

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111824\
 Data File : BM048784.D
 Acq On : 18 Nov 2024 19:39
 Operator : RC/JU
 Sample : PB165025BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/20/2024

Quant Time: Nov 18 22:23:44 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 : Mon Nov 18 11:56:05 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	2370m	0.400	ng/ul	0.06
4) Naphthalene-d8	10.503	136	7025	0.400	ng/ul #	0.02
9) Acenaphthene-d10	14.309	164	4415	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.079	188	8569	0.400	ng/ul	0.00
17) Chrysene-d12	21.249	240	7579	0.400	ng/ul	0.00
23) Perylene-d12	23.456	264	8805	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	2304	0.806	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.109	152	3149	0.347	ng/ul	0.02
18) Fluoranthene-d10	19.096	212	8002	0.376	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.123	88	6634	2.018	ng/ul#	63
5) Naphthalene	10.558	128	6130	0.348	ng/ul#	88
7) 2-Methylnaphthalene	12.180	142	3197	0.289	ng/ul	93
8) 1-Methylnaphthalene	12.373	142	4265	0.376	ng/ul	99
10) Acenaphthylene	14.036	152	5760	0.344	ng/ul	94
11) Acenaphthene	14.369	153	4838	0.361	ng/ul	97
12) Fluorene	15.405	166	5014	0.344	ng/ul	98
14) Pentachlorophenol	16.745	266	1522	0.484	ng/ul	99
15) Phenanthrene	17.125	178	6880	0.306	ng/ul	95
16) Anthracene	17.244	178	5852	0.279	ng/ul#	93
19) Fluoranthene	19.124	202	9901	0.353	ng/ul#	96
20) Pyrene	19.486	202	10830	0.356	ng/ul	98
21) Benzo(a)anthracene	21.249	228	6378	0.257	ng/ul	97
22) Chrysene	21.287	228	12723	0.427	ng/ul	100
24) Benzo(b)fluoranthene	22.795	252	8582	0.313	ng/ul	96
25) Benzo(k)fluoranthene	22.839	252	12861	0.400	ng/ul	97
26) Benzo(a)pyrene	23.374	252	9532	0.356	ng/ul	90
27) Indeno(1,2,3-cd)pyrene	25.706	276	12595	0.337	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.726	278	9094	0.312	ng/ul#	90
29) Benzo(g,h,i)perylene	26.373	276	11563	0.368	ng/ul	98

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

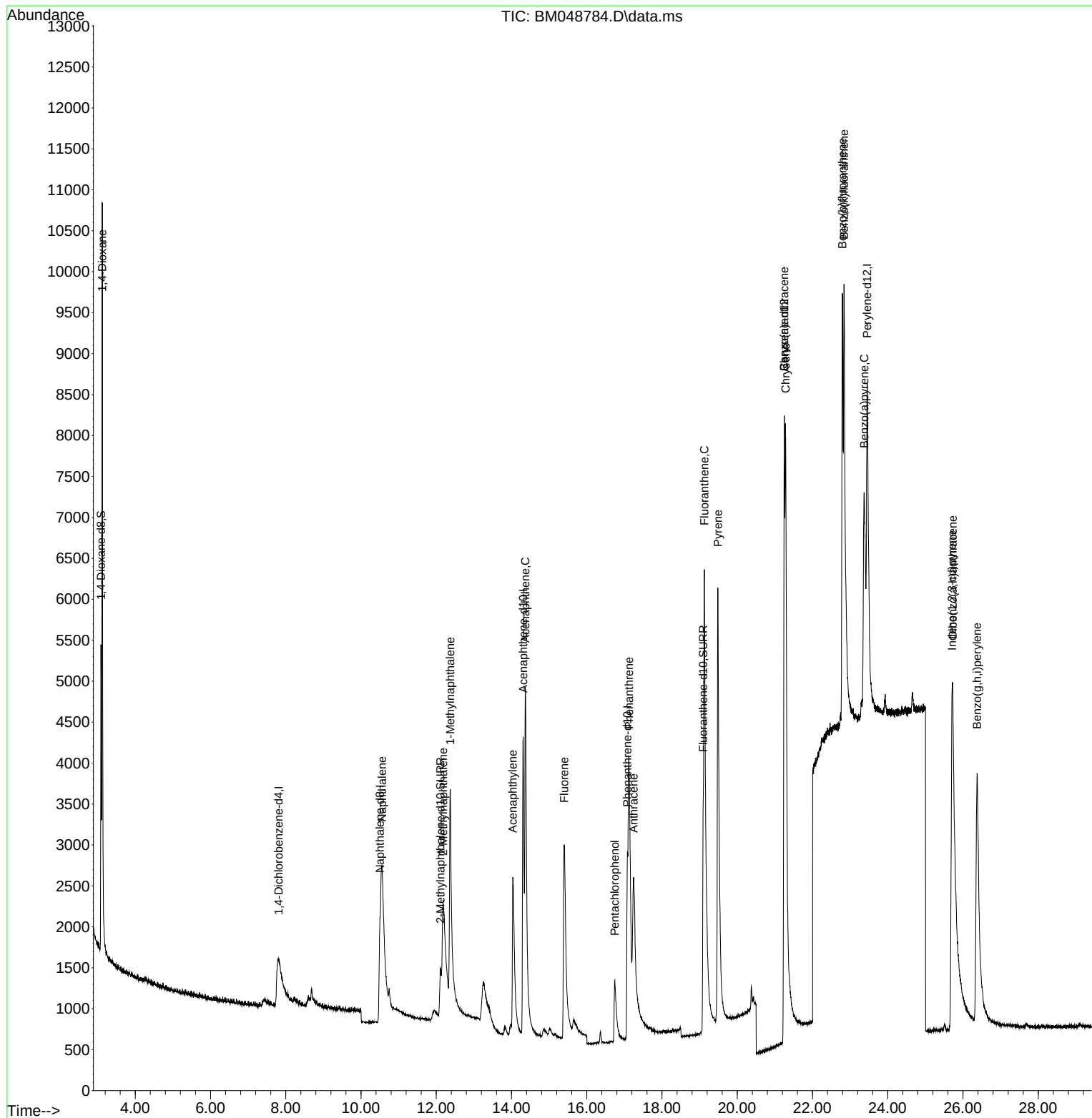
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111824\
Data File : BM048784.D
Acq On : 18 Nov 2024 19:39
Operator : RC/JU
Sample : PB165025BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

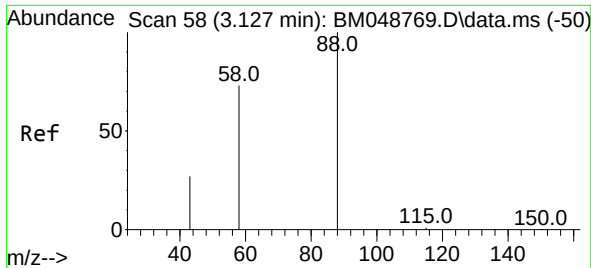
Instrument :
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SLCS025

