

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041824\
 Data File : BM045383.D
 Acq On : 19 Apr 2024 08:57
 Operator : MA/JU
 Sample : P2036-13MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YCSY4MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024

Quant Time: Apr 19 09:29:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 22:19:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	665	0.400	ng/ul	0.00
4) Naphthalene-d8	10.380	136	2093	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.233	164	1104	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.001	188	2377	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.211	240	1994	0.400	ng/ul	# 0.00
23) Perylene-d12	23.414	264	2511	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	250	0.286	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.980	152	972	0.343	ng/ul	-0.02
18) Fluoranthene-d10	19.038	212	2449	0.486	ng/ul	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.205	88	6357	7.591	ng/ul#	79
5) Naphthalene	10.430	128	2143	0.386	ng/ul#	88
7) 2-Methylnaphthalene	12.052	142	1312	0.396	ng/ul	98
8) 1-Methylnaphthalene	12.261	142	1373	0.379	ng/ul	96
10) Acenaphthylene	13.955	152	2111	0.383	ng/ul#	91
11) Acenaphthene	14.297	153	1600	0.406	ng/ul	99
12) Fluorene	15.306	166	1820	0.412	ng/ul	95
14) Pentachlorophenol	16.663	266	508	0.911	ng/ul	97
15) Phenanthrene	17.043	178	3121	0.466	ng/ul	96
16) Anthracene	17.149	178	1546m	0.235	ng/ul	
19) Fluoranthene	19.071	202	3947	0.554	ng/ul	96
20) Pyrene	19.433	202	4091	0.544	ng/ul#	95
21) Benzo(a)anthracene	21.202	228	2997	0.432	ng/ul	96
22) Chrysene	21.249	228	4327	0.499	ng/ul	98
24) Benzo(b)fluoranthene	22.756	252	4540	0.501	ng/ul	96
25) Benzo(k)fluoranthene	22.800	252	5238	0.516	ng/ul	95
26) Benzo(a)pyrene	23.332	252	1910	0.221	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	25.619	276	6657	0.561	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.639	278	5240	0.558	ng/ul	93
29) Benzo(g,h,i)perylene	26.283	276	5771	0.564	ng/ul	95

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

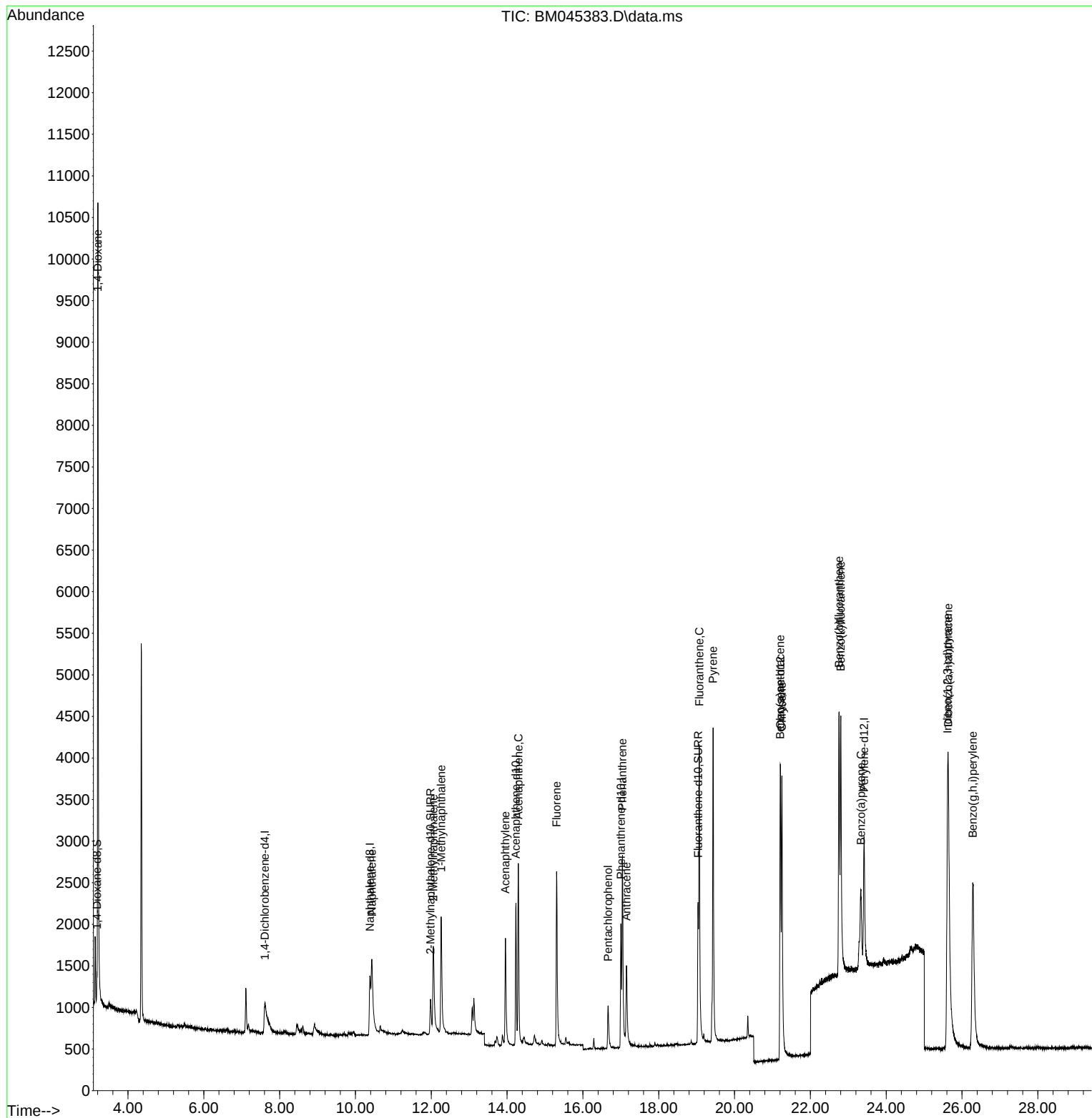
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041824\
Data File : BM045383.D
Acq On : 19 Apr 2024 08:57
Operator : MA/JU
Sample : P2036-13MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

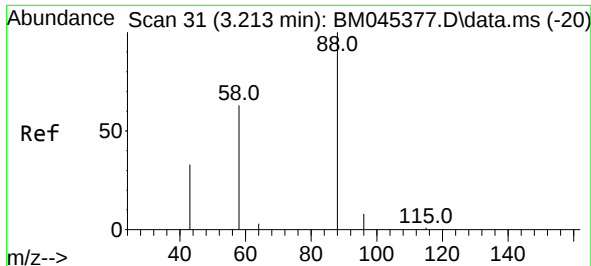
Instrument :
BNA_M
ClientSampleId :
YCSY4MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

