

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111824\
 Data File : BM048773.D
 Acq On : 18 Nov 2024 13:01
 Operator : RC/JU
 Sample : P4829-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E29S4MS

Manual Integrations
 APPROVED

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

Quant Time: Nov 18 13:31:43 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	7.734	152	2741m	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.476	136	7713	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.295	164	4852	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.054	188	8681	0.400	ng/ul	-0.02
17) Chrysene-d12	21.234	240	7962	0.400	ng/ul	0.00
23) Perylene-d12	23.441	264	8831	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	886	0.268	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.081	152	3185	0.319	ng/ul	-0.01
18) Fluoranthene-d10	19.077	212	9290	0.416	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.123	88	2863	0.753	ng/ul#	69
5) Naphthalene	10.525	128	6255	0.324	ng/ul#	91
7) 2-Methylnaphthalene	12.153	142	3540	0.291	ng/ul	95
8) 1-Methylnaphthalene	12.351	142	4267	0.343	ng/ul	99
10) Acenaphthylene	14.022	152	6613	0.359	ng/ul	98
11) Acenaphthene	14.360	153	5238	0.355	ng/ul	99
12) Fluorene	15.368	166	5886	0.368	ng/ul	99
14) Pentachlorophenol	16.720	266	2099	0.659	ng/ul	97
15) Phenanthrene	17.096	178	8699	0.382	ng/ul	98
16) Anthracene	17.206	178	7708	0.363	ng/ul	97
19) Fluoranthene	19.110	202	12040	0.408	ng/ul	98
20) Pyrene	19.468	202	13075	0.409	ng/ul	99
21) Benzo(a)anthracene	21.223	228	8104	0.311	ng/ul	96
22) Chrysene	21.269	228	14499	0.464	ng/ul	99
24) Benzo(b)fluoranthene	22.777	252	11114	0.404	ng/ul	98
25) Benzo(k)fluoranthene	22.824	252	14284	0.443	ng/ul	99
26) Benzo(a)pyrene	23.350	252	10911	0.406	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.679	276	15305	0.408	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.703	278	11285	0.387	ng/ul	95
29) Benzo(g,h,i)perylene	26.353	276	13345	0.424	ng/ul	99

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

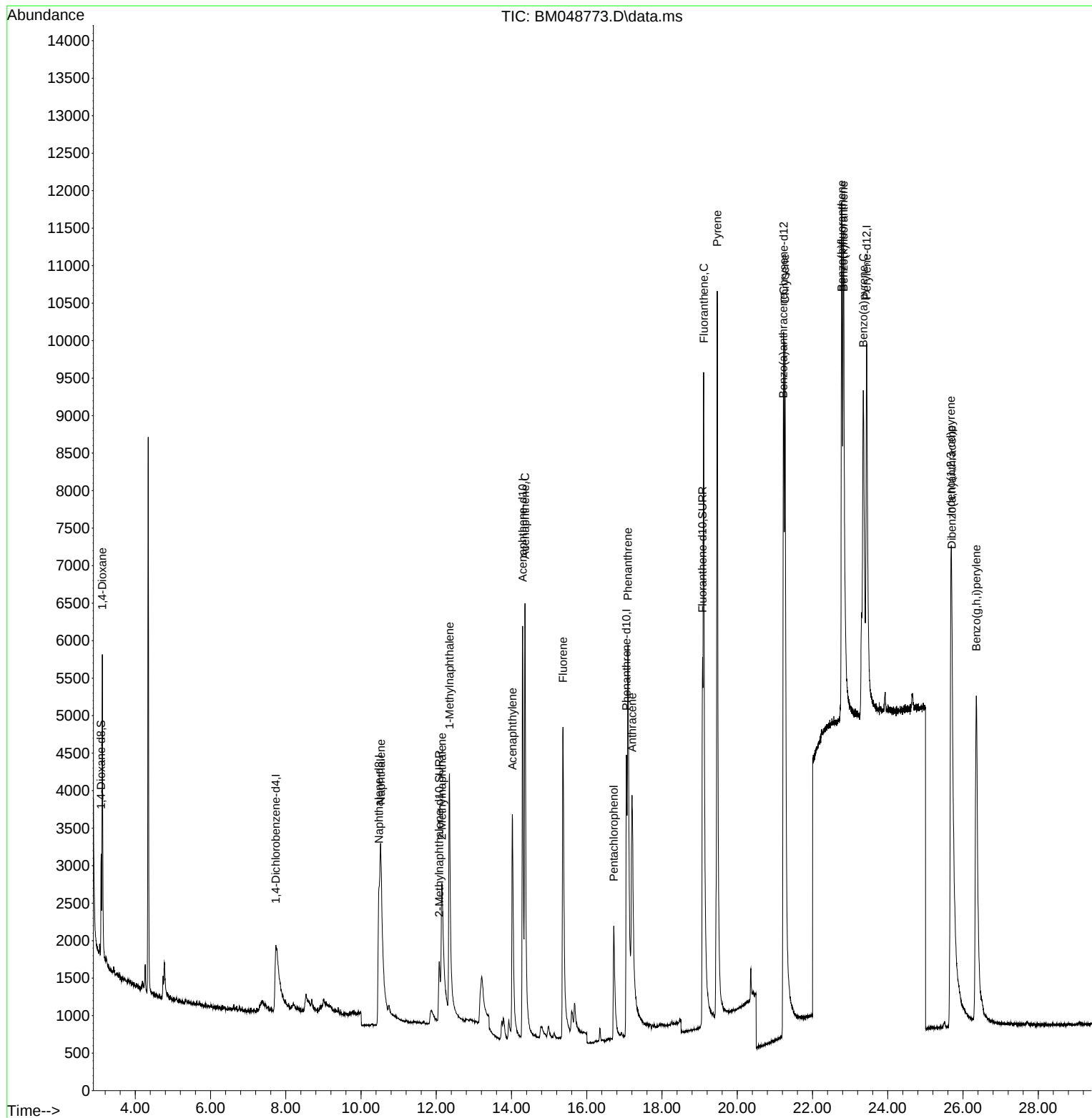
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111824\
Data File : BM048773.D
Acq On : 18 Nov 2024 13:01
Operator : RC/JU
Sample : P4829-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

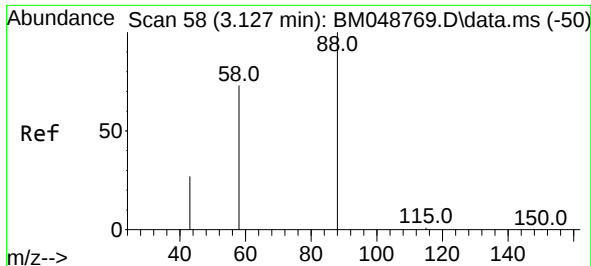
Instrument :
BNA_M
ClientSampleId :
E29S4MS

