

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111324\
 Data File : BM048675.D
 Acq On : 14 Nov 2024 16:44
 Operator : RC/JU
 Sample : PB164930BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS930

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/15/2024
 Supervised By :mohammad ahmed 11/15/2024

Quant Time: Nov 14 17:24:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 11:38:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	3035m	0.400	ng/ul	0.00
4) Naphthalene-d8	10.495	136	9469	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.325	164	5770	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.081	188	10621	0.400	ng/ul	0.00
17) Chrysene-d12	21.266	240	9561	0.400	ng/ul	0.00
23) Perylene-d12	23.481	264	10339	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	3424	0.935	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.106	152	5340	0.436	ng/ul	0.00
18) Fluoranthene-d10	19.108	212	12845	0.479	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.155	88	7623	1.811	ng/ul#	63
5) Naphthalene	10.545	128	9646	0.407	ng/ul	96
7) 2-Methylnaphthalene	12.183	142	5443	0.365	ng/ul	91
8) 1-Methylnaphthalene	12.376	142	6235	0.408	ng/ul	97
10) Acenaphthylene	14.047	152	8955	0.409	ng/ul	98
11) Acenaphthene	14.385	153	7061	0.403	ng/ul	99
12) Fluorene	15.398	166	7728	0.406	ng/ul	98
14) Pentachlorophenol	16.751	266	2348	0.602	ng/ul	96
15) Phenanthrene	17.123	178	11497	0.412	ng/ul	100
16) Anthracene	17.224	178	10423	0.401	ng/ul	98
19) Fluoranthene	19.135	202	15348	0.434	ng/ul	99
20) Pyrene	19.498	202	16742	0.436	ng/ul	98
21) Benzo(a)anthracene	21.254	228	11002	0.351	ng/ul	99
22) Chrysene	21.298	228	18137	0.483	ng/ul	100
24) Benzo(b)fluoranthene	22.815	252	13867	0.430	ng/ul	96
25) Benzo(k)fluoranthene	22.858	252	18110	0.479	ng/ul	96
26) Benzo(a)pyrene	23.388	252	13510	0.430	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.746	276	16612	0.378	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.766	278	12286	0.360	ng/ul	97
29) Benzo(g,h,i)perylene	26.426	276	14824	0.402	ng/ul	99

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

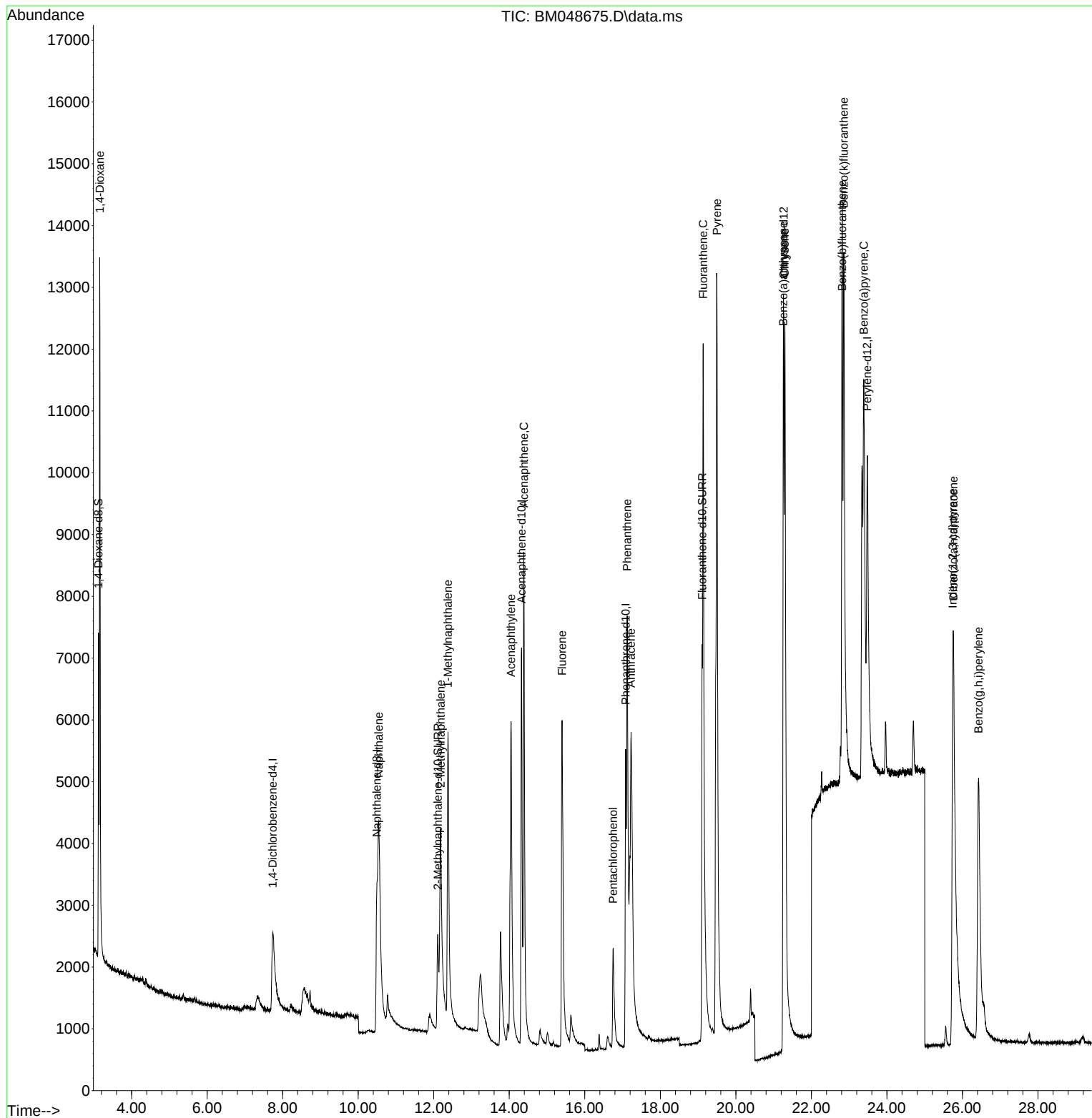
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111324\
Data File : BM048675.D
Acq On : 14 Nov 2024 16:44
Operator : RC/JU
Sample : PB164930BS
Misc :
ALS Vial : 55 Sample Multiplier: 1

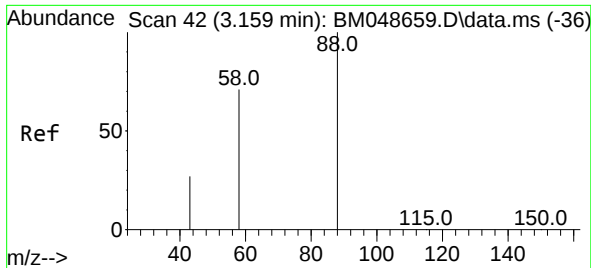
Instrument :
BNA_M
ClientSampleId :
SLCS930