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Supervised By :mohammad ahmed 11/20/2024

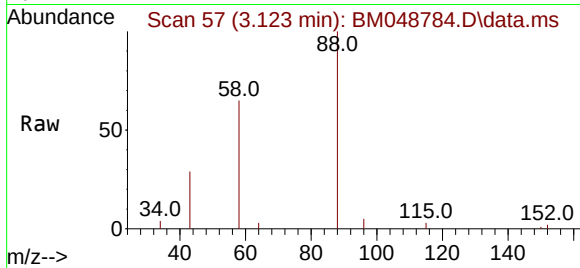
Quant Time: Nov 18 22:23:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 18 11:56:05 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.018 ng/ul
RT: 3.123 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM048784.D
Acq: 18 Nov 2024 19:39

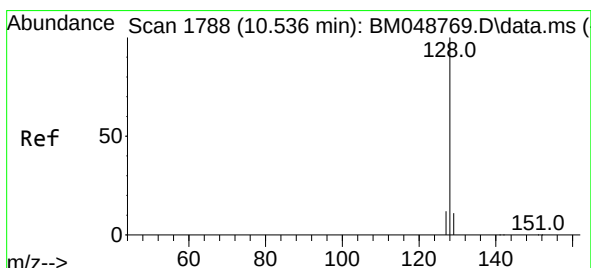
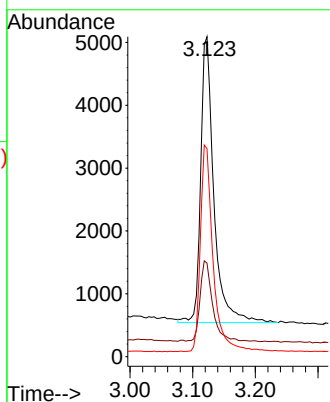
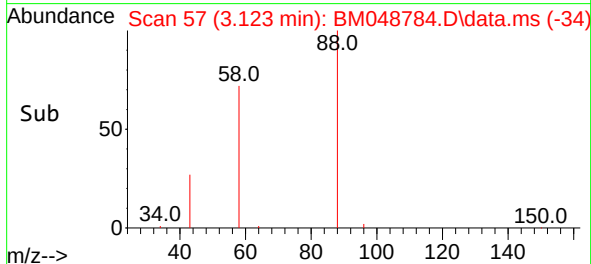
Instrument :
BNA_M
ClientSampleId :
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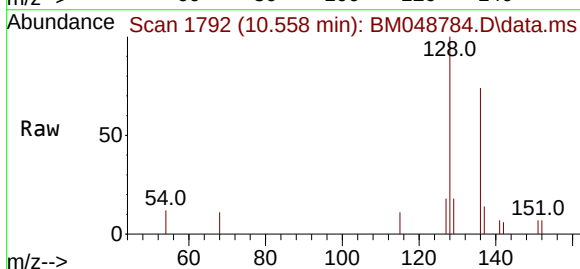
Tgt Ion: 88 Resp: 6634
Ion Ratio Lower Upper
88 100
43 29.2 60.2 90.4#
58 65.0 44.2 66.2

Manual Integrations
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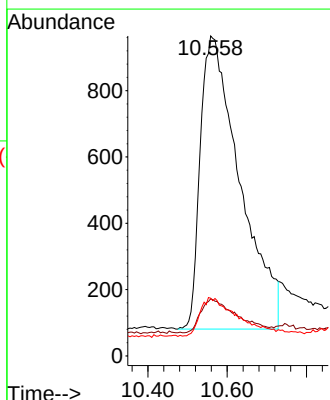
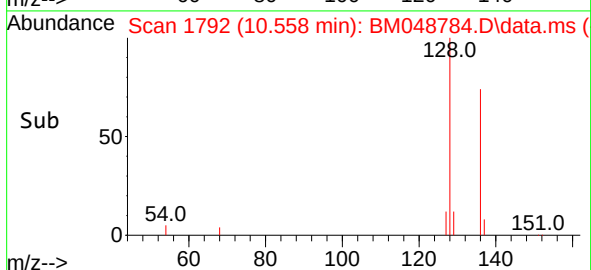
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024

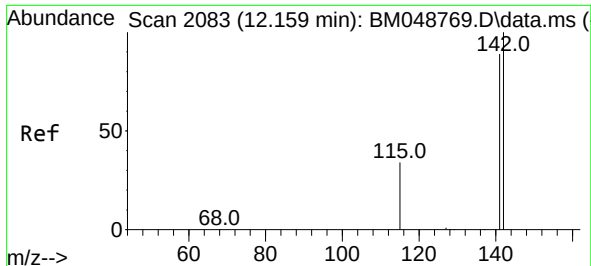


#5
Naphthalene
Concen: 0.348 ng/ul
RT: 10.558 min Scan# 1792
Delta R.T. 0.022 min
Lab File: BM048784.D
Acq: 18 Nov 2024 19:39



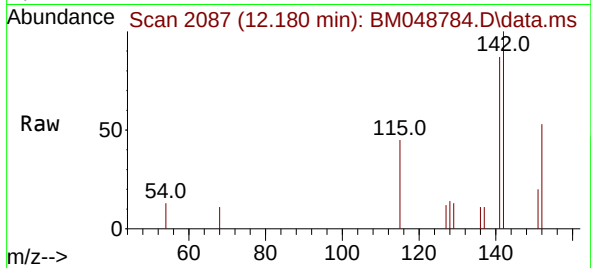
Tgt Ion:128 Resp: 6130
Ion Ratio Lower Upper
128 100
129 17.8 10.0 15.0#
127 18.0 10.9 16.3#





#7
2-Methylnaphthalene
Concen: 0.289 ng/ul
RT: 12.180 min Scan# 2087
Delta R.T. 0.022 min
Lab File: BM048784.D
Acq: 18 Nov 2024 19:39

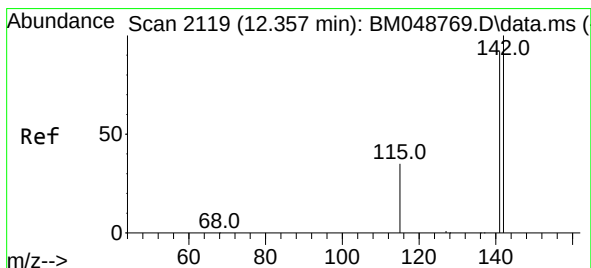
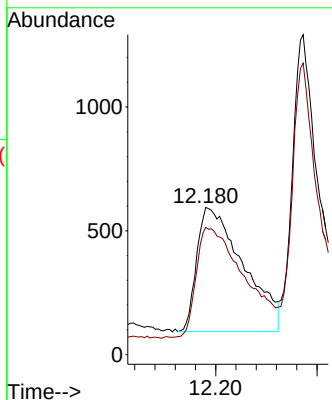
Instrument :
BNA_M
ClientSampleId :
SLCS025