Manual Integrations
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Supervised By :mohammad ahmed 11/20/2024

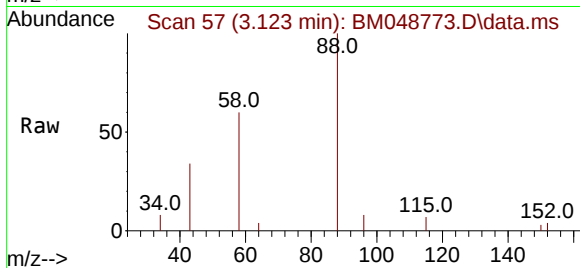
Quant Time: Nov 18 13:31:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 18 11:56:05 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.753 ng/ul
RT: 3.123 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM048773.D
Acq: 18 Nov 2024 13:01

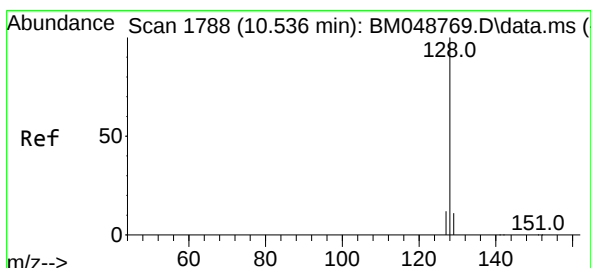
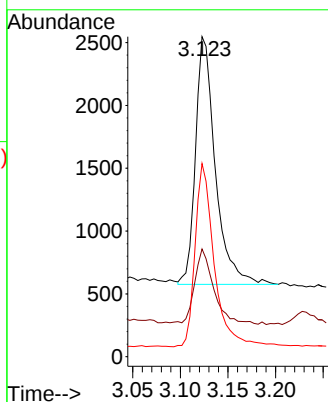
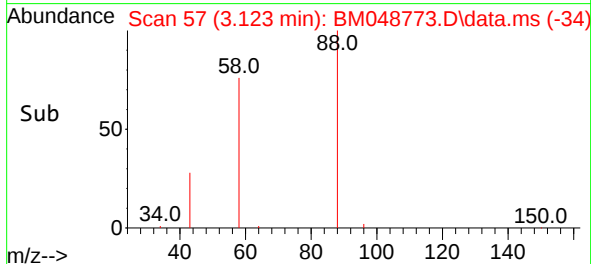
Instrument :
BNA_M
ClientSampleId :
E29S4MS



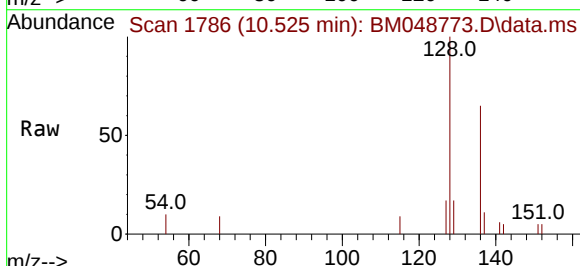
Tgt Ion: 88 Resp: 286
Ion Ratio Lower Upper
88 100
43 33.7 60.2 90.4
58 60.3 44.2 66.2

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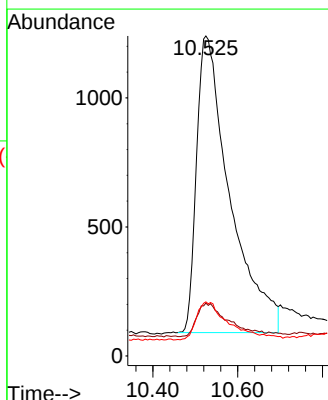
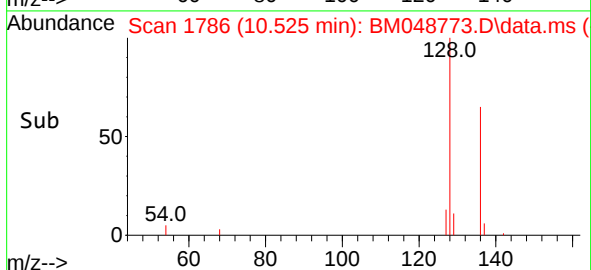
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024

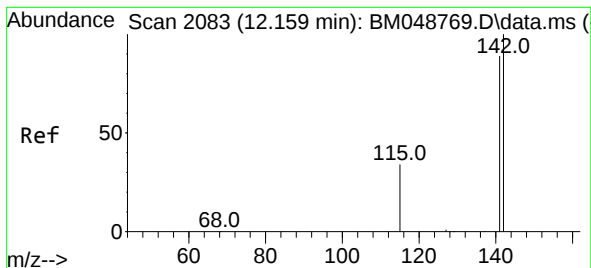


#5
Naphthalene
Concen: 0.324 ng/ul
RT: 10.525 min Scan# 1786
Delta R.T. -0.011 min
Lab File: BM048773.D
Acq: 18 Nov 2024 13:01



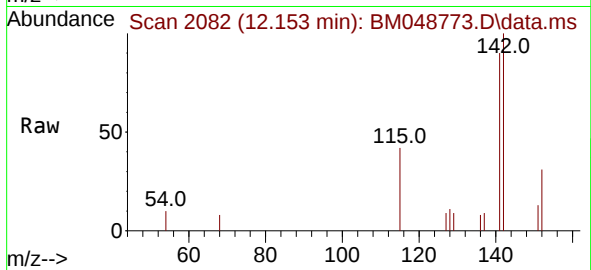
Tgt Ion:128 Resp: 6255
Ion Ratio Lower Upper
128 100
129 16.5 10.0 15.0#
127 16.9 10.9 16.3#





#7
2-Methylnaphthalene
Concen: 0.291 ng/ul
RT: 12.153 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BM048773.D
Acq: 18 Nov 2024 13:01

