

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045543.D
 Acq On : 25 Apr 2024 01:02
 Operator : MA/JU
 Sample : P2104-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/25/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 25 01:43:44 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 : Wed Apr 24 05:17:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	1002	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136	2763	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.196	164	1477	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.959	188	3199m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.175	240	2996	0.400	ng/ul	#-0.02
23) Perylene-d12	23.364	264	3747	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	3990	2.971	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.925	152	826	0.227	ng/ul	0.00
18) Fluoranthene-d10	19.002	212	1808	0.192	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.363	128	930	0.125	ng/ul	94
7) 2-Methylnaphthalene	12.002	142	525	0.124	ng/ul	93
8) 1-Methylnaphthalene	12.222	142	401	0.084	ng/ul	100
10) Acenaphthylene	13.919	152	1481	0.203	ng/ul	92
11) Acenaphthene	14.261	153	1558	0.288	ng/ul	98
12) Fluorene	15.261	166	2263	0.391	ng/ul	98
15) Phenanthrene	17.002	178	52273m	5.611	ng/ul	
16) Anthracene	17.095	178	6280	0.720	ng/ul	96
19) Fluoranthene	19.034	202	146216	10.576	ng/ul#	87
20) Pyrene	19.397	202	129554	9.116	ng/ul#	91
21) Benzo(a)anthracene	21.160	228	54422	5.683	ng/ul	94
22) Chrysene	21.213	228	71282	4.841	ng/ul	97
24) Benzo(b)fluoranthene	22.712	252	131679m	10.447	ng/ul	
25) Benzo(k)fluoranthene	22.753	252	46510m	2.921	ng/ul	
26) Benzo(a)pyrene	23.264	252	83422	6.382	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.537	276	96128	5.059	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.544	278	17565	1.166	ng/ul	93
29) Benzo(g,h,i)perylene	26.204	276	95999	5.623	ng/ul#	91

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

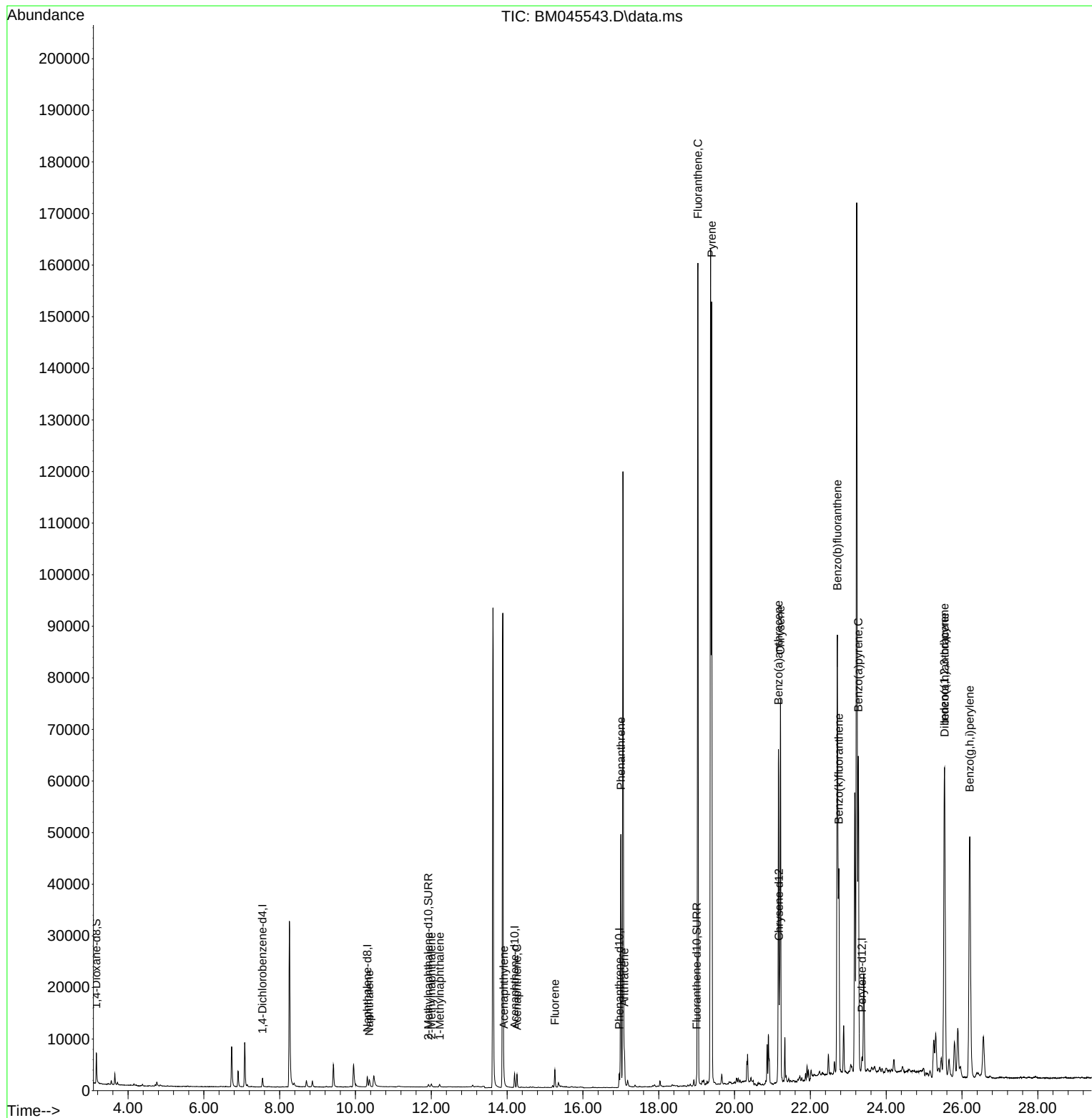
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045543.D
Acq On : 25 Apr 2024 01:02
Operator : MA/JU
Sample : P2104-02
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ALS Vial : 21 Sample Multiplier: 1

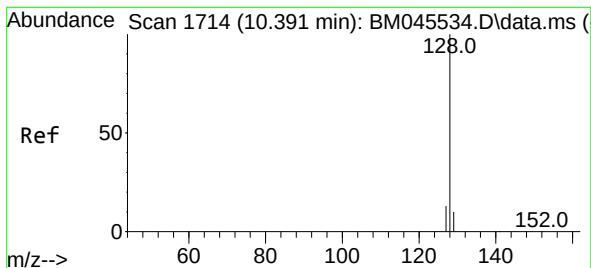
Instrument :
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ClientSampleId :
C0AA3

