

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046895.D
 Acq On : 29 Jul 2024 22:13
 Operator : MA/JU
 Sample : P3329-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E22

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Jul 30 00:02:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.455	152	3286	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.211	136	10239	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.104	164	6687	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.863	188	13403	0.400	ng/ul	0.00
17) Chrysene-d12	21.076	240	7832	0.400	ng/ul	0.00
23) Perylene-d12	23.203	264	7208m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	7919	3.442	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.816	152	4025	0.247	ng/ul	-0.01
18) Fluoranthene-d10	18.905	212	6648	0.261	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.260	128	737	0.028	ng/ul#	74
10) Acenaphthylene	13.822	152	802	0.026	ng/ul#	81
11) Acenaphthene	14.169	153	484	0.023	ng/ul	94
12) Fluorene	15.164	166	687	0.026	ng/ul#	96
15) Phenanthrene	16.905	178	7344	0.191	ng/ul	99
16) Anthracene	16.994	178	1789	0.050	ng/ul#	85
19) Fluoranthene	18.932	202	11937	0.347	ng/ul	98
20) Pyrene	19.300	202	11620m	0.327	ng/ul	
21) Benzo(a)anthracene	21.061	228	3870	0.119	ng/ul#	89
22) Chrysene	21.111	228	5018	0.151	ng/ul#	93
24) Benzo(b)fluoranthene	22.572	252	7356m	0.232	ng/ul	
25) Benzo(k)fluoranthene	22.610	252	2361m	0.074	ng/ul	
26) Benzo(a)pyrene	23.110	252	2949	0.130	ng/ul#	63
27) Indeno(1,2,3-cd)pyrene	25.303	276	2449	0.070	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.313	278	628	0.025	ng/ul#	1
29) Benzo(g,h,i)perylene	25.940	276	2162	0.070	ng/ul#	65

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

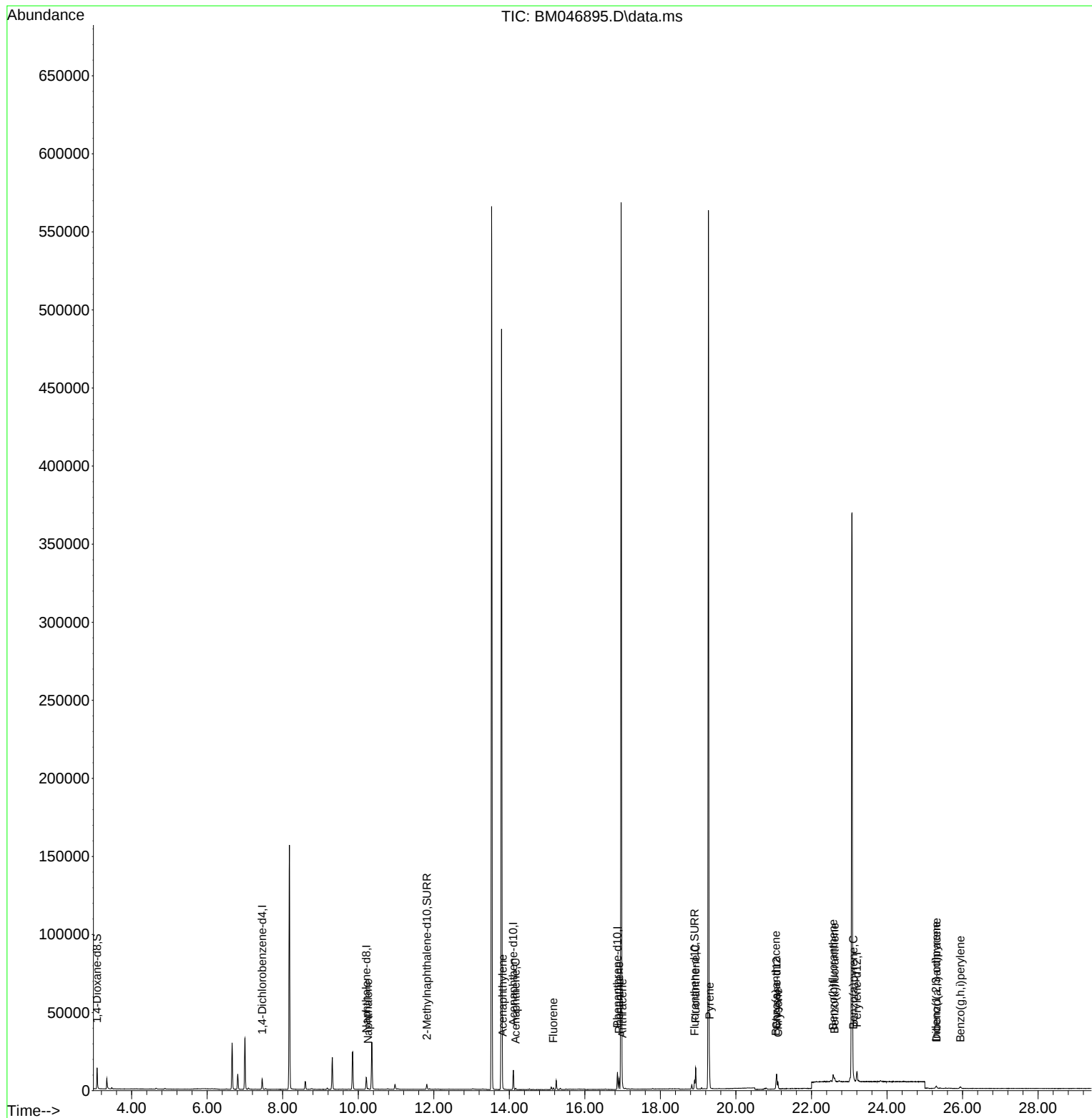
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046895.D
Acq On : 29 Jul 2024 22:13
Operator : MA/JU
Sample : P3329-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

