

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041824\
 Data File : BM045388.D
 Acq On : 19 Apr 2024 11:59
 Operator : MA/JU
 Sample : PB160278BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS278

Manual Integrations
 APPROVED

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

Quant Time: Apr 19 12:42:46 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	834	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.386	136	2569	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.238	164	1339	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.010	188	2981	0.400	ng/ul	0.00
17) Chrysene-d12	21.216	240	2376	0.400	ng/ul	0.00
23) Perylene-d12	23.416	264	3308	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	674	0.615	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.991	152	1003	0.288	ng/ul	0.00
18) Fluoranthene-d10	19.044	212	2161	0.360	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.209	88	1942	1.849	ng/ul#	81
5) Naphthalene	10.440	128	2156	0.316	ng/ul#	87
7) 2-Methylnaphthalene	12.074	142	1255	0.308	ng/ul	100
8) 1-Methylnaphthalene	12.272	142	1350	0.304	ng/ul	98
10) Acenaphthylene	13.965	152	2138	0.320	ng/ul#	90
11) Acenaphthene	14.303	153	1629	0.341	ng/ul	96
12) Fluorene	15.316	166	1755	0.327	ng/ul#	95
14) Pentachlorophenol	16.677	266	433	0.619	ng/ul	96
15) Phenanthrene	17.048	178	2699	0.322	ng/ul	96
16) Anthracene	17.162	178	2752m	0.333	ng/ul	
19) Fluoranthene	19.076	202	3156	0.372	ng/ul#	95
20) Pyrene	19.443	202	3349	0.374	ng/ul#	96
21) Benzo(a)anthracene	21.207	228	2752	0.333	ng/ul	96
22) Chrysene	21.251	228	3728	0.361	ng/ul	96
24) Benzo(b)fluoranthene	22.756	252	4102	0.343	ng/ul	97
25) Benzo(k)fluoranthene	22.799	252	4777	0.357	ng/ul	95
26) Benzo(a)pyrene	23.326	252	4191	0.367	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.624	276	6402	0.409	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.644	278	5121	0.414	ng/ul	95
29) Benzo(g,h,i)perylene	26.295	276	5574	0.413	ng/ul#	93

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

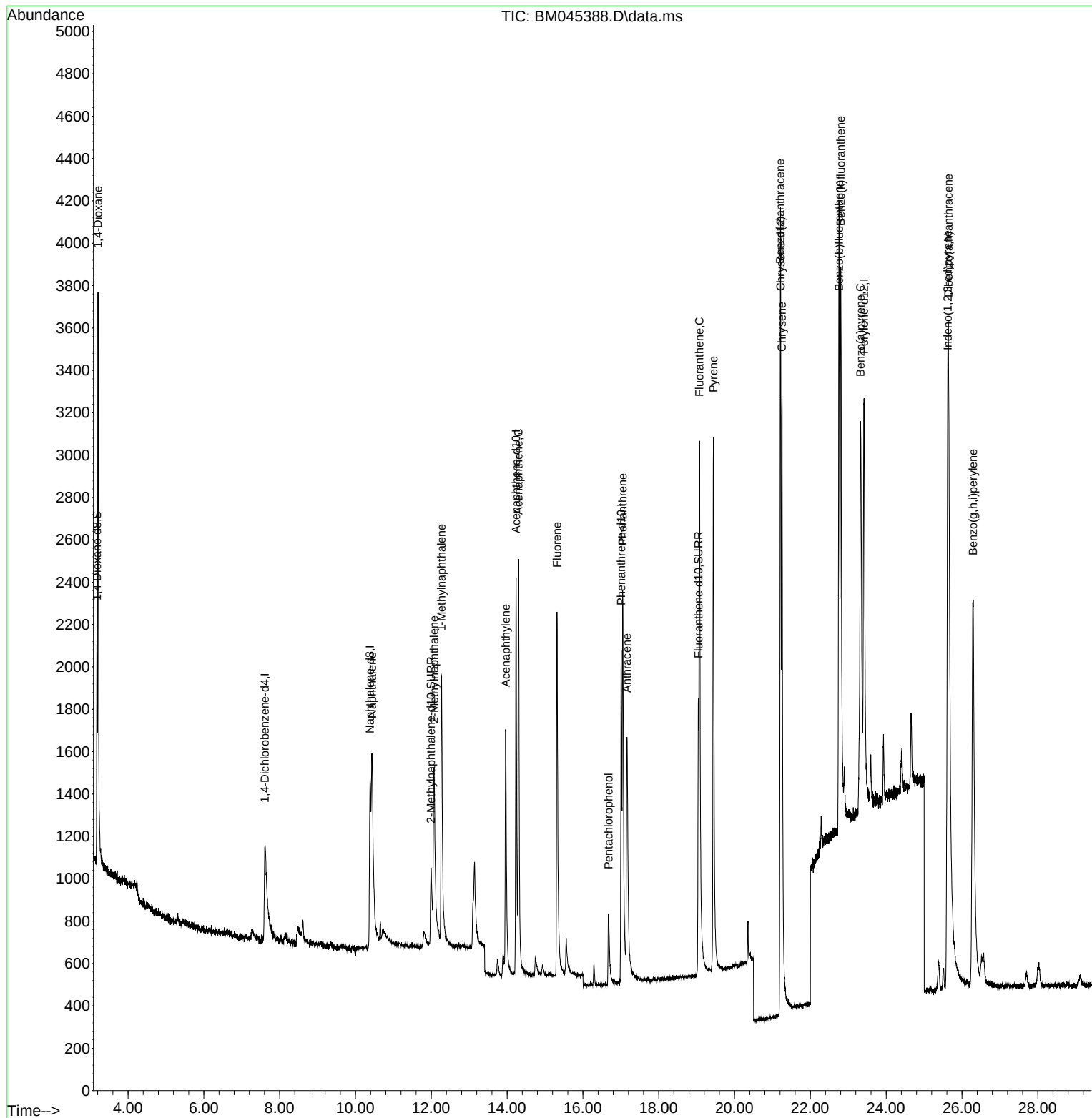
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041824\
Data File : BM045388.D
Acq On : 19 Apr 2024 11:59
Operator : MA/JU
Sample : PB160278BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

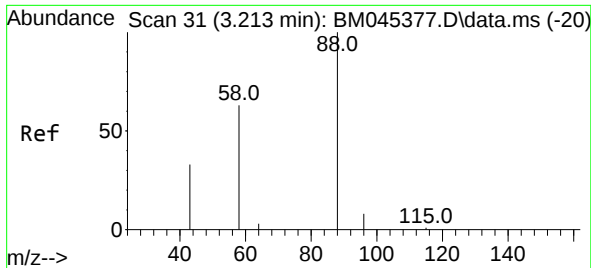
Instrument :
BNA_M
ClientSampleId :
SLCS278