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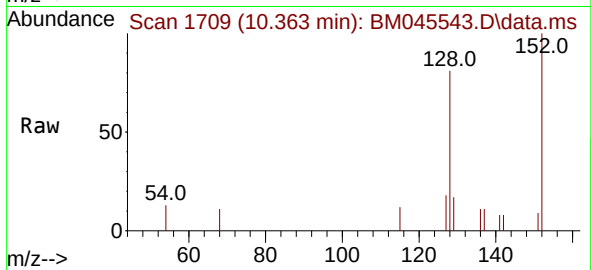
Quant Time: Apr 25 01:43:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.125 ng/ul
RT: 10.363 min Scan# 11
Delta R.T. -0.016 min
Lab File: BM045543.D
Acq: 25 Apr 2024 01:02

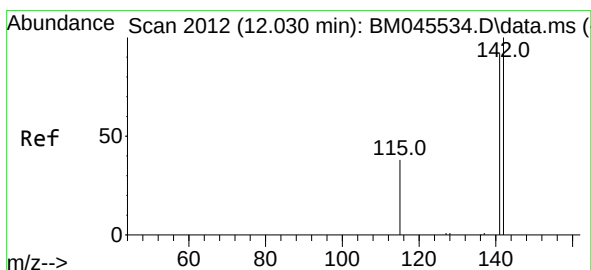
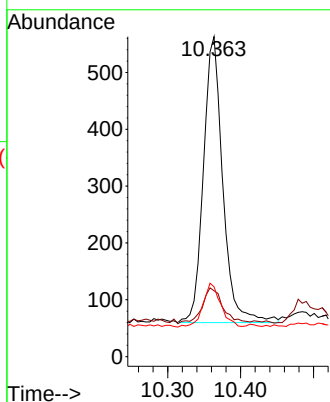
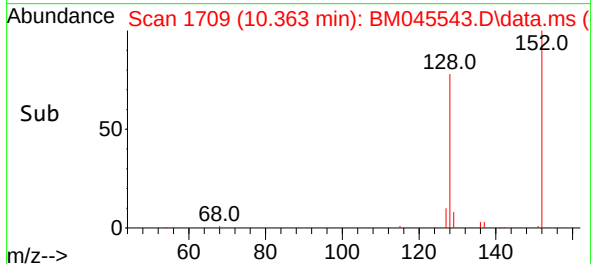
Instrument :
BNA_M
ClientSampleId :
C0AA3



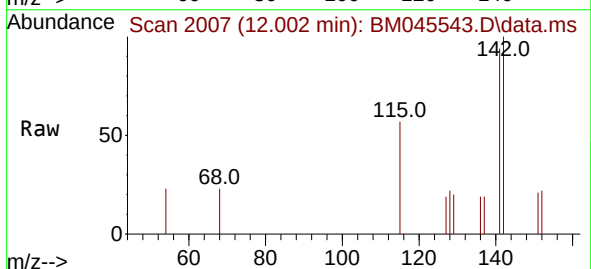
Tgt Ion:128 Resp: 930
Ion Ratio Lower Upper
128 100
129 20.6 14.0 21.0
127 21.8 15.4 23.2

Manual Integrations
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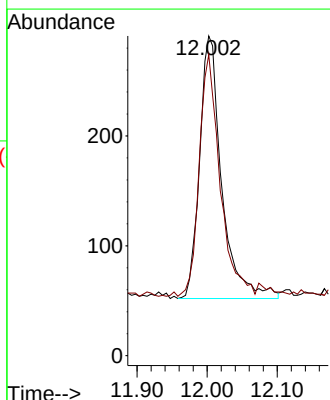
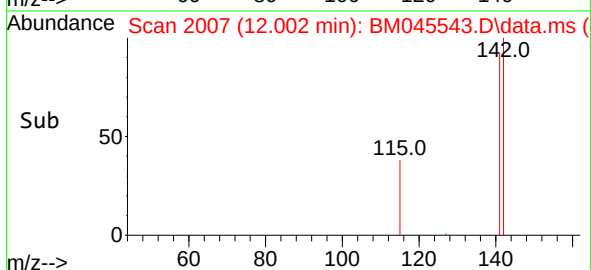
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

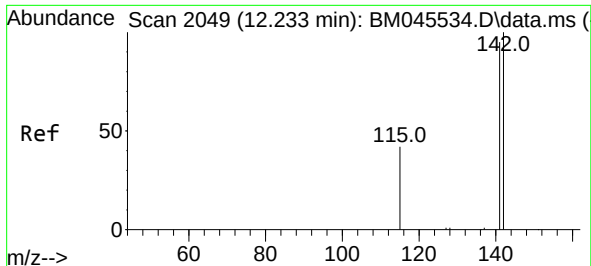


#7
2-Methylnaphthalene
Concen: 0.124 ng/ul
RT: 12.002 min Scan# 2007
Delta R.T. -0.005 min
Lab File: BM045543.D
Acq: 25 Apr 2024 01:02



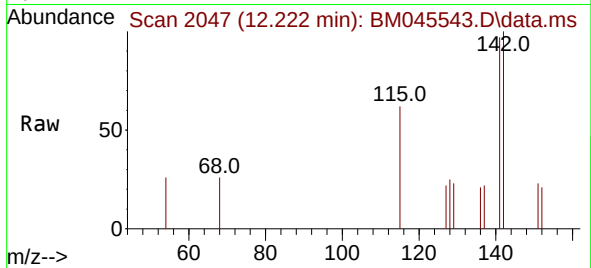
Tgt Ion:142 Resp: 525
Ion Ratio Lower Upper
142 100
141 86.5 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.084 ng/ul
RT: 12.222 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BM045543.D
Acq: 25 Apr 2024 01:02