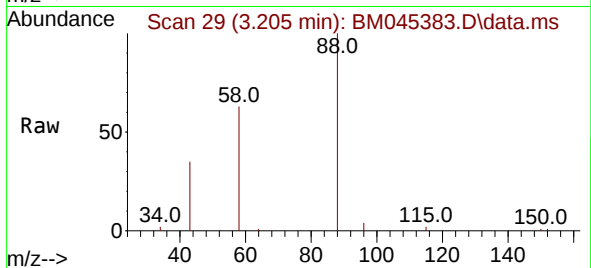
Quant Time: Apr 19 09:29:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 22:19:59 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 7.591 ng/ul
RT: 3.205 min Scan# 29
Delta R.T. -0.008 min
Lab File: BM045383.D
Acq: 19 Apr 2024 08:57

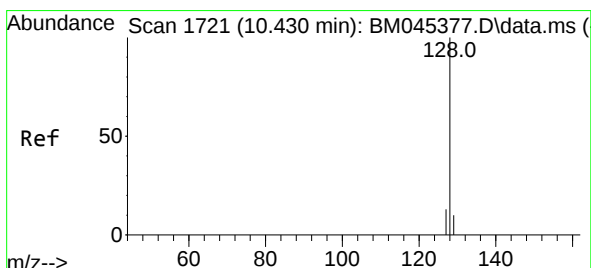
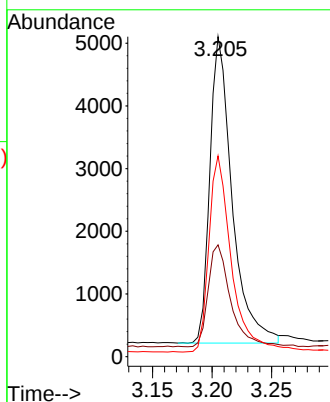
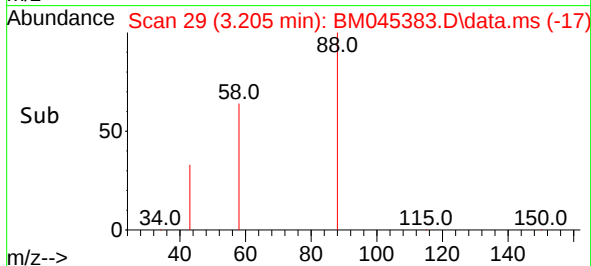
Instrument :
BNA_M
ClientSampleId :
YCSY4MS



Tgt Ion: 88 Resp: 635
Ion Ratio Lower Upper
88 100
43 35.0 30.6 46.0
58 62.8 32.6 48.8

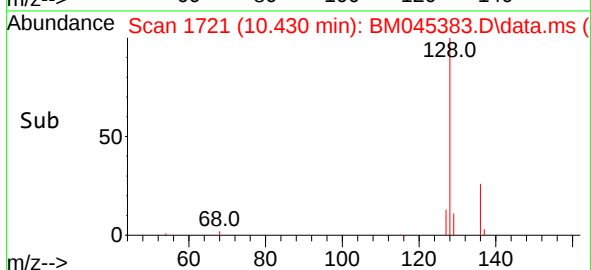
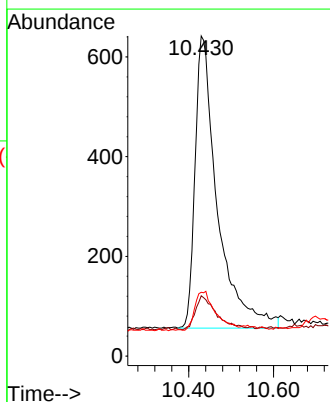
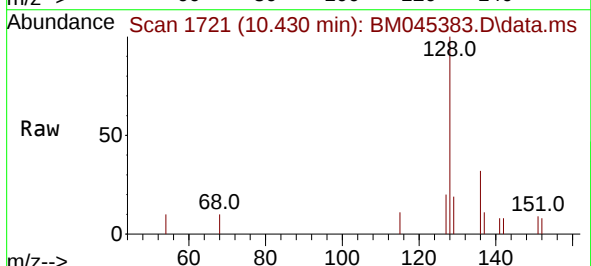
Manual Integrations
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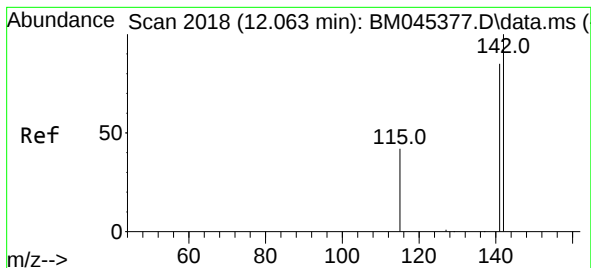
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#5
Naphthalene
Concen: 0.386 ng/ul
RT: 10.430 min Scan# 1721
Delta R.T. -0.011 min
Lab File: BM045383.D
Acq: 19 Apr 2024 08:57

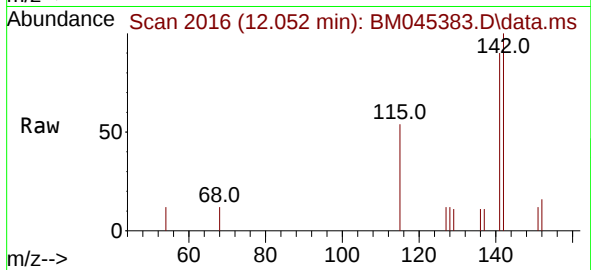
Tgt Ion:128 Resp: 2143
Ion Ratio Lower Upper
128 100
129 18.8 11.3 16.9#
127 19.9 11.9 17.9#





#7
2-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 12.052 min Scan# 2016
Delta R.T. -0.017 min
Lab File: BM045383.D
Acq: 19 Apr 2024 08:57

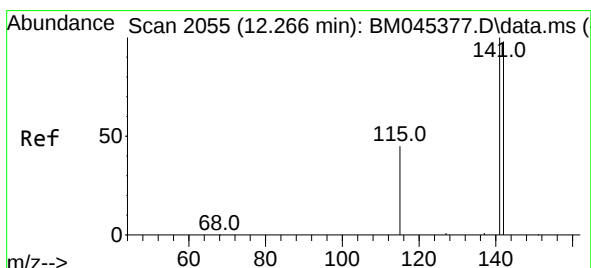
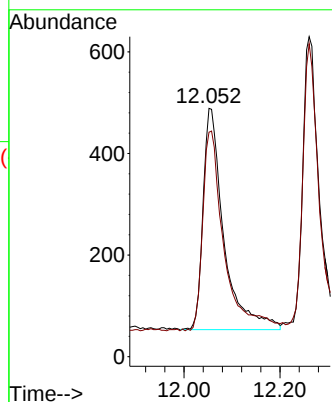
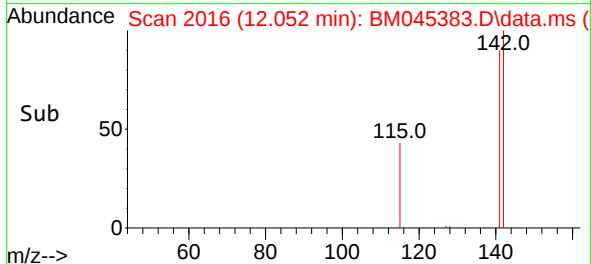
Instrument :
BNA_M
ClientSampleId :
YCSY4MS



