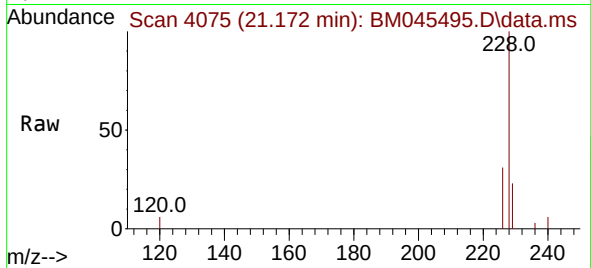
Tgt Ion:202 Resp: 26283
Ion Ratio Lower Upper
202 100
101 12.1 11.5 17.3
100 10.8 10.6 15.8





#21
Benzo(a)anthracene
Concen: 1.470 ng/ul m
RT: 21.172 min Scan# 4075
Delta R.T. -0.039 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

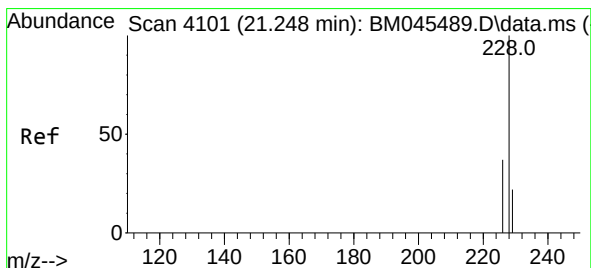
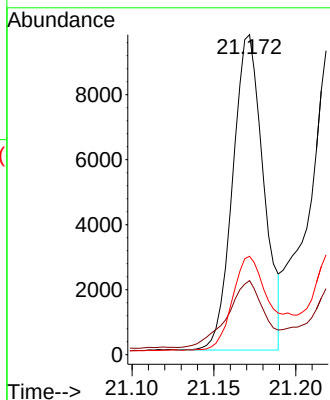
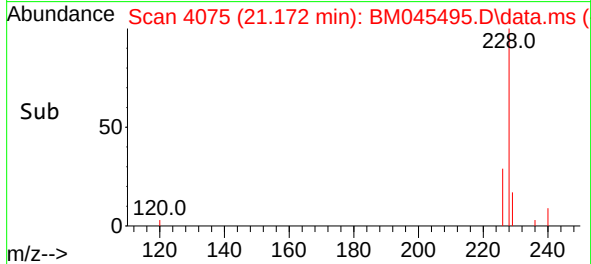
Instrument :
BNA_M
ClientSampleId :
E1CY4



Tgt Ion:228 Resp: 1273
Ion Ratio Lower Upper
228 100
229 23.2 19.4 29.2
226 30.7 26.3 39.5

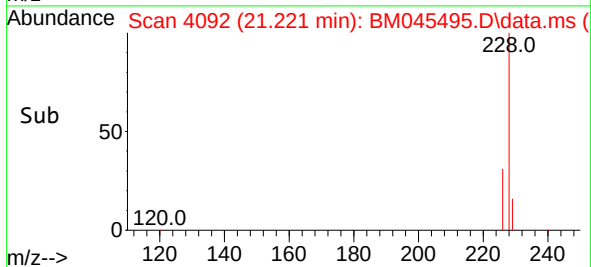
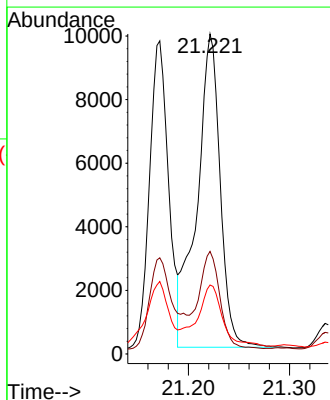
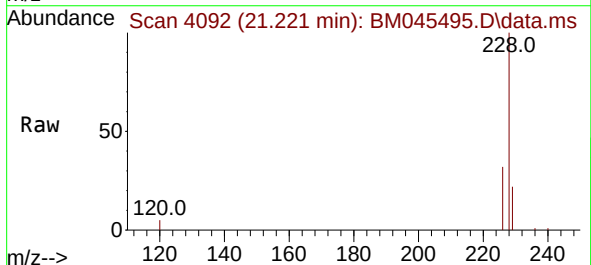
Manual Integrations
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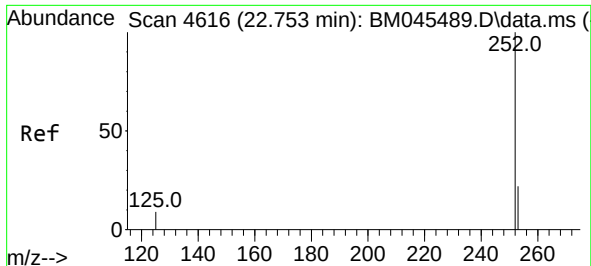
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#22
Chrysene
Concen: 1.187 ng/ul m
RT: 21.221 min Scan# 4092
Delta R.T. -0.027 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

