

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046404.D
 Acq On : 06 Jul 2024 05:26
 Operator : MA/JU
 Sample : P3010-03MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CG2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 06 05:55:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.535	152	10250	0.400	ng/ul	0.00
4) Naphthalene-d8	10.298	136	29769	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.183	164	17715	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.934	188	29060	0.400	ng/ul	0.00
17) Chrysene-d12	21.140	240	11398	0.400	ng/ul	# 0.00
23) Perylene-d12	23.299	264	15241	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	2296	0.217	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.899	152	9581	0.218	ng/ul	0.00
18) Fluoranthene-d10	18.969	212	12922	0.324	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.164	88	6338	0.529	ng/ul	98
5) Naphthalene	10.348	128	71064	0.899	ng/ul	99
7) 2-Methylnaphthalene	11.976	142	38083	0.713	ng/ul	99
8) 1-Methylnaphthalene	12.196	142	30832	0.560	ng/ul	99
10) Acenaphthylene	13.896	152	149261	1.660	ng/ul	99
11) Acenaphthene	14.243	153	64598	1.102	ng/ul	97
12) Fluorene	15.238	166	71872	1.039	ng/ul	99
14) Pentachlorophenol	16.584	266	6280	0.741	ng/ul	99
15) Phenanthrene	16.972	178	1036565	11.911	ng/ul	99
16) Anthracene	17.065	178	268431	3.180	ng/ul	99
19) Fluoranthene	19.002	202	1518422	26.355	ng/ul	98
20) Pyrene	19.364	202	1083540	18.278	ng/ul#	95
21) Benzo(a)anthracene	21.125	228	587090	11.528	ng/ul	93
22) Chrysene	21.175	228	598808	11.826	ng/ul	96
24) Benzo(b)fluoranthene	22.665	252	773570m	11.939	ng/ul	
25) Benzo(k)fluoranthene	22.703	252	292754m	4.476	ng/ul	
26) Benzo(a)pyrene	23.209	252	299596	5.850	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.453	276	316889	4.580	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.470	278	108727	2.031	ng/ul	93
29) Benzo(g,h,i)perylene	26.104	276	49360	0.895	ng/ul#	86

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

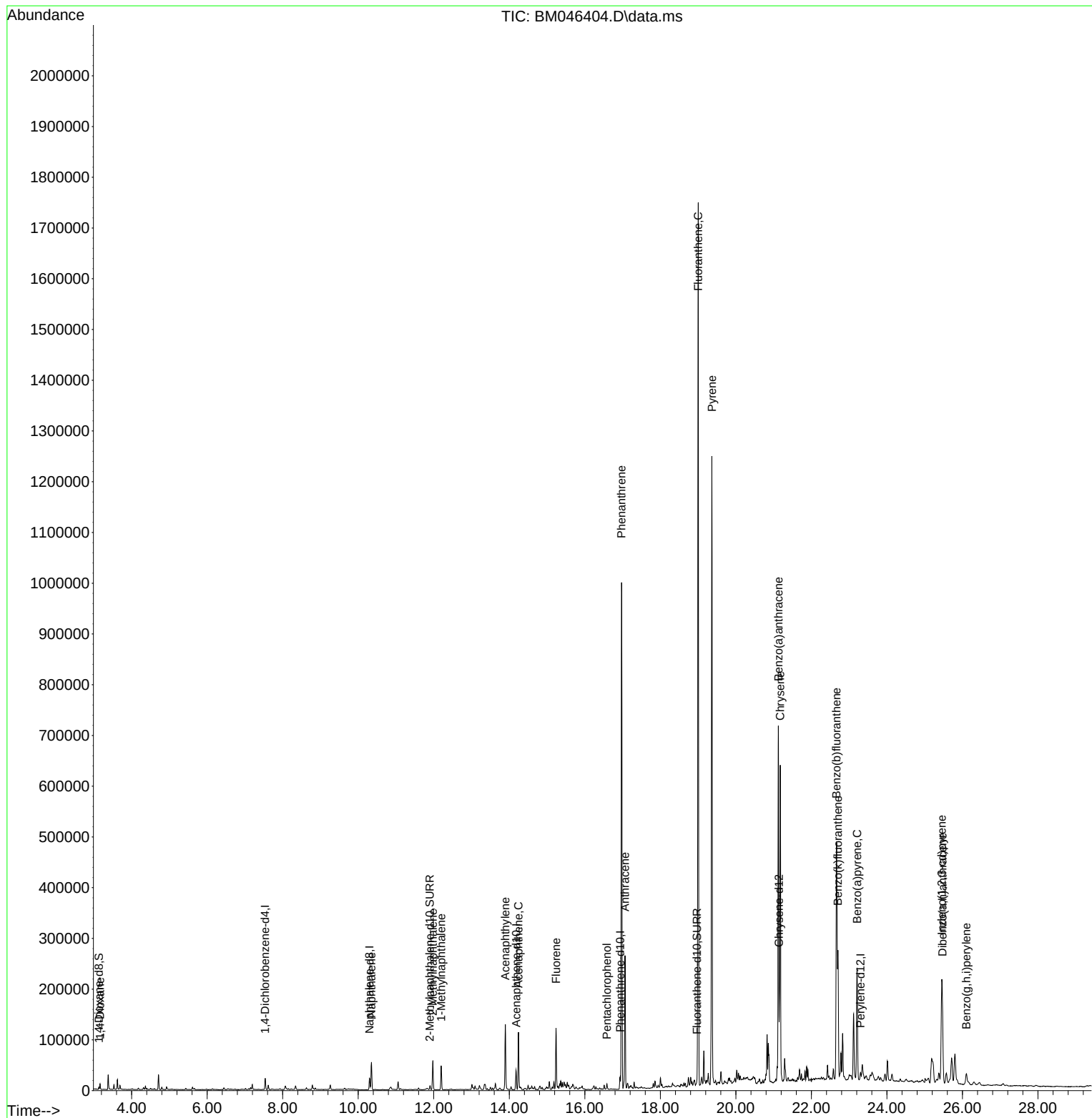
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046404.D
Acq On : 06 Jul 2024 05:26
Operator : MA/JU
Sample : P3010-03MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

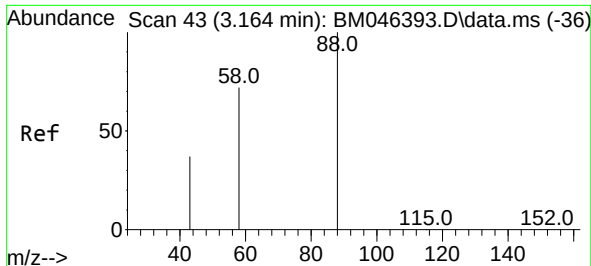
Instrument :
BNA_M
ClientSampleId :
A4CG2MSD