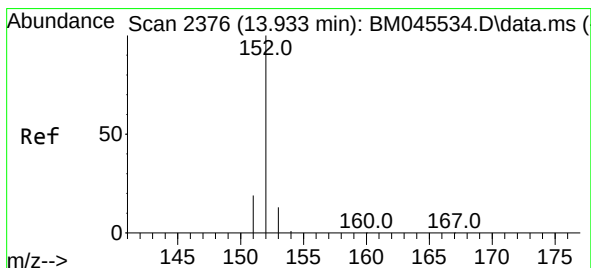
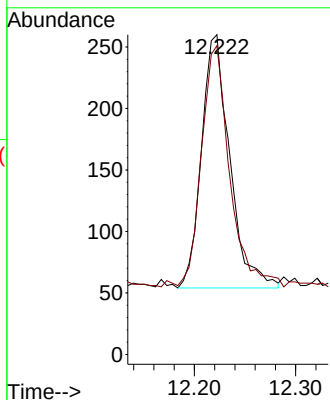
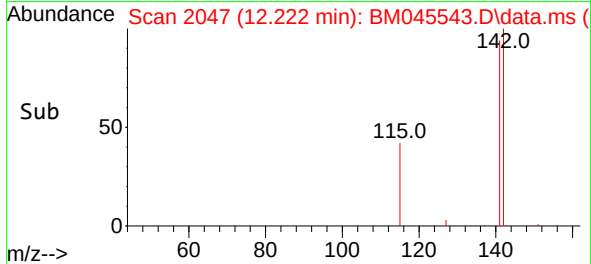
Instrument :
BNA_M
ClientSampleId :
C0AA3



Tgt Ion:142 Resp: 401
Ion Ratio Lower Upper
142 100
141 95.0 76.1 114.1

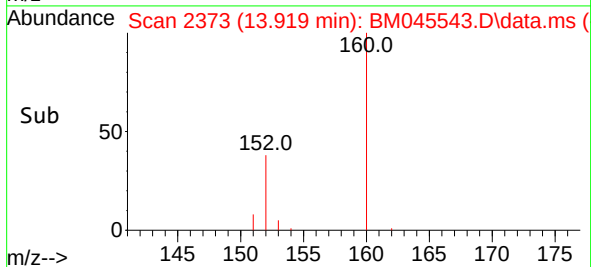
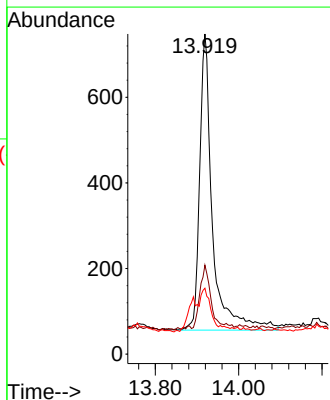
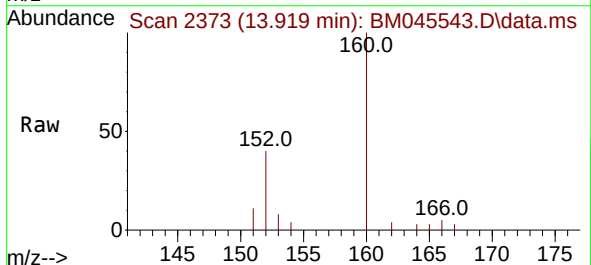
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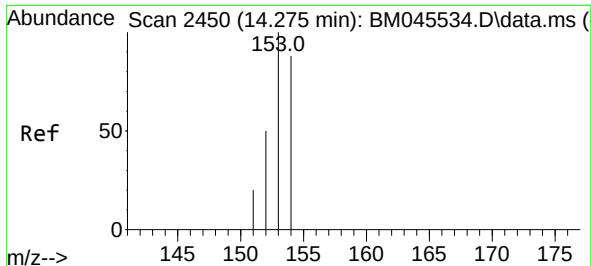
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#10
Acenaphthylene
Concen: 0.203 ng/ul
RT: 13.919 min Scan# 2373
Delta R.T. -0.008 min
Lab File: BM045543.D
Acq: 25 Apr 2024 01:02

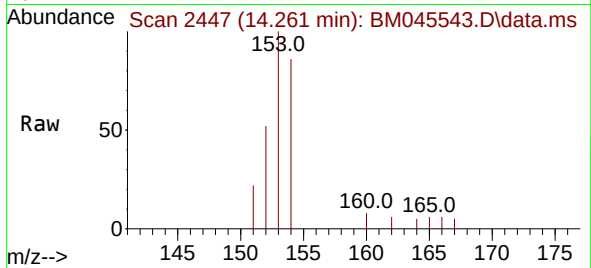
Tgt Ion:152 Resp: 1481
Ion Ratio Lower Upper
152 100
151 27.8 18.6 28.0
153 20.6 14.1 21.1





#11
Acenaphthene
Concen: 0.288 ng/u1
RT: 14.261 min Scan# 2447
Delta R.T. -0.008 min
Lab File: BM045543.D
Acq: 25 Apr 2024 01:02

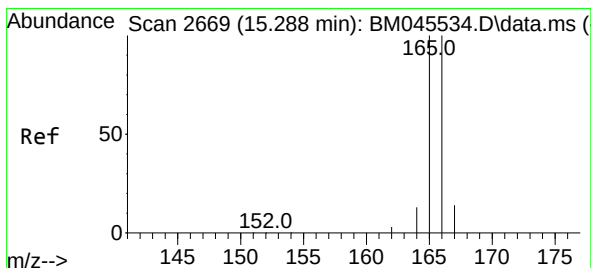
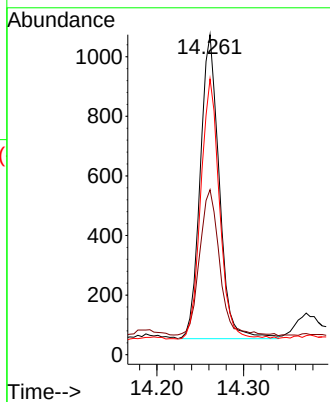
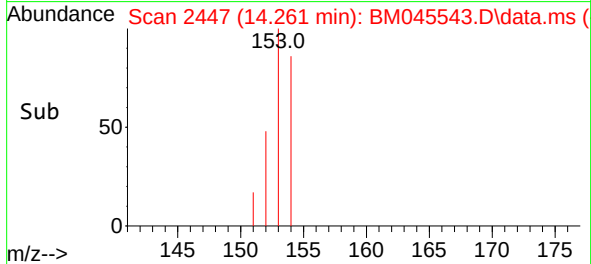
Instrument :
BNA_M
ClientSampleId :
C0AA3