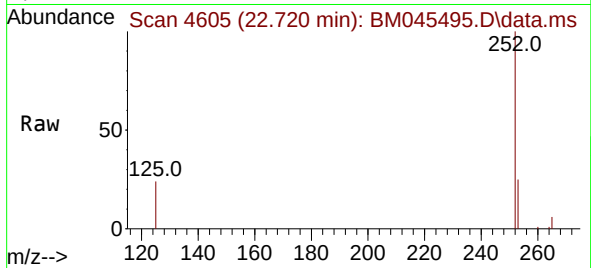
Tgt Ion:228 Resp: 15815
Ion Ratio Lower Upper
228 100
226 32.1 26.3 39.5
229 21.6 17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 2.392 ng/ul m
RT: 22.720 min Scan# 4605
Delta R.T. -0.033 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

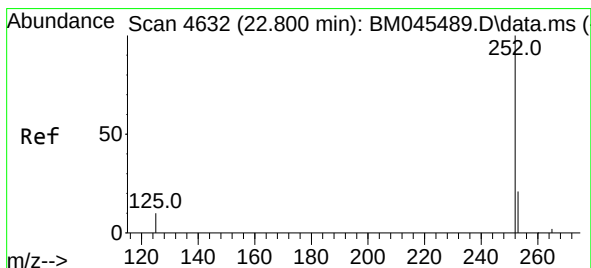
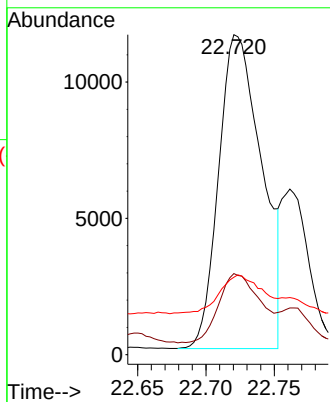
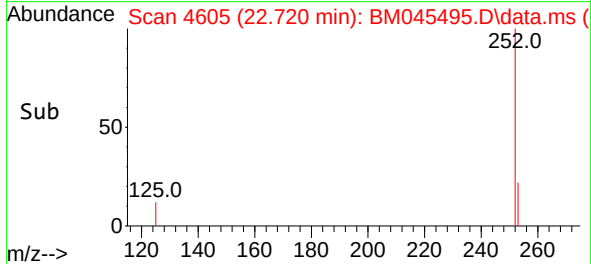
Instrument :
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ClientSampleId :
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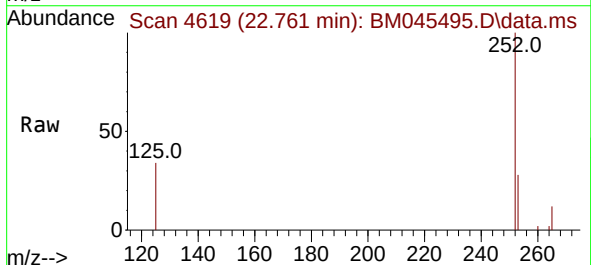
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Ion Ratio Lower Upper
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125 24.2 0.0 36.8

Manual Integrations
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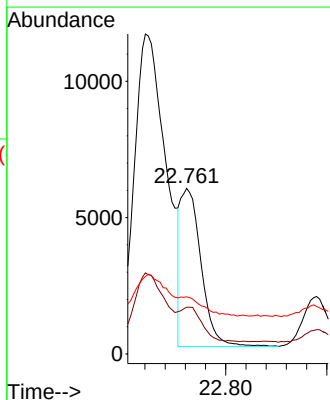
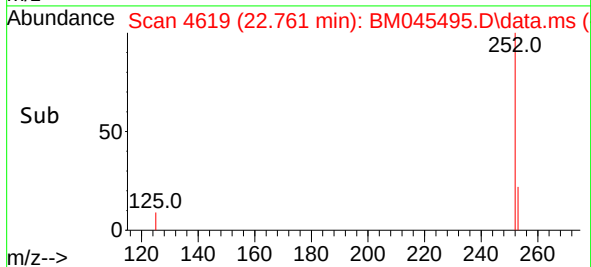
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024