Quant Time: Jul 06 05:55:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

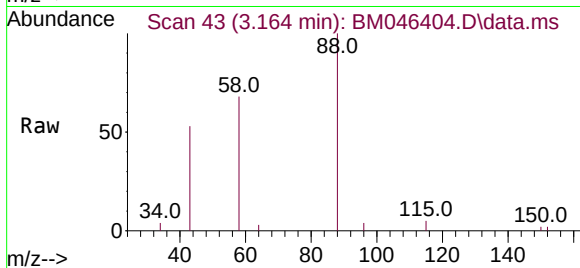
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024





#2
1,4-Dioxane
Concen: 0.529 ng/ul
RT: 3.164 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM046404.D
Acq: 06 Jul 2024 05:26

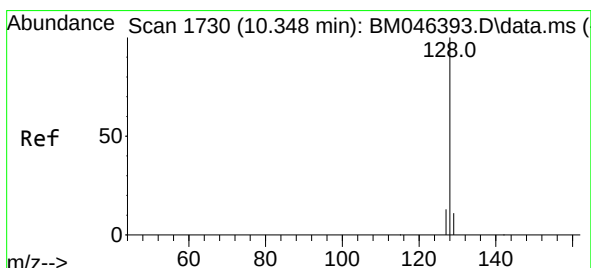
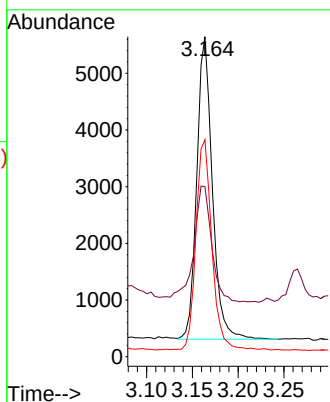
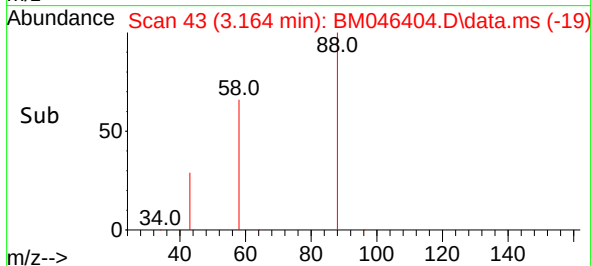
Instrument :
BNA_M
ClientSampleId :
A4CG2MSD



Tgt Ion: 88 Resp: 6338
Ion Ratio Lower Upper
88 100
43 53.2 41.9 62.9
58 67.8 56.5 84.7

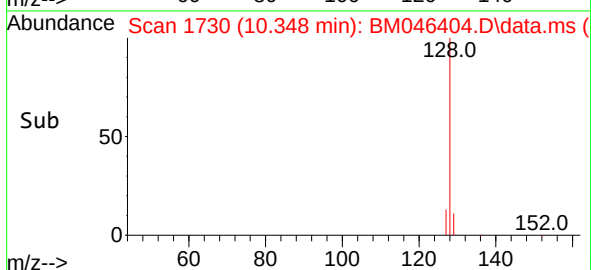
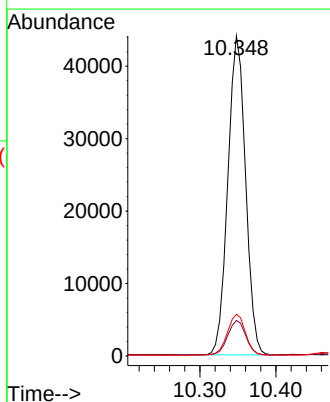
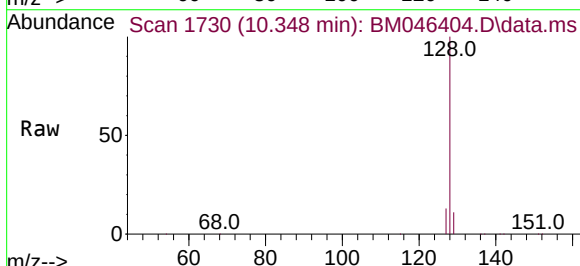
Manual Integrations
APPROVED

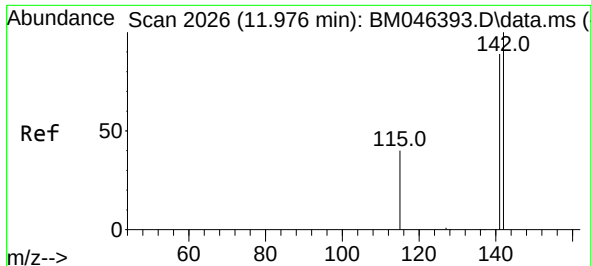
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#5
Naphthalene
Concen: 0.899 ng/ul
RT: 10.348 min Scan# 1730
Delta R.T. -0.004 min
Lab File: BM046404.D
Acq: 06 Jul 2024 05:26

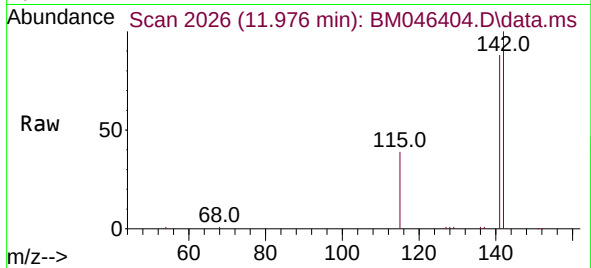
Tgt Ion:128 Resp: 71064
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.0
127 13.0 10.8 16.2





#7
2-Methylnaphthalene
Concen: 0.713 ng/ul
RT: 11.976 min Scan# 2026
Delta R.T. -0.004 min
Lab File: BM046404.D
Acq: 06 Jul 2024 05:26

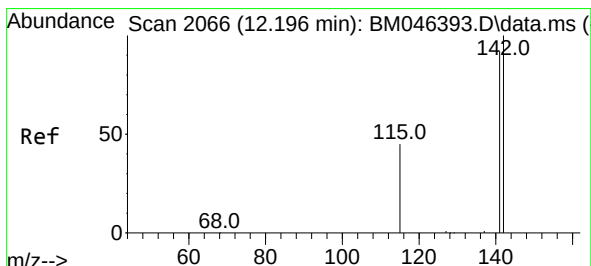
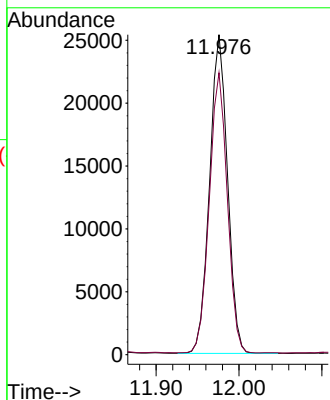
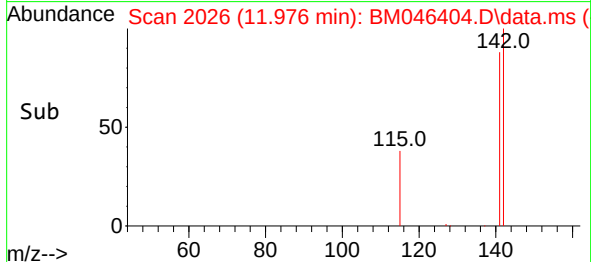
Instrument :
BNA_M
ClientSampleId :
A4CG2MSD