Manual Integrations
APPROVED

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

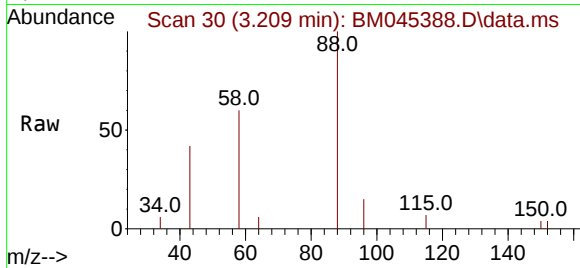
Quant Time: Apr 19 12:42:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 22:19:59 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.849 ng/ul
RT: 3.209 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM045388.D
Acq: 19 Apr 2024 11:59

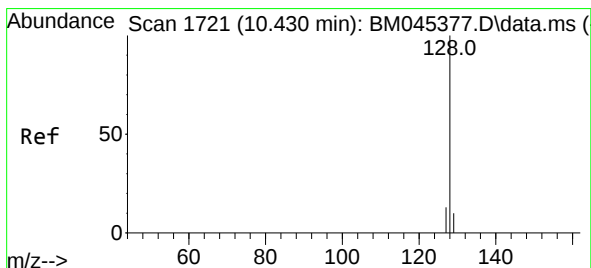
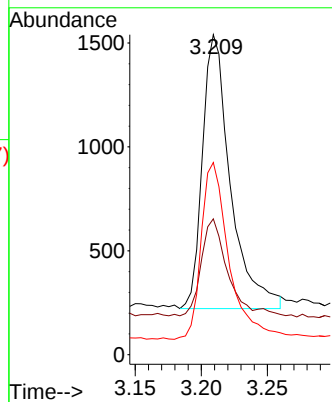
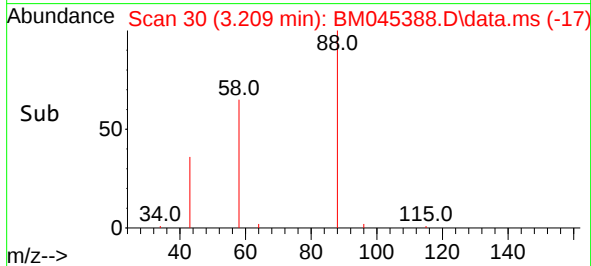
Instrument :
BNA_M
ClientSampleId :
SLCS278



Tgt Ion: 88 Resp: 194
Ion Ratio Lower Upper
88 100
43 42.5 30.6 46.0
58 60.1 32.6 48.8

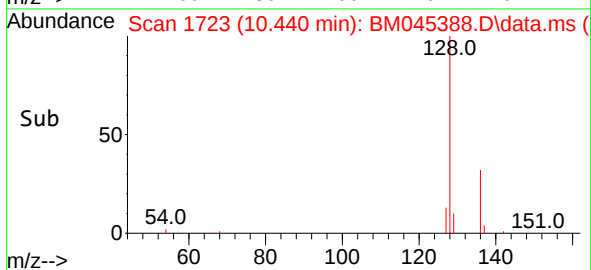
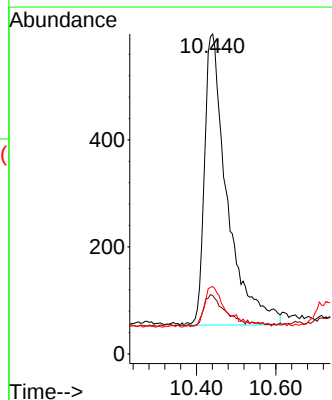
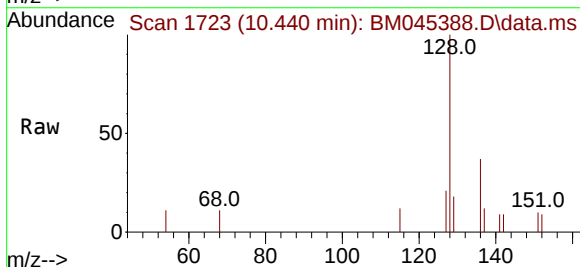
Manual Integrations
APPROVED

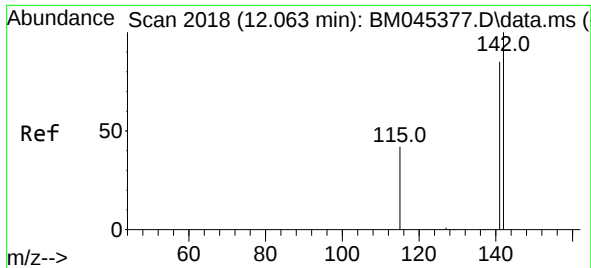
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#5
Naphthalene
Concen: 0.316 ng/ul
RT: 10.440 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BM045388.D
Acq: 19 Apr 2024 11:59

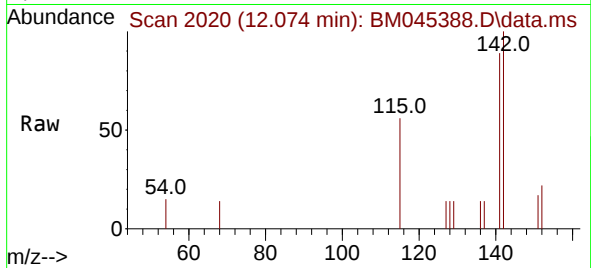
Tgt Ion:128 Resp: 2156
Ion Ratio Lower Upper
128 100
129 18.2 11.3 16.9#
127 21.1 11.9 17.9#





#7
2-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.074 min Scan# 2018
Delta R.T. 0.005 min
Lab File: BM045388.D
Acq: 19 Apr 2024 11:59

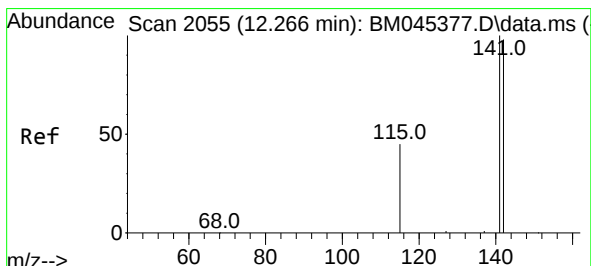
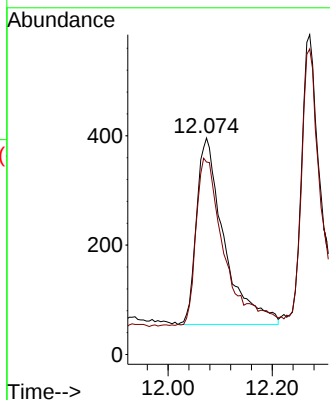
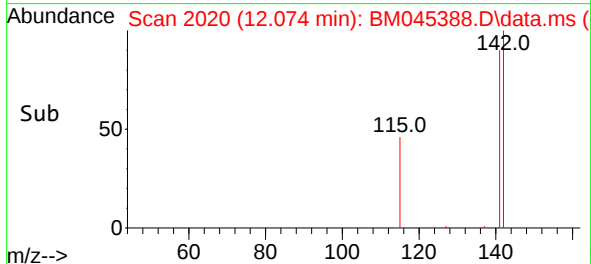
Instrument :
BNA_M
ClientSampleId :
SLCS278