Quant Time: Nov 14 17:24:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 11:38:55 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

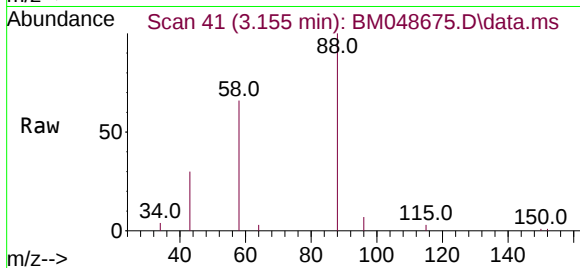
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024





#2
1,4-Dioxane
Concen: 1.811 ng/ul
RT: 3.155 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM048675.D
Acq: 14 Nov 2024 16:44

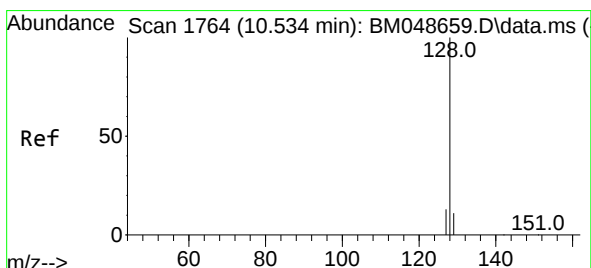
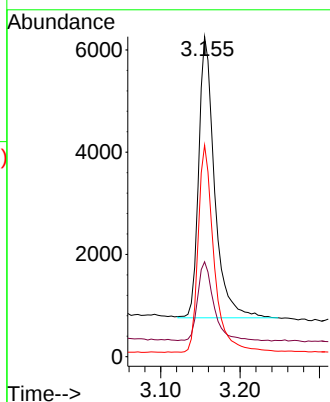
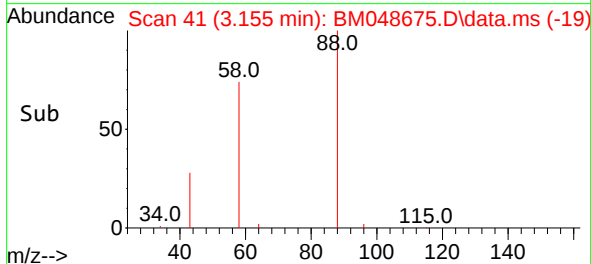
Instrument :
BNA_M
ClientSampleId :
SLCS930



Tgt Ion: 88 Resp: 762
Ion Ratio Lower Upper
88 100
43 29.7 60.2 90.4
58 66.1 44.2 66.2

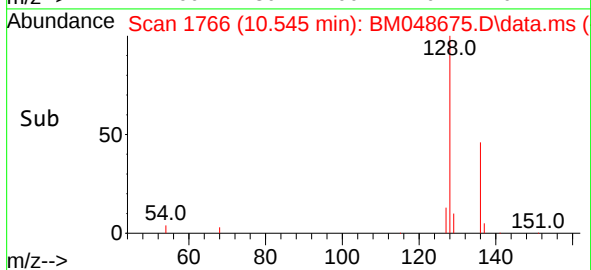
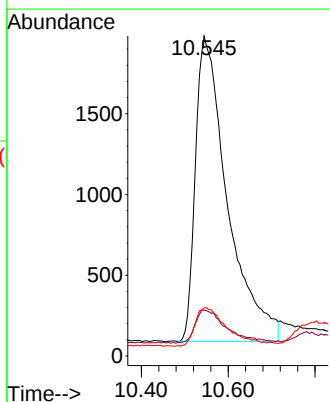
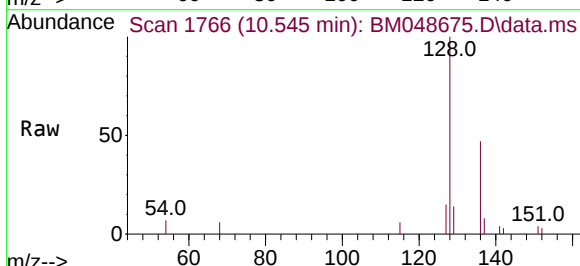
Manual Integrations
APPROVED

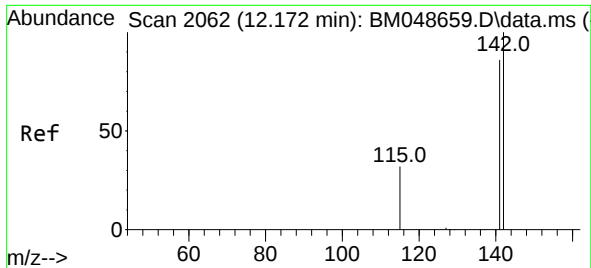
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#5
Naphthalene
Concen: 0.407 ng/ul
RT: 10.545 min Scan# 1766
Delta R.T. -0.002 min
Lab File: BM048675.D
Acq: 14 Nov 2024 16:44

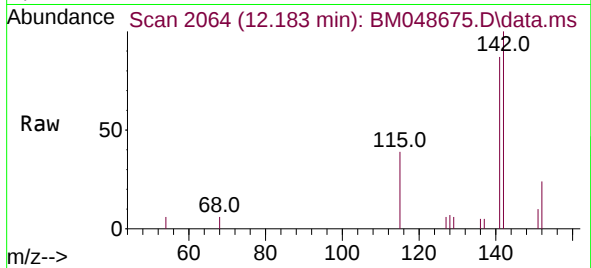
Tgt Ion:128 Resp: 9646
Ion Ratio Lower Upper
128 100
129 14.3 10.0 15.0
127 15.1 10.9 16.3





#7
2-Methylnaphthalene
Concen: 0.365 ng/ul
RT: 12.183 min Scan# 2064
Delta R.T. 0.004 min
Lab File: BM048675.D
Acq: 14 Nov 2024 16:44

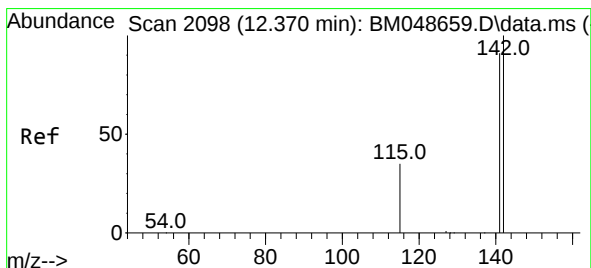
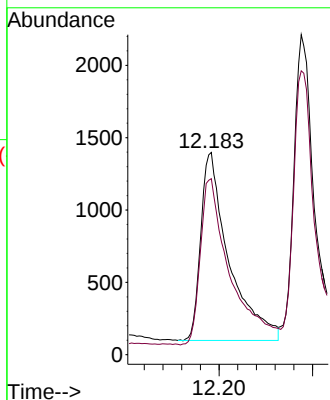
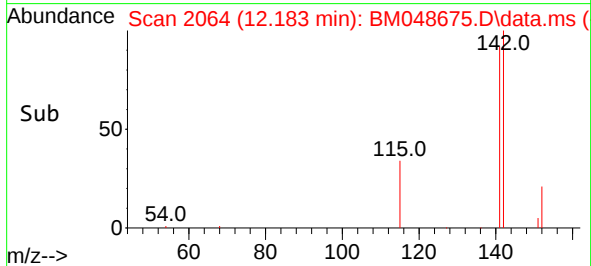
Instrument :
BNA_M
ClientSampleId :
SLCS930