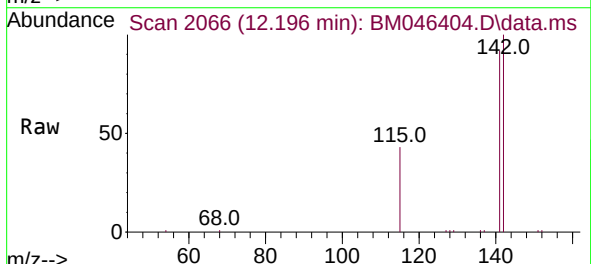
Tgt Ion:142 Resp: 3808
Ion Ratio Lower Upper
142 100
141 88.4 69.8 104.6

Manual Integrations
APPROVED

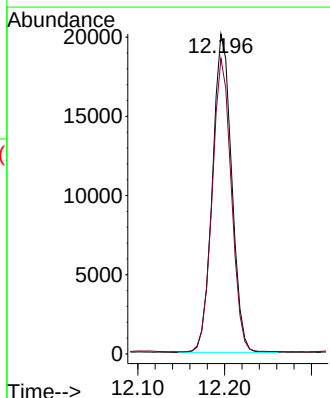
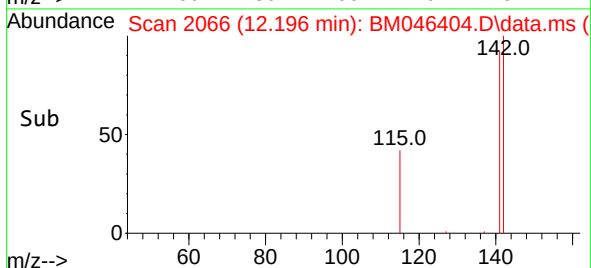
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

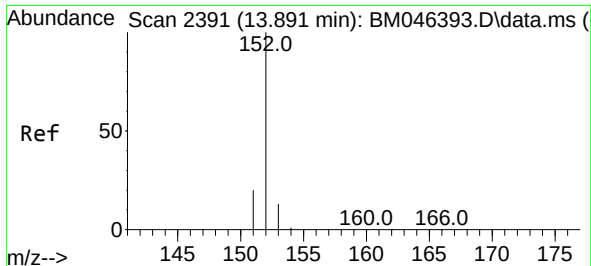


#8
1-Methylnaphthalene
Concen: 0.560 ng/ul
RT: 12.196 min Scan# 2066
Delta R.T. -0.004 min
Lab File: BM046404.D
Acq: 06 Jul 2024 05:26



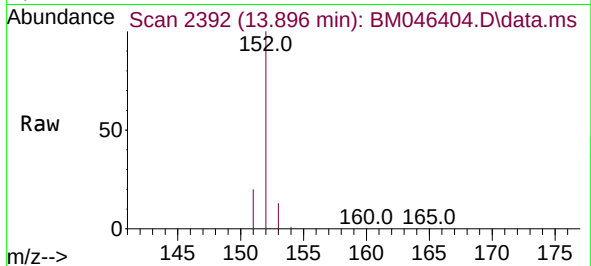
Tgt Ion:142 Resp: 30832
Ion Ratio Lower Upper
142 100
141 91.7 72.4 108.6





#10
Acenaphthylene
Concen: 1.660 ng/ul
RT: 13.896 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM046404.D
Acq: 06 Jul 2024 05:26

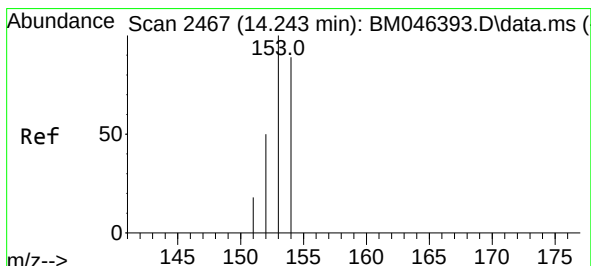
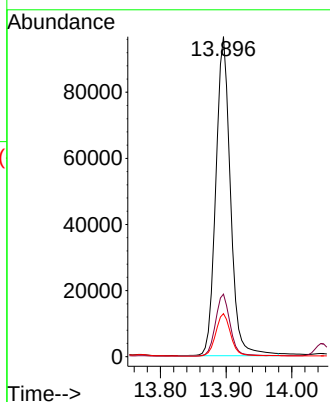
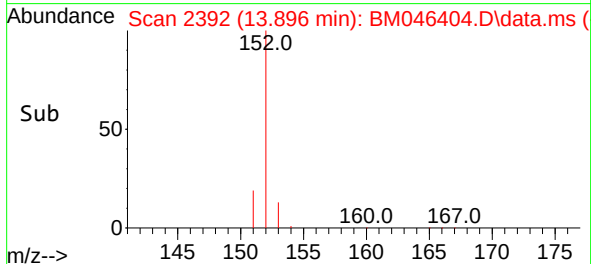
Instrument :
BNA_M
ClientSampleId :
A4CG2MSD



Tgt Ion:152 Resp: 14926
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 13.5 11.0 16.6

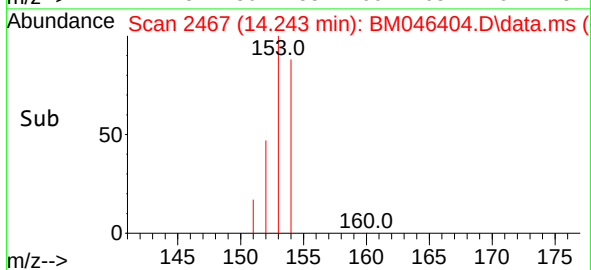
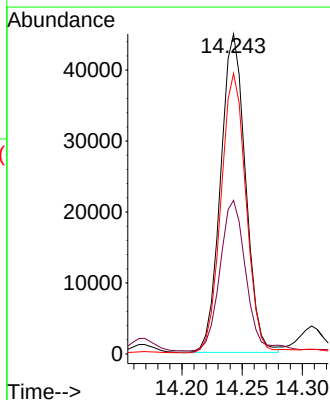
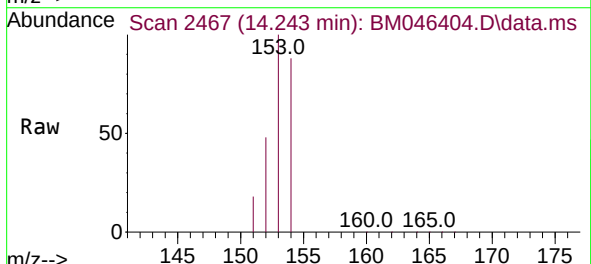
Manual Integrations
APPROVED