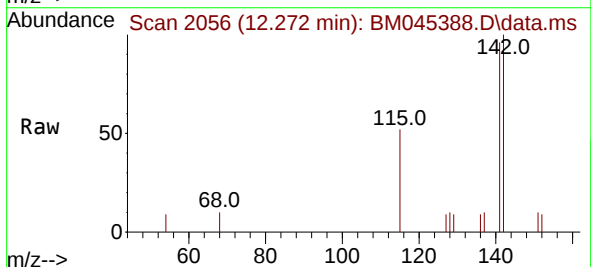
Tgt Ion:142 Resp: 1250
Ion Ratio Lower Upper
142 100
141 92.6 73.8 110.8

Manual Integrations
APPROVED

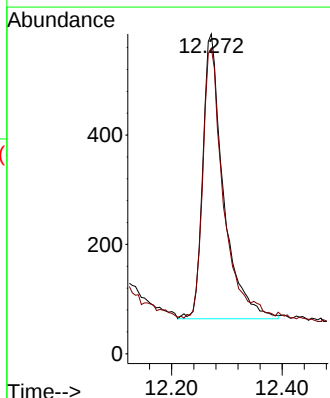
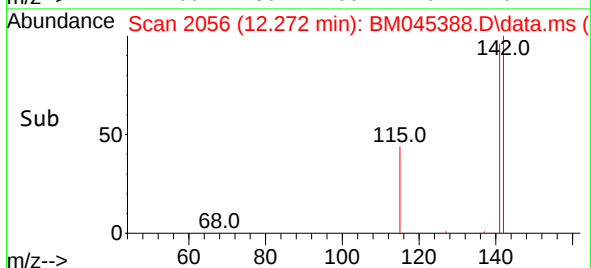
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

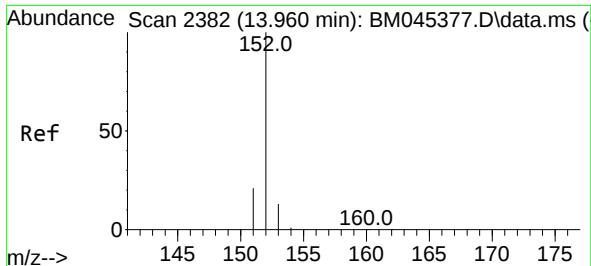


#8
1-Methylnaphthalene
Concen: 0.304 ng/ul
RT: 12.272 min Scan# 2056
Delta R.T. -0.000 min
Lab File: BM045388.D
Acq: 19 Apr 2024 11:59



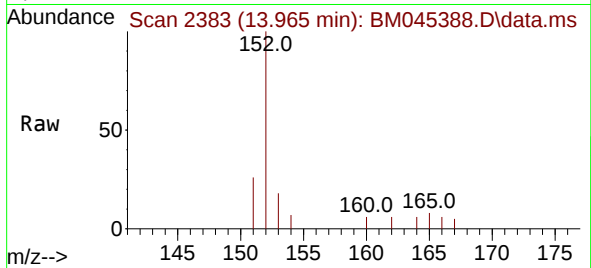
Tgt Ion:142 Resp: 1350
Ion Ratio Lower Upper
142 100
141 94.9 74.2 111.2





#10
Acenaphthylene
Concen: 0.320 ng/u1
RT: 13.965 min Scan# 2138
Delta R.T. 0.001 min
Lab File: BM045388.D
Acq: 19 Apr 2024 11:59

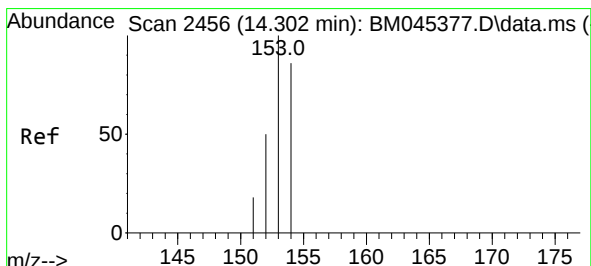
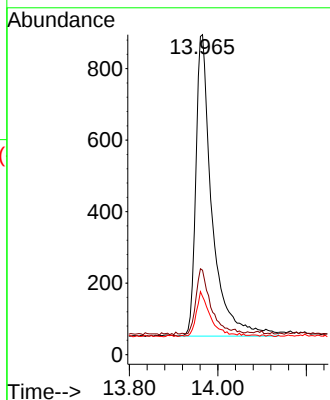
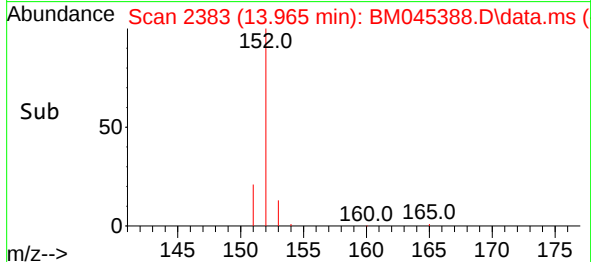
Instrument :
BNA_M
ClientSampleId :
SLCS278



Tgt Ion:152 Resp: 2138
Ion Ratio Lower Upper
152 100
151 26.4 17.0 25.4
153 18.2 11.9 17.9

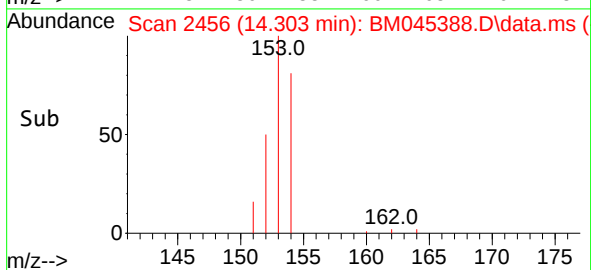
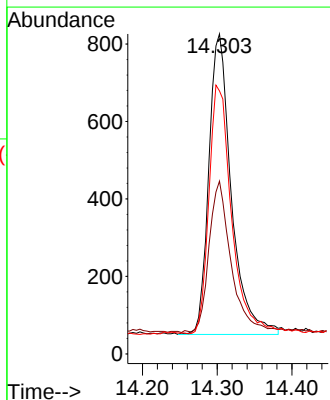
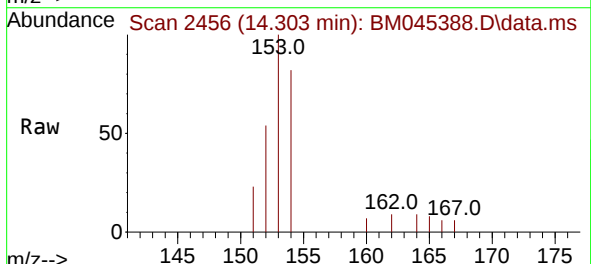
Manual Integrations
APPROVED