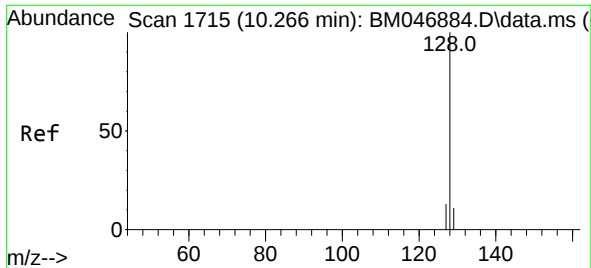
Instrument :
BNA_M
ClientSampleId :
F7E22

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024

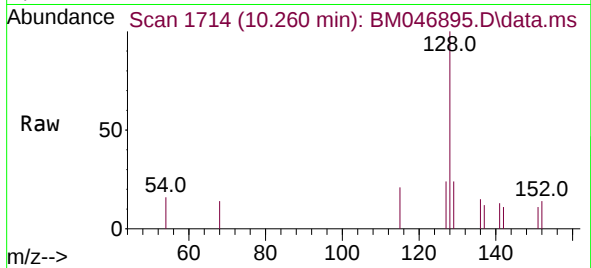
Quant Time: Jul 30 00:02:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.028 ng/ul
RT: 10.260 min Scan# 1715
Delta R.T. -0.016 min
Lab File: BM046895.D
Acq: 29 Jul 2024 22:13

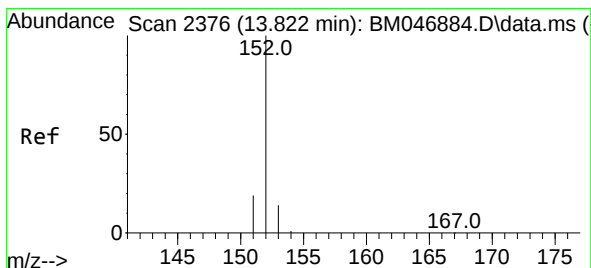
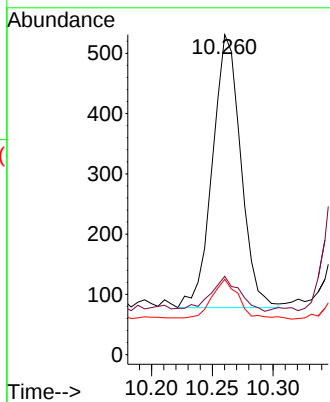
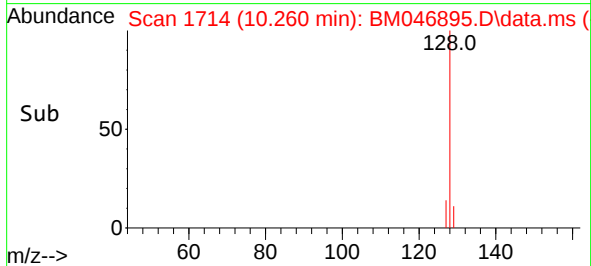
Instrument :
BNA_M
ClientSampleId :
F7E22



Tgt Ion:128 Resp: 731
Ion Ratio Lower Upper
128 100
129 24.5 10.1 15.1#
127 23.5 11.5 17.3#

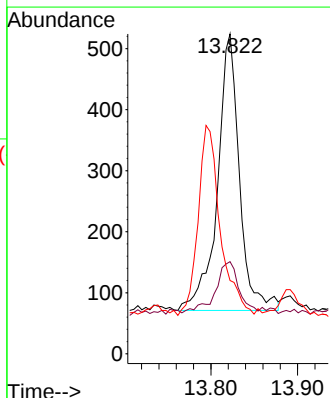
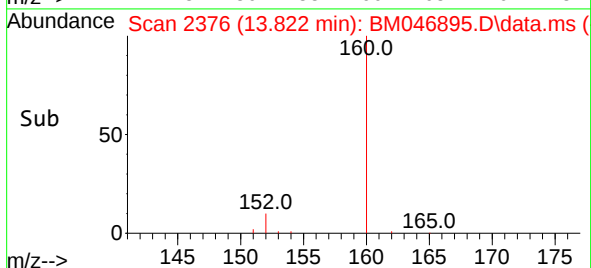
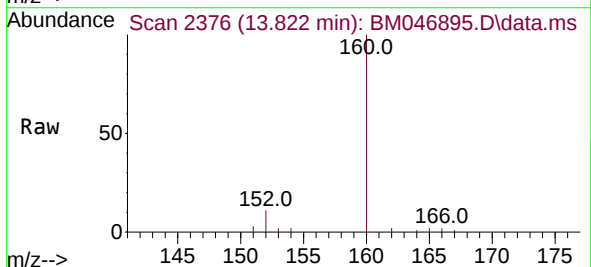
Manual Integrations
APPROVED

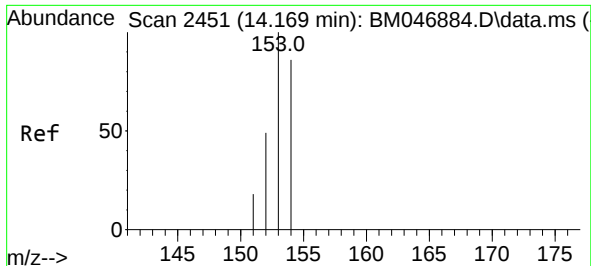
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#10
Acenaphthylene
Concen: 0.026 ng/ul
RT: 13.822 min Scan# 2376
Delta R.T. -0.009 min
Lab File: BM046895.D
Acq: 29 Jul 2024 22:13