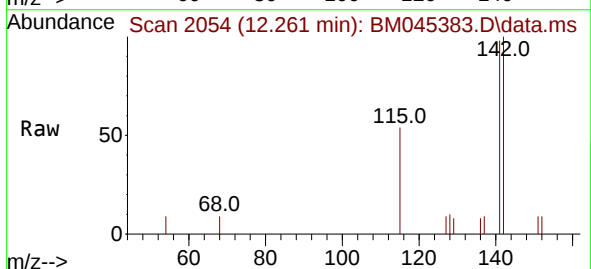
Tgt Ion:142 Resp: 1312
Ion Ratio Lower Upper
142 100
141 93.9 73.8 110.8

Manual Integrations
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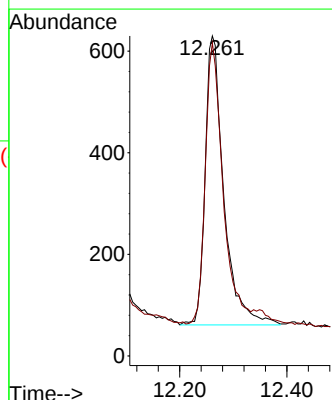
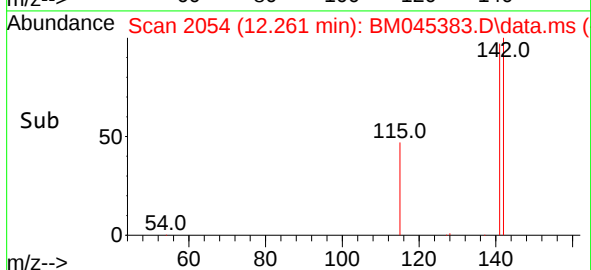
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

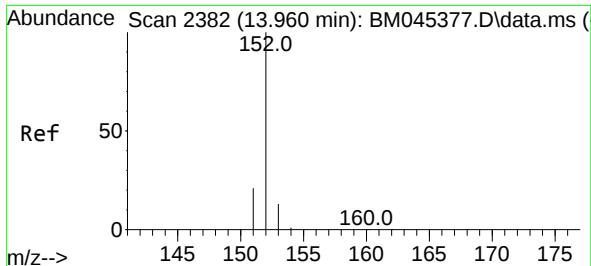


#8
1-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.261 min Scan# 2054
Delta R.T. -0.011 min
Lab File: BM045383.D
Acq: 19 Apr 2024 08:57



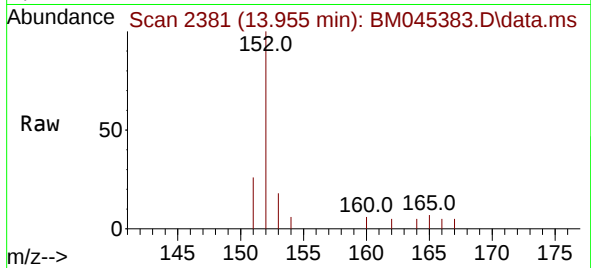
Tgt Ion:142 Resp: 1373
Ion Ratio Lower Upper
142 100
141 96.6 74.2 111.2





#10
Acenaphthylene
Concen: 0.383 ng/u1
RT: 13.955 min Scan# 211
Delta R.T. -0.009 min
Lab File: BM045383.D
Acq: 19 Apr 2024 08:57

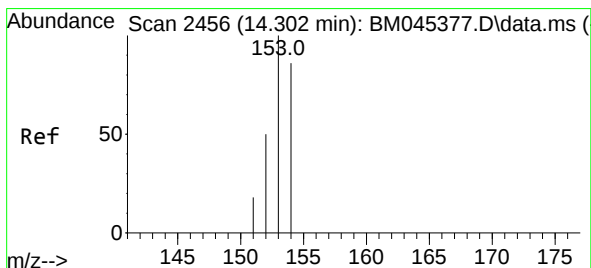
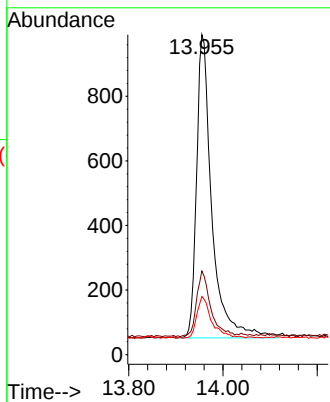
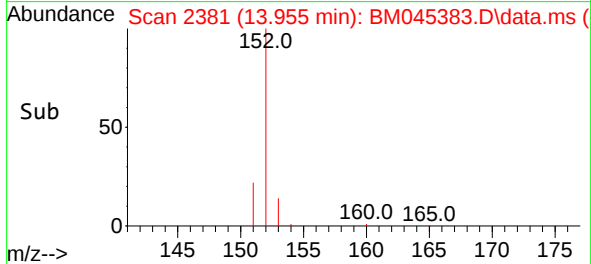
Instrument :
BNA_M
ClientSampleId :
YCSY4MS



Tgt Ion	Ratio	Lower	Upper
152	100		
151	26.1	17.0	25.4
153	18.2	11.9	17.9

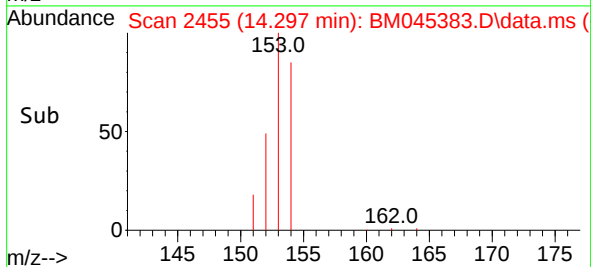
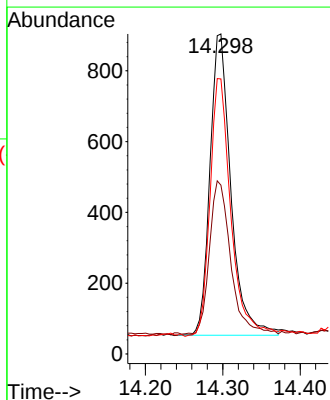
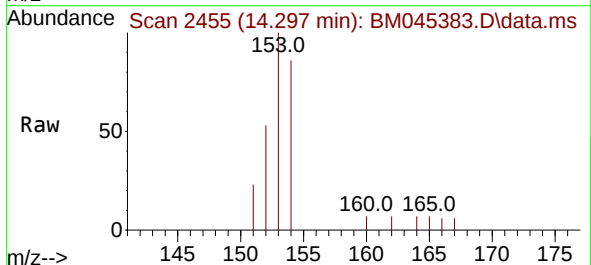
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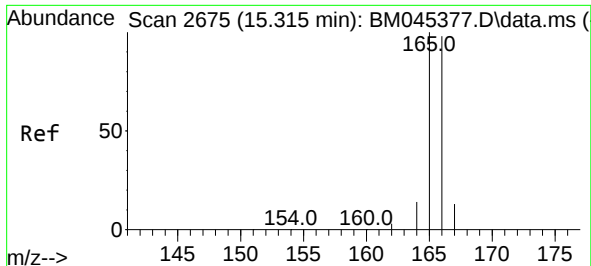
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#11
Acenaphthene
Concen: 0.406 ng/u1
RT: 14.297 min Scan# 2455
Delta R.T. -0.005 min
Lab File: BM045383.D
Acq: 19 Apr 2024 08:57