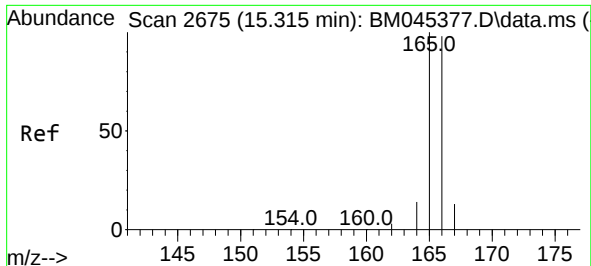
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#11
Acenaphthene
Concen: 0.341 ng/u1
RT: 14.303 min Scan# 2456
Delta R.T. 0.001 min
Lab File: BM045388.D
Acq: 19 Apr 2024 11:59

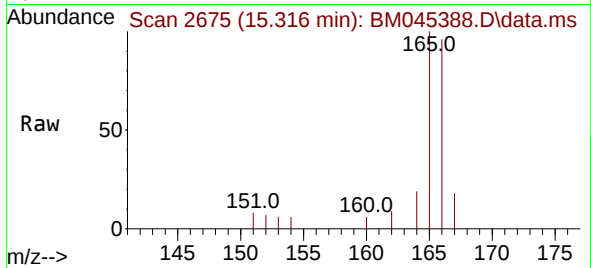
Tgt Ion:153 Resp: 1629
Ion Ratio Lower Upper
153 100
152 54.0 41.2 61.8
154 82.2 69.4 104.0





#12
Fluorene
Concen: 0.327 ng/ul
RT: 15.316 min Scan# 20
Delta R.T. -0.008 min
Lab File: BM045388.D
Acq: 19 Apr 2024 11:59

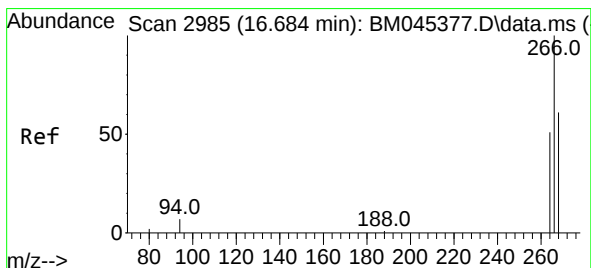
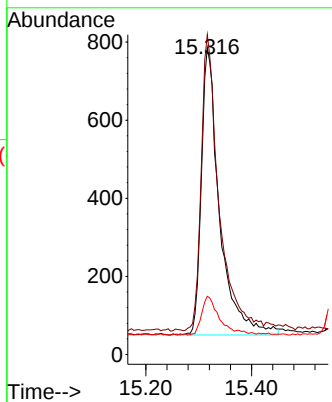
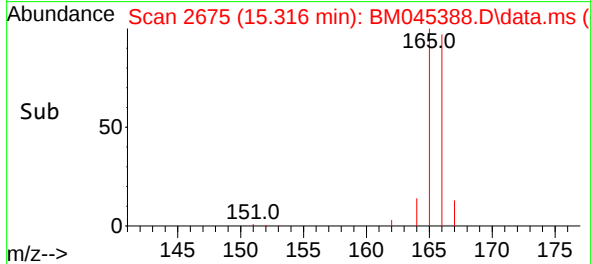
Instrument :
BNA_M
ClientSampleId :
SLCS278



Tgt Ion:166 Resp: 175
Ion Ratio Lower Upper
166 100
165 104.2 79.9 119.9
167 19.0 12.2 18.2

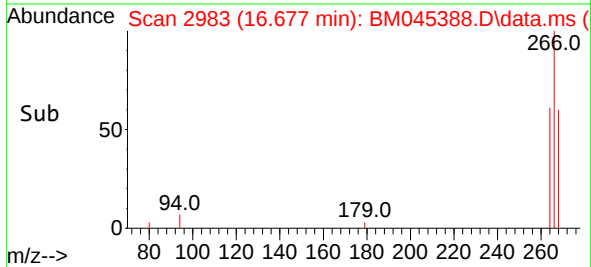
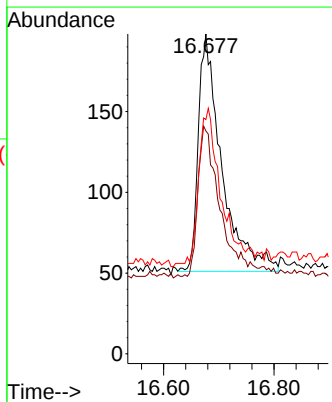
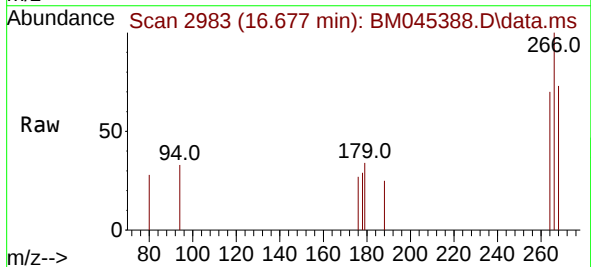
Manual Integrations
APPROVED

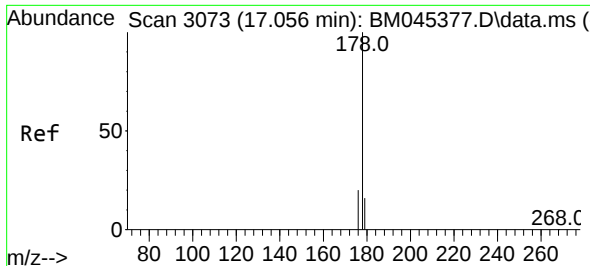
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#14
Pentachlorophenol
Concen: 0.619 ng/ul
RT: 16.677 min Scan# 2983
Delta R.T. -0.012 min
Lab File: BM045388.D
Acq: 19 Apr 2024 11:59

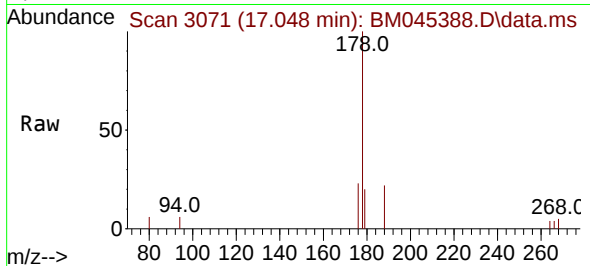
Tgt Ion:266 Resp: 433
Ion Ratio Lower Upper
266 100
264 61.7 48.3 72.5
268 61.7 52.6 79.0





#15
Phenanthrene
Concen: 0.322 ng/ul
RT: 17.048 min Scan# 3073
Delta R.T. -0.012 min
Lab File: BM045388.D
Acq: 19 Apr 2024 11:59