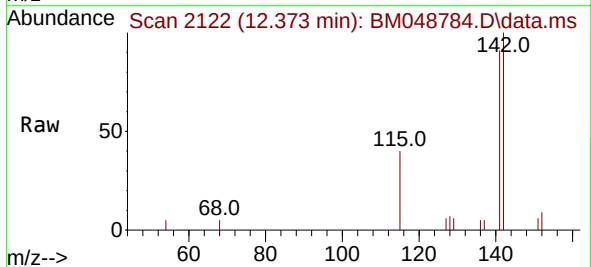
Tgt Ion:142 Resp: 319
Ion Ratio Lower Upper
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141 92.4 68.6 103.0

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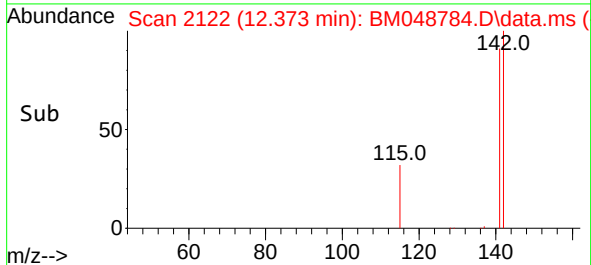
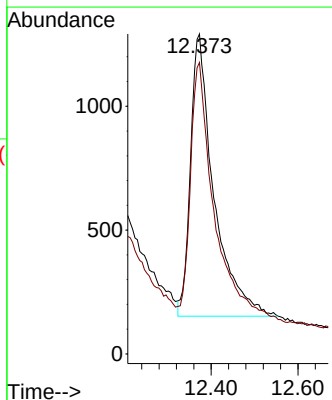
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024

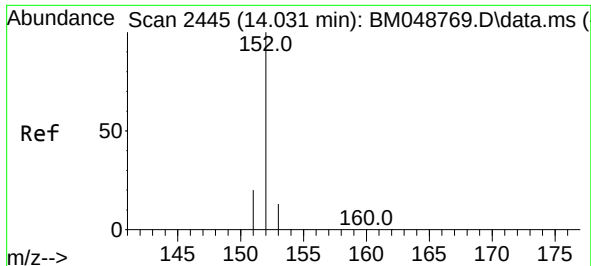


#8
1-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.373 min Scan# 2122
Delta R.T. 0.016 min
Lab File: BM048784.D
Acq: 18 Nov 2024 19:39



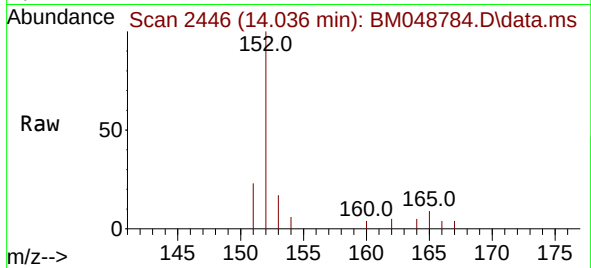
Tgt Ion:142 Resp: 4265
Ion Ratio Lower Upper
142 100
141 91.9 72.8 109.2





#10
Acenaphthylene
Concen: 0.344 ng/ul
RT: 14.036 min Scan# 2445
Delta R.T. 0.004 min
Lab File: BM048784.D
Acq: 18 Nov 2024 19:39

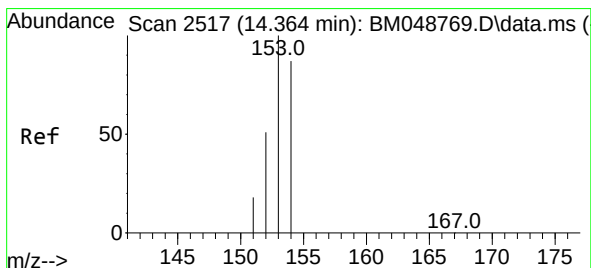
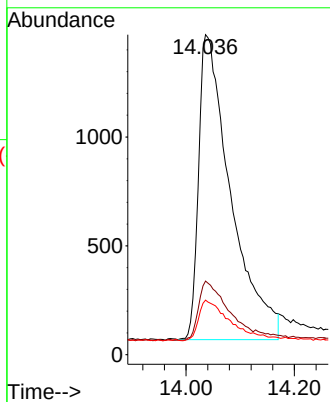
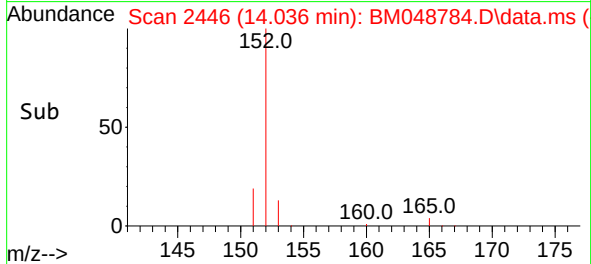
Instrument :
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ClientSampleId :
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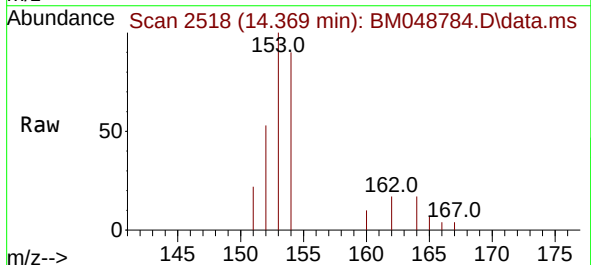
Tgt Ion:152 Resp: 5760
Ion Ratio Lower Upper
152 100
151 23.0 16.5 24.7
153 17.1 11.6 17.4

Manual Integrations
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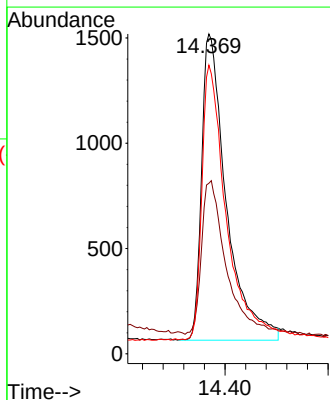
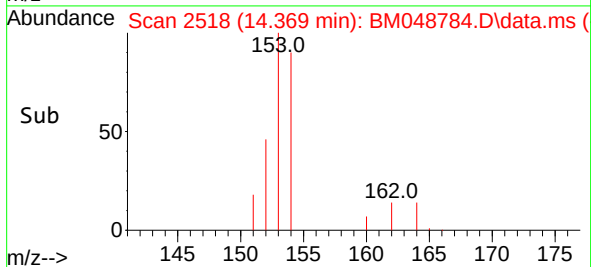
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024