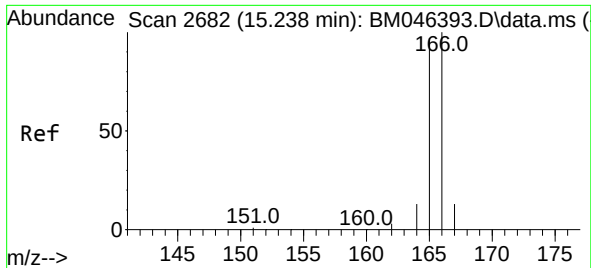
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#11
Acenaphthene
Concen: 1.102 ng/ul
RT: 14.243 min Scan# 2467
Delta R.T. -0.003 min
Lab File: BM046404.D
Acq: 06 Jul 2024 05:26

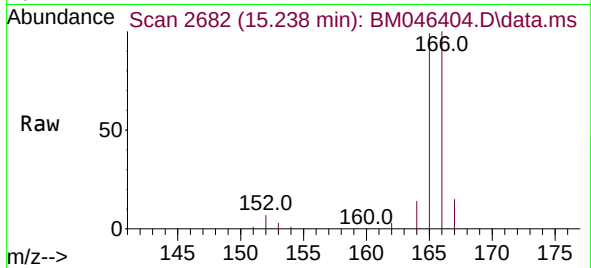
Tgt Ion:153 Resp: 64598
Ion Ratio Lower Upper
153 100
152 48.0 40.4 60.6
154 87.7 72.1 108.1





#12
Fluorene
Concen: 1.039 ng/ul
RT: 15.238 min Scan# 2682
Delta R.T. -0.003 min
Lab File: BM046404.D
Acq: 06 Jul 2024 05:26

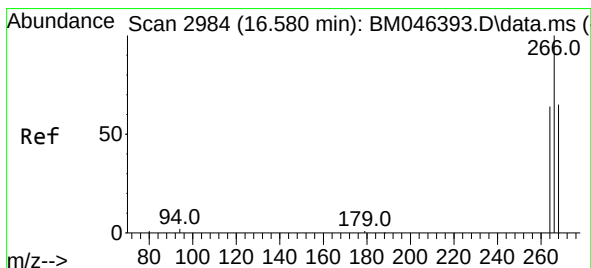
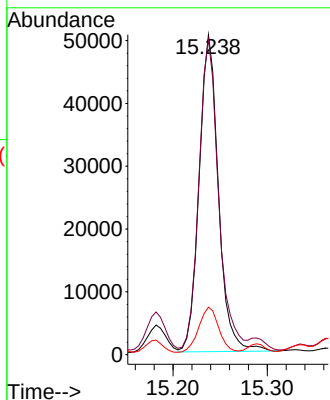
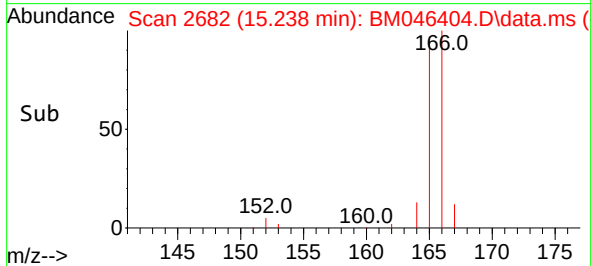
Instrument :
BNA_M
ClientSampleId :
A4CG2MSD



Tgt Ion:166 Resp: 71872
Ion Ratio Lower Upper
166 100
165 98.6 78.0 117.0
167 14.8 11.4 17.0

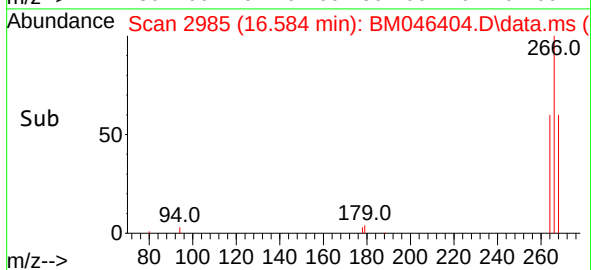
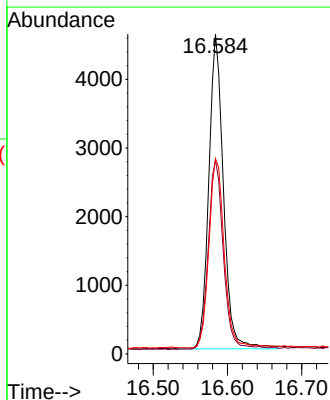
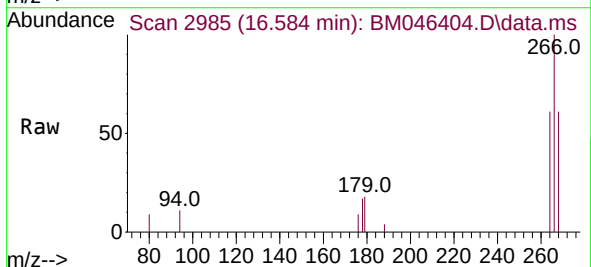
Manual Integrations
APPROVED

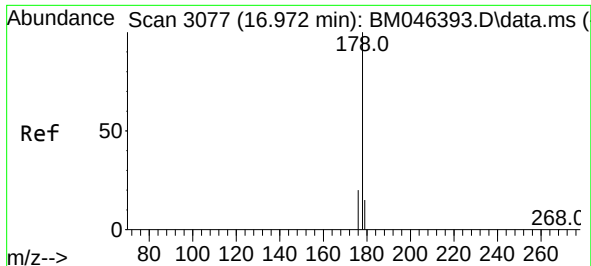
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#14
Pentachlorophenol
Concen: 0.741 ng/ul
RT: 16.584 min Scan# 2985
Delta R.T. -0.003 min
Lab File: BM046404.D
Acq: 06 Jul 2024 05:26

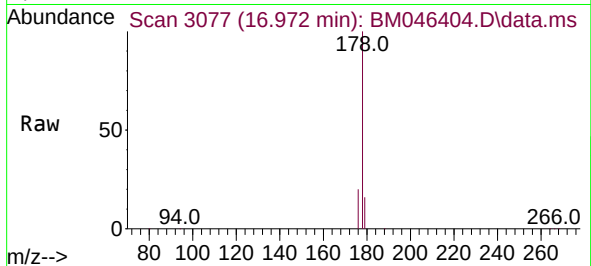
Tgt Ion:266 Resp: 6280
Ion Ratio Lower Upper
266 100
264 63.1 51.0 76.6
268 63.3 50.8 76.2





#15
Phenanthrene
Concen: 11.911 ng/ul
RT: 16.972 min Scan# 3077
Delta R.T. -0.003 min
Lab File: BM046404.D
Acq: 06 Jul 2024 05:26