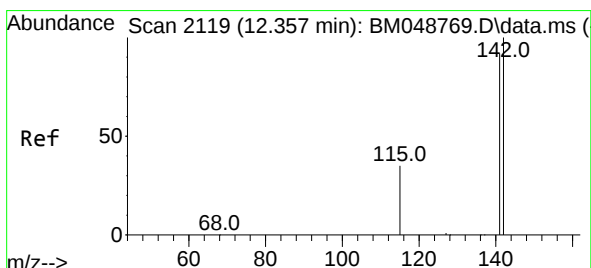
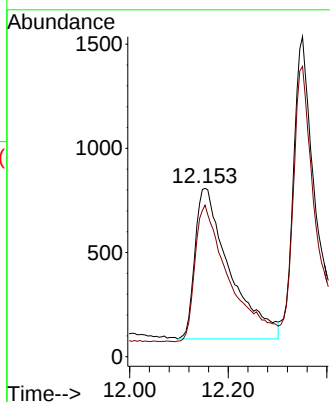
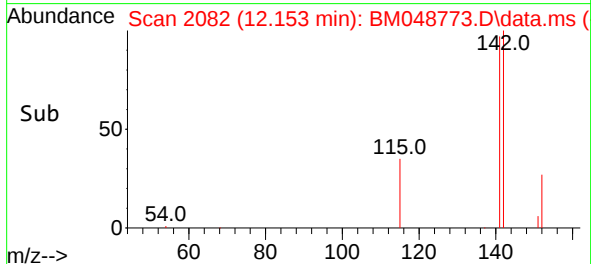
Instrument :
BNA_M
ClientSampleId :
E29S4MS



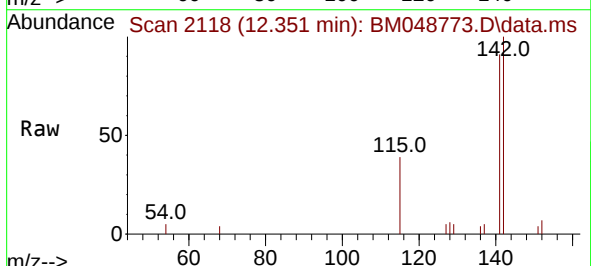
Tgt Ion:142 Resp: 3540
Ion Ratio Lower Upper
142 100
141 90.5 68.6 103.0

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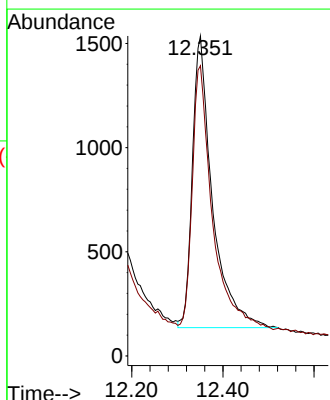
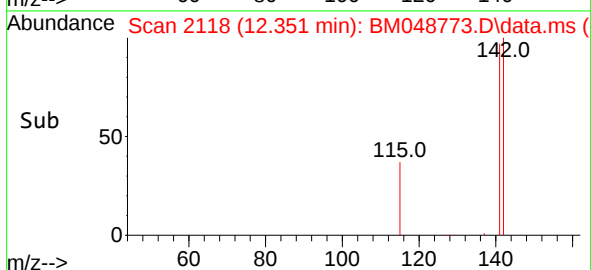
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024

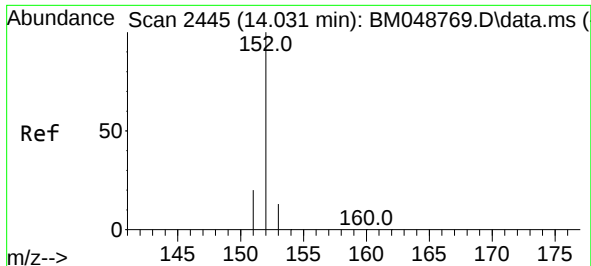


#8
1-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.351 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BM048773.D
Acq: 18 Nov 2024 13:01



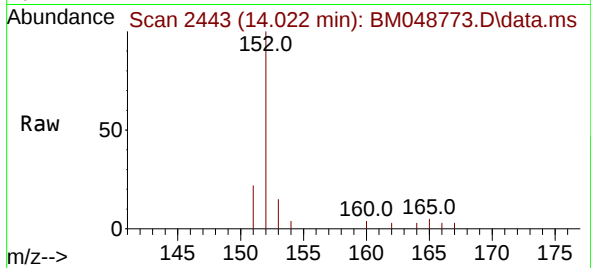
Tgt Ion:142 Resp: 4267
Ion Ratio Lower Upper
142 100
141 91.8 72.8 109.2





#10
Acenaphthylene
Concen: 0.359 ng/ul
RT: 14.022 min Scan# 2443
Delta R.T. -0.010 min
Lab File: BM048773.D
Acq: 18 Nov 2024 13:01

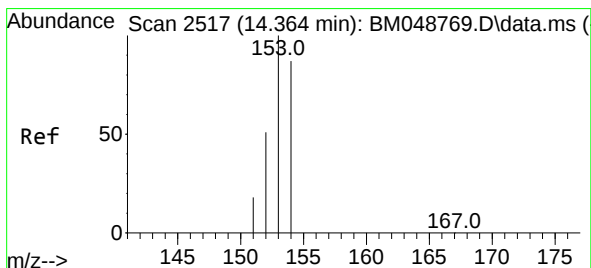
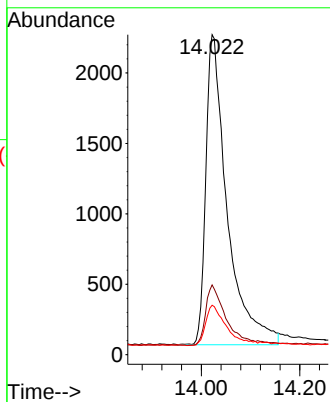
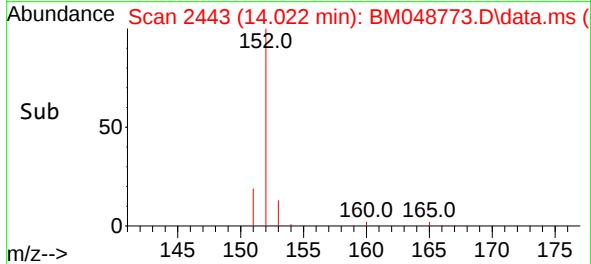
Instrument :
BNA_M
ClientSampleId :
E29S4MS



Tgt Ion:152 Resp: 661
Ion Ratio Lower Upper
152 100
151 21.8 16.5 24.7
153 15.4 11.6 17.4