Tgt Ion:153 Resp: 1558
Ion Ratio Lower Upper
153 100
152 51.6 43.4 65.2
154 86.2 69.0 103.6

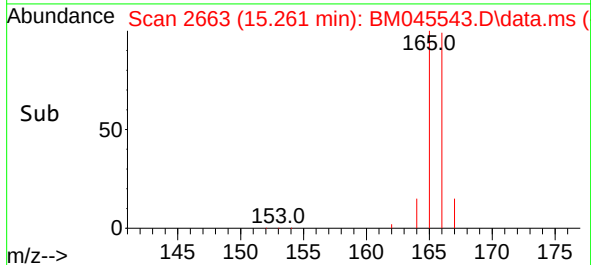
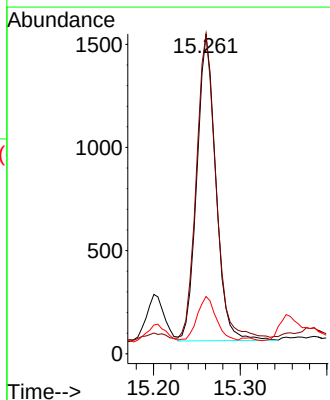
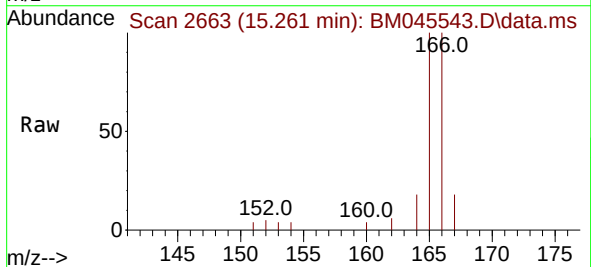
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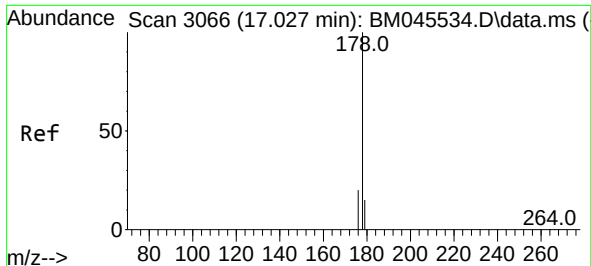
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#12
Fluorene
Concen: 0.391 ng/u1
RT: 15.261 min Scan# 2663
Delta R.T. -0.018 min
Lab File: BM045543.D
Acq: 25 Apr 2024 01:02

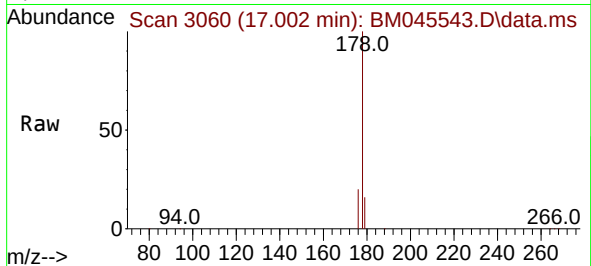
Tgt Ion:166 Resp: 2263
Ion Ratio Lower Upper
166 100
165 100.5 82.2 123.2
167 18.0 14.8 22.2





#15
Phenanthrene
Concen: 5.611 ng/ul m
RT: 17.002 min Scan# 3060
Delta R.T. -0.020 min
Lab File: BM045543.D
Acq: 25 Apr 2024 01:02

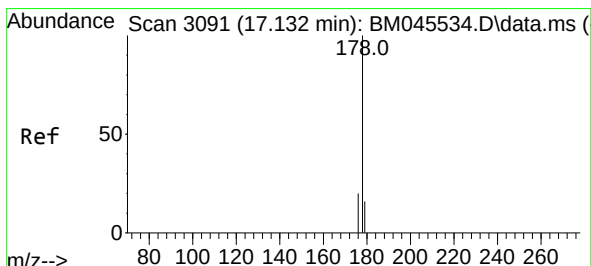
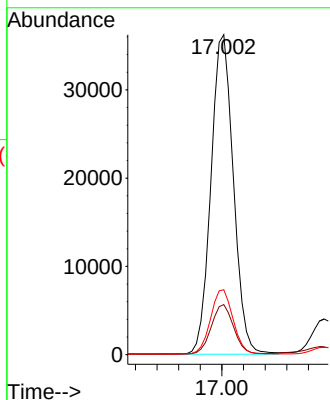
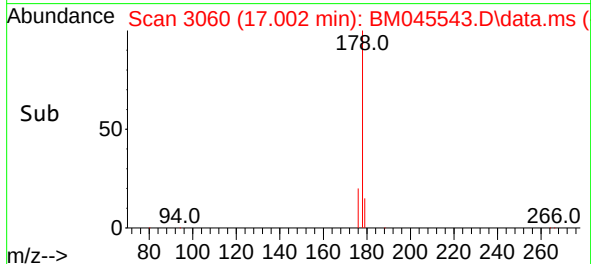
Instrument :
BNA_M
ClientSampleId :
C0AA3



Tgt Ion:178 Resp: 5227
Ion Ratio Lower Upper
178 100
179 15.7 15.4 23.2
176 20.3 19.0 28.4