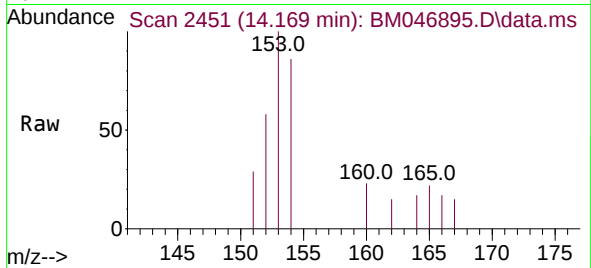
Tgt Ion:152 Resp: 802
Ion Ratio Lower Upper
152 100
151 28.8 16.8 25.2#
153 22.9 11.0 16.6#





#11
Acenaphthene
Concen: 0.023 ng/ul
RT: 14.169 min Scan# 2451
Delta R.T. -0.014 min
Lab File: BM046895.D
Acq: 29 Jul 2024 22:13

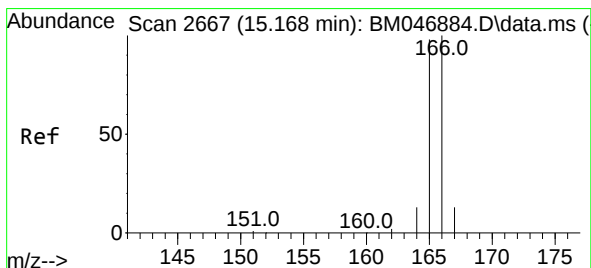
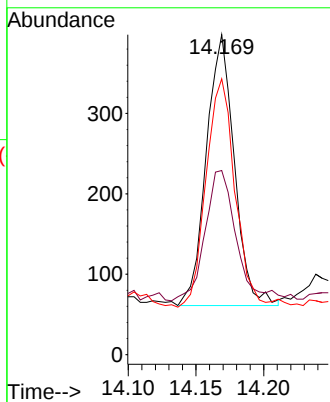
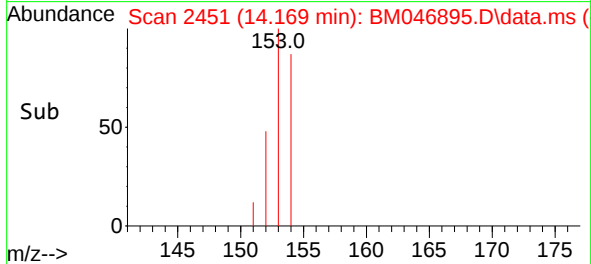
Instrument :
BNA_M
ClientSampleId :
F7E22



Tgt Ion:153 Resp: 484
Ion Ratio Lower Upper
153 100
152 57.5 38.6 57.8
154 86.2 70.8 106.2

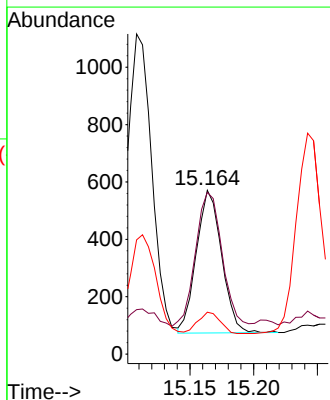
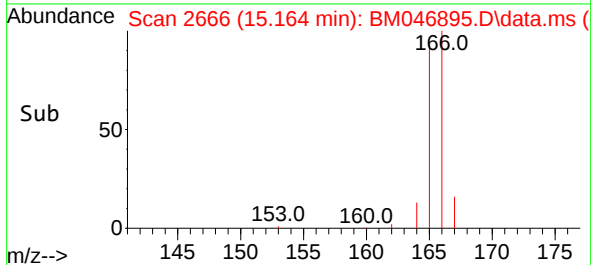
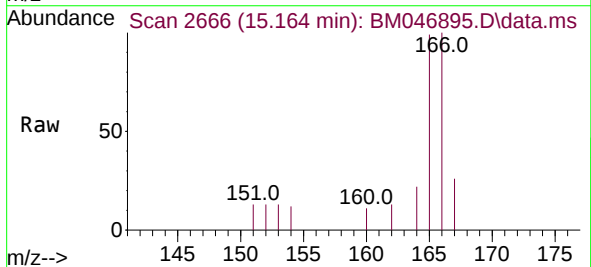
Manual Integrations
APPROVED

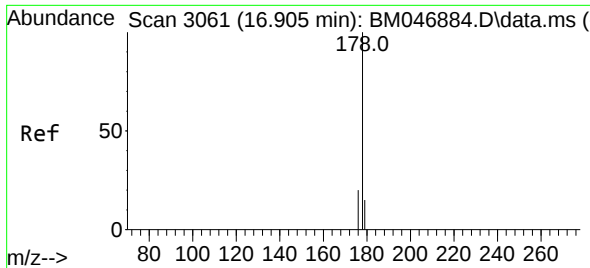
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#12
Fluorene
Concen: 0.026 ng/ul
RT: 15.164 min Scan# 2666
Delta R.T. -0.014 min
Lab File: BM046895.D
Acq: 29 Jul 2024 22:13

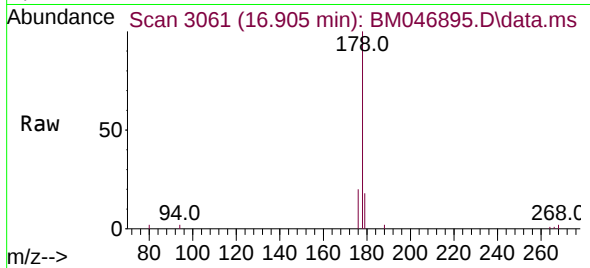
Tgt Ion:166 Resp: 687
Ion Ratio Lower Upper
166 100
165 98.8 79.8 119.6
167 25.6 12.3 18.5#