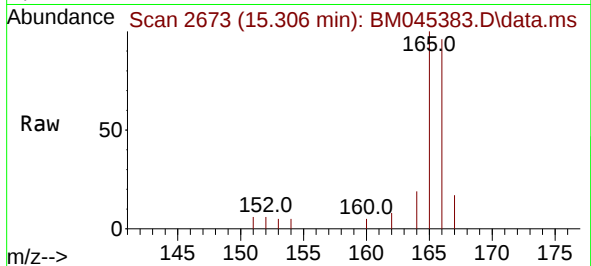
Tgt Ion	Ratio	Lower	Upper
153	100		
152	52.8	41.2	61.8
154	86.0	69.4	104.0





#12
Fluorene
Concen: 0.412 ng/ul
RT: 15.306 min Scan# 2673
Delta R.T. -0.019 min
Lab File: BM045383.D
Acq: 19 Apr 2024 08:57

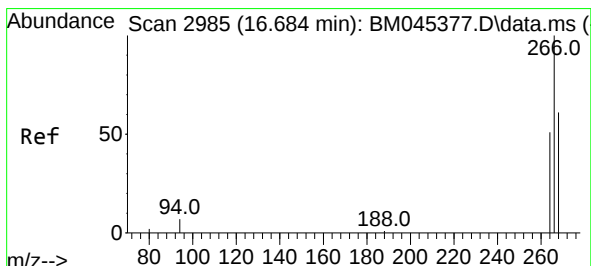
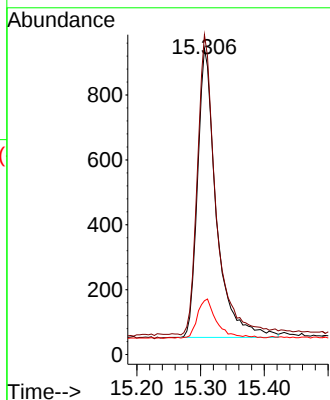
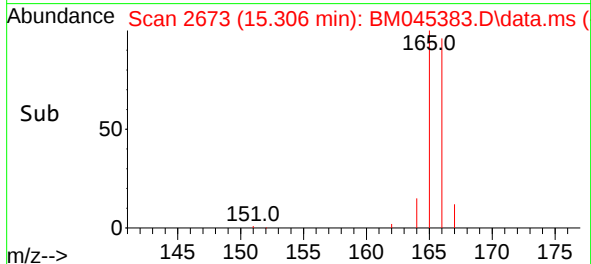
Instrument :
BNA_M
ClientSampleId :
YCSY4MS



Tgt Ion:166 Resp: 1820
Ion Ratio Lower Upper
166 100
165 104.4 79.9 119.9
167 17.6 12.2 18.2

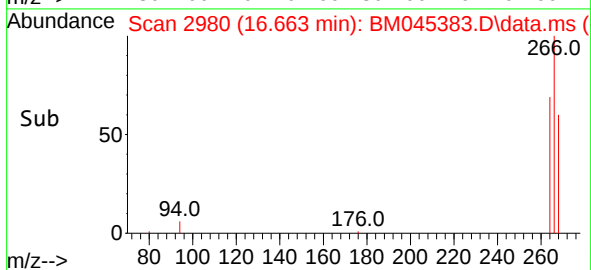
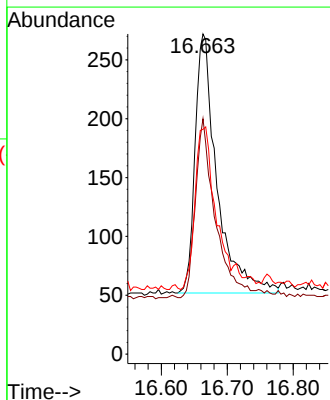
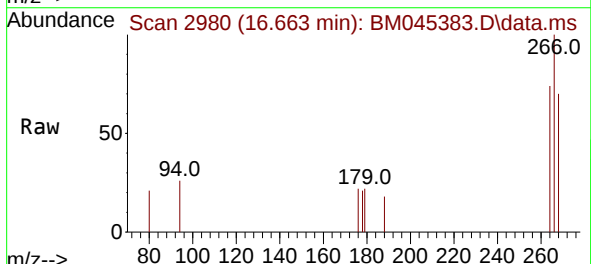
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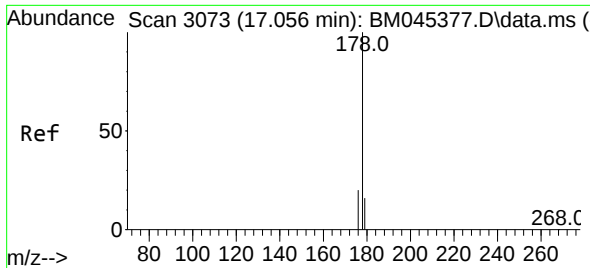
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#14
Pentachlorophenol
Concen: 0.911 ng/ul
RT: 16.663 min Scan# 2980
Delta R.T. -0.025 min
Lab File: BM045383.D
Acq: 19 Apr 2024 08:57

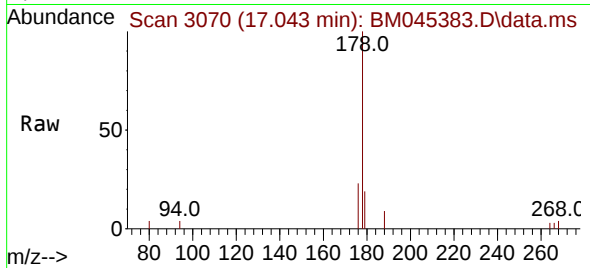
Tgt Ion:266 Resp: 508
Ion Ratio Lower Upper
266 100
264 64.0 48.3 72.5
268 64.0 52.6 79.0