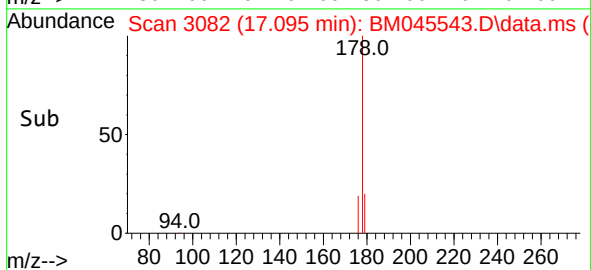
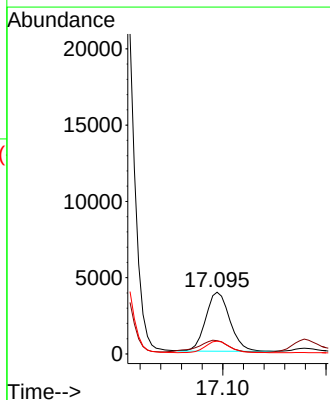
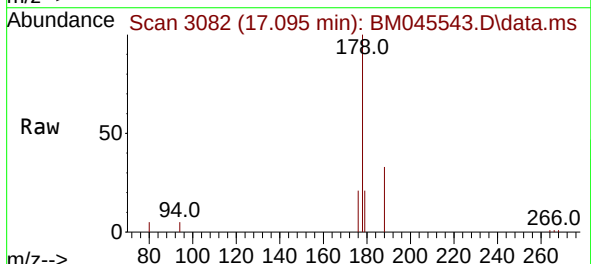
Manual Integrations
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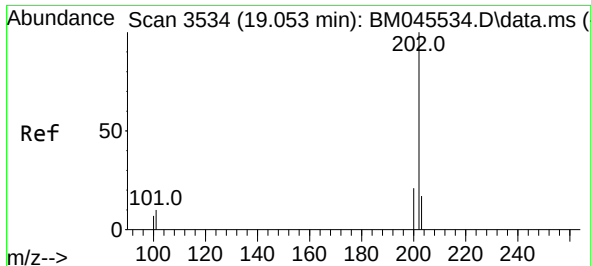
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#16
Anthracene
Concen: 0.720 ng/ul
RT: 17.095 min Scan# 3082
Delta R.T. -0.024 min
Lab File: BM045543.D
Acq: 25 Apr 2024 01:02

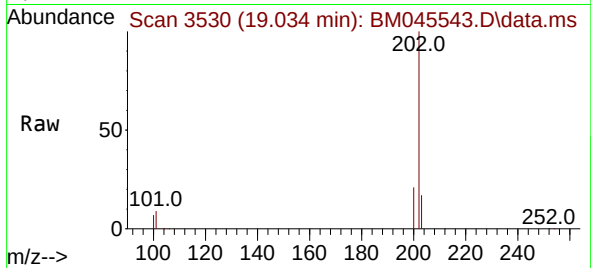
Tgt Ion:178 Resp: 6280
Ion Ratio Lower Upper
178 100
179 21.5 17.8 26.6
176 20.8 18.7 28.1





#19
Fluoranthene
Concen: 10.576 ng/ul
RT: 19.034 min Scan# 3534
Delta R.T. -0.013 min
Lab File: BM045543.D
Acq: 25 Apr 2024 01:02

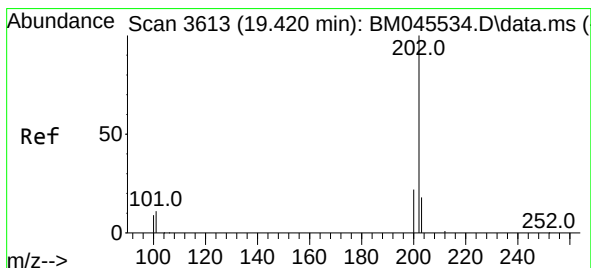
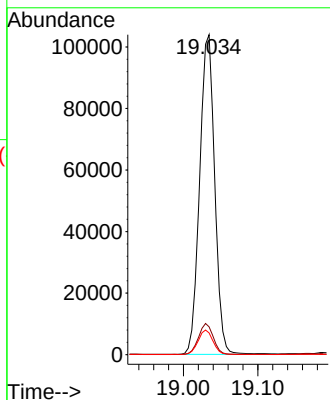
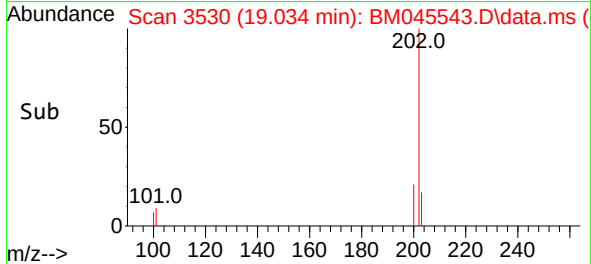
Instrument :
BNA_M
ClientSampleId :
C0AA3



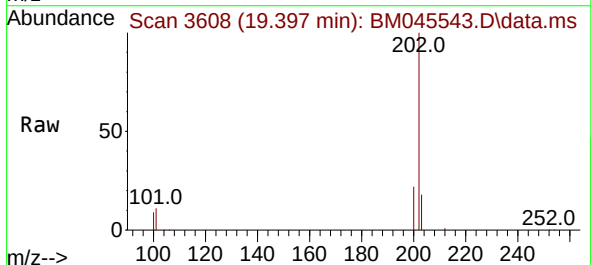
Tgt Ion:202 Resp: 146210
Ion Ratio Lower Upper
202 100
101 8.7 11.2 16.8#
100 6.8 9.1 13.7#

Manual Integrations
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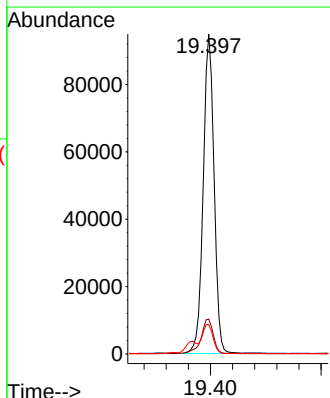
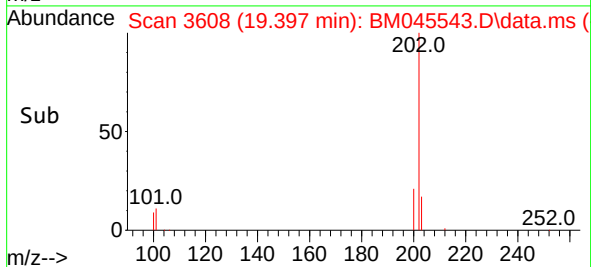
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

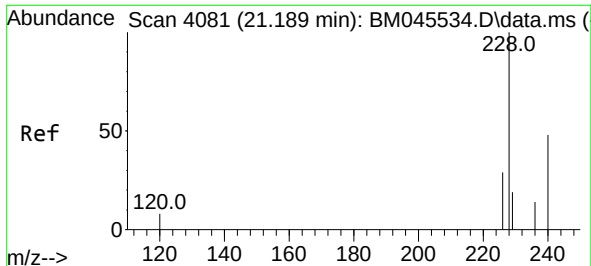


#20
Pyrene
Concen: 9.116 ng/ul
RT: 19.397 min Scan# 3608
Delta R.T. -0.018 min
Lab File: BM045543.D
Acq: 25 Apr 2024 01:02