#15
Phenanthrene
Concen: 0.191 ng/u1
RT: 16.905 min Scan# 3061
Delta R.T. -0.008 min
Lab File: BM046895.D
Acq: 29 Jul 2024 22:13

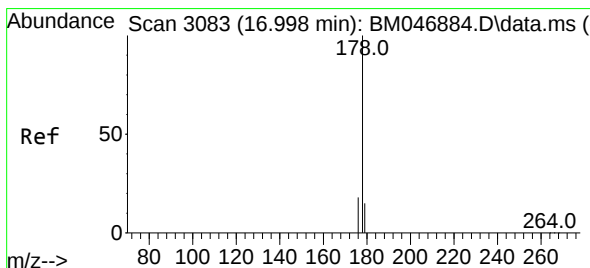
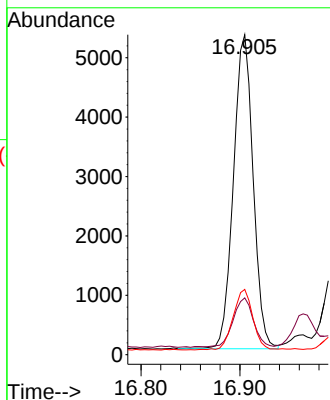
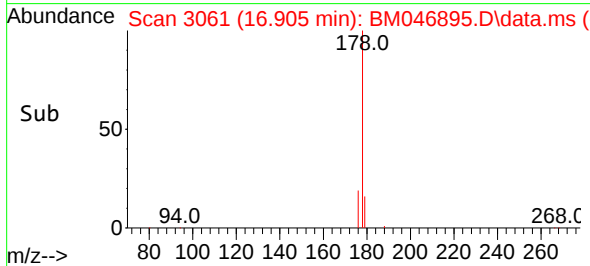
Instrument :
BNA_M
ClientSampleId :
F7E22



Tgt Ion:178 Resp: 7344
Ion Ratio Lower Upper
178 100
179 17.8 13.4 20.2
176 20.4 16.1 24.1

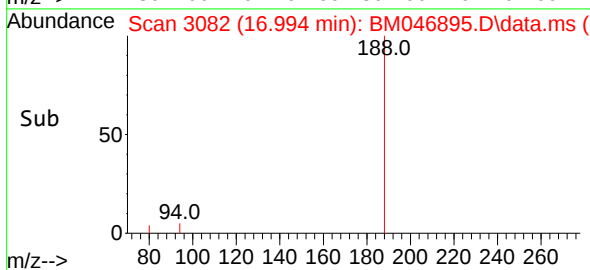
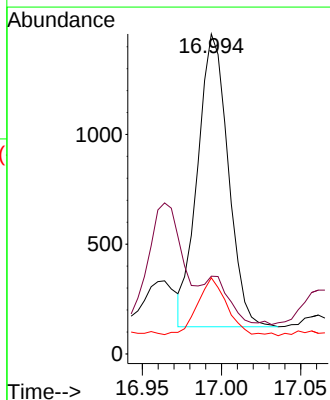
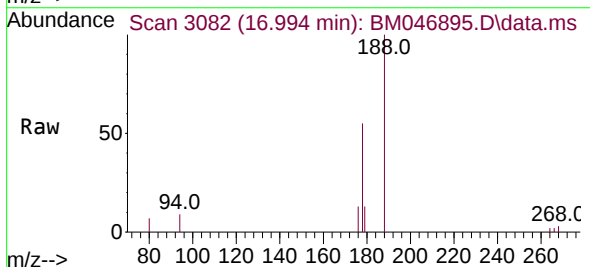
Manual Integrations
APPROVED

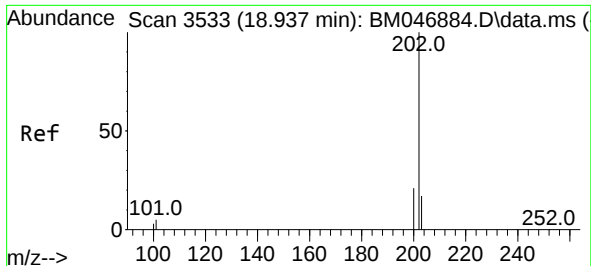
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#16
Anthracene
Concen: 0.050 ng/u1
RT: 16.994 min Scan# 3082
Delta R.T. -0.013 min
Lab File: BM046895.D
Acq: 29 Jul 2024 22:13

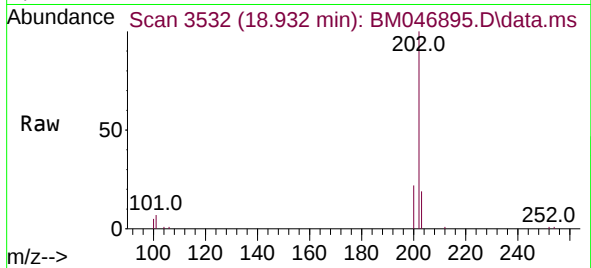
Tgt Ion:178 Resp: 1789
Ion Ratio Lower Upper
178 100
179 24.3 13.1 19.7#
176 23.8 15.0 22.6#





#19
Fluoranthene
Concen: 0.347 ng/ul
RT: 18.932 min Scan# 3532
Delta R.T. -0.009 min
Lab File: BM046895.D
Acq: 29 Jul 2024 22:13