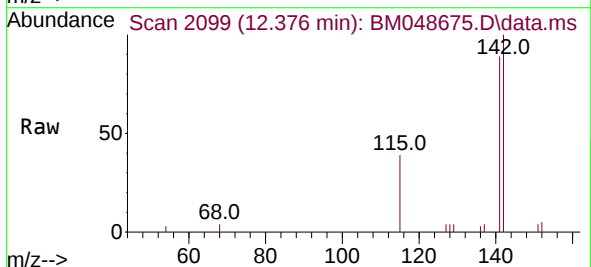
Tgt Ion:142 Resp: 544
Ion Ratio Lower Upper
142 100
141 94.4 68.6 103.0

Manual Integrations
APPROVED

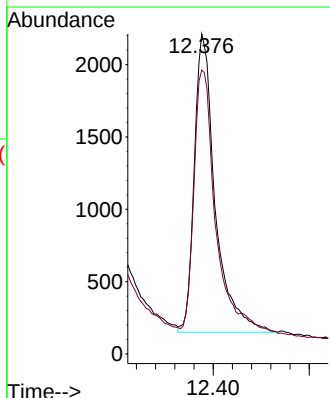
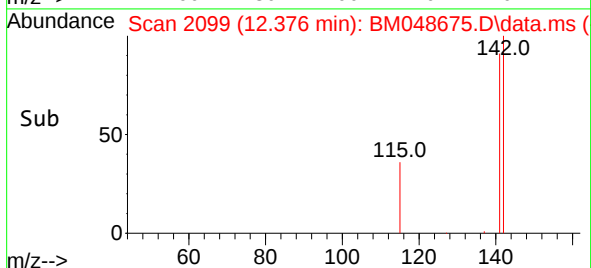
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

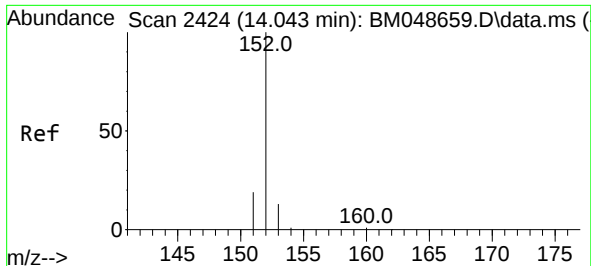


#8
1-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.376 min Scan# 2099
Delta R.T. -0.002 min
Lab File: BM048675.D
Acq: 14 Nov 2024 16:44



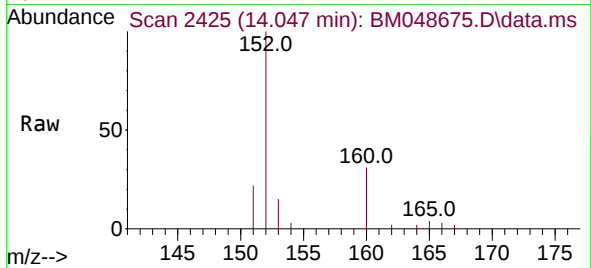
Tgt Ion:142 Resp: 6235
Ion Ratio Lower Upper
142 100
141 93.4 72.8 109.2





#10
Acenaphthylene
Concen: 0.409 ng/ul
RT: 14.047 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BM048675.D
Acq: 14 Nov 2024 16:44

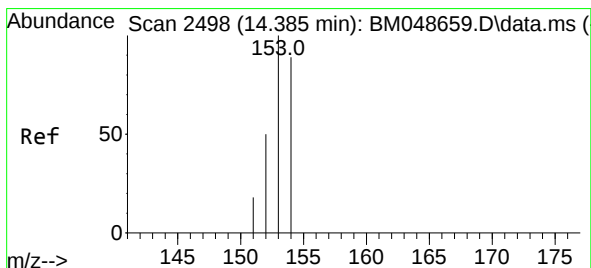
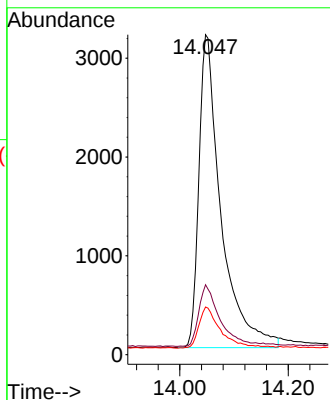
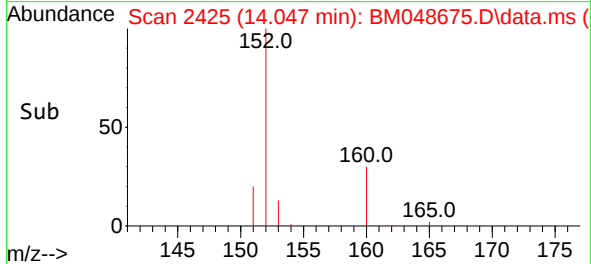
Instrument :
BNA_M
ClientSampleId :
SLCS930



Tgt Ion:152 Resp: 895
Ion Ratio Lower Upper
152 100
151 21.8 16.5 24.7
153 14.9 11.6 17.4

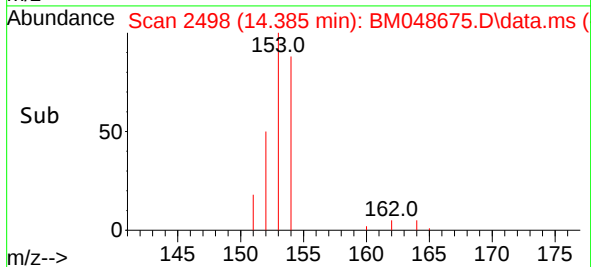
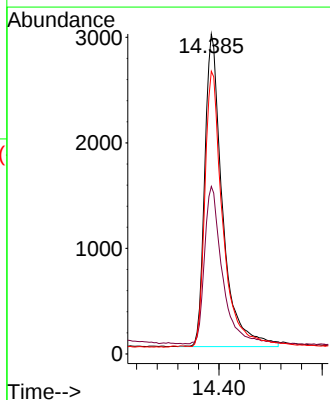
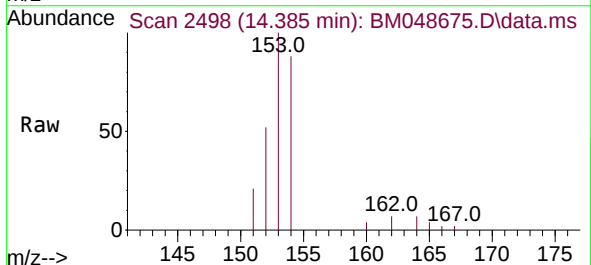
Manual Integrations
APPROVED