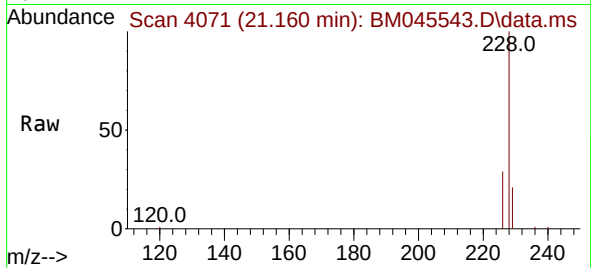
Tgt Ion:202 Resp: 129554
Ion Ratio Lower Upper
202 100
101 10.9 11.5 17.3#
100 9.2 10.6 15.8#





#21
Benzo(a)anthracene
Concen: 5.683 ng/ul
RT: 21.160 min Scan# 4071
Delta R.T. -0.021 min
Lab File: BM045543.D
Acq: 25 Apr 2024 01:02

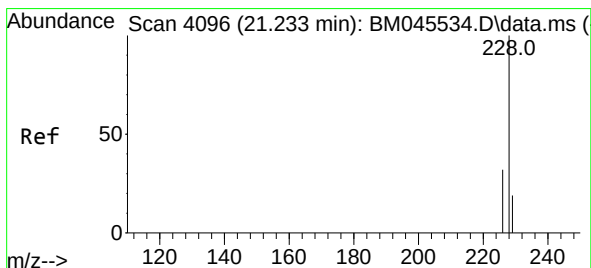
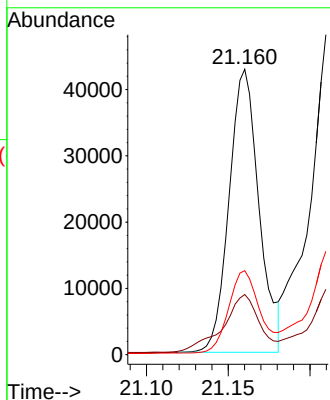
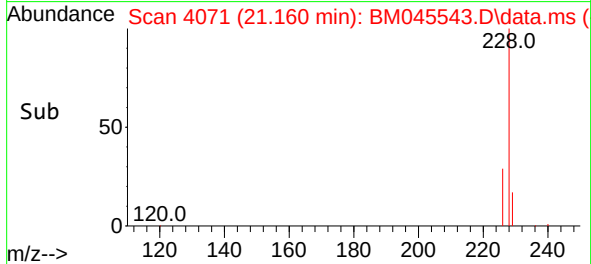
Instrument :
BNA_M
ClientSampleId :
C0AA3



Tgt Ion:228 Resp: 5442
Ion Ratio Lower Upper
228 100
229 21.1 19.4 29.2
226 29.4 26.3 39.5

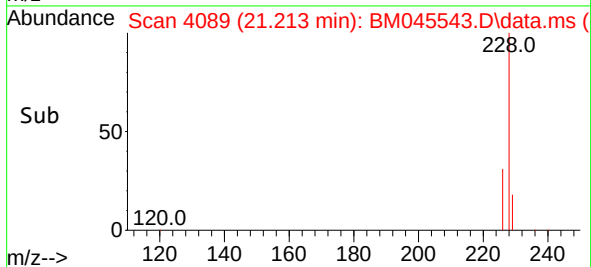
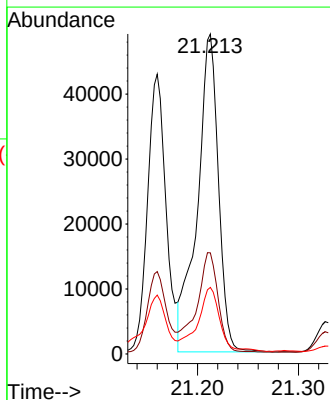
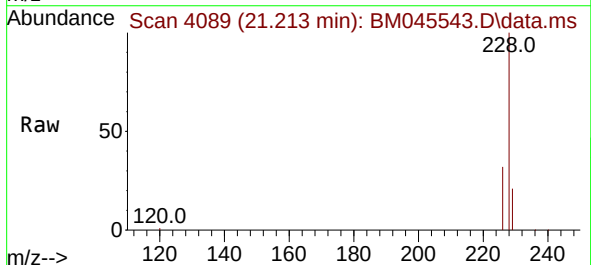
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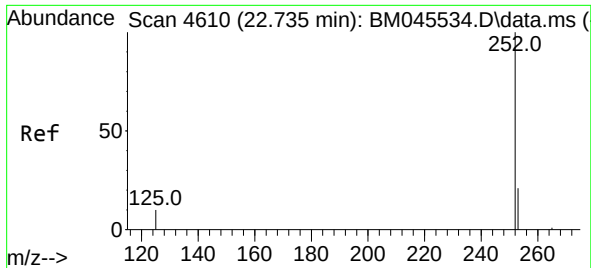
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#22
Chrysene
Concen: 4.841 ng/ul
RT: 21.213 min Scan# 4089
Delta R.T. -0.015 min
Lab File: BM045543.D
Acq: 25 Apr 2024 01:02

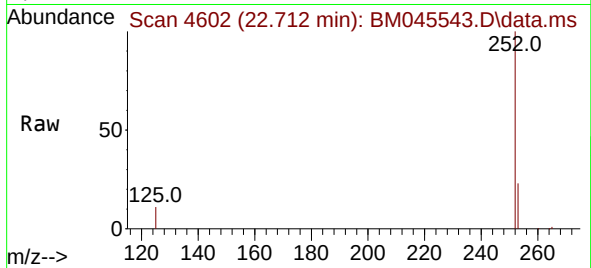
Tgt Ion:228 Resp: 71282
Ion Ratio Lower Upper
228 100
226 31.6 26.3 39.5
229 20.8 17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 10.447 ng/ul m
RT: 22.712 min Scan# 4602
Delta R.T. -0.018 min
Lab File: BM045543.D
Acq: 25 Apr 2024 01:02