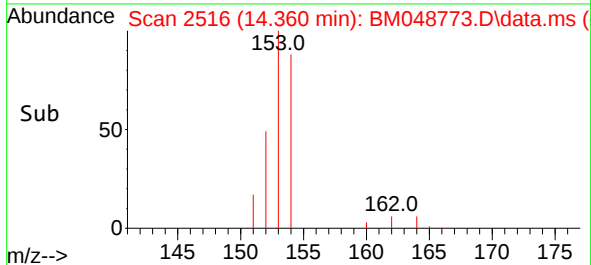
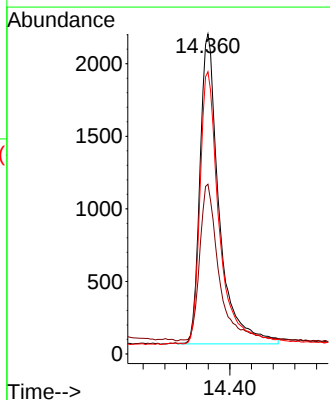
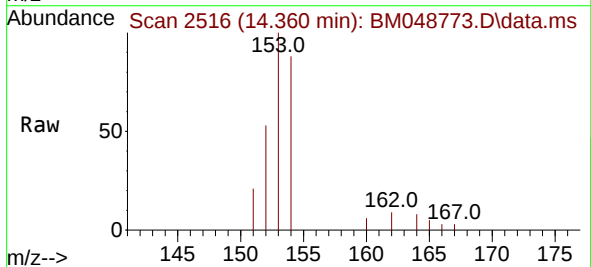
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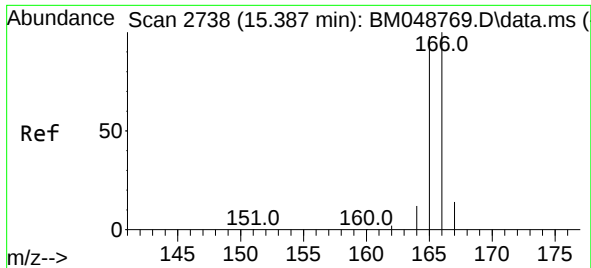
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#11
Acenaphthene
Concen: 0.355 ng/ul
RT: 14.360 min Scan# 2516
Delta R.T. -0.005 min
Lab File: BM048773.D
Acq: 18 Nov 2024 13:01

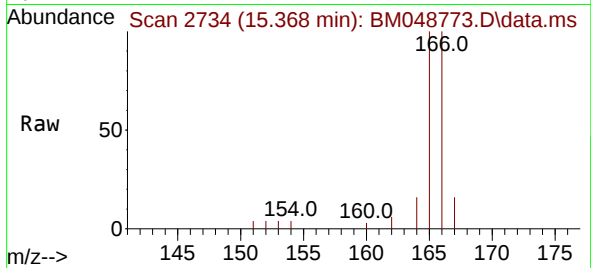
Tgt Ion:153 Resp: 5238
Ion Ratio Lower Upper
153 100
152 53.1 41.1 61.7
154 88.2 70.3 105.5





#12
Fluorene
Concen: 0.368 ng/ul
RT: 15.368 min Scan# 21
Delta R.T. -0.019 min
Lab File: BM048773.D
Acq: 18 Nov 2024 13:01

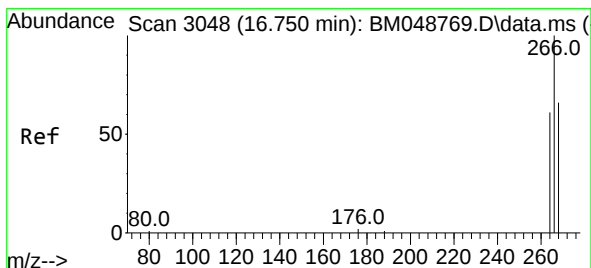
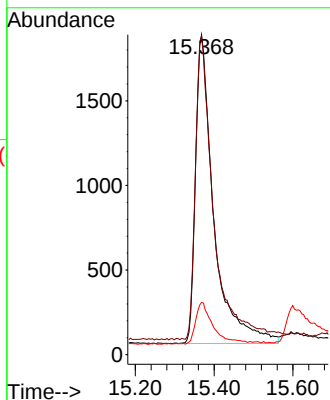
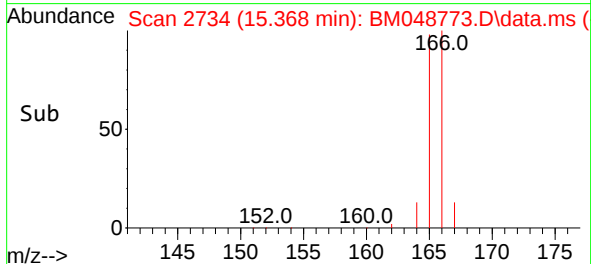
Instrument :
BNA_M
ClientSampleId :
E29S4MS



Tgt Ion:166 Resp: 588
Ion Ratio Lower Upper
166 100
165 99.6 78.7 118.1
167 16.3 12.6 18.8

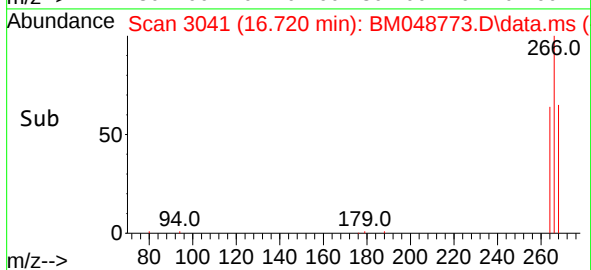
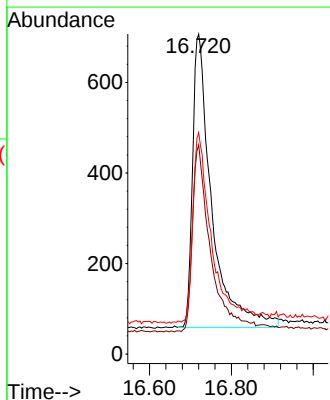
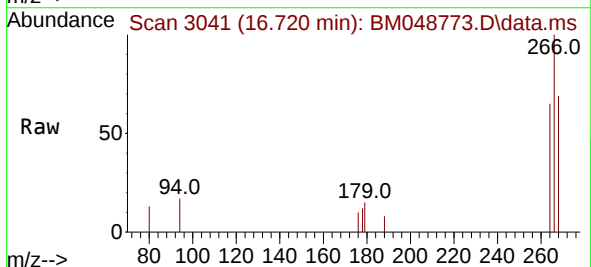
Manual Integrations
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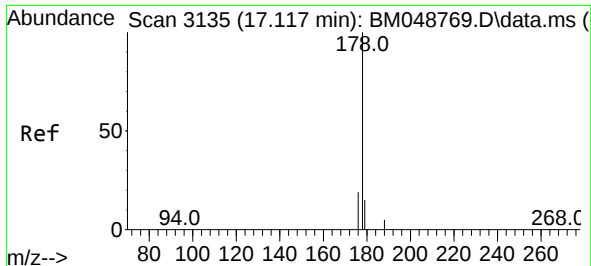
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#14
Pentachlorophenol
Concen: 0.659 ng/ul
RT: 16.720 min Scan# 3041
Delta R.T. -0.030 min
Lab File: BM048773.D
Acq: 18 Nov 2024 13:01