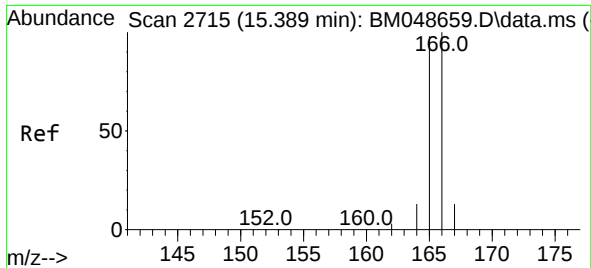
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#11
Acenaphthene
Concen: 0.403 ng/ul
RT: 14.385 min Scan# 2498
Delta R.T. -0.002 min
Lab File: BM048675.D
Acq: 14 Nov 2024 16:44

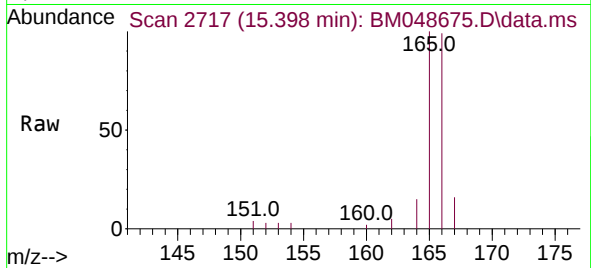
Tgt Ion:153 Resp: 7061
Ion Ratio Lower Upper
153 100
152 52.4 41.1 61.7
154 88.4 70.3 105.5





#12
Fluorene
Concen: 0.406 ng/ul
RT: 15.398 min Scan# 2717
Delta R.T. -0.002 min
Lab File: BM048675.D
Acq: 14 Nov 2024 16:44

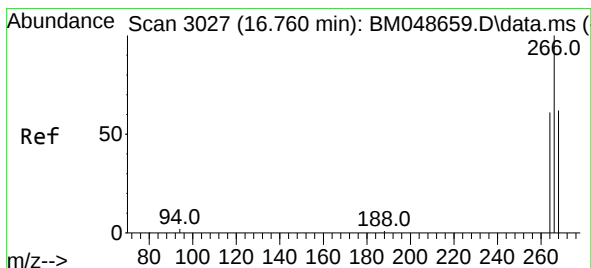
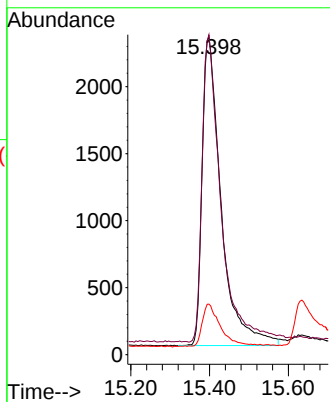
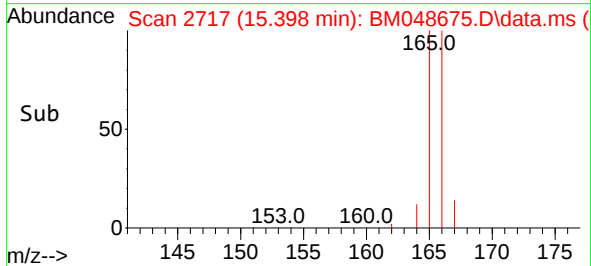
Instrument :
BNA_M
ClientSampleId :
SLCS930



Tgt Ion:166 Resp: 7728
Ion Ratio Lower Upper
166 100
165 100.6 78.7 118.1
167 15.9 12.6 18.8

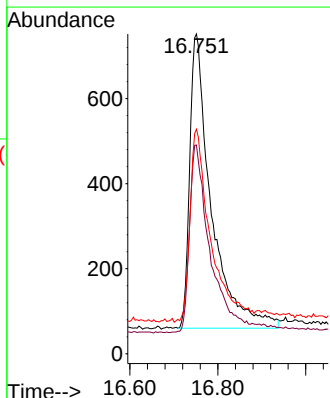
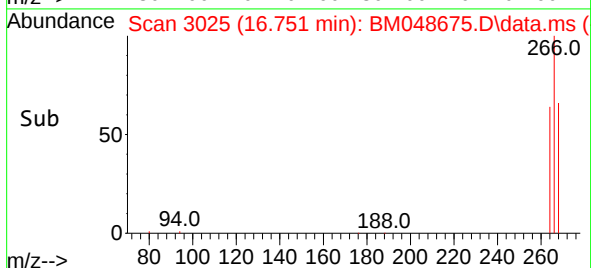
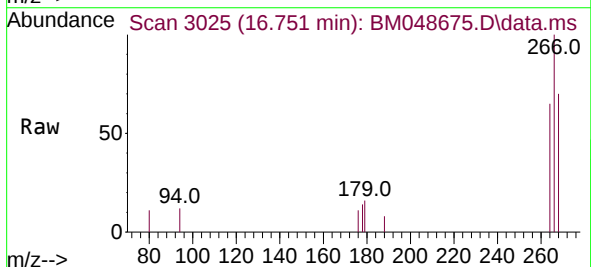
Manual Integrations
APPROVED

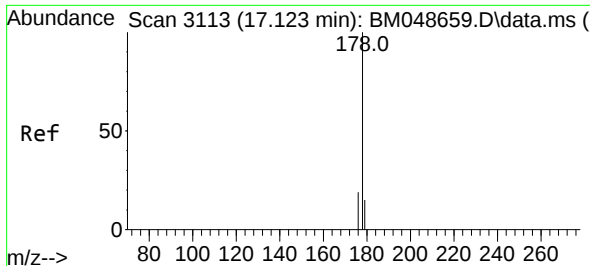
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#14
Pentachlorophenol
Concen: 0.602 ng/ul
RT: 16.751 min Scan# 3025
Delta R.T. -0.010 min
Lab File: BM048675.D
Acq: 14 Nov 2024 16:44

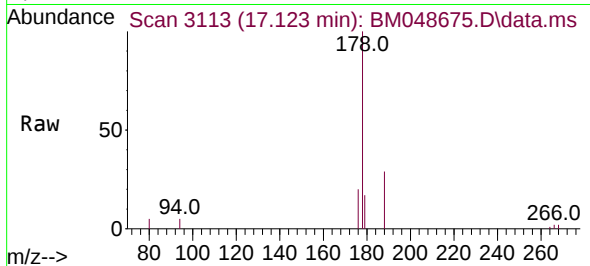
Tgt Ion:266 Resp: 2348
Ion Ratio Lower Upper
266 100
264 63.1 49.6 74.4
268 66.9 49.4 74.0





#15
Phenanthrene
Concen: 0.412 ng/u1
RT: 17.123 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BM048675.D
Acq: 14 Nov 2024 16:44