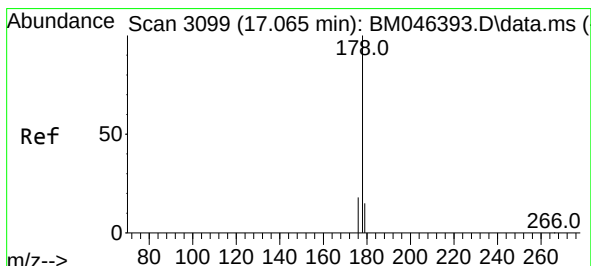
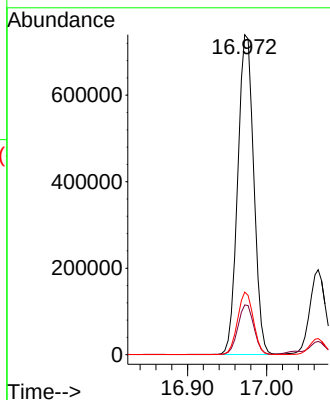
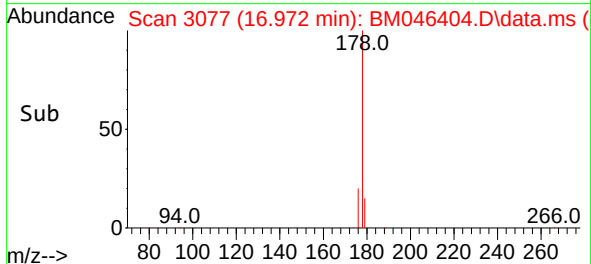
Instrument :
BNA_M
ClientSampleId :
A4CG2MSD



Tgt Ion:178 Resp: 103656
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 19.6 16.0 24.0

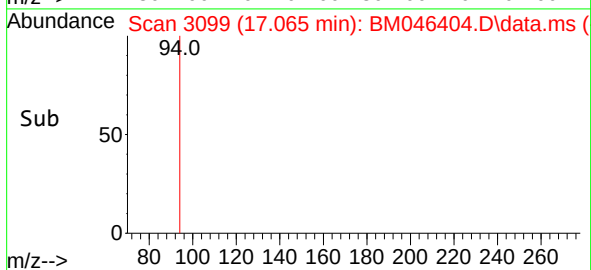
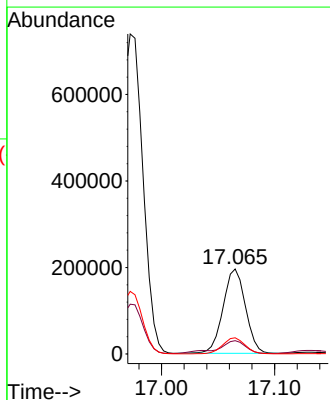
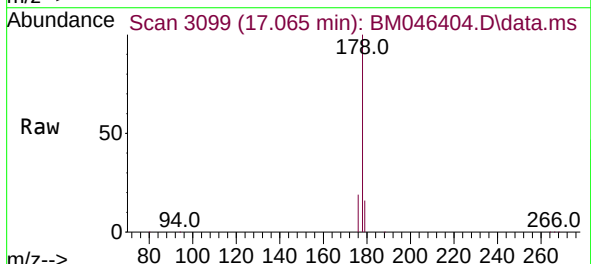
Manual Integrations
APPROVED

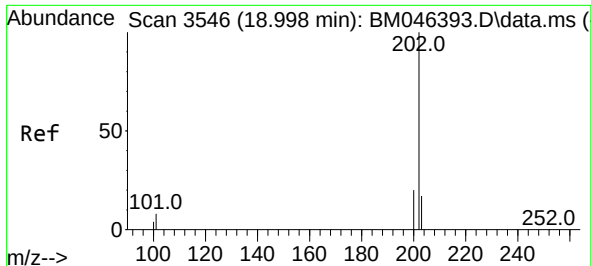
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#16
Anthracene
Concen: 3.180 ng/ul
RT: 17.065 min Scan# 3099
Delta R.T. -0.003 min
Lab File: BM046404.D
Acq: 06 Jul 2024 05:26

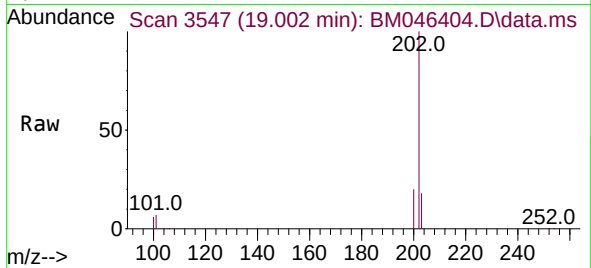
Tgt Ion:178 Resp: 268431
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.0 14.9 22.3





#19
Fluoranthene
Concen: 26.355 ng/u1
RT: 19.002 min Scan# 3547
Delta R.T. -0.003 min
Lab File: BM046404.D
Acq: 06 Jul 2024 05:26

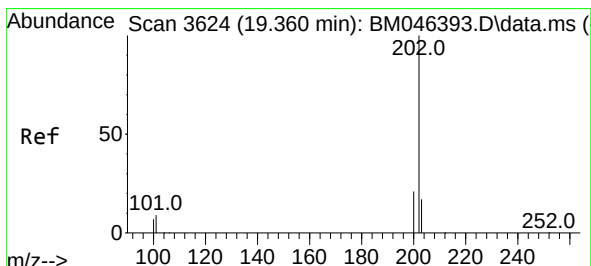
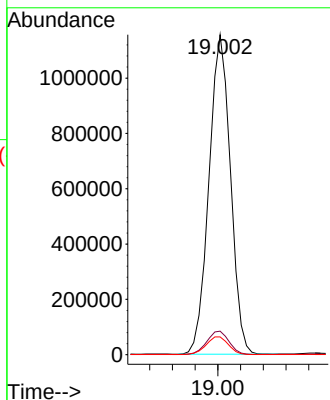
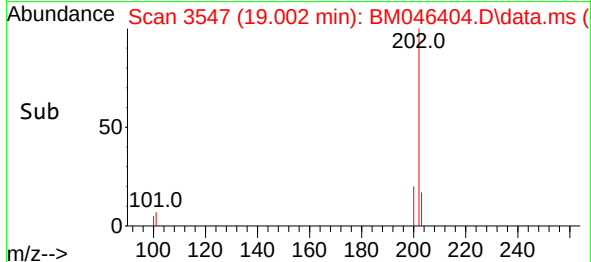
Instrument :
BNA_M
ClientSampleId :
A4CG2MSD



Tgt Ion:202 Resp: 151842
Ion Ratio Lower Upper
202 100
101 7.4 6.3 9.5
100 5.6 5.0 7.6