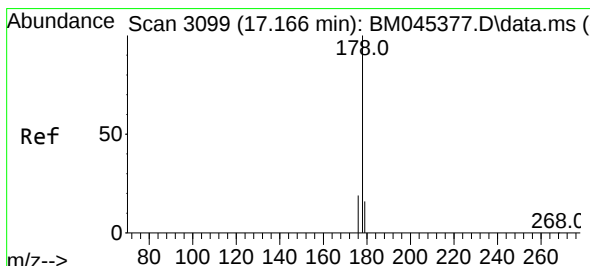
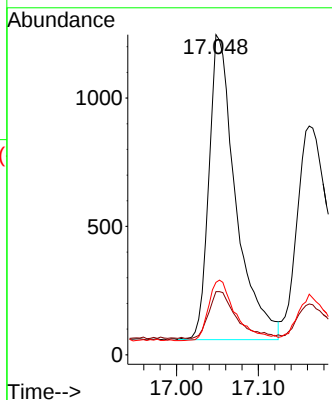
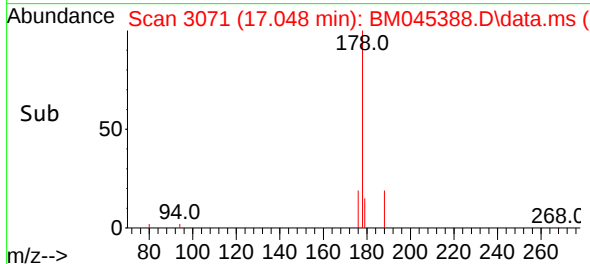
Instrument :
BNA_M
ClientSampleId :
SLCS278



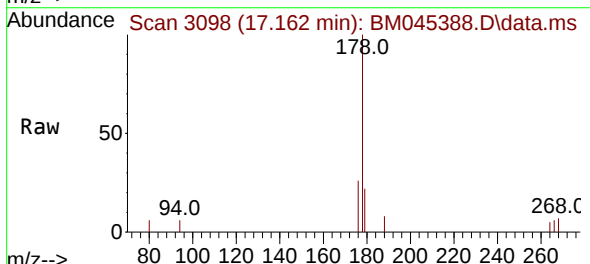
Tgt Ion:178 Resp: 2699
Ion Ratio Lower Upper
178 100
179 19.7 13.7 20.5
176 22.6 17.0 25.4

Manual Integrations
APPROVED

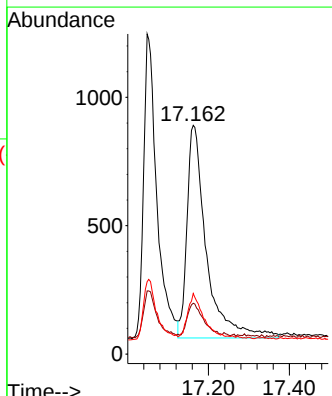
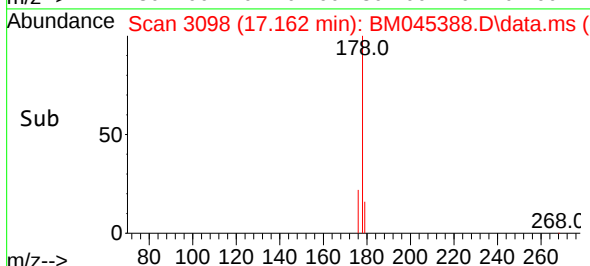
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

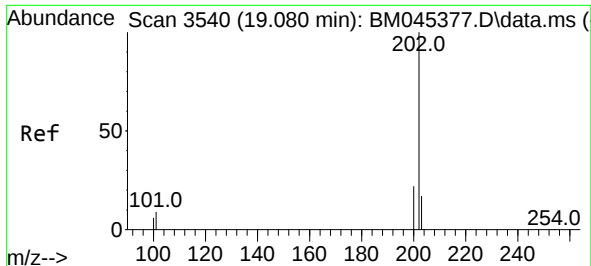


#16
Anthracene
Concen: 0.333 ng/ul m
RT: 17.162 min Scan# 3098
Delta R.T. -0.008 min
Lab File: BM045388.D
Acq: 19 Apr 2024 11:59



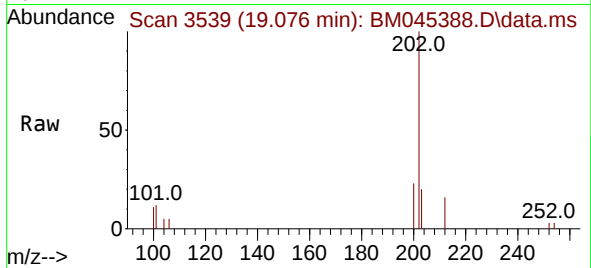
Tgt Ion:178 Resp: 2752
Ion Ratio Lower Upper
178 100
179 22.2 13.8 20.8#
176 26.5 16.2 24.4#





#19
Fluoranthene
Concen: 0.372 ng/u1
RT: 19.076 min Scan# 3539
Delta R.T. -0.009 min
Lab File: BM045388.D
Acq: 19 Apr 2024 11:59

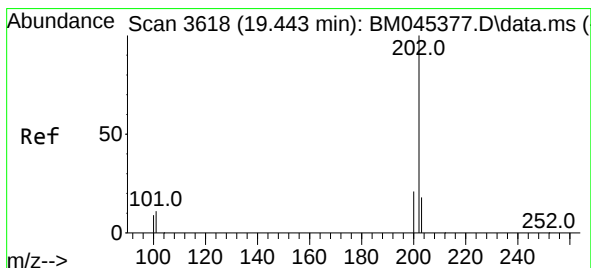
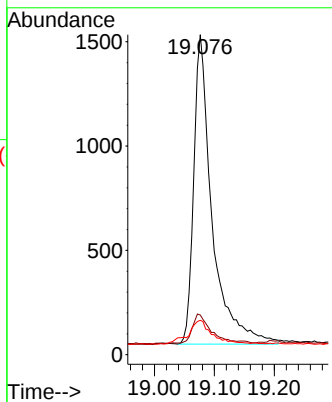
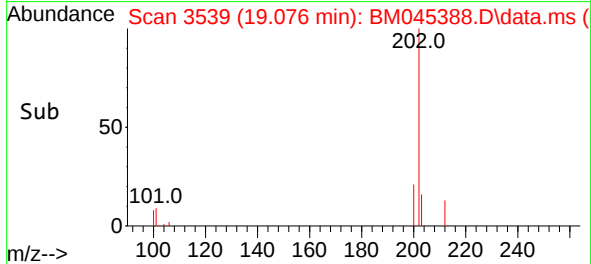
Instrument :
BNA_M
ClientSampleId :
SLCS278



Tgt Ion:202 Resp: 3150
Ion Ratio Lower Upper
202 100
101 12.4 8.8 13.2
100 10.8 7.0 10.4