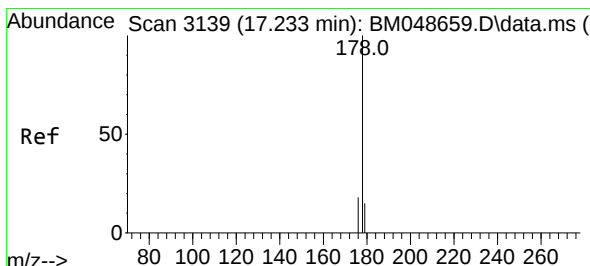
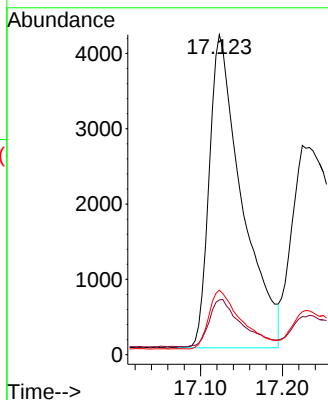
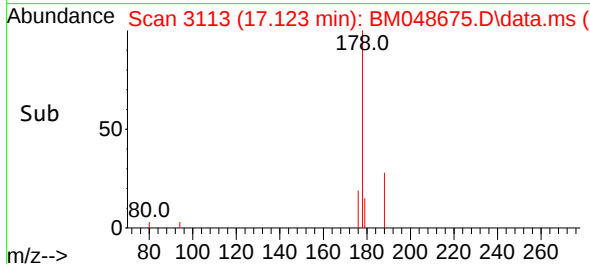
Instrument :
BNA_M
ClientSampleId :
SLCS930



Tgt Ion:178 Resp: 1149
Ion Ratio Lower Upper
178 100
179 17.1 13.4 20.0
176 20.2 16.2 24.2

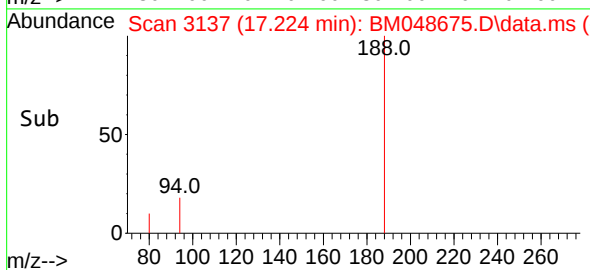
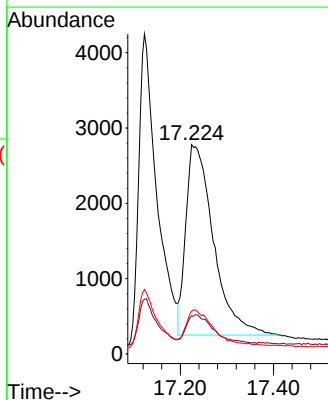
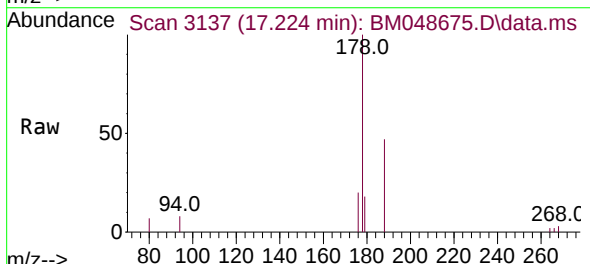
Manual Integrations
APPROVED

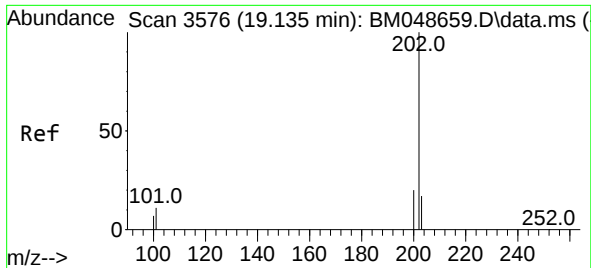
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#16
Anthracene
Concen: 0.401 ng/u1
RT: 17.224 min Scan# 3137
Delta R.T. -0.014 min
Lab File: BM048675.D
Acq: 14 Nov 2024 16:44

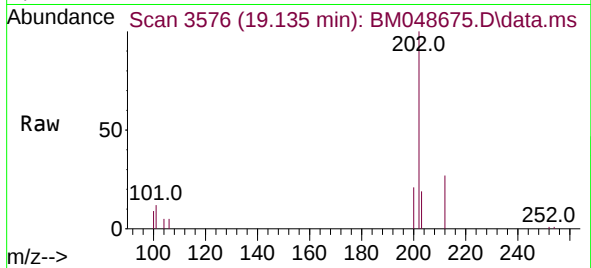
Tgt Ion:178 Resp: 10423
Ion Ratio Lower Upper
178 100
179 18.2 13.7 20.5
176 20.5 15.9 23.9





#19
Fluoranthene
Concen: 0.434 ng/ul
RT: 19.135 min Scan# 3576
Delta R.T. -0.006 min
Lab File: BM048675.D
Acq: 14 Nov 2024 16:44

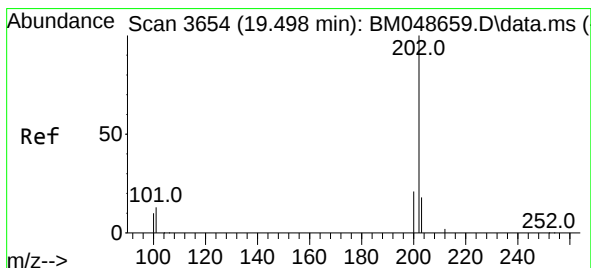
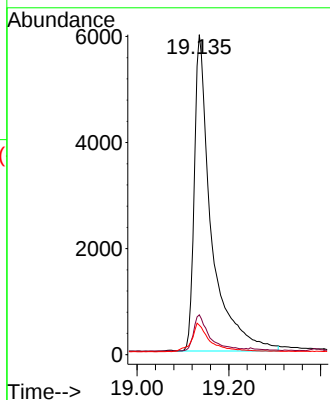
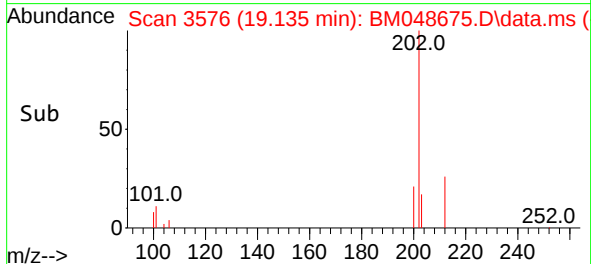
Instrument :
BNA_M
ClientSampleId :
SLCS930



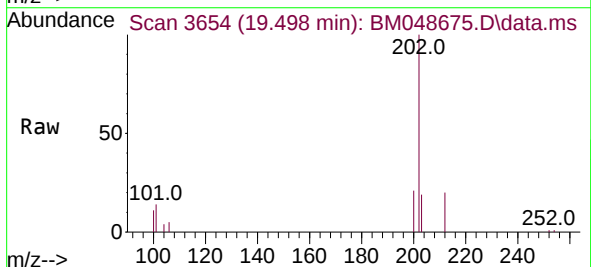
Tgt Ion:202 Resp: 1534
Ion Ratio Lower Upper
202 100
101 12.4 10.2 15.4
100 9.2 7.3 10.9