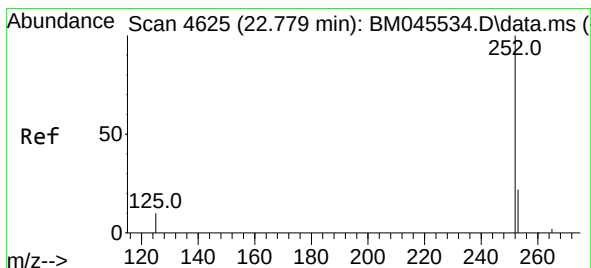
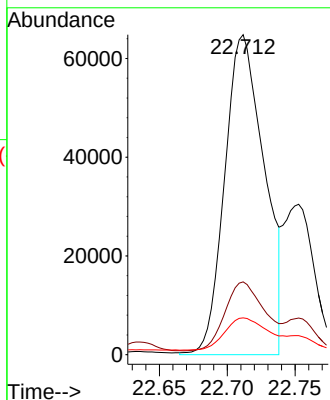
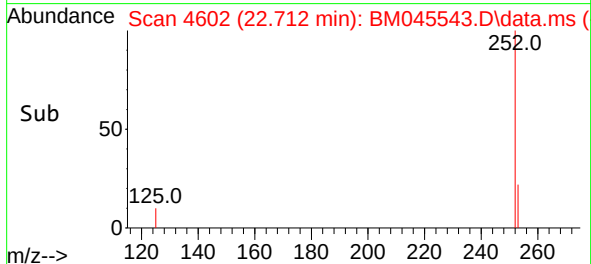
Instrument :
BNA_M
ClientSampleId :
C0AA3



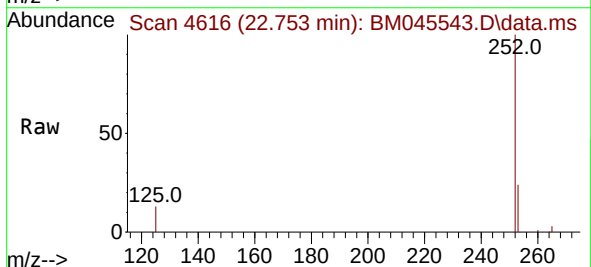
Tgt Ion:252 Resp: 131679
Ion Ratio Lower Upper
252 100
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125 11.5 0.0 36.8

Manual Integrations
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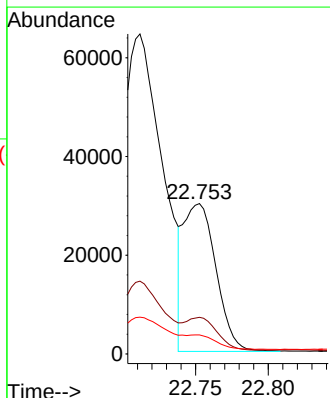
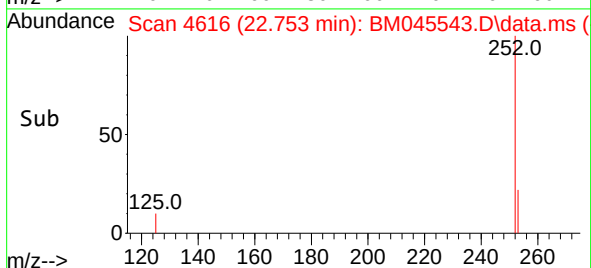
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

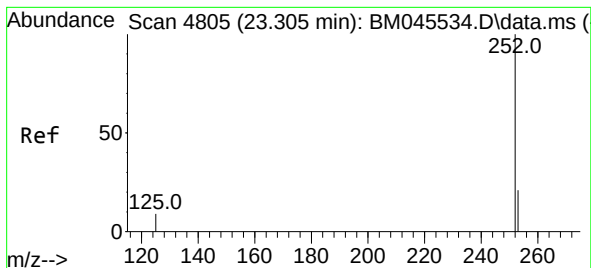


#25
Benzo(k)fluoranthene
Concen: 2.921 ng/ul m
RT: 22.753 min Scan# 4616
Delta R.T. -0.018 min
Lab File: BM045543.D
Acq: 25 Apr 2024 01:02



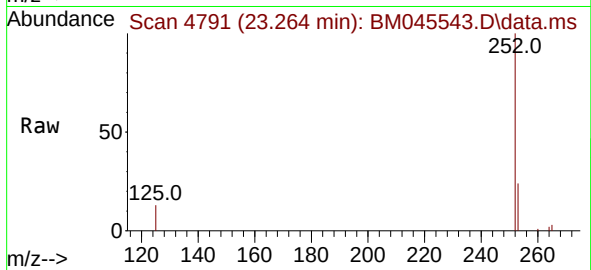
Tgt Ion:252 Resp: 46510
Ion Ratio Lower Upper
252 100
253 24.4 25.4 38.0#
125 12.7 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 6.382 ng/u1
RT: 23.264 min Scan# 4791
Delta R.T. -0.027 min
Lab File: BM045543.D
Acq: 25 Apr 2024 01:02

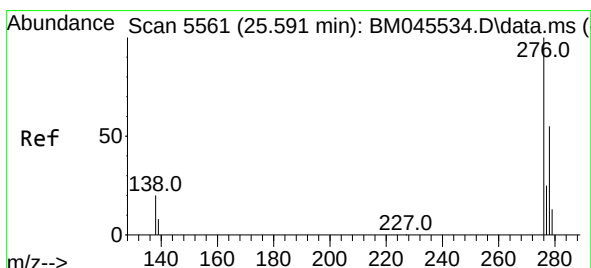
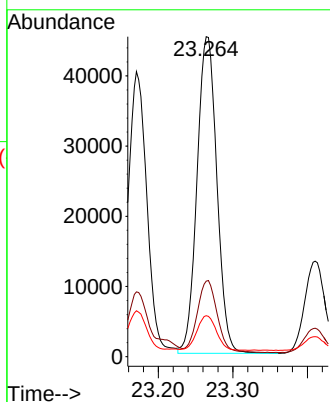
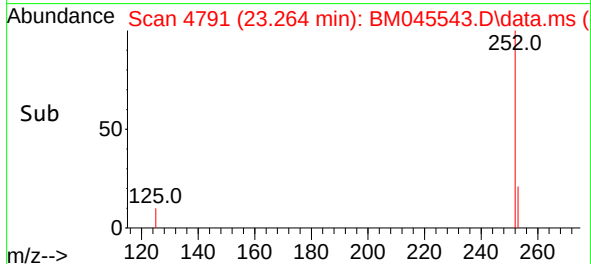
Instrument :
BNA_M
ClientSampleId :
C0AA3