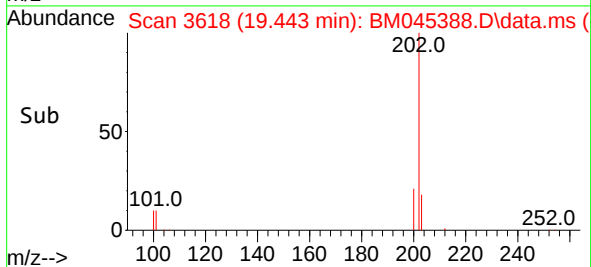
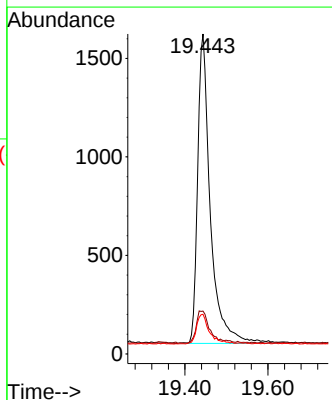
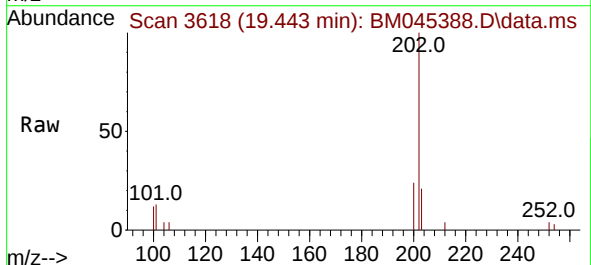
Manual Integrations
APPROVED

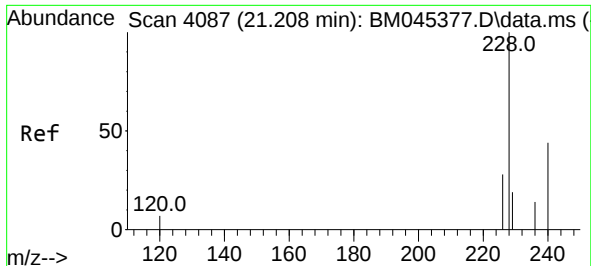
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#20
Pyrene
Concen: 0.374 ng/u1
RT: 19.443 min Scan# 3618
Delta R.T. -0.004 min
Lab File: BM045388.D
Acq: 19 Apr 2024 11:59

Tgt Ion:202 Resp: 3349
Ion Ratio Lower Upper
202 100
101 13.4 9.8 14.6
100 12.4 8.1 12.1





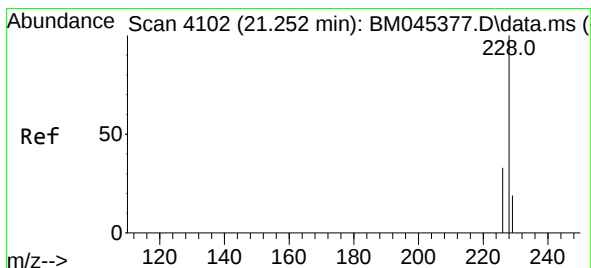
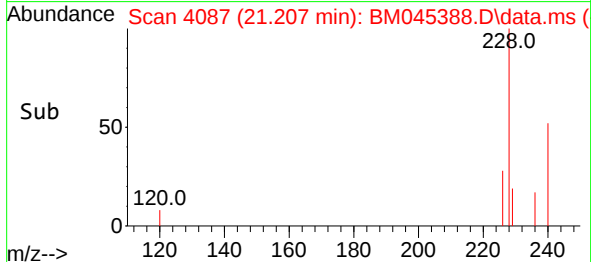
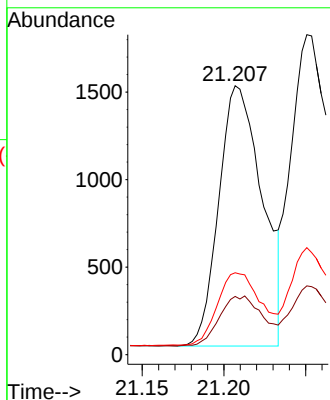
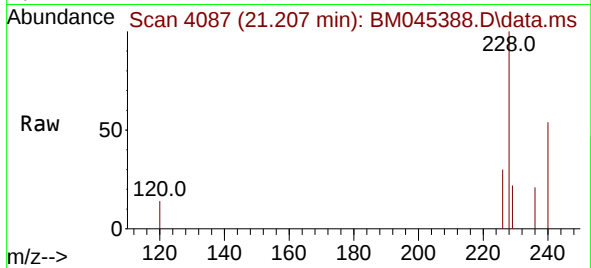
#21
Benzo(a)anthracene
Concen: 0.333 ng/u1
RT: 21.207 min Scan# 4087
Delta R.T. -0.004 min
Lab File: BM045388.D
Acq: 19 Apr 2024 11:59

Instrument :
BNA_M
ClientSampleId :
SLCS278

Tgt Ion:228 Resp: 2752
Ion Ratio Lower Upper
228 100
229 21.7 16.4 24.6
226 30.5 22.3 33.5

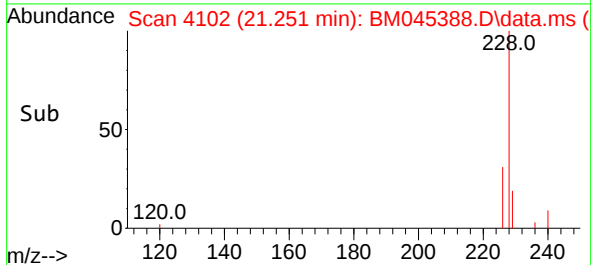
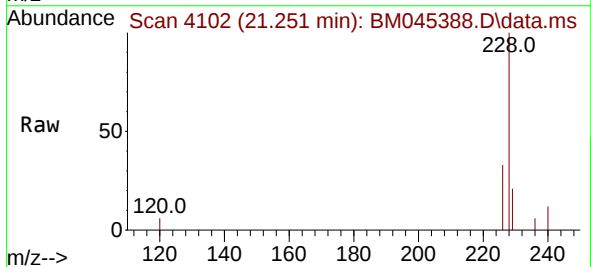
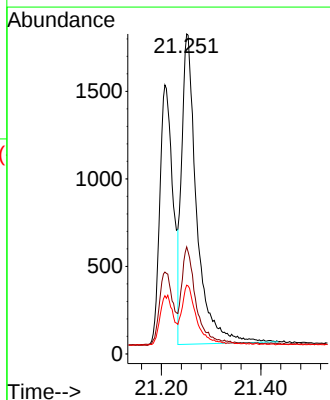
Manual Integrations
APPROVED