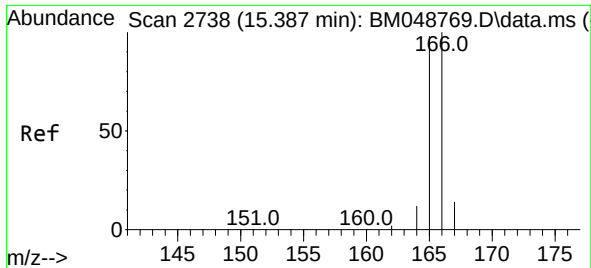


#11
Acenaphthene
Concen: 0.361 ng/ul
RT: 14.369 min Scan# 2518
Delta R.T. 0.004 min
Lab File: BM048784.D
Acq: 18 Nov 2024 19:39



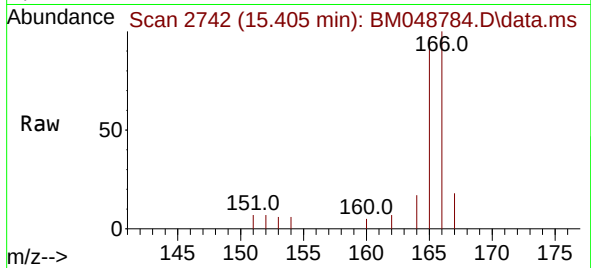
Tgt Ion:153 Resp: 4838
Ion Ratio Lower Upper
153 100
152 53.3 41.1 61.7
154 90.3 70.3 105.5





#12
Fluorene
Concen: 0.344 ng/ul
RT: 15.405 min Scan# 21
Delta R.T. 0.018 min
Lab File: BM048784.D
Acq: 18 Nov 2024 19:39

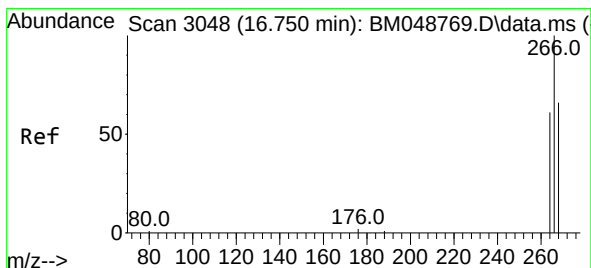
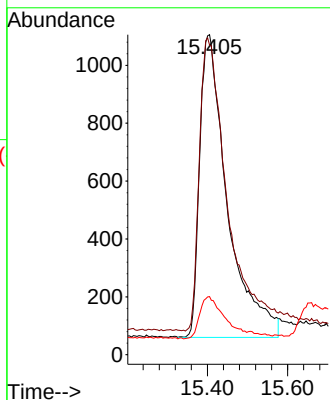
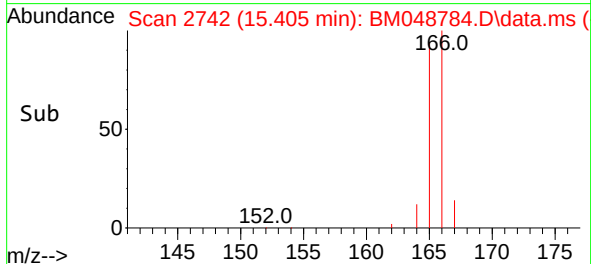
Instrument :
BNA_M
ClientSampleId :
SLCS025



Tgt Ion:166 Resp: 5014
Ion Ratio Lower Upper
166 100
165 96.7 78.7 118.1
167 18.2 12.6 18.8

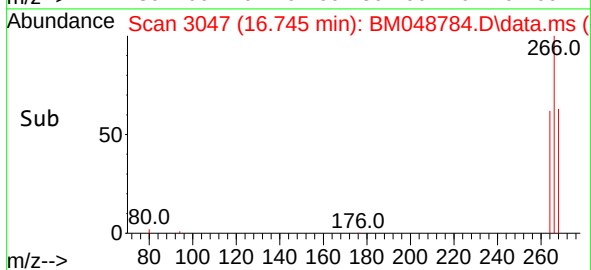
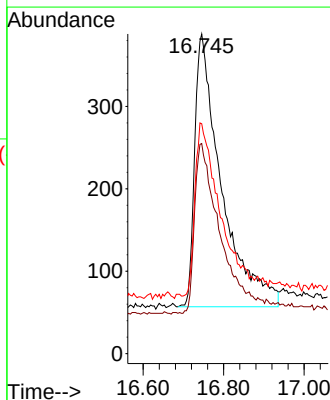
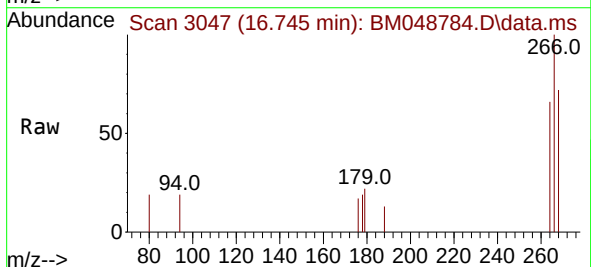
Manual Integrations
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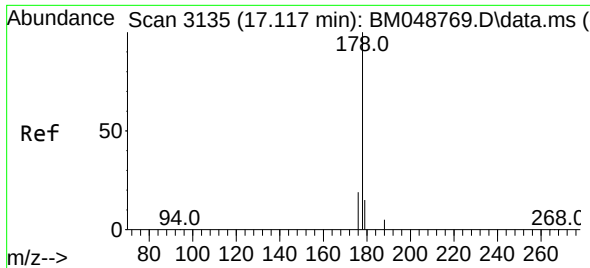
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#14
Pentachlorophenol
Concen: 0.484 ng/ul
RT: 16.745 min Scan# 3047
Delta R.T. -0.004 min
Lab File: BM048784.D
Acq: 18 Nov 2024 19:39

Tgt Ion:266 Resp: 1522
Ion Ratio Lower Upper
266 100
264 61.8 49.6 74.4
268 62.8 49.4 74.0