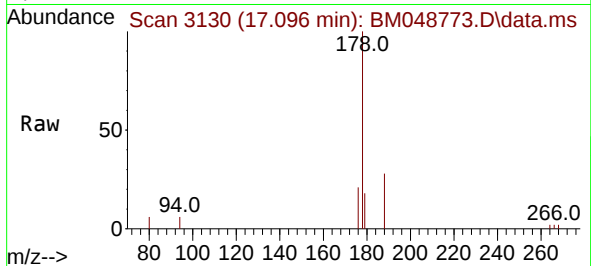
Tgt Ion:266 Resp: 2099
Ion Ratio Lower Upper
266 100
264 62.6 49.6 74.4
268 66.0 49.4 74.0





#15
Phenanthrene
Concen: 0.382 ng/u1
RT: 17.096 min Scan# 3130
Delta R.T. -0.021 min
Lab File: BM048773.D
Acq: 18 Nov 2024 13:01

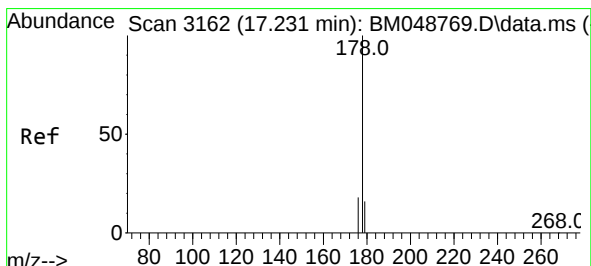
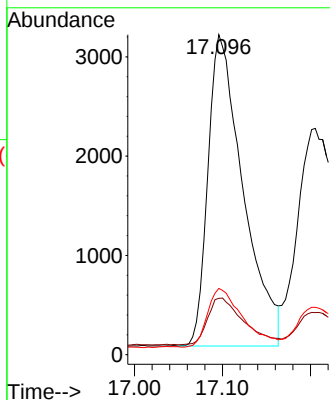
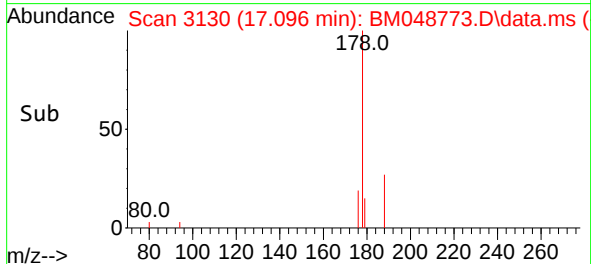
Instrument :
BNA_M
ClientSampleId :
E29S4MS



Tgt Ion:178 Resp: 869
Ion Ratio Lower Upper
178 100
179 17.6 13.4 20.0
176 20.7 16.2 24.2

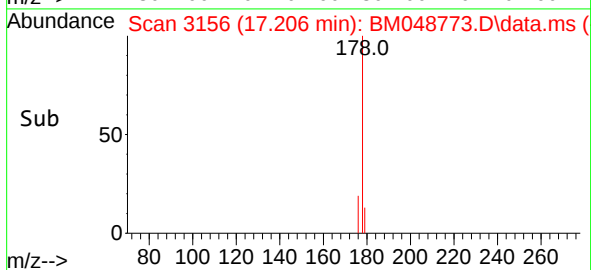
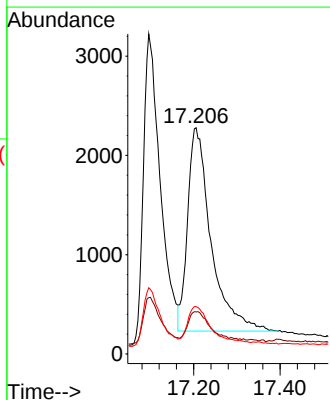
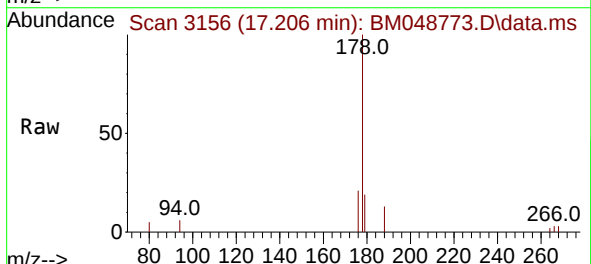
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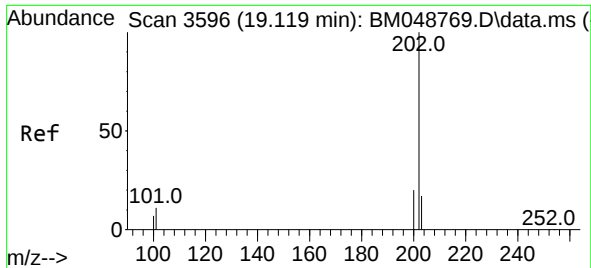
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#16
Anthracene
Concen: 0.363 ng/u1
RT: 17.206 min Scan# 3156
Delta R.T. -0.026 min
Lab File: BM048773.D
Acq: 18 Nov 2024 13:01

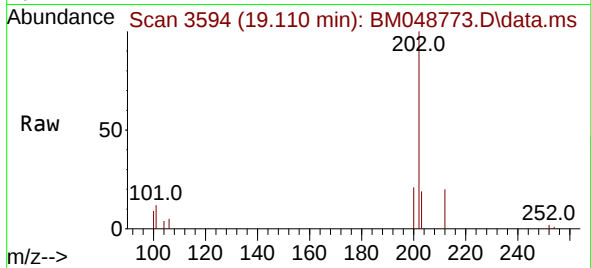
Tgt Ion:178 Resp: 7708
Ion Ratio Lower Upper
178 100
179 18.6 13.7 20.5
176 20.9 15.9 23.9





#19
Fluoranthene
Concen: 0.408 ng/u1
RT: 19.110 min Scan# 3594
Delta R.T. -0.010 min
Lab File: BM048773.D
Acq: 18 Nov 2024 13:01