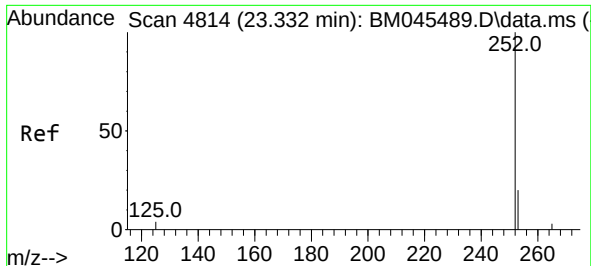


#25
Benzo(k)fluoranthene
Concen: 0.617 ng/ul m
RT: 22.761 min Scan# 4619
Delta R.T. -0.039 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51



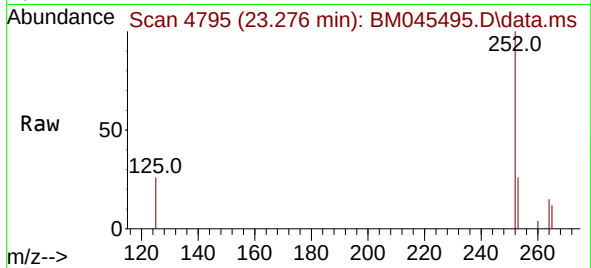
Tgt Ion:252 Resp: 8231
Ion Ratio Lower Upper
252 100
253 28.2 25.4 38.0
125 34.5 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 1.563 ng/ul
RT: 23.276 min Scan# 4795
Delta R.T. -0.056 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

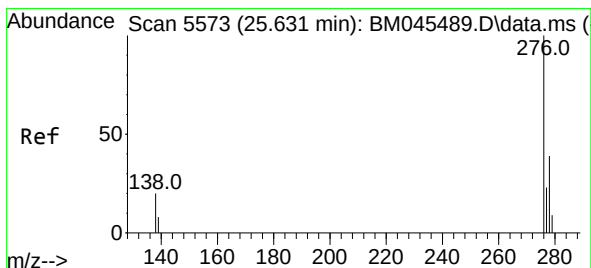
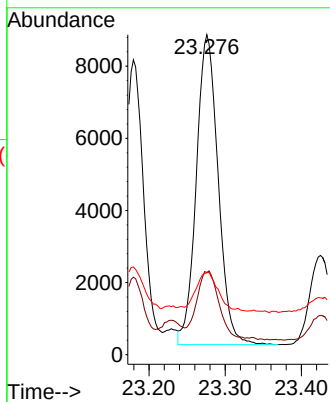
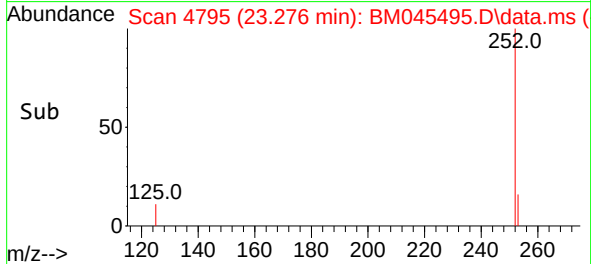
Instrument :
BNA_M
ClientSampleId :
E1CY4



Tgt Ion:252 Resp: 17110
Ion Ratio Lower Upper
252 100
253 25.7 31.6 47.4
125 25.5 19.5 29.3

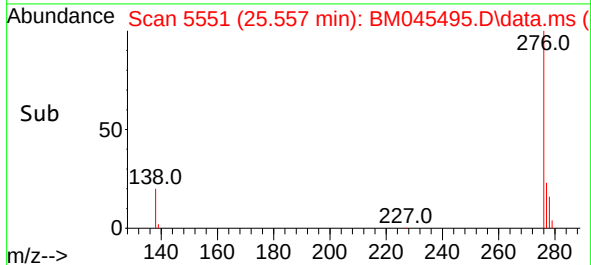
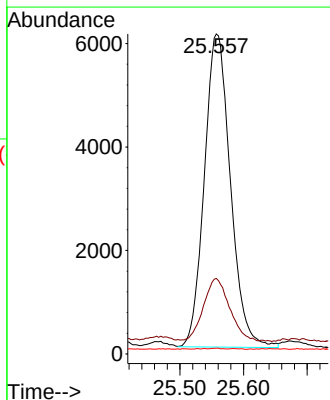
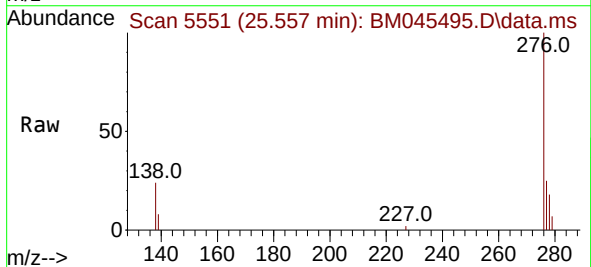
Manual Integrations
APPROVED