#15
Phenanthrene
Concen: 0.466 ng/ul
RT: 17.043 min Scan# 3070
Delta R.T. -0.017 min
Lab File: BM045383.D
Acq: 19 Apr 2024 08:57

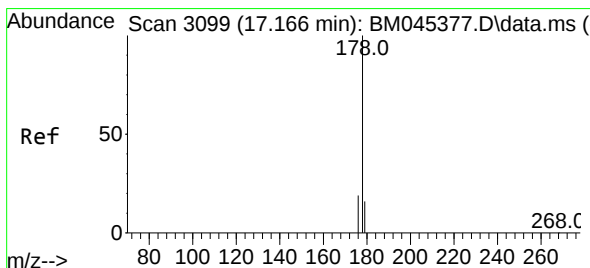
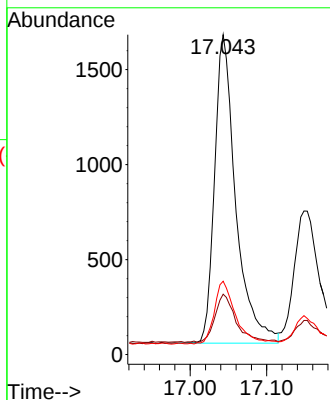
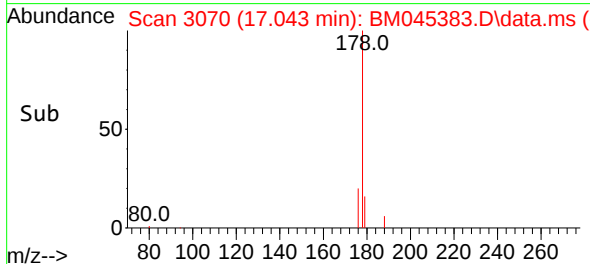
Instrument :
BNA_M
ClientSampleId :
YCSY4MS



Tgt Ion:178 Resp: 312
Ion Ratio Lower Upper
178 100
179 18.9 13.7 20.5
176 22.9 17.0 25.4

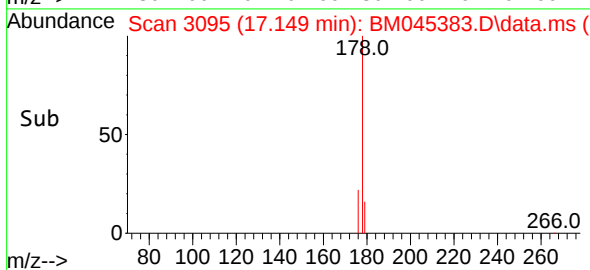
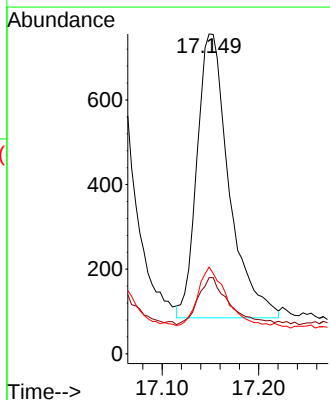
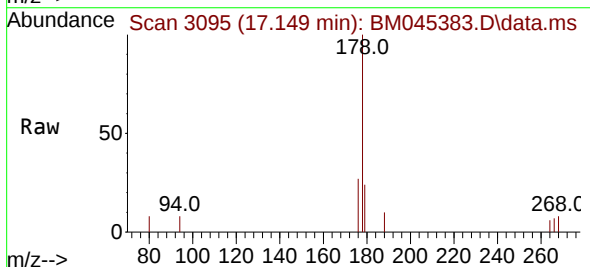
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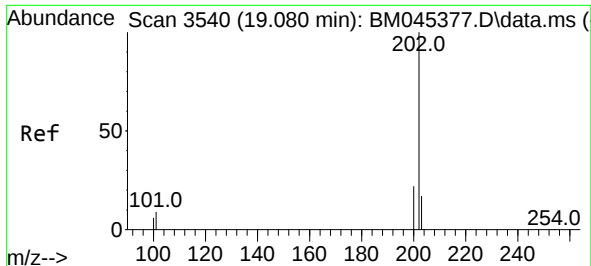
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#16
Anthracene
Concen: 0.235 ng/ul m
RT: 17.149 min Scan# 3095
Delta R.T. -0.021 min
Lab File: BM045383.D
Acq: 19 Apr 2024 08:57

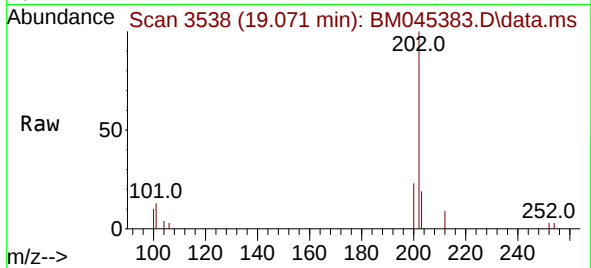
Tgt Ion:178 Resp: 1546
Ion Ratio Lower Upper
178 100
179 23.8 13.8 20.8#
176 27.1 16.2 24.4#





#19
Fluoranthene
Concen: 0.554 ng/u1
RT: 19.071 min Scan# 3538
Delta R.T. -0.014 min
Lab File: BM045383.D
Acq: 19 Apr 2024 08:57

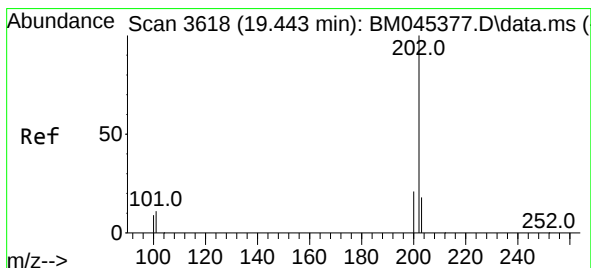
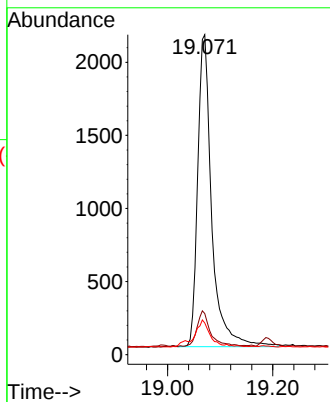
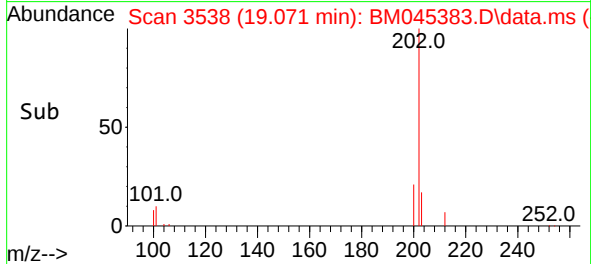
Instrument :
BNA_M
ClientSampleId :
YCSY4MS