Manual Integrations
APPROVED

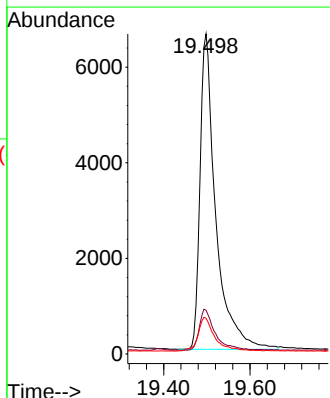
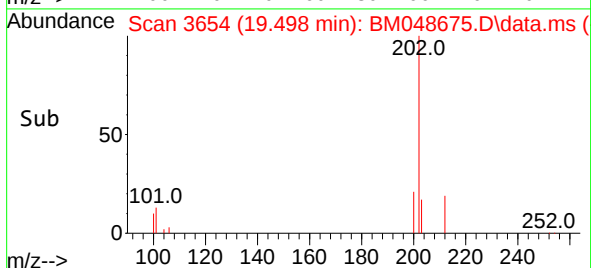
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

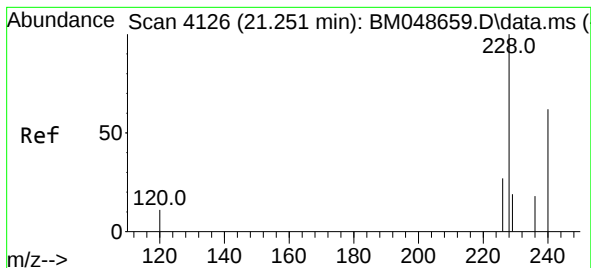


#20
Pyrene
Concen: 0.436 ng/ul
RT: 19.498 min Scan# 3654
Delta R.T. -0.006 min
Lab File: BM048675.D
Acq: 14 Nov 2024 16:44



Tgt Ion:202 Resp: 16742
Ion Ratio Lower Upper
202 100
101 13.7 11.4 17.2
100 11.2 8.5 12.7





#21

Benzo(a)anthracene

Concen: 0.351 ng/u1

RT: 21.254 min Scan# 4126

Delta R.T. 0.000 min

Lab File: BM048675.D

Acq: 14 Nov 2024 16:44

Instrument :

BNA_M

ClientSampleId :

SLCS930

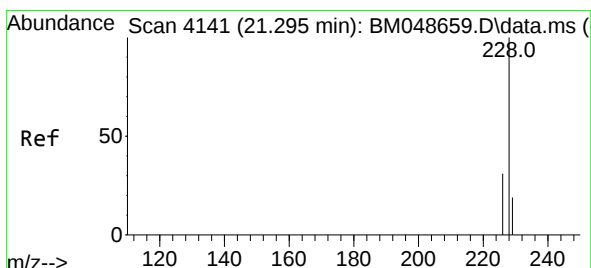
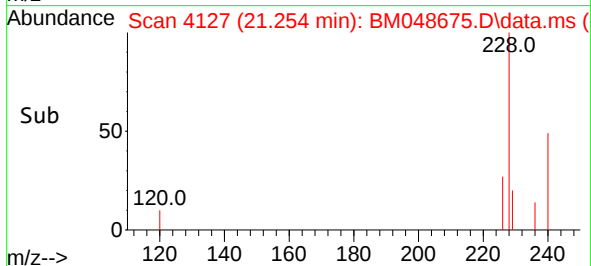
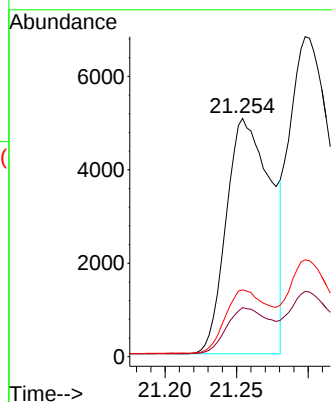
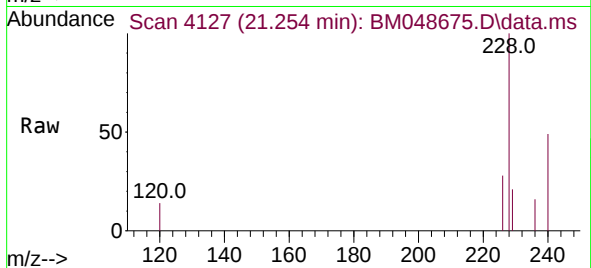
Tgt Ion:228	Resp:	1100
Ion Ratio	Lower	Upper
228	100	
229	20.6	16.2 24.2
226	28.0	22.1 33.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/15/2024

Supervised By :mohammad ahmed 11/15/2024



#22

Chrysene

Concen: 0.483 ng/u1

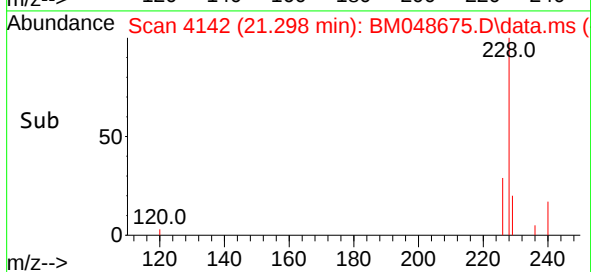
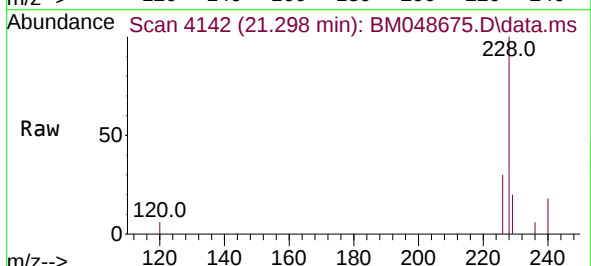
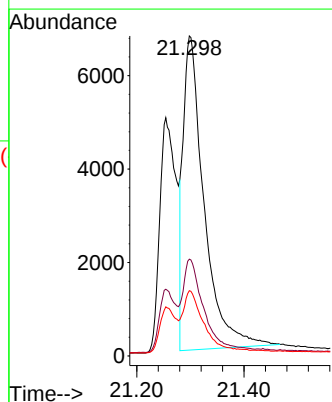
RT: 21.298 min Scan# 4142