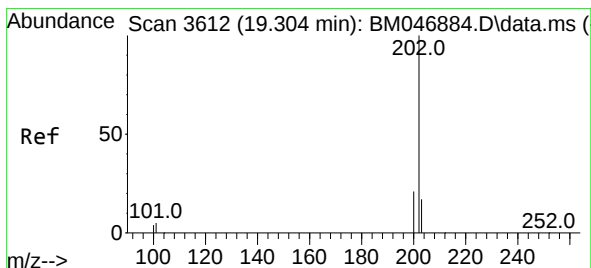
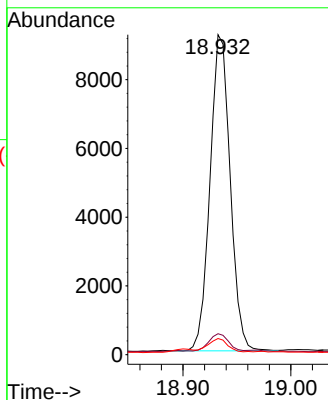
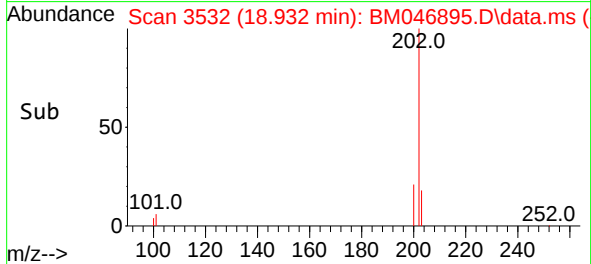
Instrument :
BNA_M
ClientSampleId :
F7E22



Tgt Ion:202 Resp: 1193
Ion Ratio Lower Upper
202 100
101 6.6 4.7 7.1
100 5.1 3.4 5.2

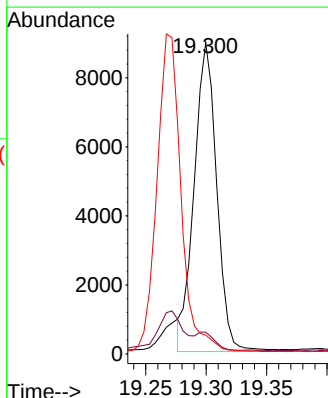
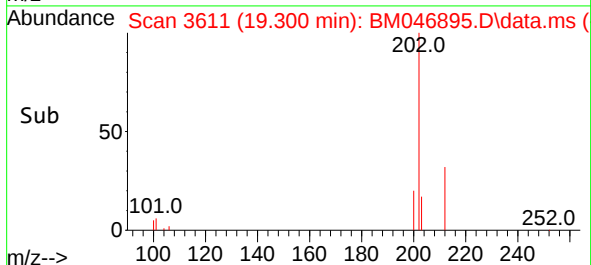
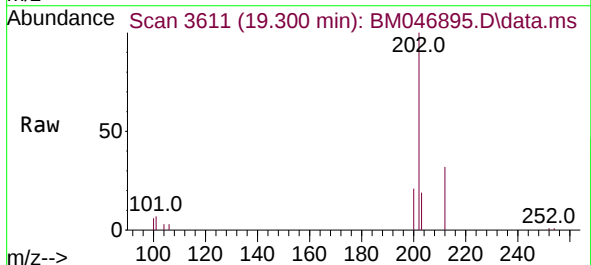
Manual Integrations
APPROVED

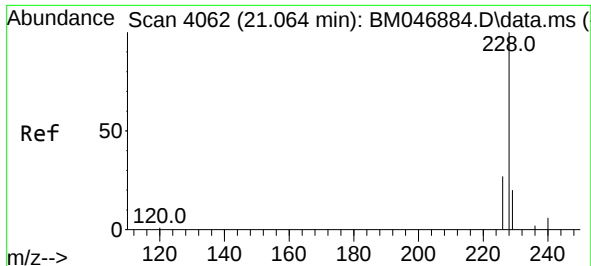
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#20
Pyrene
Concen: 0.327 ng/ul m
RT: 19.300 min Scan# 3611
Delta R.T. -0.005 min
Lab File: BM046895.D
Acq: 29 Jul 2024 22:13

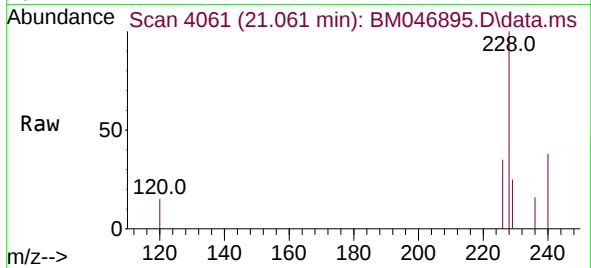
Tgt Ion:202 Resp: 11620
Ion Ratio Lower Upper
202 100
101 7.0 5.2 7.8
100 6.0 4.3 6.5





#21
Benzo(a)anthracene
Concen: 0.119 ng/ul
RT: 21.061 min Scan# 4061
Delta R.T. -0.003 min
Lab File: BM046895.D
Acq: 29 Jul 2024 22:13

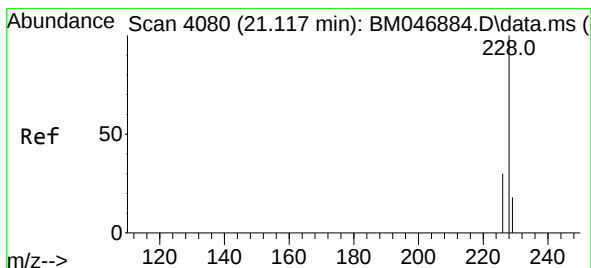
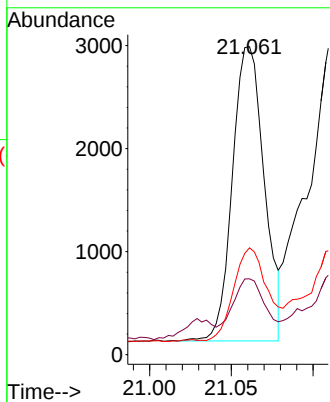
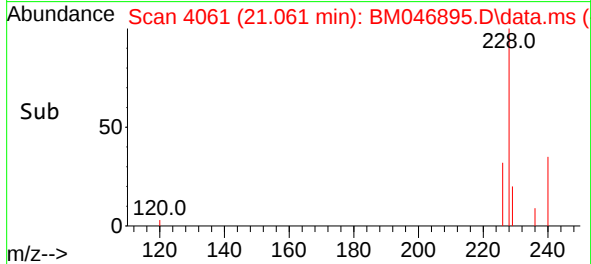
Instrument :
BNA_M
ClientSampleId :
F7E22