Tgt Ion:202 Resp: 394
Ion Ratio Lower Upper
202 100
101 12.8 8.8 13.2
100 9.9 7.0 10.4

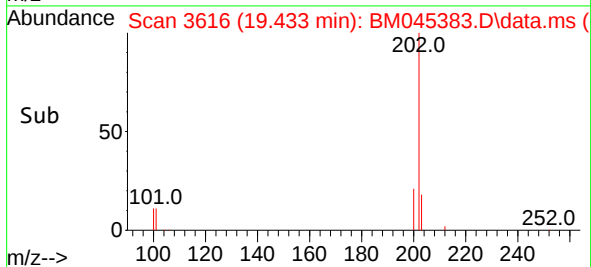
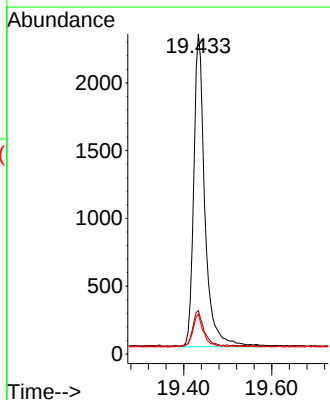
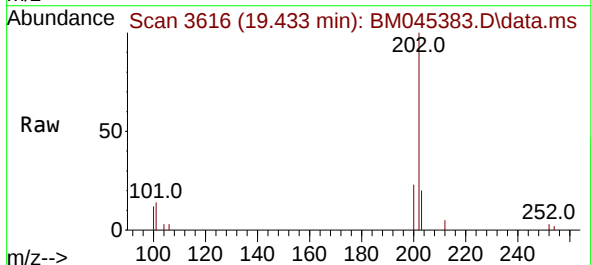
Manual Integrations
APPROVED

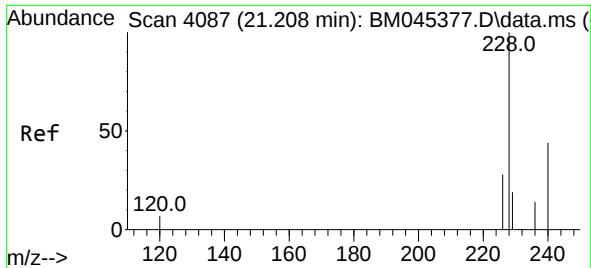
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#20
Pyrene
Concen: 0.544 ng/u1
RT: 19.433 min Scan# 3616
Delta R.T. -0.014 min
Lab File: BM045383.D
Acq: 19 Apr 2024 08:57

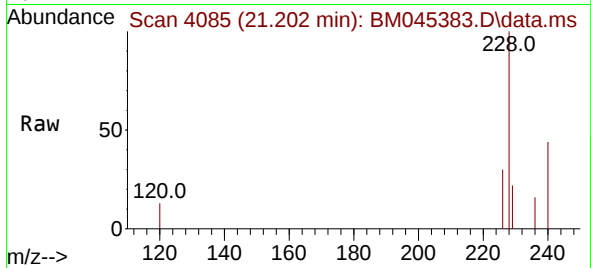
Tgt Ion:202 Resp: 4091
Ion Ratio Lower Upper
202 100
101 13.6 9.8 14.6
100 12.5 8.1 12.1#





#21
Benzo(a)anthracene
Concen: 0.432 ng/u1
RT: 21.202 min Scan# 4085
Delta R.T. -0.009 min
Lab File: BM045383.D
Acq: 19 Apr 2024 08:57

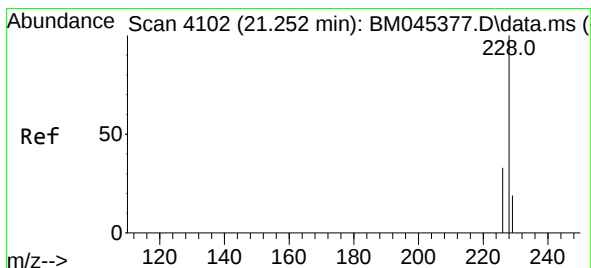
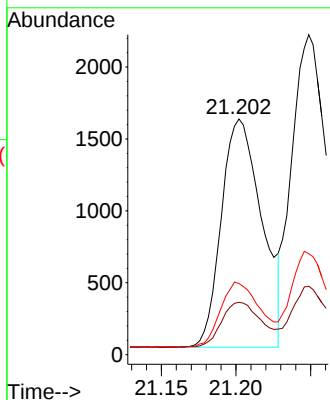
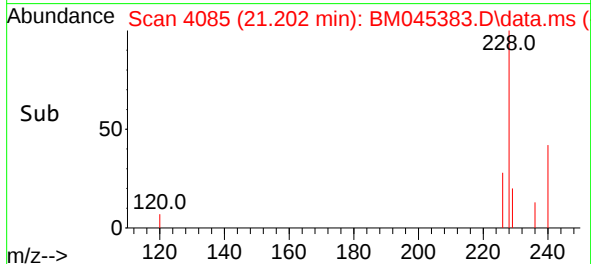
Instrument :
BNA_M
ClientSampleId :
YCSY4MS



Tgt Ion:228 Resp: 299
Ion Ratio Lower Upper
228 100
229 22.2 16.4 24.6
226 30.2 22.3 33.5

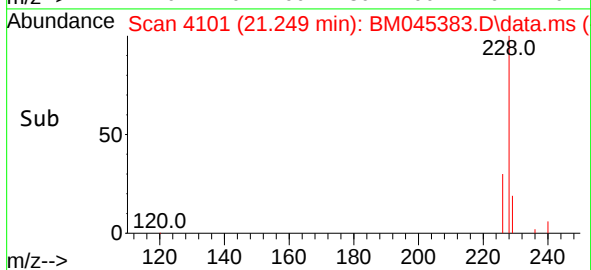
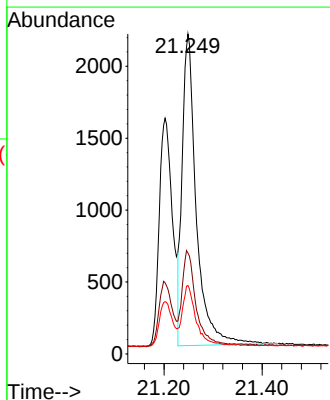
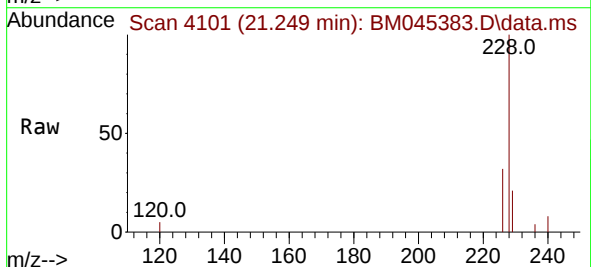
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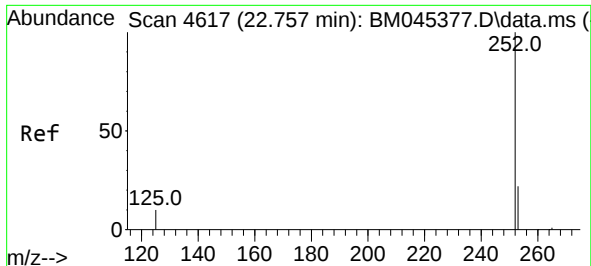
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#22
Chrysene
Concen: 0.499 ng/u1
RT: 21.249 min Scan# 4101
Delta R.T. -0.006 min
Lab File: BM045383.D
Acq: 19 Apr 2024 08:57