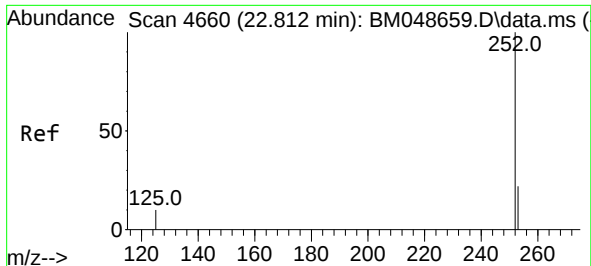
Delta R.T. 0.000 min

Lab File: BM048675.D

Acq: 14 Nov 2024 16:44

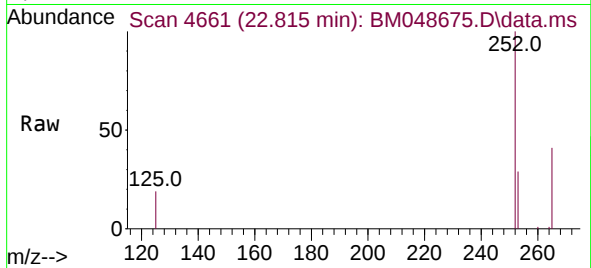
Tgt Ion:228	Resp:	18137
Ion Ratio	Lower	Upper
228	100	
226	30.2	24.4 36.6
229	20.4	16.5 24.7





#24
Benzo(b)fluoranthene
Concen: 0.430 ng/ul
RT: 22.815 min Scan# 4661
Delta R.T. 0.000 min
Lab File: BM048675.D
Acq: 14 Nov 2024 16:44

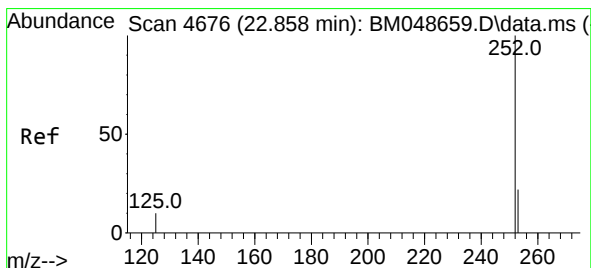
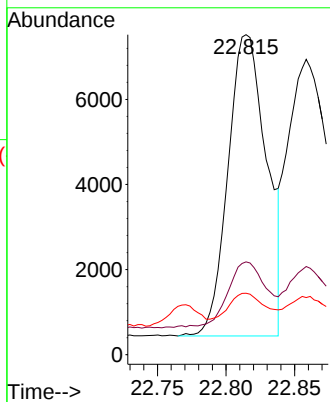
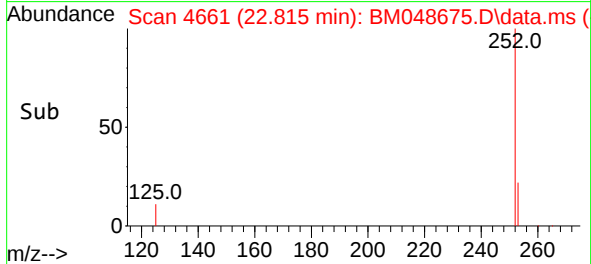
Instrument :
BNA_M
ClientSampleId :
SLCS930



Tgt Ion:252 Resp: 1386
Ion Ratio Lower Upper
252 100
253 29.0 0.0 61.6
125 19.2 0.0 43.2

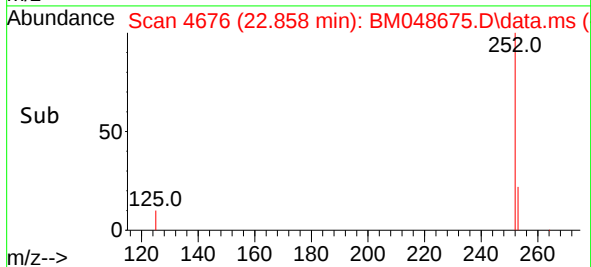
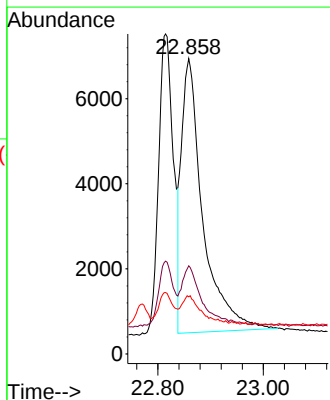
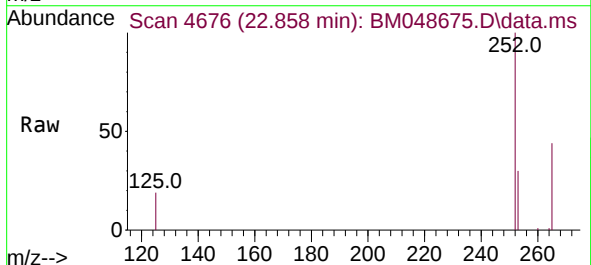
Manual Integrations
APPROVED

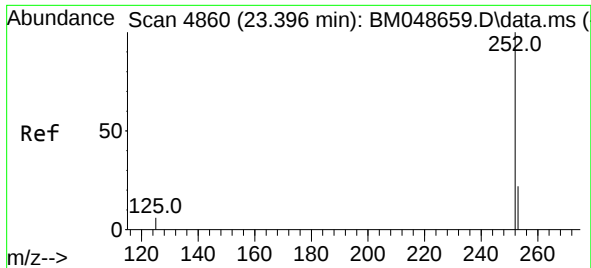
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#25
Benzo(k)fluoranthene
Concen: 0.479 ng/ul
RT: 22.858 min Scan# 4676
Delta R.T. 0.000 min
Lab File: BM048675.D
Acq: 14 Nov 2024 16:44

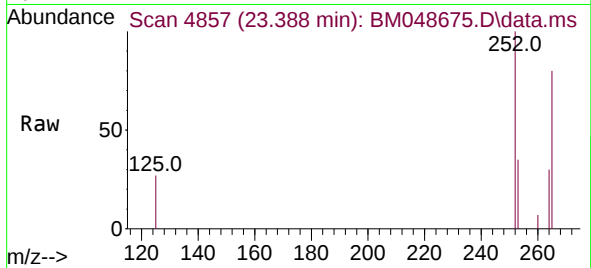
Tgt Ion:252 Resp: 18110
Ion Ratio Lower Upper
252 100
253 29.8 25.0 37.4
125 19.3 17.4 26.0





#26
Benzo(a)pyrene
Concen: 0.430 ng/ul
RT: 23.388 min Scan# 4857
Delta R.T. -0.006 min
Lab File: BM048675.D
Acq: 14 Nov 2024 16:44