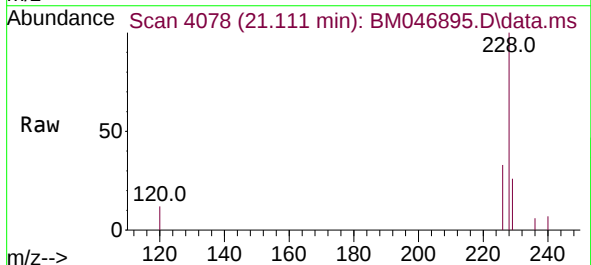
Tgt Ion:228 Resp: 3870
Ion Ratio Lower Upper
228 100
229 24.6 16.3 24.5
226 34.7 22.3 33.5

Manual Integrations
APPROVED

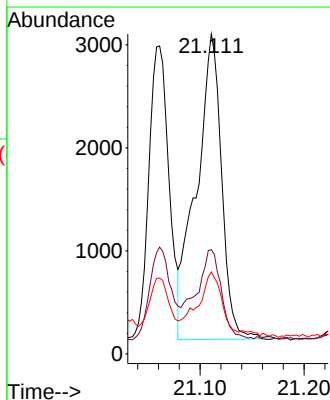
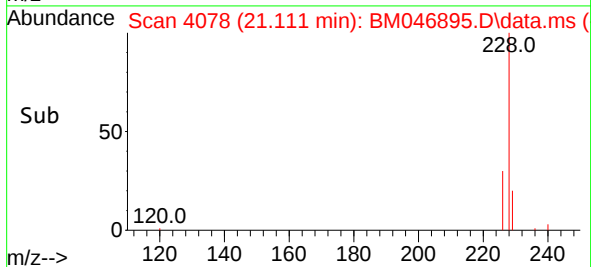
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024

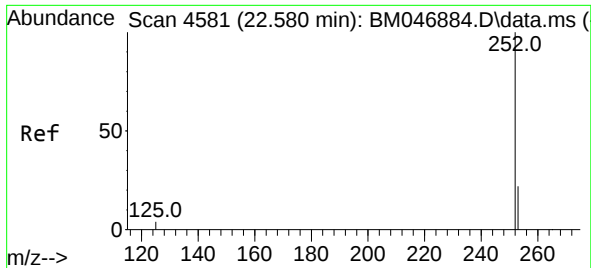


#22
Chrysene
Concen: 0.151 ng/ul
RT: 21.111 min Scan# 4078
Delta R.T. -0.006 min
Lab File: BM046895.D
Acq: 29 Jul 2024 22:13



Tgt Ion:228 Resp: 5018
Ion Ratio Lower Upper
228 100
226 32.6 24.5 36.7
229 25.7 16.2 24.2





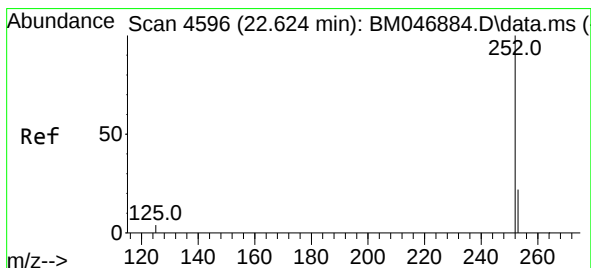
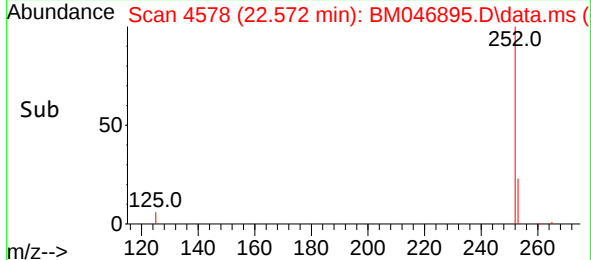
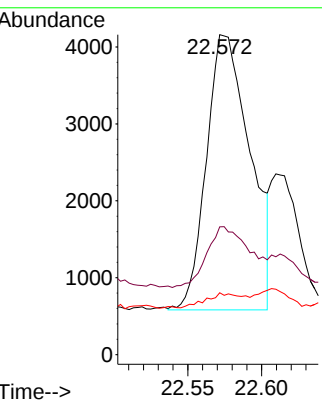
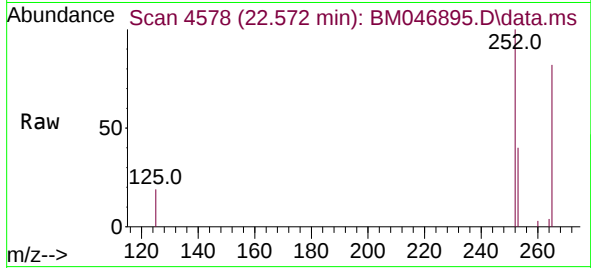
#24
Benzo(b)fluoranthene
Concen: 0.232 ng/ul m
RT: 22.572 min Scan# 4578
Delta R.T. -0.009 min
Lab File: BM046895.D
Acq: 29 Jul 2024 22:13