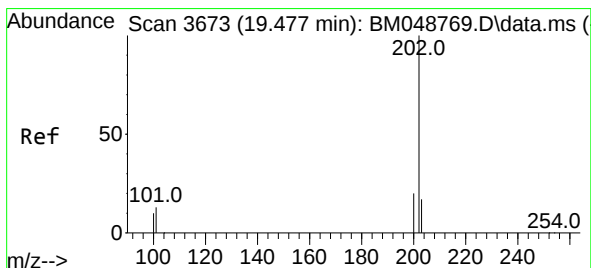
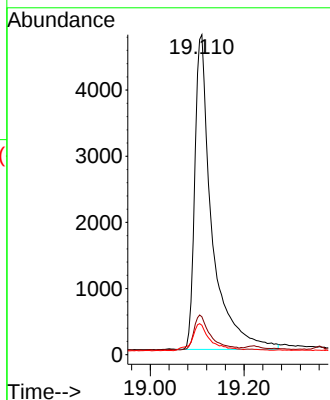
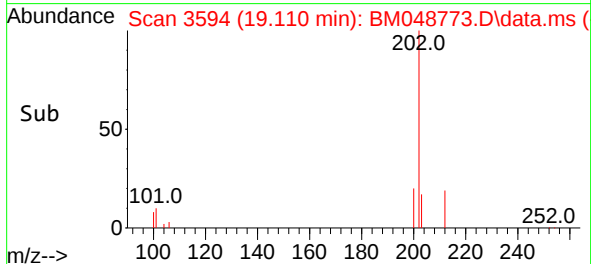
Instrument :
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E29S4MS



Tgt Ion:202 Resp: 12040
Ion Ratio Lower Upper
202 100
101 11.9 10.2 15.4
100 9.2 7.3 10.9

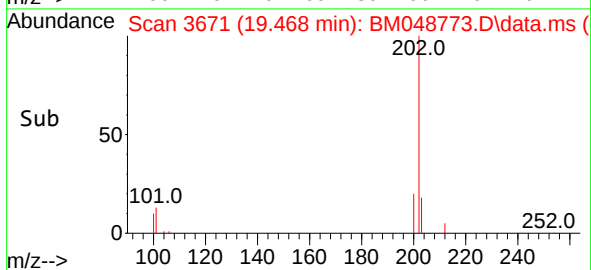
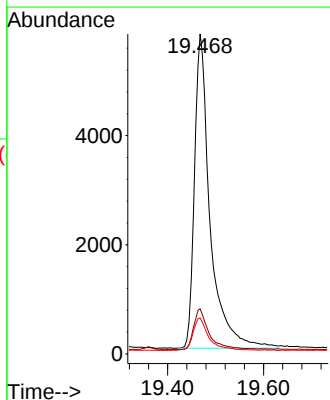
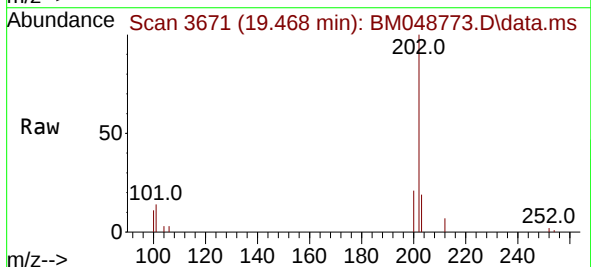
Manual Integrations
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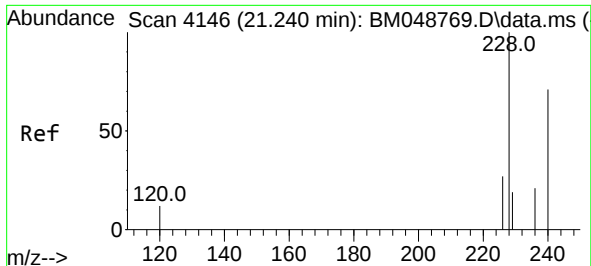
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#20
Pyrene
Concen: 0.409 ng/u1
RT: 19.468 min Scan# 3671
Delta R.T. -0.010 min
Lab File: BM048773.D
Acq: 18 Nov 2024 13:01

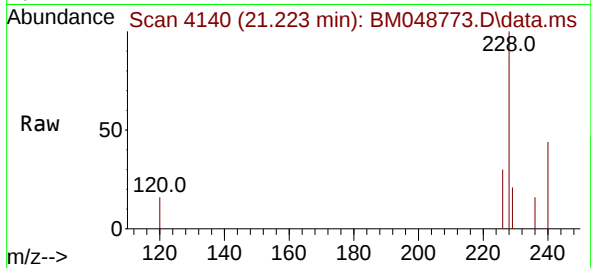
Tgt Ion:202 Resp: 13075
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.2
100 11.2 8.5 12.7





#21
Benzo(a)anthracene
Concen: 0.311 ng/ul
RT: 21.223 min Scan# 4146
Delta R.T. -0.018 min
Lab File: BM048773.D
Acq: 18 Nov 2024 13:01

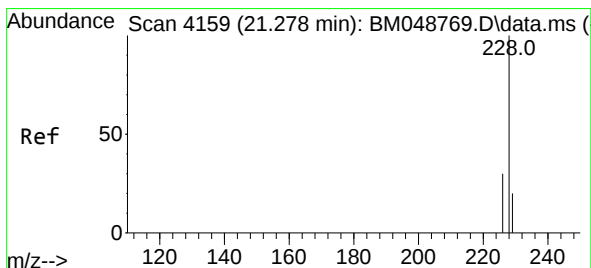
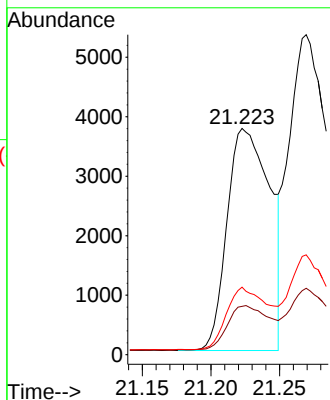
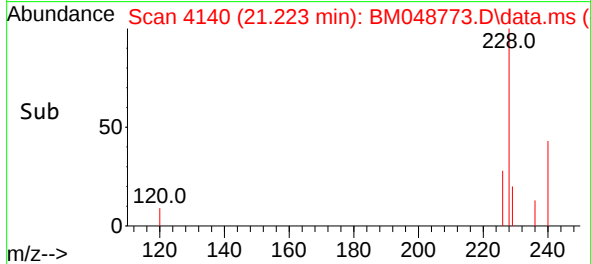
Instrument :
BNA_M
ClientSampleId :
E29S4MS



Tgt Ion:228 Resp: 8104
Ion Ratio Lower Upper
228 100
229 21.4 16.2 24.2
226 29.8 22.1 33.1