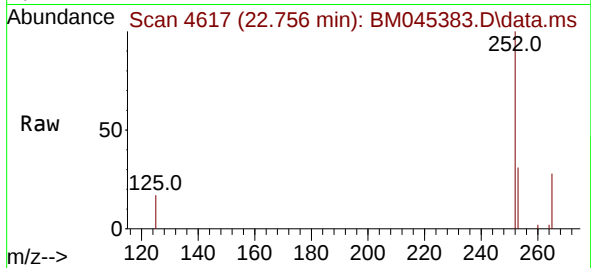
Tgt Ion:228 Resp: 4327
Ion Ratio Lower Upper
228 100
226 31.6 24.9 37.3
229 21.4 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.501 ng/ul
RT: 22.756 min Scan# 4617
Delta R.T. -0.006 min
Lab File: BM045383.D
Acq: 19 Apr 2024 08:57

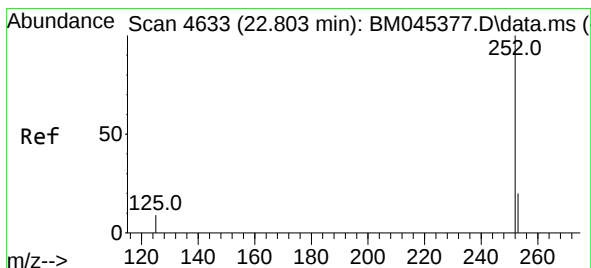
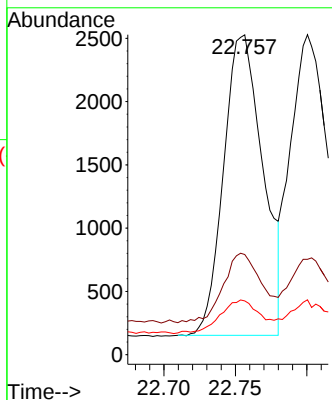
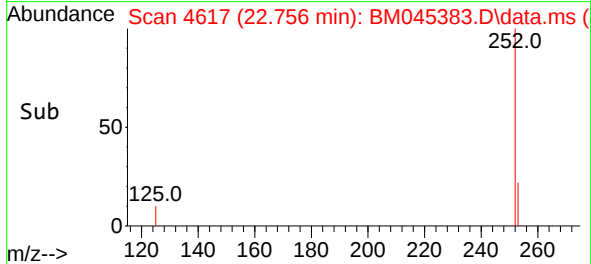
Instrument :
BNA_M
ClientSampleId :
YCSY4MS



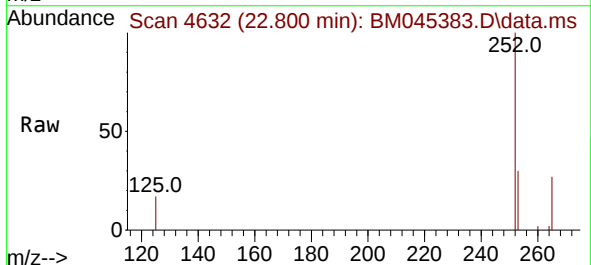
Tgt Ion:252 Resp: 4540
Ion Ratio Lower Upper
252 100
253 31.3 0.0 56.4
125 16.8 0.0 33.4

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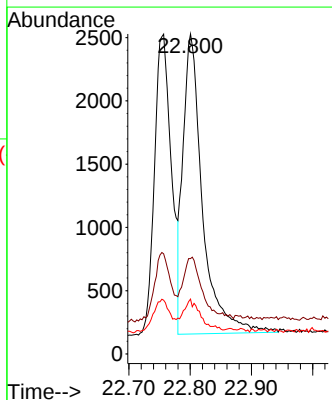
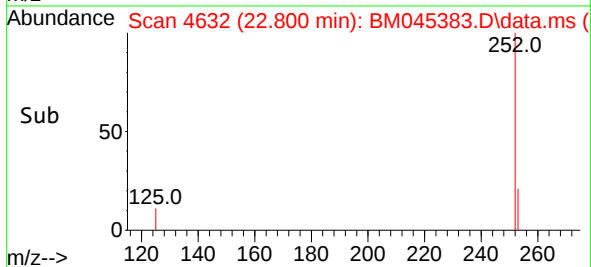
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

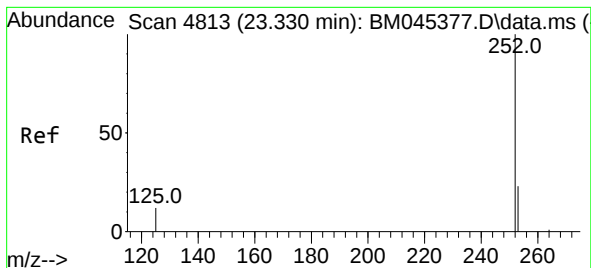


#25
Benzo(k)fluoranthene
Concen: 0.516 ng/ul
RT: 22.800 min Scan# 4632
Delta R.T. -0.006 min
Lab File: BM045383.D
Acq: 19 Apr 2024 08:57



Tgt Ion:252 Resp: 5238
Ion Ratio Lower Upper
252 100
253 29.8 22.3 33.5
125 17.2 11.6 17.4





#26

Benzo(a)pyrene

Concen: 0.221 ng/ul

RT: 23.332 min Scan# 4813

Delta R.T. -0.000 min

Lab File: BM045383.D

Acq: 19 Apr 2024 08:57

Instrument :

BNM

ClientSampleId :