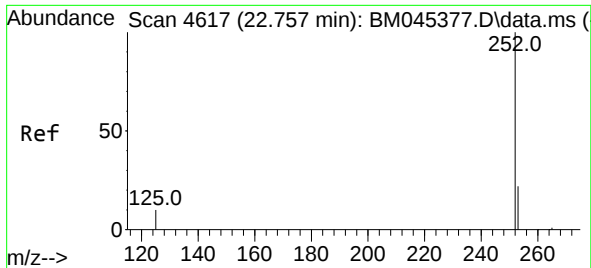
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#22
Chrysene
Concen: 0.361 ng/u1
RT: 21.251 min Scan# 4102
Delta R.T. -0.004 min
Lab File: BM045388.D
Acq: 19 Apr 2024 11:59

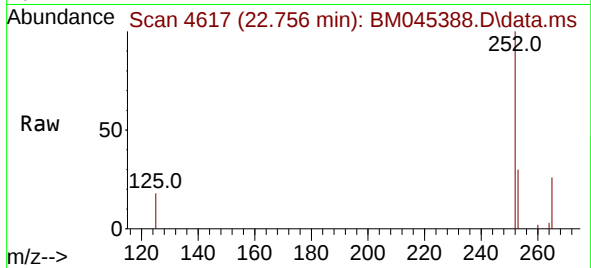
Tgt Ion:228 Resp: 3728
Ion Ratio Lower Upper
228 100
226 33.4 24.9 37.3
229 21.5 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.343 ng/ul
RT: 22.756 min Scan# 4617
Delta R.T. -0.007 min
Lab File: BM045388.D
Acq: 19 Apr 2024 11:59

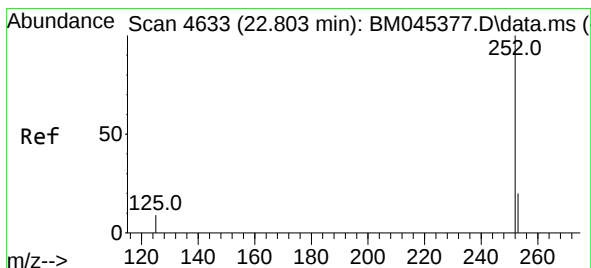
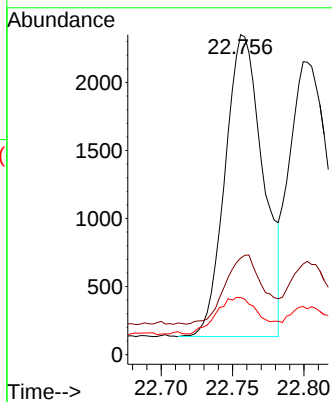
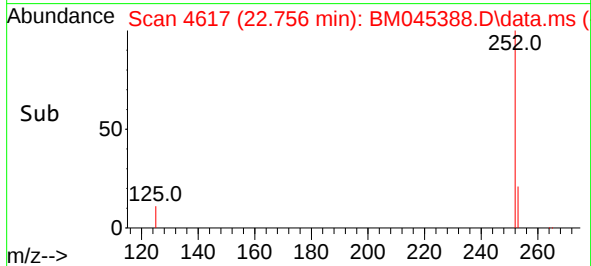
Instrument :
BNA_M
ClientSampleId :
SLCS278



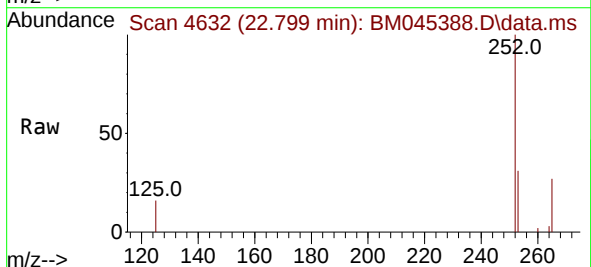
Tgt Ion:252 Resp: 4102
Ion Ratio Lower Upper
252 100
253 30.1 0.0 56.4
125 17.8 0.0 33.4

Manual Integrations
APPROVED

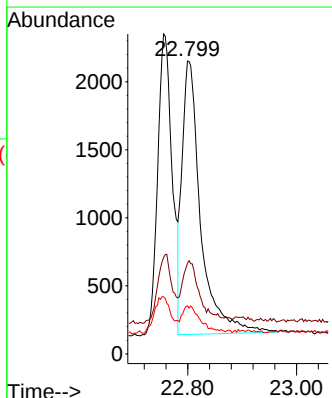
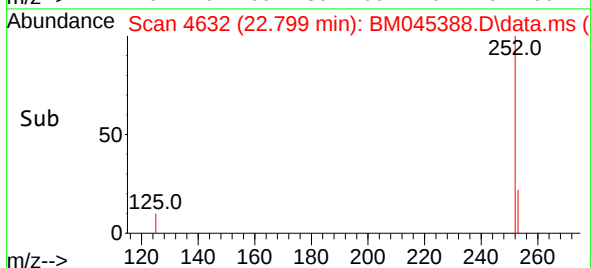
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

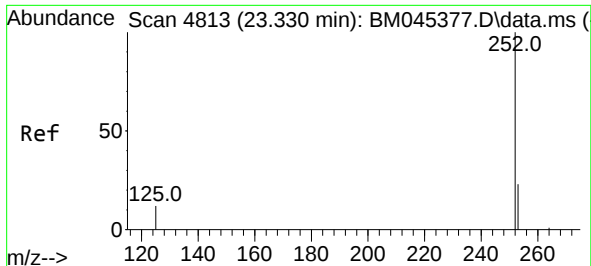


#25
Benzo(k)fluoranthene
Concen: 0.357 ng/ul
RT: 22.799 min Scan# 4632
Delta R.T. -0.007 min
Lab File: BM045388.D
Acq: 19 Apr 2024 11:59



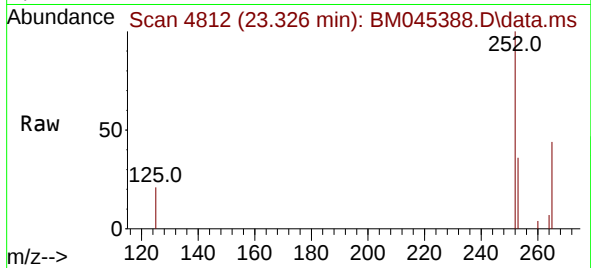
Tgt Ion:252 Resp: 4777
Ion Ratio Lower Upper
252 100
253 30.9 22.3 33.5
125 16.4 11.6 17.4





#26
Benzo(a)pyrene
Concen: 0.367 ng/ul
RT: 23.326 min Scan# 4813
Delta R.T. -0.007 min
Lab File: BM045388.D
Acq: 19 Apr 2024 11:59