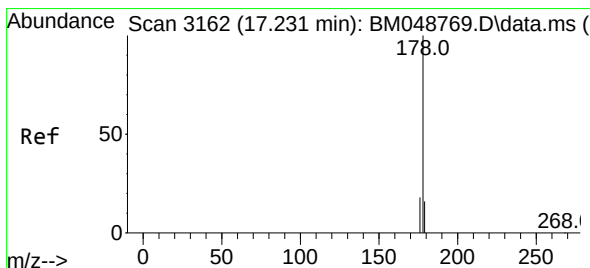
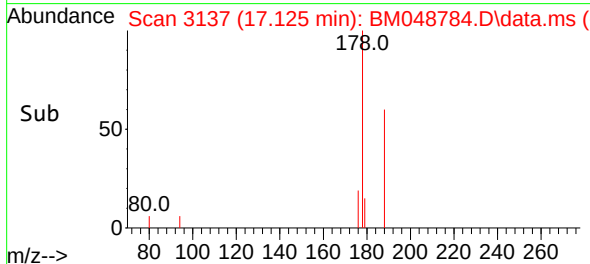
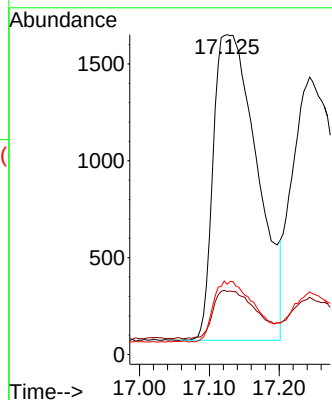
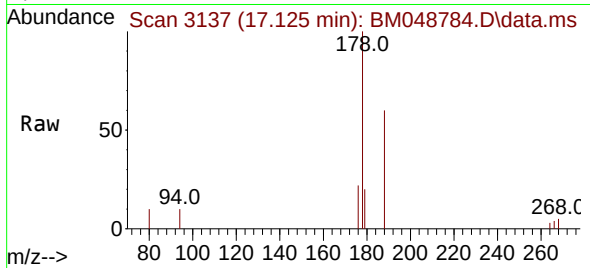
#15
Phenanthrene
Concen: 0.306 ng/u1
RT: 17.125 min Scan# 3135
Delta R.T. 0.008 min
Lab File: BM048784.D
Acq: 18 Nov 2024 19:39

Instrument :
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ClientSampleId :
SLCS025

Tgt Ion:178 Resp: 6880
Ion Ratio Lower Upper
178 100
179 19.7 13.4 20.0
176 22.0 16.2 24.2

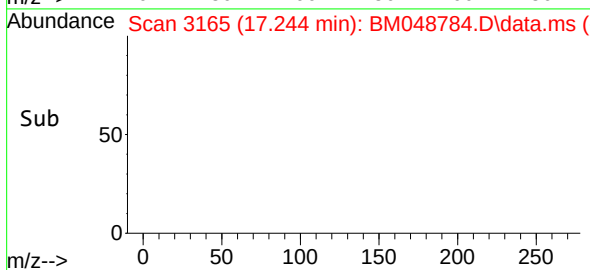
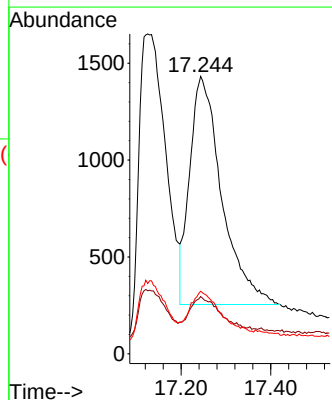
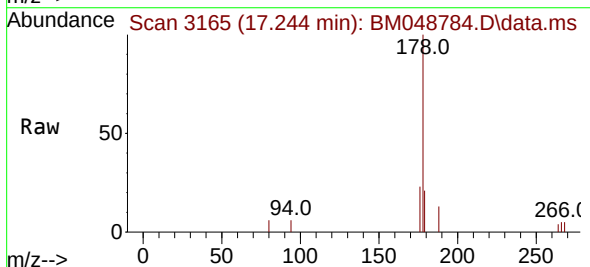
Manual Integrations
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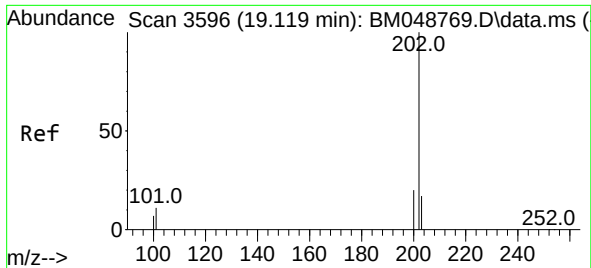
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#16
Anthracene
Concen: 0.279 ng/u1
RT: 17.244 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BM048784.D
Acq: 18 Nov 2024 19:39

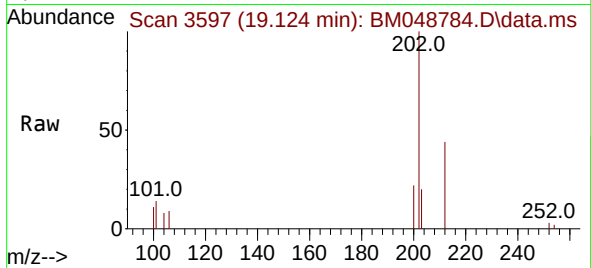
Tgt Ion:178 Resp: 5852
Ion Ratio Lower Upper
178 100
179 20.7 13.7 20.5#
176 22.6 15.9 23.9





#19
Fluoranthene
Concen: 0.353 ng/u1
RT: 19.124 min Scan# 3597
Delta R.T. 0.004 min
Lab File: BM048784.D
Acq: 18 Nov 2024 19:39

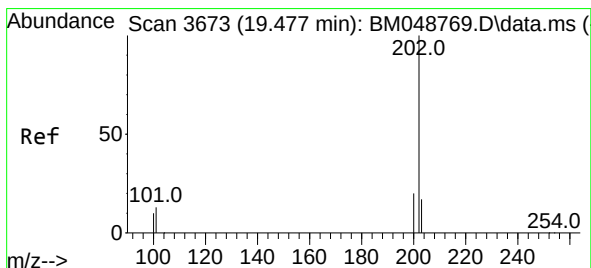
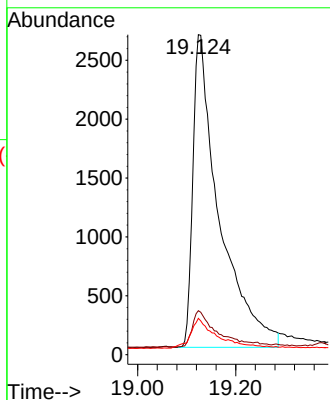
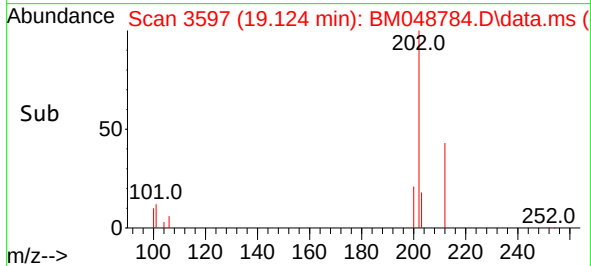
Instrument :
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Tgt Ion:202 Resp: 990
Ion Ratio Lower Upper
202 100
101 13.7 10.2 15.4
100 11.3 7.3 10.9