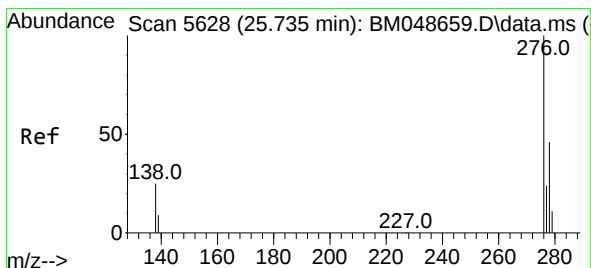
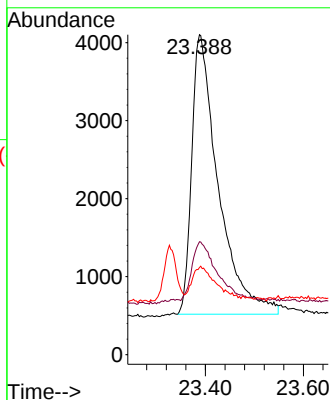
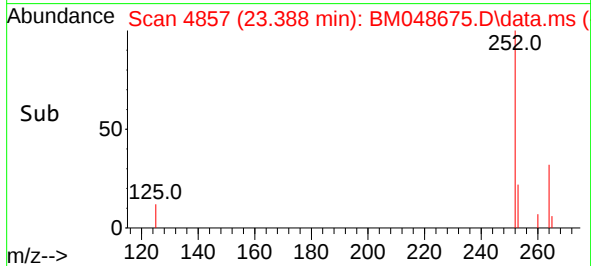
Instrument :
BNA_M
ClientSampleId :
SLCS930



Tgt Ion:252 Resp: 13510
Ion Ratio Lower Upper
252 100
253 35.3 29.6 44.4
125 27.3 23.9 35.9

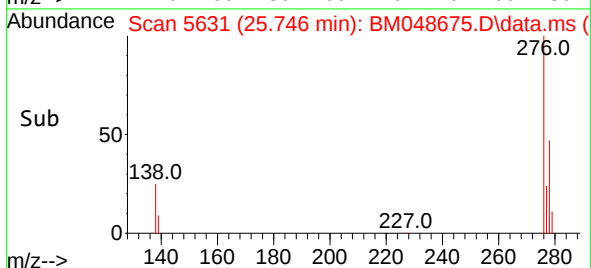
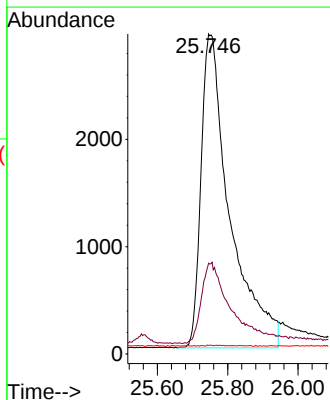
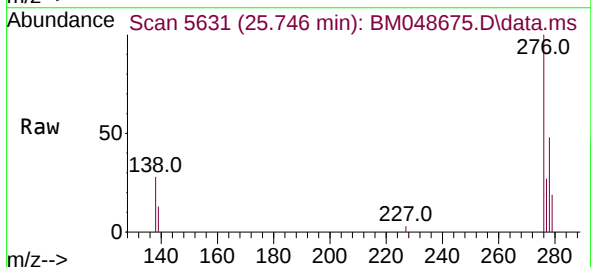
Manual Integrations
APPROVED

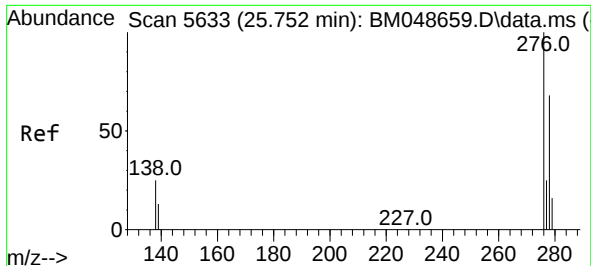
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.378 ng/ul
RT: 25.746 min Scan# 5631
Delta R.T. 0.007 min
Lab File: BM048675.D
Acq: 14 Nov 2024 16:44

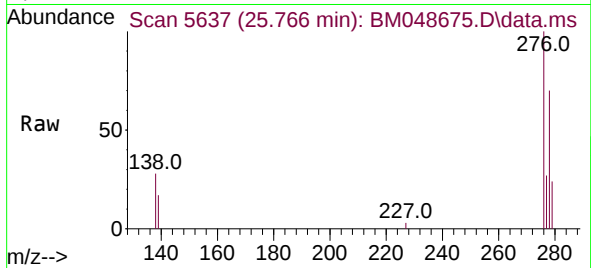
Tgt Ion:276 Resp: 16612
Ion Ratio Lower Upper
276 100
138 26.6 20.1 30.1
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.360 ng/ul
RT: 25.766 min Scan# 5637
Delta R.T. 0.007 min
Lab File: BM048675.D
Acq: 14 Nov 2024 16:44

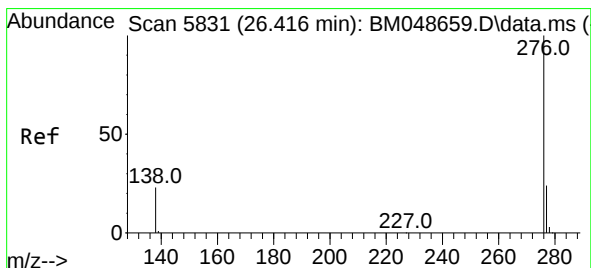
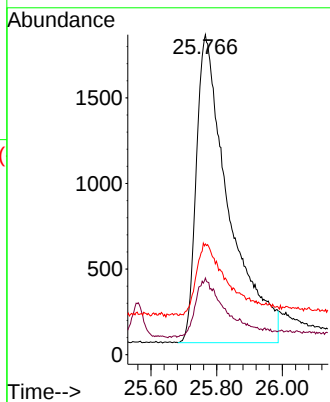
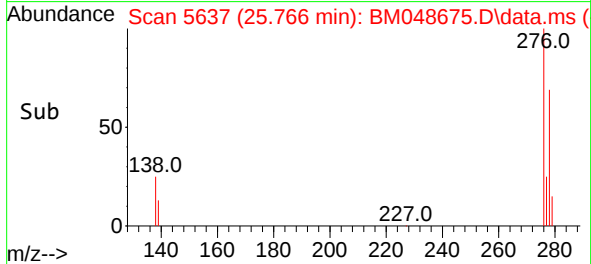
Instrument :
BNA_M
ClientSampleId :
SLCS930



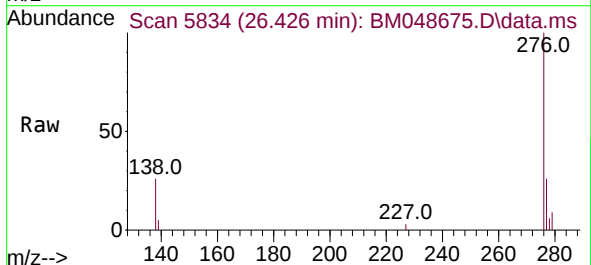
Tgt Ion:278 Resp: 12280
Ion Ratio Lower Upper
278 100
139 24.0 17.8 26.8
279 34.6 26.6 39.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#29
Benzo(g,h,i)perylene
Concen: 0.402 ng/ul
RT: 26.426 min Scan# 5834
Delta R.T. 0.007 min
Lab File: BM048675.D
Acq: 14 Nov 2024 16:44



Tgt Ion:276 Resp: 14824
Ion Ratio Lower Upper
276 100
138 26.4 21.0 31.6
277 26.3 20.5 30.7