Tgt Ion:252 Resp: 8342
Ion Ratio Lower Upper
252 100
253 23.6 31.6 47.4
125 12.8 19.5 29.3

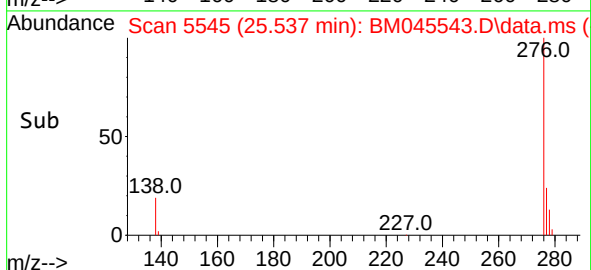
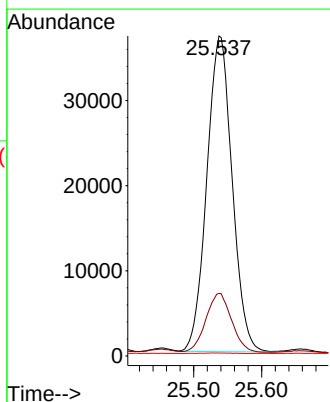
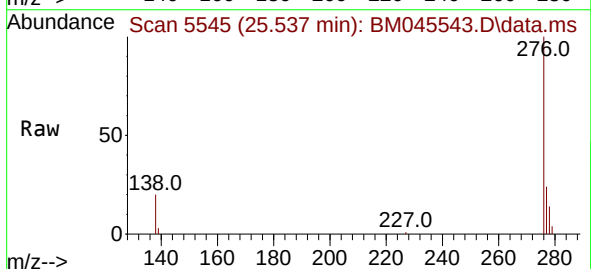
Manual Integrations
APPROVED

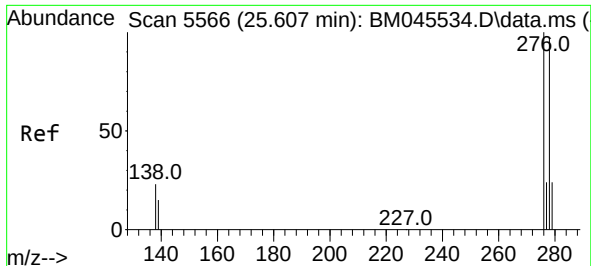
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.059 ng/u1
RT: 25.537 min Scan# 5545
Delta R.T. -0.034 min
Lab File: BM045543.D
Acq: 25 Apr 2024 01:02

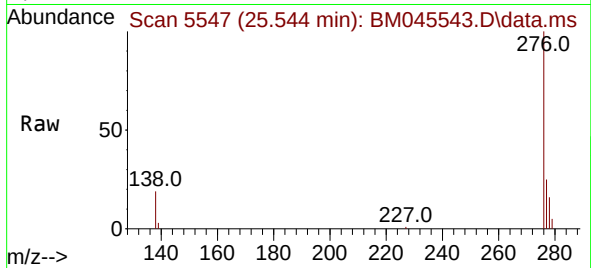
Tgt Ion:276 Resp: 96128
Ion Ratio Lower Upper
276 100
138 18.9 19.8 29.6
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 1.166 ng/ul
RT: 25.544 min Scan# 51
Delta R.T. -0.044 min
Lab File: BM045543.D
Acq: 25 Apr 2024 01:02

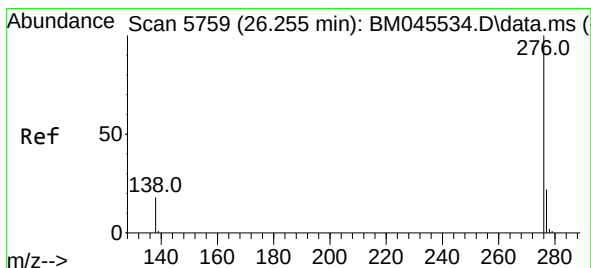
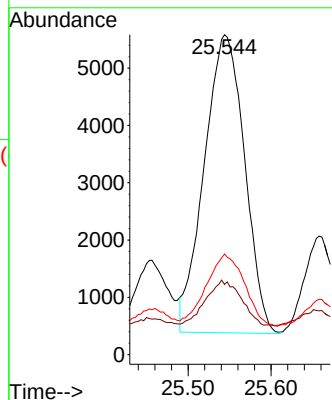
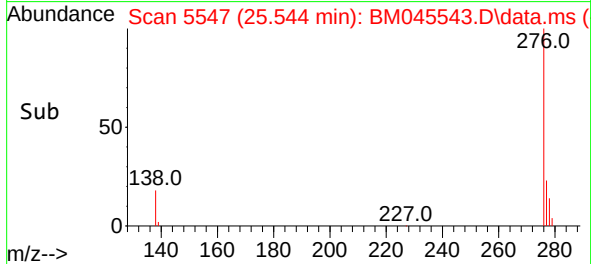
Instrument :
BNA_M
ClientSampleId :
C0AA3



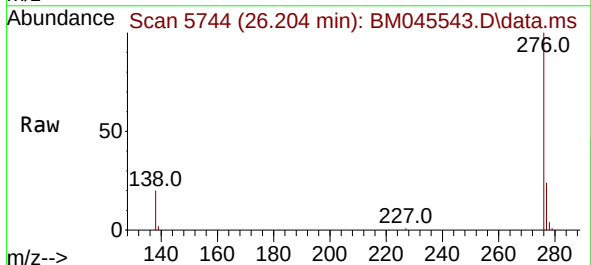
Tgt Ion:278 Resp: 1756
Ion Ratio Lower Upper
278 100
139 22.0 19.0 28.6
279 31.4 29.4 44.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#29
Benzo(g,h,i)perylene
Concen: 5.623 ng/ul
RT: 26.204 min Scan# 5744
Delta R.T. -0.031 min
Lab File: BM045543.D
Acq: 25 Apr 2024 01:02



Tgt Ion:276 Resp: 95999
Ion Ratio Lower Upper
276 100
138 20.0 20.8 31.2#
277 24.4 21.8 32.8