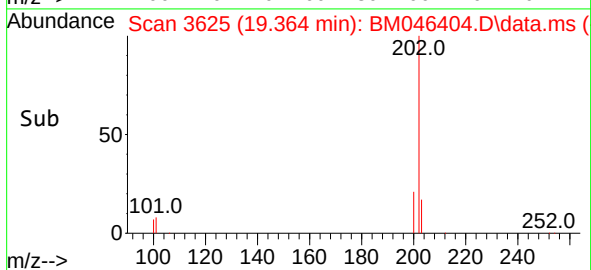
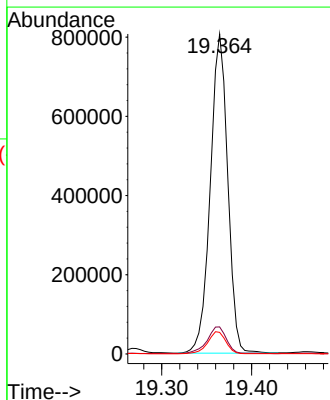
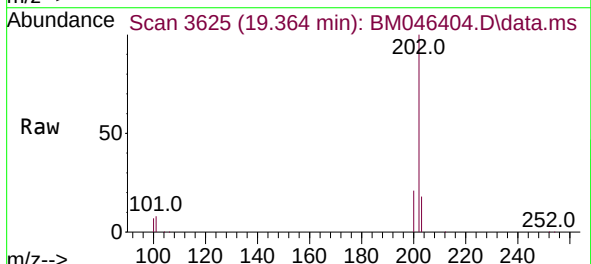
Manual Integrations
APPROVED

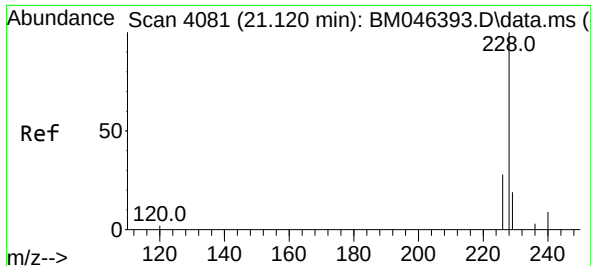
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#20
Pyrene
Concen: 18.278 ng/u1
RT: 19.364 min Scan# 3625
Delta R.T. 0.001 min
Lab File: BM046404.D
Acq: 06 Jul 2024 05:26

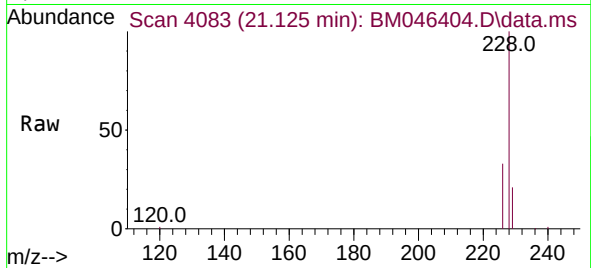
Tgt Ion:202 Resp: 1083540
Ion Ratio Lower Upper
202 100
101 8.4 8.2 12.4
100 6.7 6.9 10.3#





#21
Benzo(a)anthracene
Concen: 11.528 ng/ul
RT: 21.125 min Scan# 4100
Delta R.T. -0.000 min
Lab File: BM046404.D
Acq: 06 Jul 2024 05:26

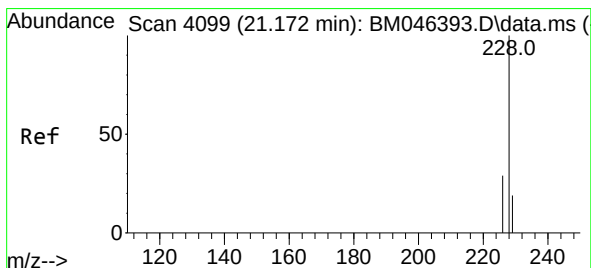
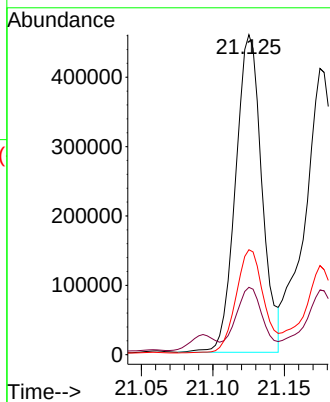
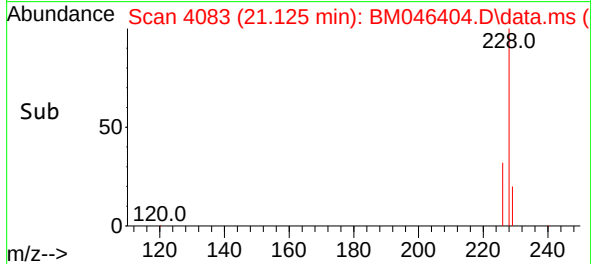
Instrument :
BNA_M
ClientSampleId :
A4CG2MSD



Tgt Ion:228 Resp: 587090
Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.6
226 32.8 22.0 33.0

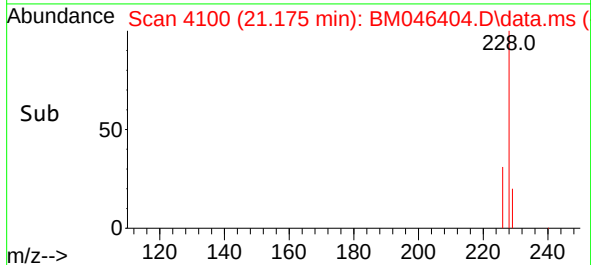
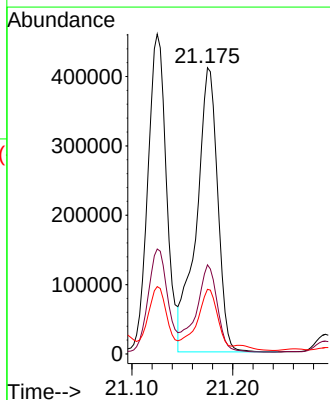
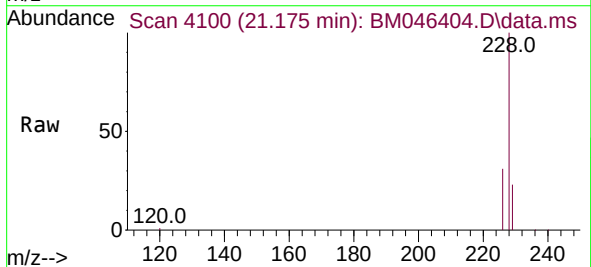
Manual Integrations
APPROVED

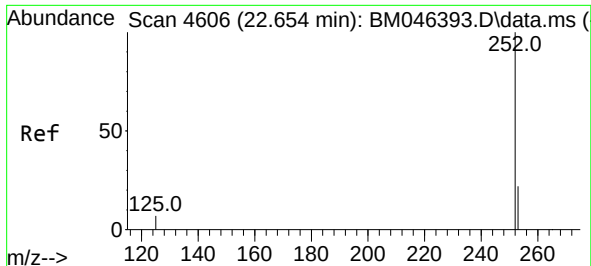
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#22
Chrysene
Concen: 11.826 ng/ul
RT: 21.175 min Scan# 4100
Delta R.T. -0.003 min
Lab File: BM046404.D
Acq: 06 Jul 2024 05:26