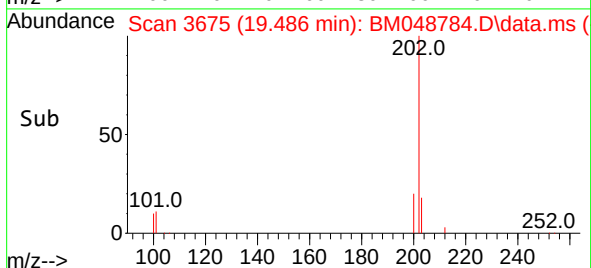
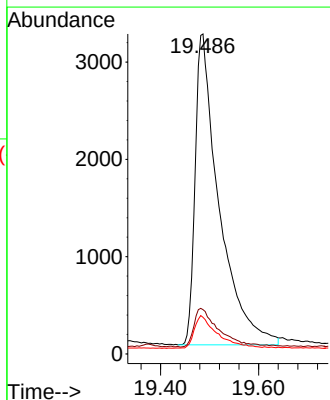
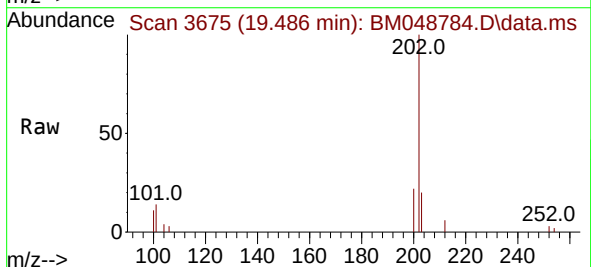
Manual Integrations
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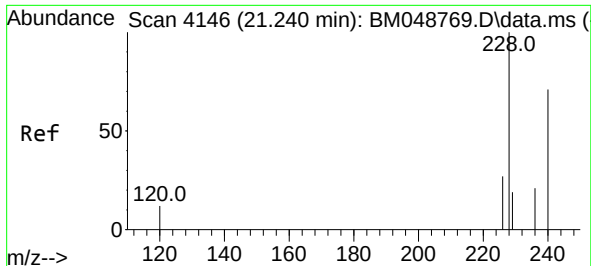
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#20
Pyrene
Concen: 0.356 ng/u1
RT: 19.486 min Scan# 3675
Delta R.T. 0.009 min
Lab File: BM048784.D
Acq: 18 Nov 2024 19:39

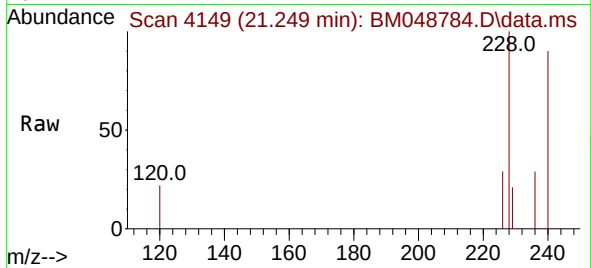
Tgt Ion:202 Resp: 10830
Ion Ratio Lower Upper
202 100
101 13.9 11.4 17.2
100 11.5 8.5 12.7





#21
Benzo(a)anthracene
Concen: 0.257 ng/ul
RT: 21.249 min Scan# 4149
Delta R.T. 0.009 min
Lab File: BM048784.D
Acq: 18 Nov 2024 19:39

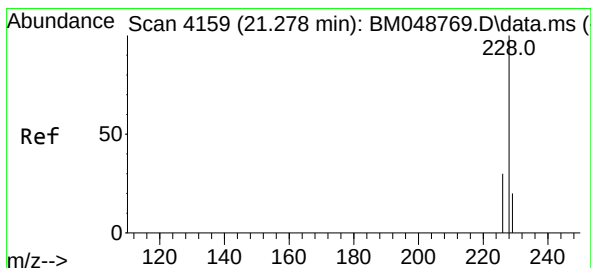
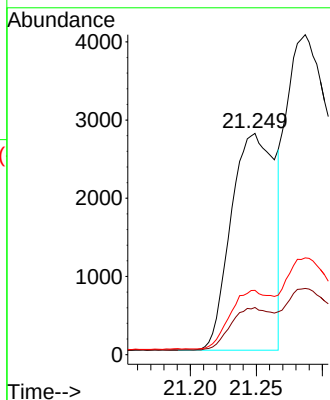
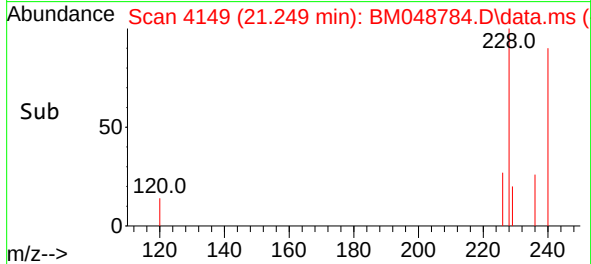
Instrument :
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ClientSampleId :
SLCS025



Tgt Ion:228 Resp: 6378
Ion Ratio Lower Upper
228 100
229 21.3 16.2 24.2
226 29.0 22.1 33.1

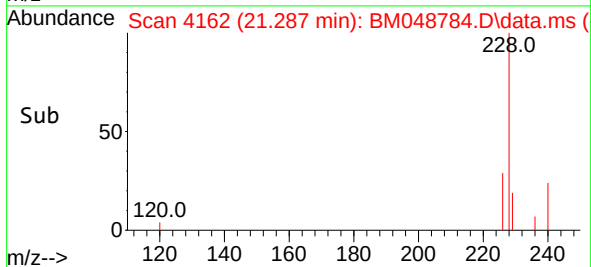
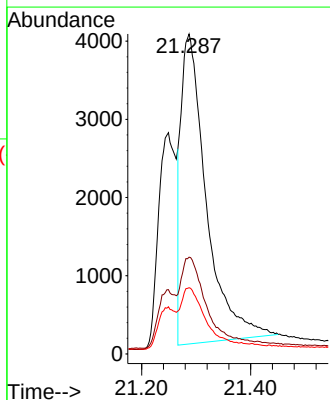
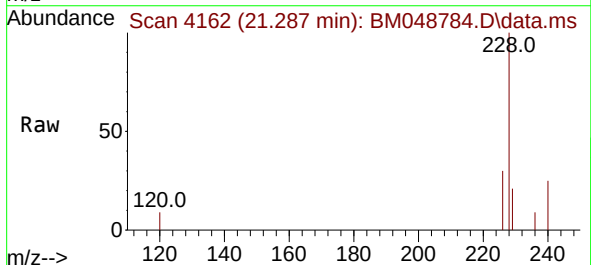
Manual Integrations
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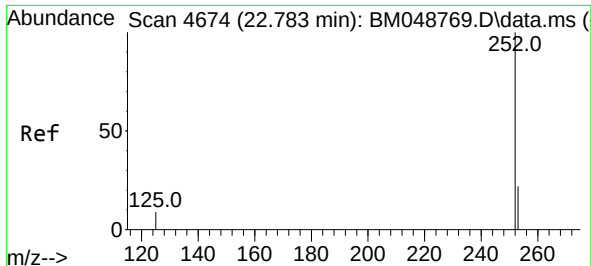
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#22
Chrysene
Concen: 0.427 ng/ul
RT: 21.287 min Scan# 4162
Delta R.T. 0.009 min
Lab File: BM048784.D
Acq: 18 Nov 2024 19:39