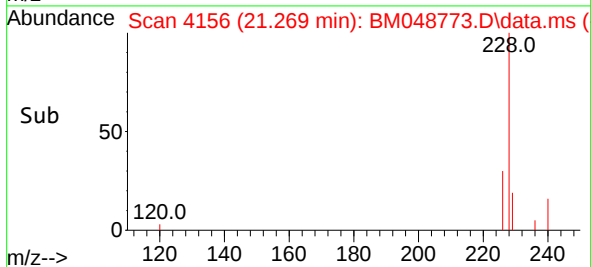
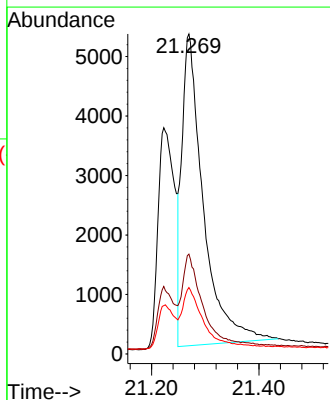
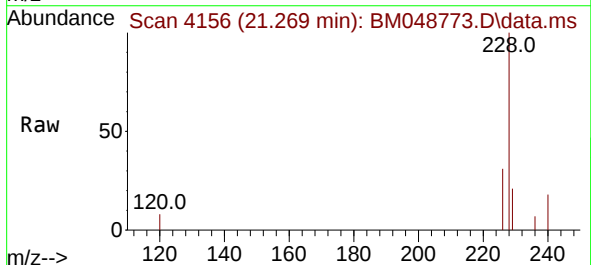
Manual Integrations
APPROVED

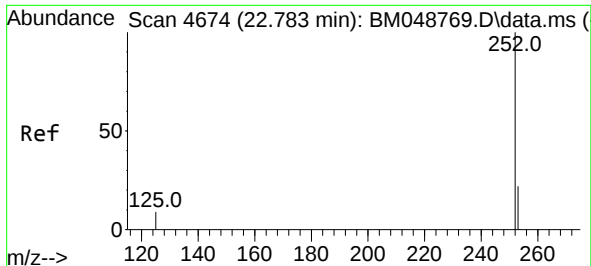
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#22
Chrysene
Concen: 0.464 ng/ul
RT: 21.269 min Scan# 4156
Delta R.T. -0.009 min
Lab File: BM048773.D
Acq: 18 Nov 2024 13:01

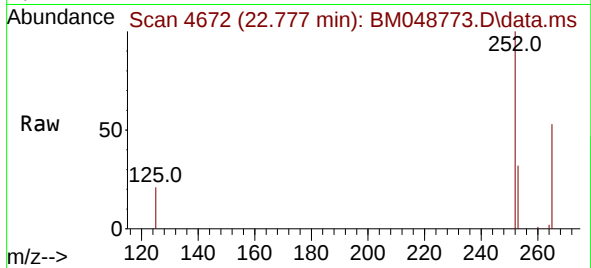
Tgt Ion:228 Resp: 14499
Ion Ratio Lower Upper
228 100
226 31.2 24.4 36.6
229 20.8 16.5 24.7





#24
Benzo(b)fluoranthene
Concen: 0.404 ng/ul
RT: 22.777 min Scan# 4672
Delta R.T. -0.006 min
Lab File: BM048773.D
Acq: 18 Nov 2024 13:01

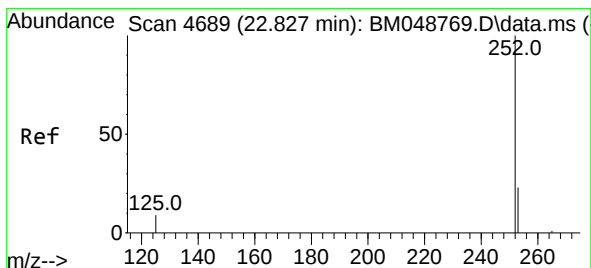
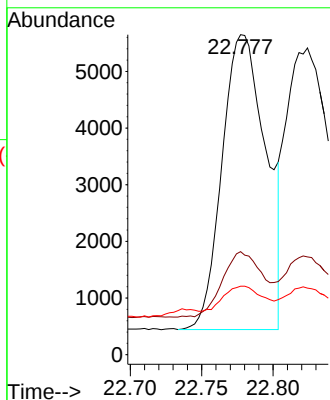
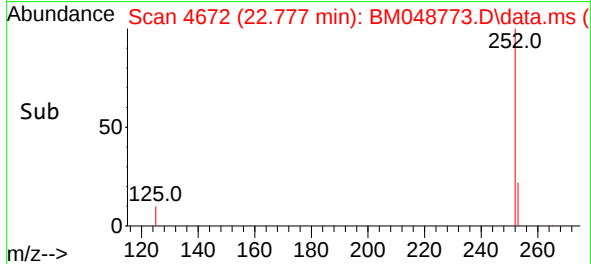
Instrument :
BNA_M
ClientSampleId :
E29S4MS



Tgt Ion:252 Resp: 11114
Ion Ratio Lower Upper
252 100
253 32.2 0.0 61.6
125 21.4 0.0 43.2

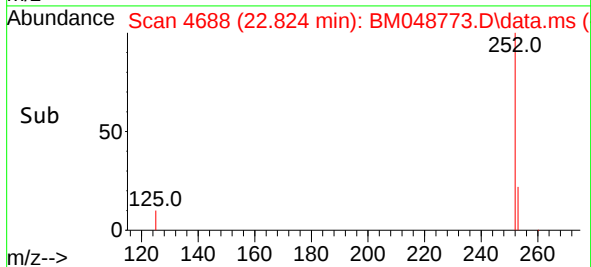
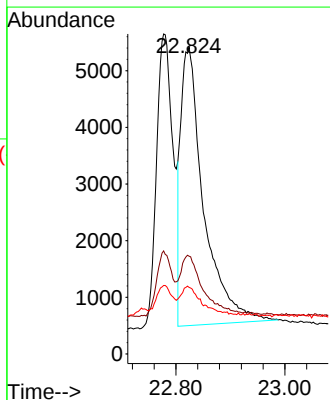
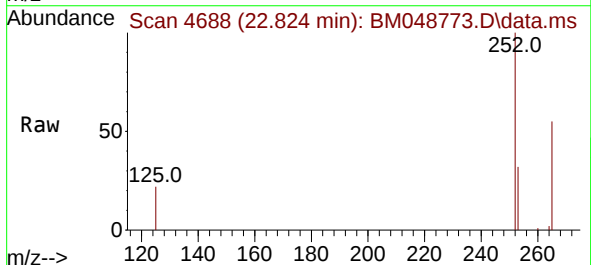
Manual Integrations
APPROVED