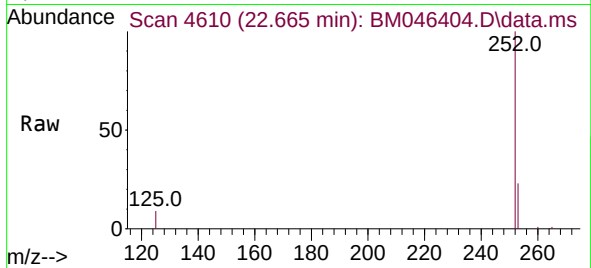
Tgt Ion:228 Resp: 598808
Ion Ratio Lower Upper
228 100
226 31.1 24.1 36.1
229 22.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 11.939 ng/ul m
RT: 22.665 min Scan# 4610
Delta R.T. 0.003 min
Lab File: BM046404.D
Acq: 06 Jul 2024 05:26

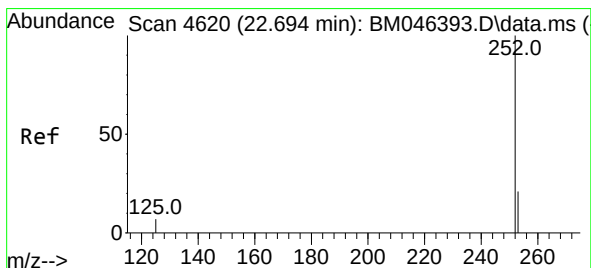
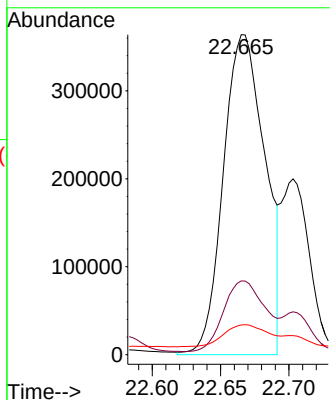
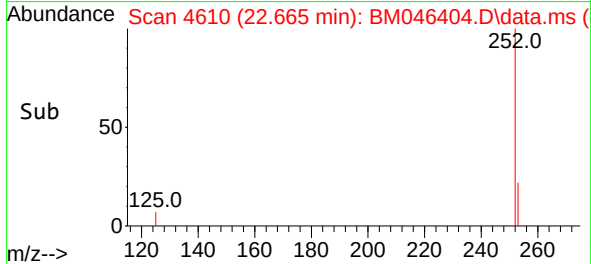
Instrument :
BNA_M
ClientSampleId :
A4CG2MSD



Tgt Ion:252 Resp: 773570
Ion Ratio Lower Upper
252 100
253 23.1 0.0 47.0
125 9.3 0.0 18.4

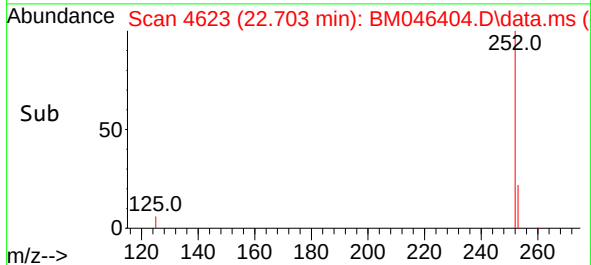
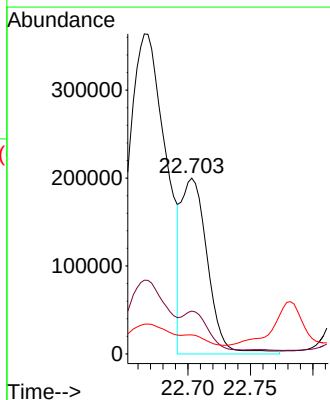
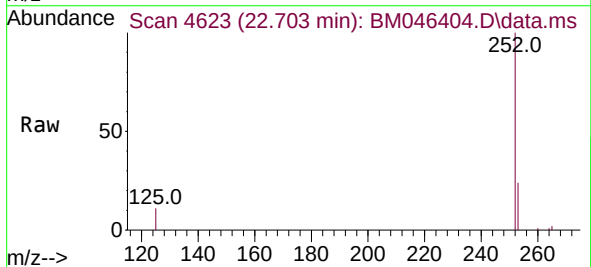
Manual Integrations
APPROVED

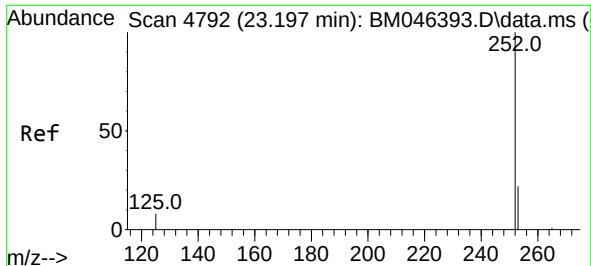
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#25
Benzo(k)fluoranthene
Concen: 4.476 ng/ul m
RT: 22.703 min Scan# 4623
Delta R.T. -0.003 min
Lab File: BM046404.D
Acq: 06 Jul 2024 05:26

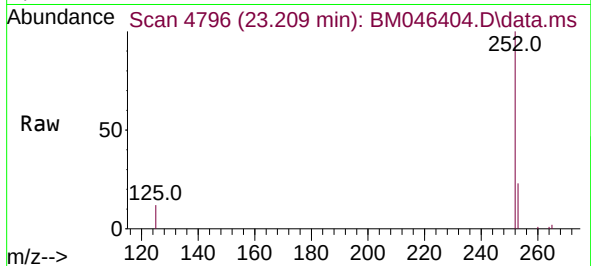
Tgt Ion:252 Resp: 292754
Ion Ratio Lower Upper
252 100
253 24.4 18.4 27.6
125 10.9 7.5 11.3





#26
Benzo(a)pyrene
Concen: 5.850 ng/ul
RT: 23.209 min Scan# 4796
Delta R.T. -0.000 min
Lab File: BM046404.D
Acq: 06 Jul 2024 05:26