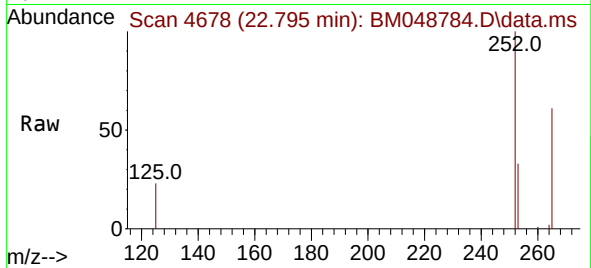
Tgt Ion:228 Resp: 12723
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 20.7 16.5 24.7





#24
Benzo(b)fluoranthene
Concen: 0.313 ng/ul
RT: 22.795 min Scan# 4678
Delta R.T. 0.011 min
Lab File: BM048784.D
Acq: 18 Nov 2024 19:39

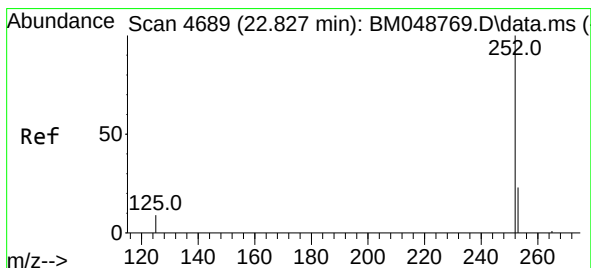
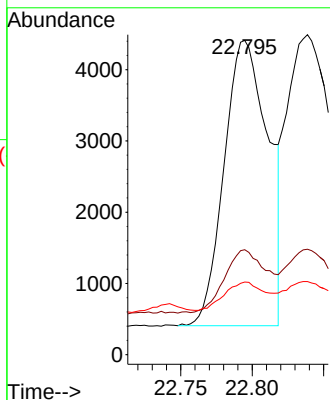
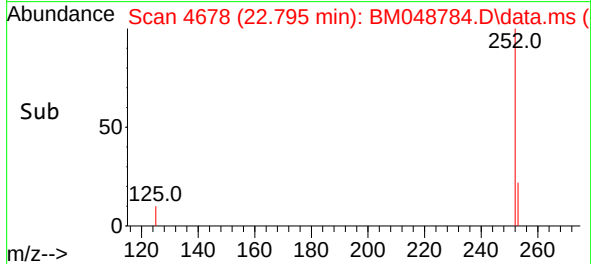
Instrument :
BNA_M
ClientSampleId :
SLCS025



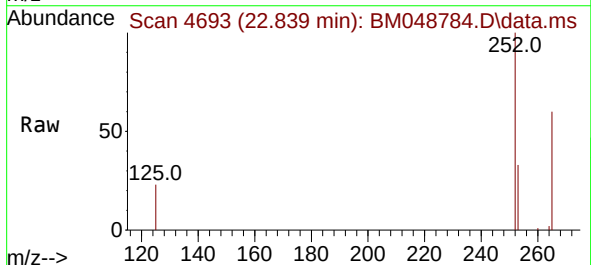
Tgt Ion:252 Resp: 858
Ion Ratio Lower Upper
252 100
253 33.4 0.0 61.6
125 23.1 0.0 43.2

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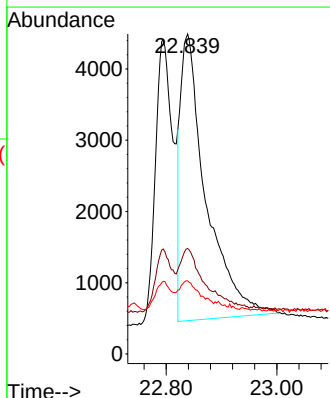
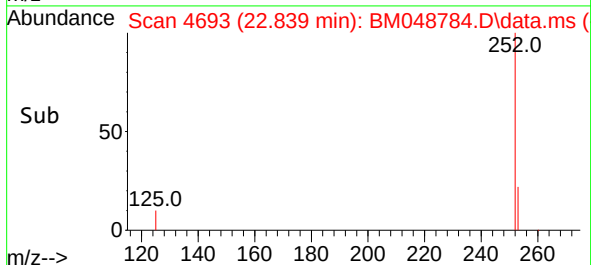
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024

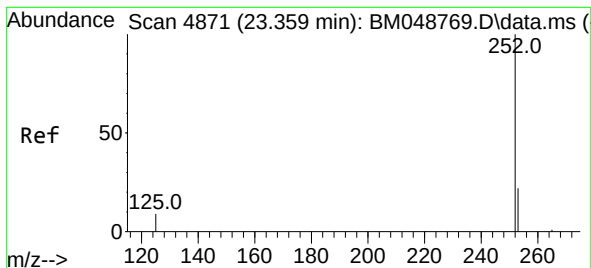


#25
Benzo(k)fluoranthene
Concen: 0.400 ng/ul
RT: 22.839 min Scan# 4693
Delta R.T. 0.011 min
Lab File: BM048784.D
Acq: 18 Nov 2024 19:39



Tgt Ion:252 Resp: 12861
Ion Ratio Lower Upper
252 100
253 33.0 25.0 37.4
125 22.9 17.4 26.0





#26

Benzo(a)pyrene

Concen: 0.356 ng/ul

RT: 23.374 min Scan# 4871

Delta R.T. 0.014 min

Lab File: BM048784.D

Acq: 18 Nov 2024 19:39

Instrument :

BNA_M

ClientSampleId :

SLCS025

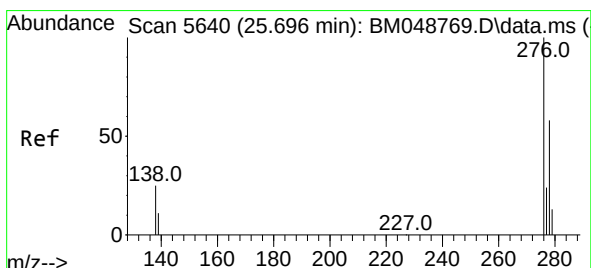
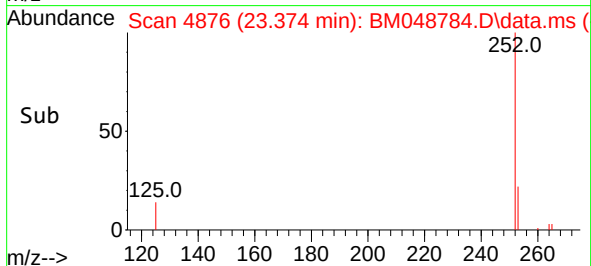
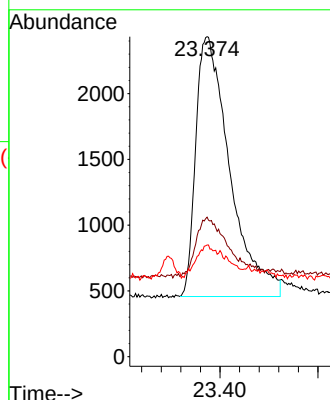
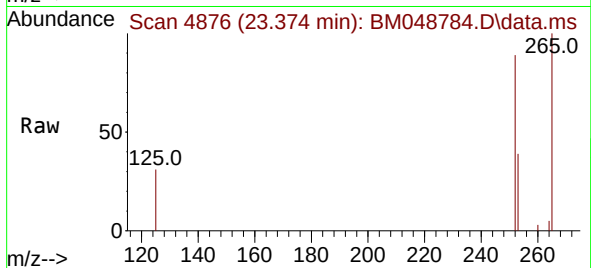
Tgt Ion:	252	Resp:	953
Ion Ratio	Lower	Upper	
252	100		
253	43.6	29.6	44.4
125	34.9	23.9	35.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/20/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.337 ng/ul