YCSY4MS

Tgt Ion:252 Resp: 1910

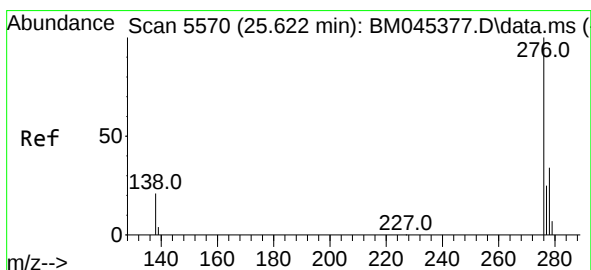
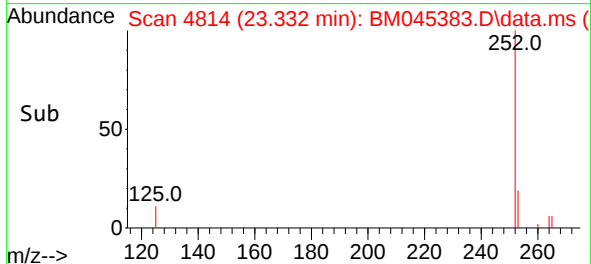
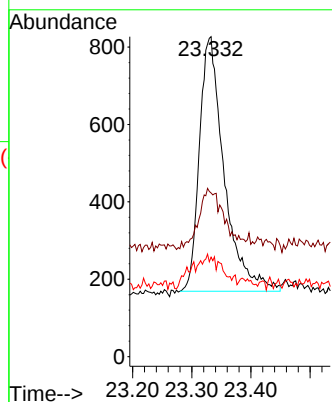
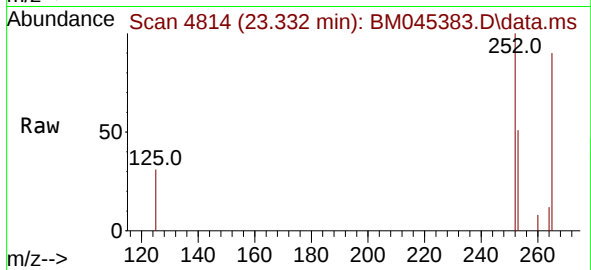
Ion	Ratio	Lower	Upper
252	100		
253	51.1	24.6	37.0
125	31.1	18.2	27.4

Manual Integrations

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Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.561 ng/ul

RT: 25.619 min Scan# 5569

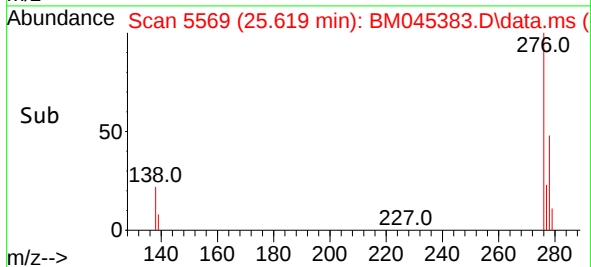
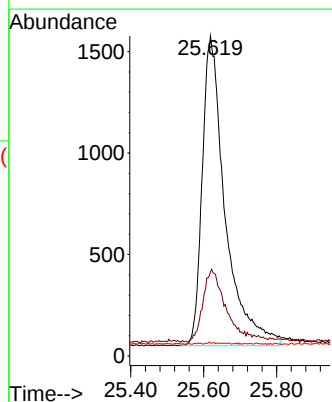
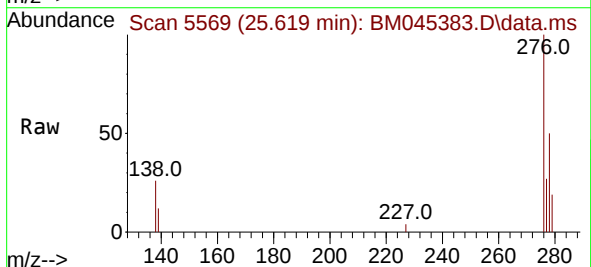
Delta R.T. -0.013 min

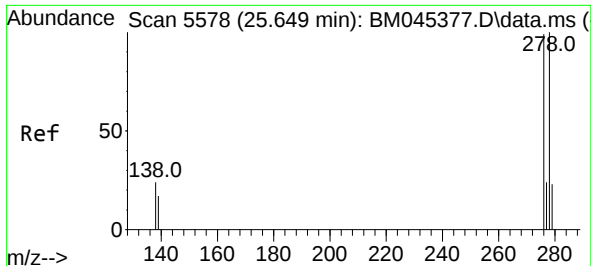
Lab File: BM045383.D

Acq: 19 Apr 2024 08:57

Tgt Ion:276 Resp: 6657

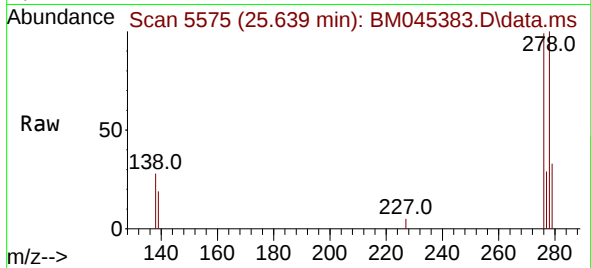
Ion	Ratio	Lower	Upper
276	100		
138	24.0	0.0	0.0
227	0.2	0.1	0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.558 ng/ul
RT: 25.639 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM045383.D
Acq: 19 Apr 2024 08:57

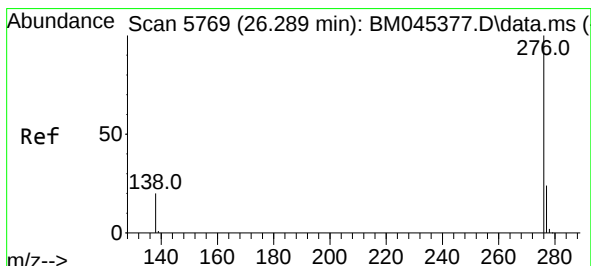
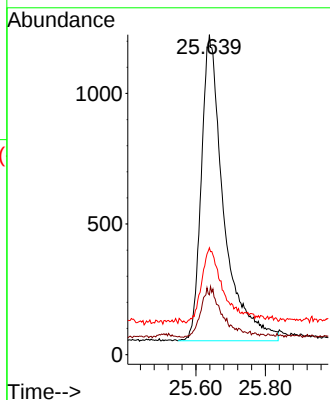
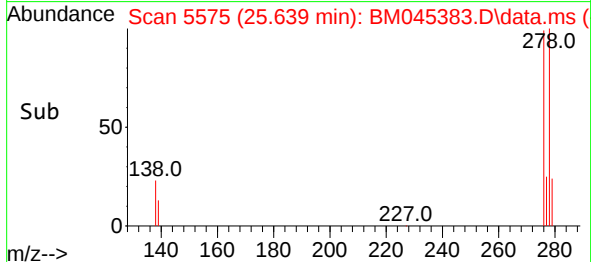
Instrument :
BNA_M
ClientSampleId :
YCSY4MS



Tgt Ion:278 Resp: 5240
Ion Ratio Lower Upper
278 100
139 18.7 13.6 20.4
279 33.4 23.0 34.4

Manual Integrations
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Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#29
Benzo(g,h,i)perylene
Concen: 0.564 ng/ul
RT: 26.283 min Scan# 5767
Delta R.T. -0.020 min
Lab File: BM045383.D
Acq: 19 Apr 2024 08:57

Tgt Ion:276 Resp: 5771
Ion Ratio Lower Upper
276 100
138 23.6 16.8 25.2
277 27.7 20.3 30.5