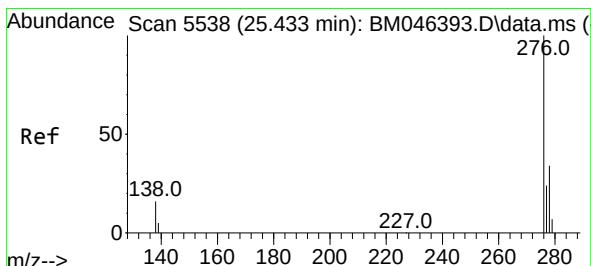
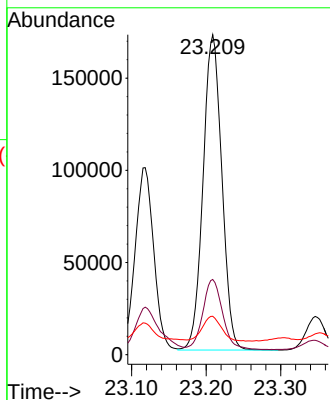
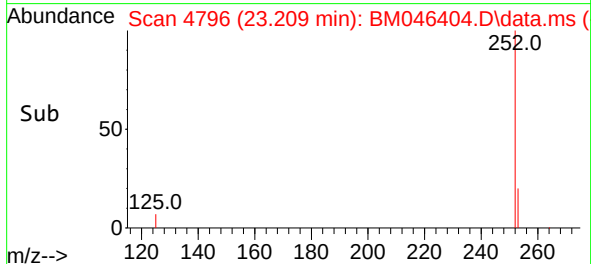
Instrument :
BNA_M
ClientSampleId :
A4CG2MSD



Tgt Ion:252 Resp: 299590
Ion Ratio Lower Upper
252 100
253 23.5 18.9 28.3
125 12.0 8.1 12.1

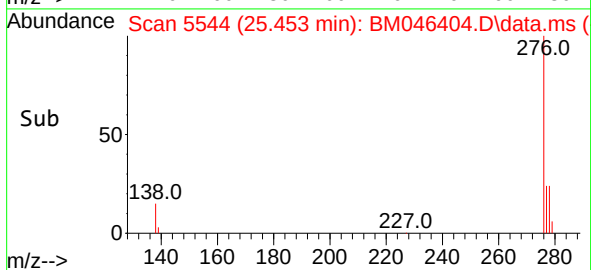
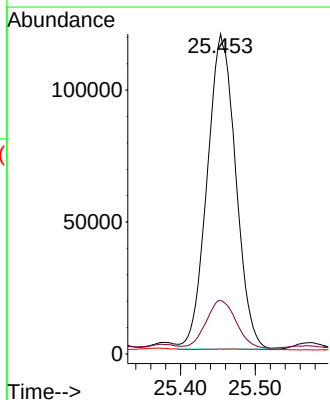
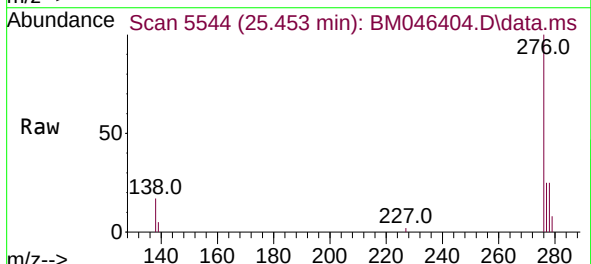
Manual Integrations
APPROVED

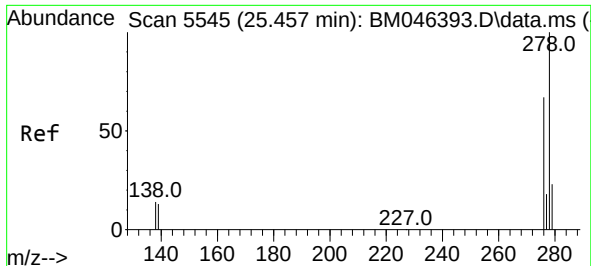
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.580 ng/ul
RT: 25.453 min Scan# 5544
Delta R.T. 0.006 min
Lab File: BM046404.D
Acq: 06 Jul 2024 05:26

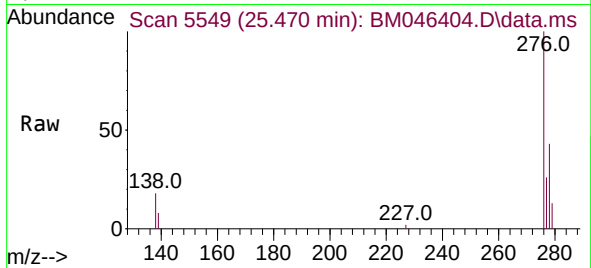
Tgt Ion:276 Resp: 316889
Ion Ratio Lower Upper
276 100
138 15.9 15.7 23.5
227 0.6 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 2.031 ng/ul
RT: 25.470 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM046404.D
Acq: 06 Jul 2024 05:26

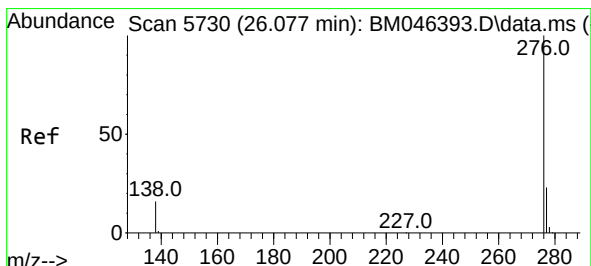
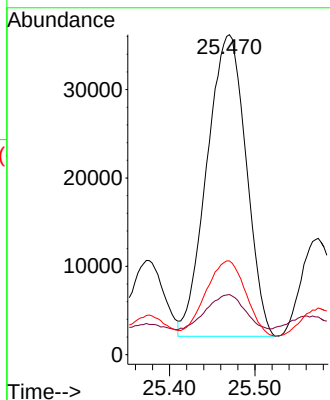
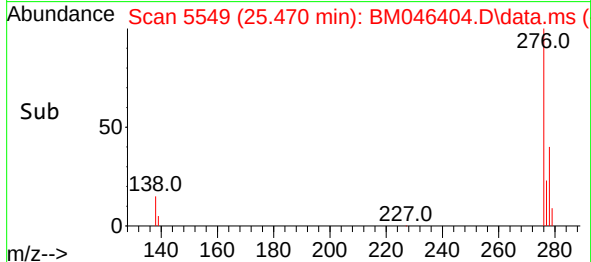
Instrument :
BNA_M
ClientSampleId :
A4CG2MSD



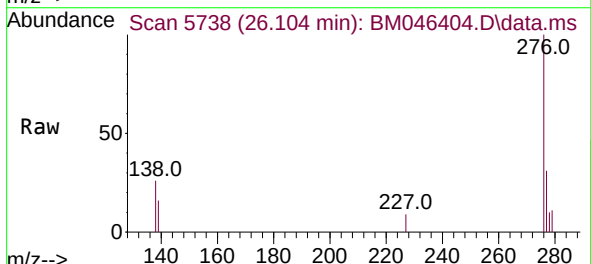
Tgt Ion:278 Resp: 10872
Ion Ratio Lower Upper
278 100
139 18.8 12.6 18.8
279 29.3 20.7 31.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#29
Benzo(g,h,i)perylene
Concen: 0.895 ng/ul
RT: 26.104 min Scan# 5738
Delta R.T. 0.013 min
Lab File: BM046404.D
Acq: 06 Jul 2024 05:26



Tgt Ion:276 Resp: 49360
Ion Ratio Lower Upper
276 100
138 25.9 15.4 23.0#
277 31.0 19.7 29.5#