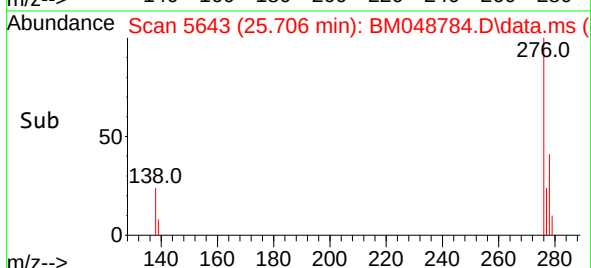
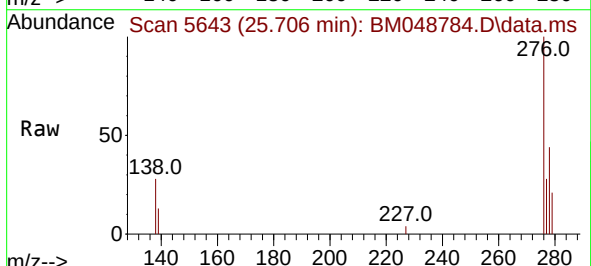
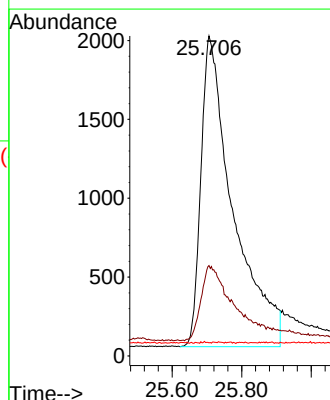
RT: 25.706 min Scan# 5643

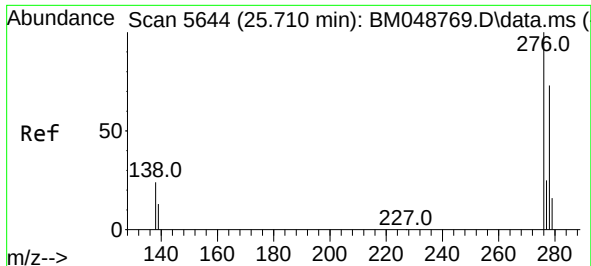
Delta R.T. 0.010 min

Lab File: BM048784.D

Acq: 18 Nov 2024 19:39

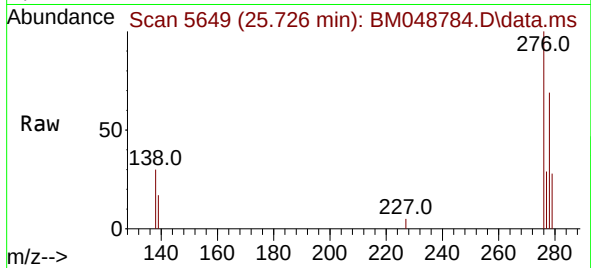
Tgt Ion:	276	Resp:	12595
Ion Ratio	Lower	Upper	
276	100		
138	25.6	20.1	30.1
227	0.0	0.1	0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.312 ng/ul
RT: 25.726 min Scan# 5094
Delta R.T. 0.017 min
Lab File: BM048784.D
Acq: 18 Nov 2024 19:39

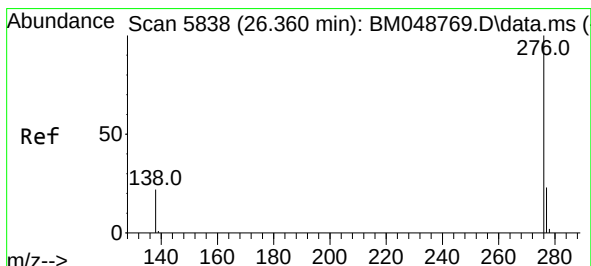
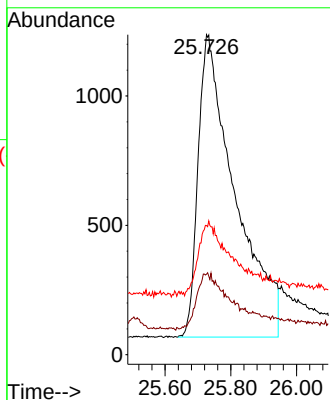
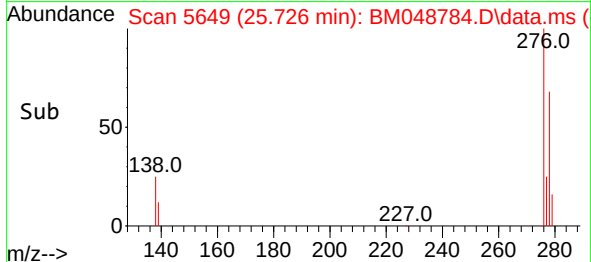
Instrument :
BNA_M
ClientSampleId :
SLCS025



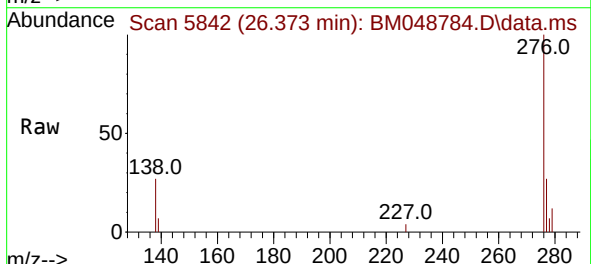
Tgt Ion:278 Resp: 9094
Ion Ratio Lower Upper
278 100
139 25.1 17.8 26.8
279 40.3 26.6 39.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#29
Benzo(g,h,i)perylene
Concen: 0.368 ng/ul
RT: 26.373 min Scan# 5842
Delta R.T. 0.013 min
Lab File: BM048784.D
Acq: 18 Nov 2024 19:39



Tgt Ion:276 Resp: 11563
Ion Ratio Lower Upper
276 100
138 26.7 21.0 31.6
277 27.2 20.5 30.7