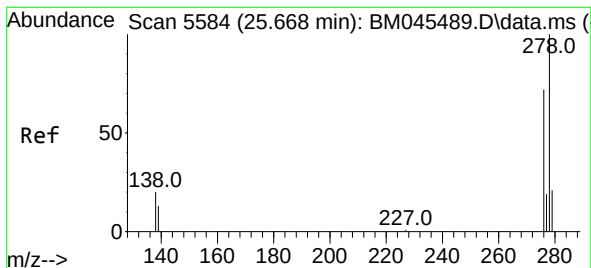
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.085 ng/ul
RT: 25.557 min Scan# 5551
Delta R.T. -0.074 min
Lab File: BM045495.D
Acq: 23 Apr 2024 00:51

Tgt Ion:276 Resp: 17257
Ion Ratio Lower Upper
276 100
138 19.8 19.8 29.6
227 0.1 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.320 ng/ul m

RT: 25.571 min Scan# 5

Delta R.T. -0.098 min

Lab File: BM045495.D

Acq: 23 Apr 2024 00:51

Instrument :

BNA_M

ClientSampleId :

E1CY4

Tgt Ion:278 Resp: 403

Ion Ratio Lower Upper

278 100

139 38.4 19.0 28.6

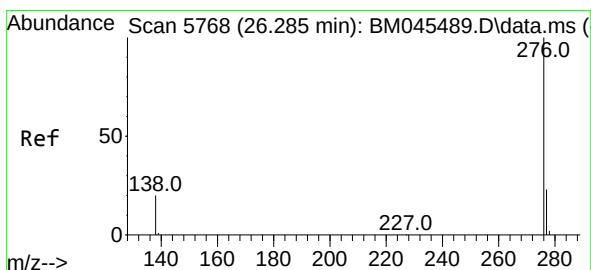
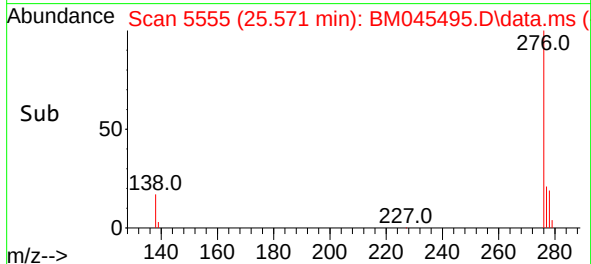
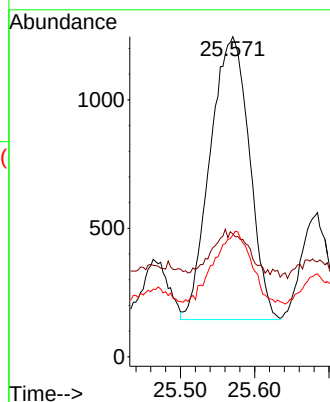
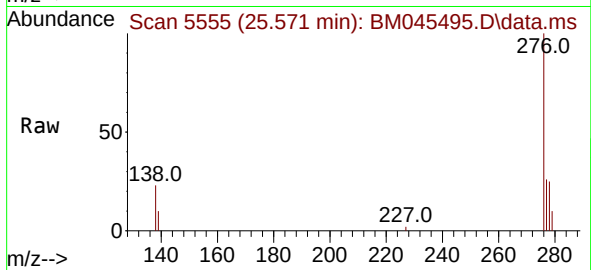
279 38.0 29.4 44.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/26/2024



#29

Benzo(g,h,i)perylene

Concen: 1.308 ng/ul

RT: 26.225 min Scan# 5750

Delta R.T. -0.061 min

Lab File: BM045495.D

Acq: 23 Apr 2024 00:51

Tgt Ion:276 Resp: 18695

Ion Ratio Lower Upper

276 100

138 23.0 20.8 31.2

277 25.5 21.8 32.8