Instrument :
BNA_M
ClientSampleId :
F7E22

Tgt Ion:252 Resp: 7350
Ion Ratio Lower Upper
252 100
253 40.0 0.0 56.4
125 19.4 0.0 15.8

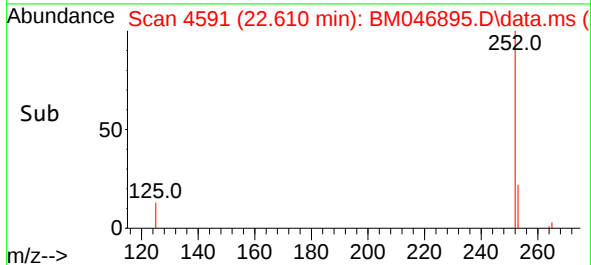
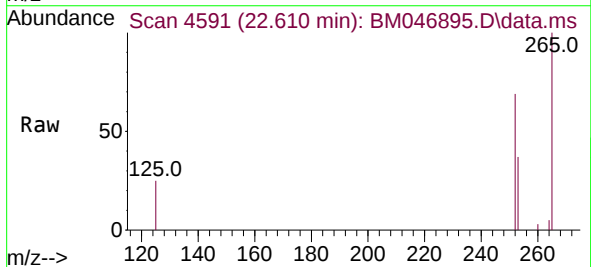
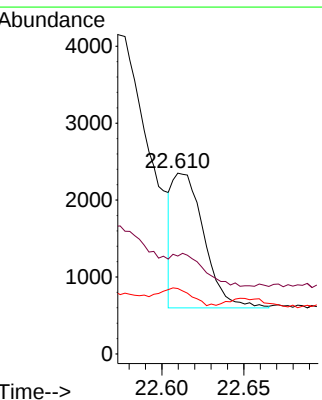
Manual Integrations
APPROVED

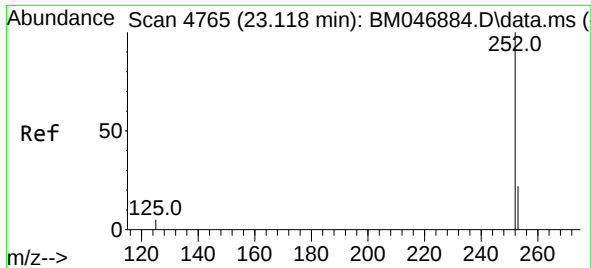
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#25
Benzo(k)fluoranthene
Concen: 0.074 ng/ul m
RT: 22.610 min Scan# 4591
Delta R.T. -0.012 min
Lab File: BM046895.D
Acq: 29 Jul 2024 22:13

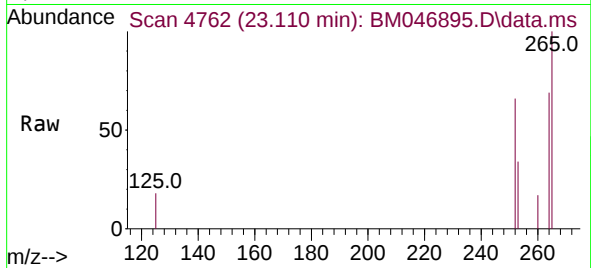
Tgt Ion:252 Resp: 2361
Ion Ratio Lower Upper
252 100
253 54.1 23.5 35.3#
125 36.2 8.6 13.0#





#26
Benzo(a)pyrene
Concen: 0.130 ng/ul
RT: 23.110 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM046895.D
Acq: 29 Jul 2024 22:13

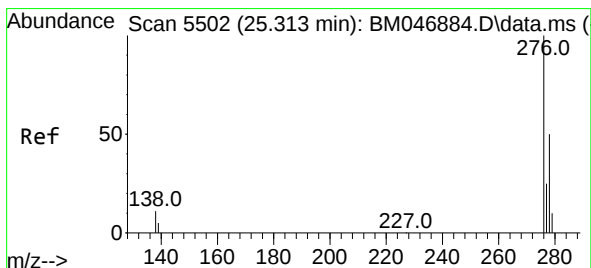
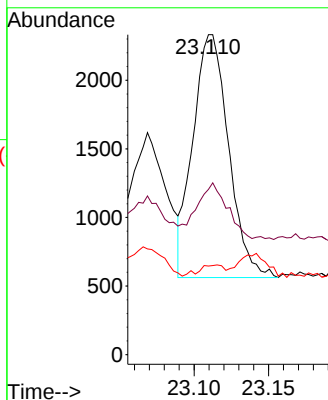
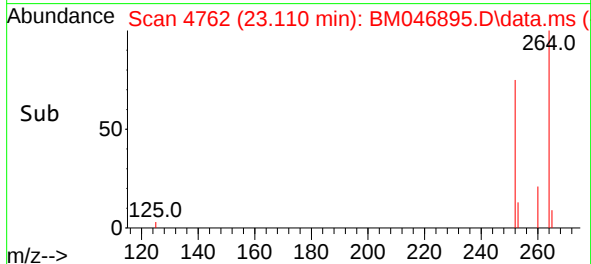
Instrument :
BNA_M
ClientSampleId :
F7E22



Tgt Ion:252 Resp: 2949
Ion Ratio Lower Upper
252 100
253 51.6 26.0 39.0#
125 27.7 7.8 11.8#