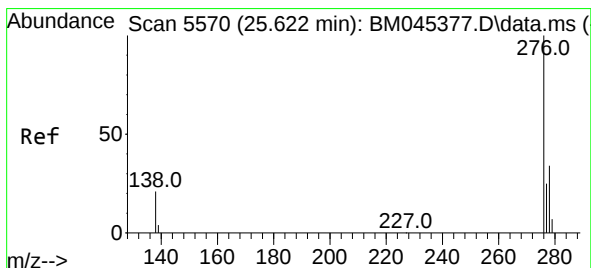
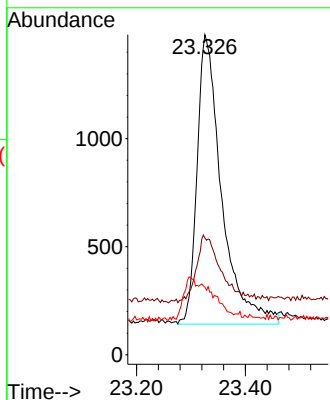
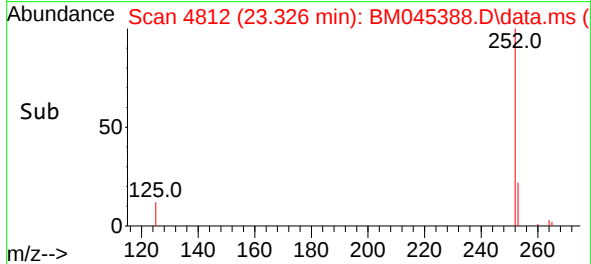
Instrument :
BNA_M
ClientSampleId :
SLCS278



Tgt Ion:252 Resp: 419
Ion Ratio Lower Upper
252 100
253 36.5 24.6 37.0
125 21.1 18.2 27.4

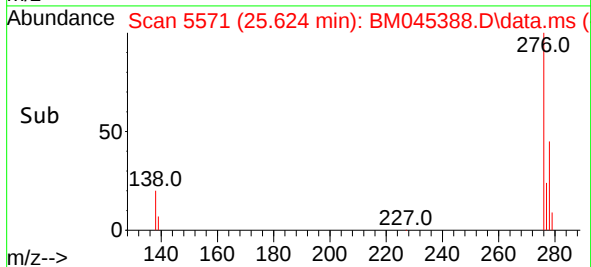
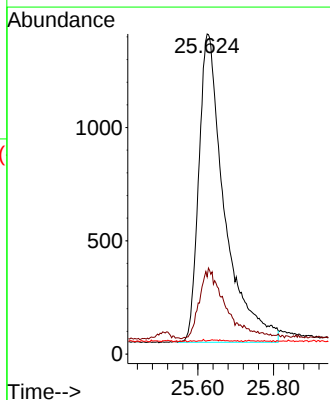
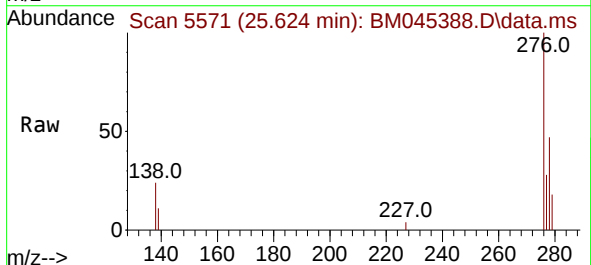
Manual Integrations
APPROVED

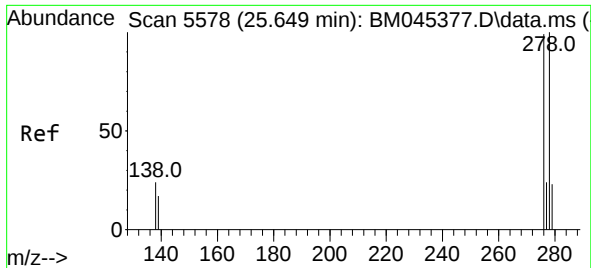
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.409 ng/ul
RT: 25.624 min Scan# 5571
Delta R.T. -0.008 min
Lab File: BM045388.D
Acq: 19 Apr 2024 11:59

Tgt Ion:276 Resp: 6402
Ion Ratio Lower Upper
276 100
138 23.6 0.0 0.0#
227 0.1 0.1 0.1





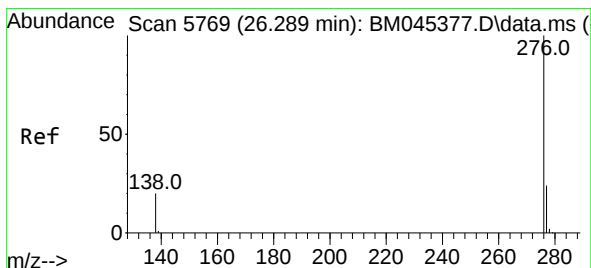
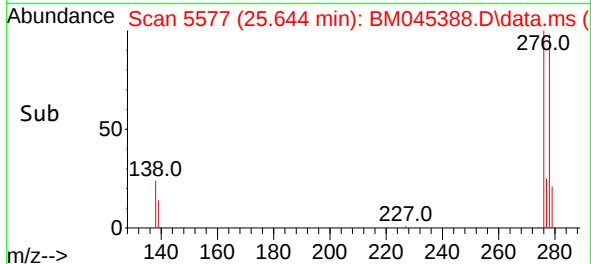
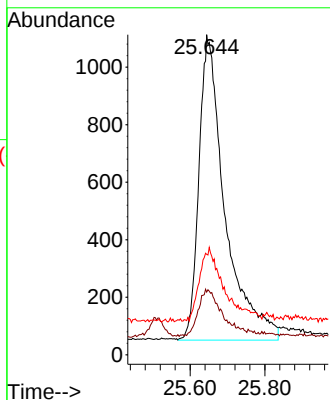
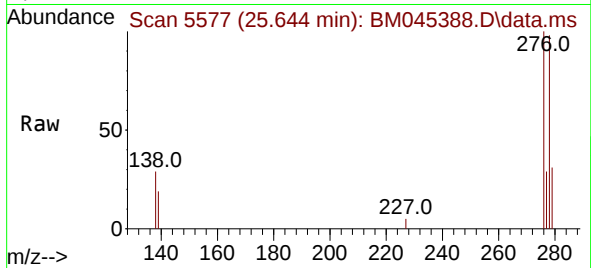
#28
Dibenzo(a,h)anthracene
Concen: 0.414 ng/ul
RT: 25.644 min Scan# 512
Delta R.T. -0.014 min
Lab File: BM045388.D
Acq: 19 Apr 2024 11:59

Instrument :
BNA_M
ClientSampleId :
SLCS278

Tgt Ion:278 Resp: 512
Ion Ratio Lower Upper
278 100
139 19.6 13.6 20.4
279 31.4 23.0 34.4

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.413 ng/ul
RT: 26.295 min Scan# 5771
Delta R.T. -0.008 min
Lab File: BM045388.D
Acq: 19 Apr 2024 11:59

Tgt Ion:276 Resp: 5574
Ion Ratio Lower Upper
276 100
138 25.7 16.8 25.2#
277 27.4 20.3 30.5