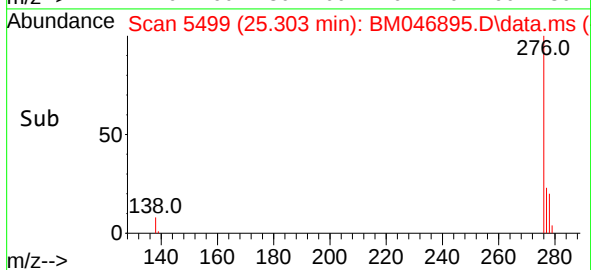
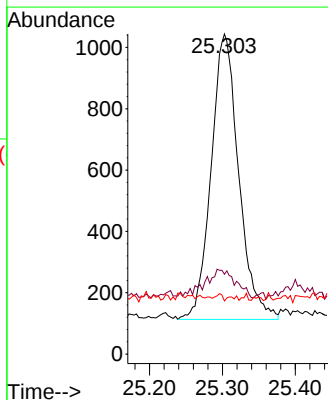
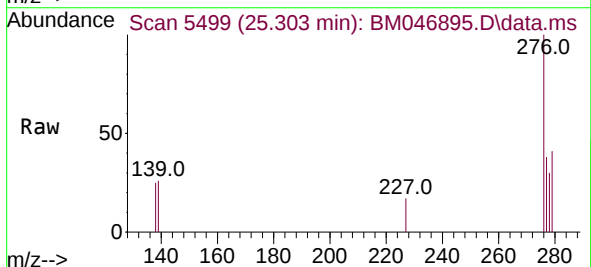
Manual Integrations
APPROVED

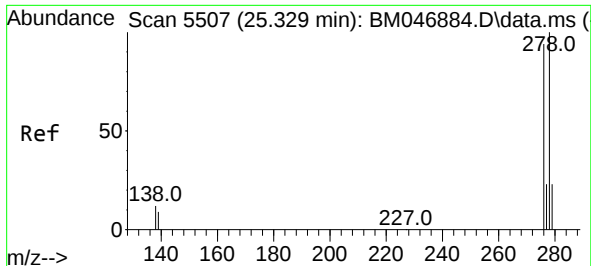
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.070 ng/ul
RT: 25.303 min Scan# 5499
Delta R.T. -0.013 min
Lab File: BM046895.D
Acq: 29 Jul 2024 22:13

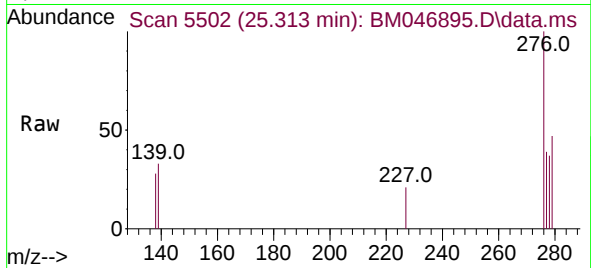
Tgt Ion:276 Resp: 2449
Ion Ratio Lower Upper
276 100
138 7.8 9.7 14.5#
227 0.6 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.025 ng/ul
RT: 25.313 min Scan# 5507
Delta R.T. -0.020 min
Lab File: BM046895.D
Acq: 29 Jul 2024 22:13

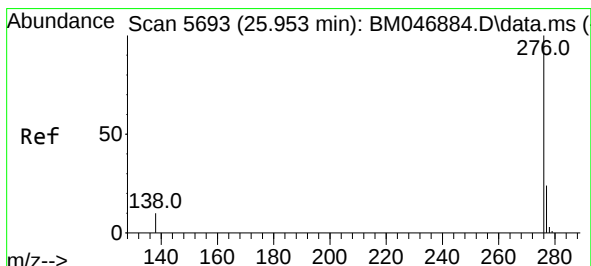
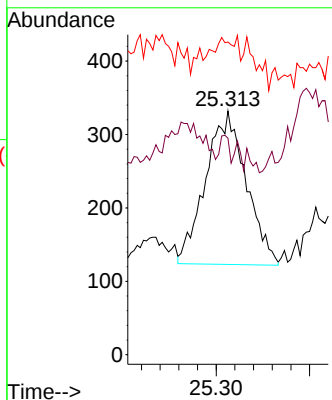
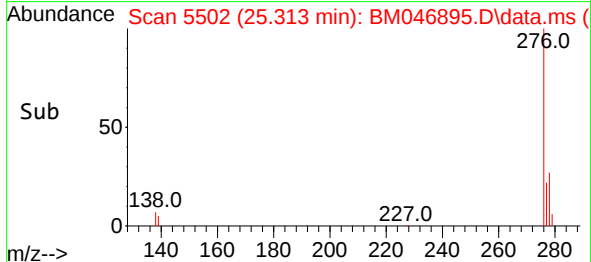
Instrument :
BNA_M
ClientSampleId :
F7E22



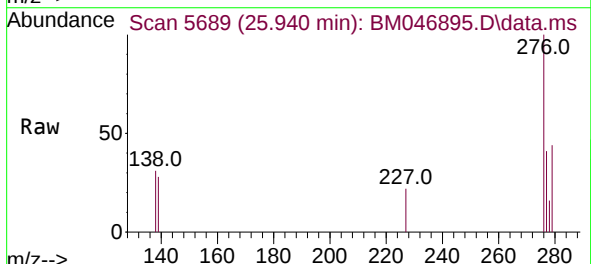
Tgt Ion:278 Resp: 628
Ion Ratio Lower Upper
278 100
139 88.9 9.8 14.8
279 128.3 25.2 37.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#29
Benzo(g,h,i)perylene
Concen: 0.070 ng/ul
RT: 25.940 min Scan# 5689
Delta R.T. -0.013 min
Lab File: BM046895.D
Acq: 29 Jul 2024 22:13



Tgt Ion:276 Resp: 2162
Ion Ratio Lower Upper
276 100
138 30.7 9.5 14.3#
277 40.6 20.9 31.3#