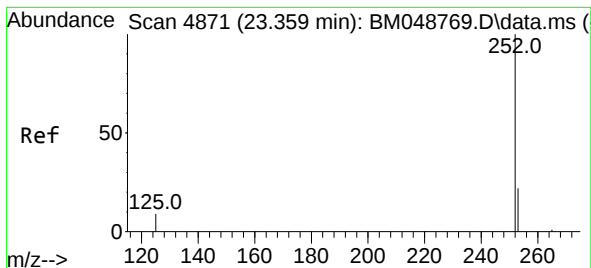
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#25
Benzo(k)fluoranthene
Concen: 0.443 ng/ul
RT: 22.824 min Scan# 4688
Delta R.T. -0.003 min
Lab File: BM048773.D
Acq: 18 Nov 2024 13:01

Tgt Ion:252 Resp: 14284
Ion Ratio Lower Upper
252 100
253 31.9 25.0 37.4
125 21.7 17.4 26.0





#26

Benzo(a)pyrene

Concen: 0.406 ng/ul

RT: 23.350 min Scan# 41

Delta R.T. -0.009 min

Lab File: BM048773.D

Acq: 18 Nov 2024 13:01

Instrument :

BNA_M

ClientSampleId :

E29S4MS

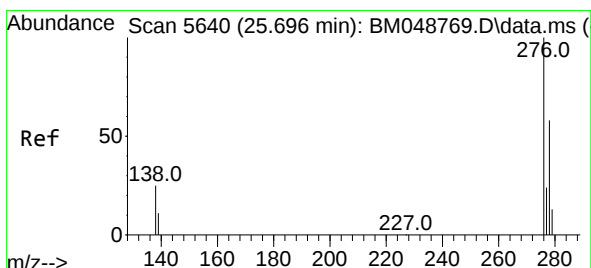
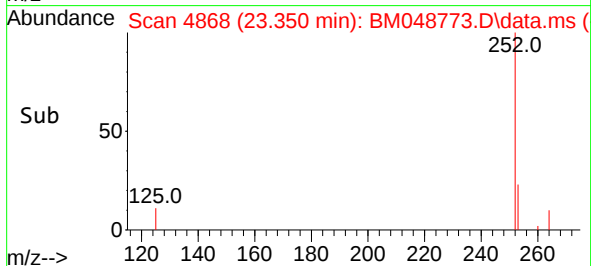
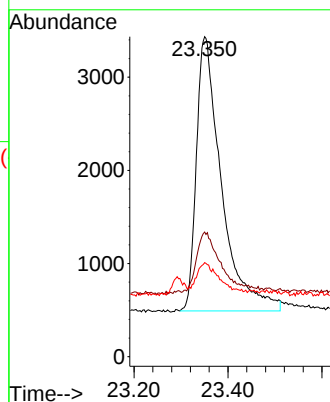
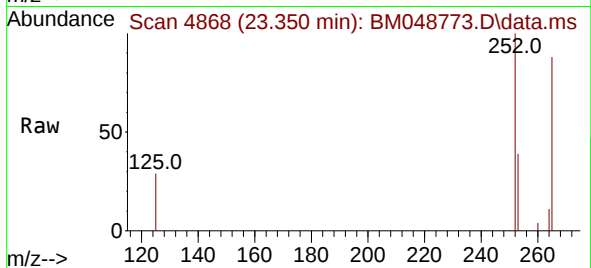
Tgt Ion:	252	Resp:	1091
Ion Ratio	Lower	Upper	
252	100		
253	39.0	29.6	44.4
125	29.4	23.9	35.9

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: 0.408 ng/ul

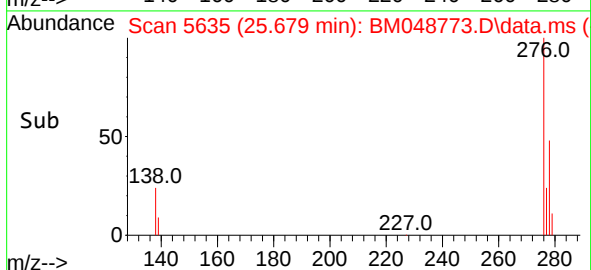
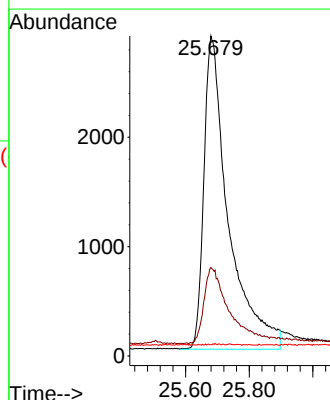
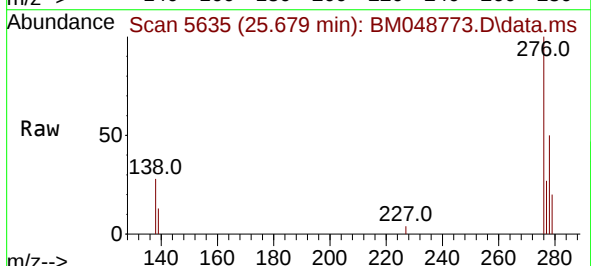
RT: 25.679 min Scan# 5635

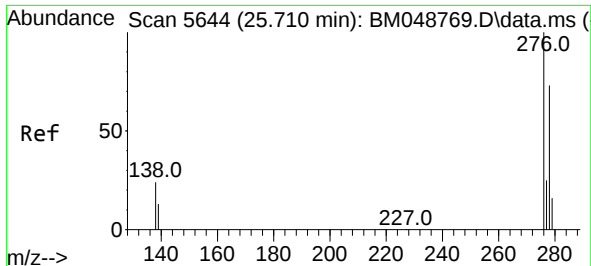
Delta R.T. -0.017 min

Lab File: BM048773.D

Acq: 18 Nov 2024 13:01

Tgt Ion:	276	Resp:	15305
Ion Ratio	Lower	Upper	
276	100		
138	26.3	20.1	30.1
227	0.1	0.1	0.1





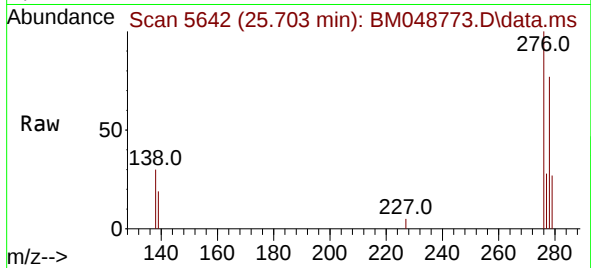
#28
Dibenzo(a,h)anthracene
Concen: 0.387 ng/ul
RT: 25.703 min Scan# 5642
Delta R.T. -0.007 min
Lab File: BM048773.D
Acq: 18 Nov 2024 13:01

Instrument :

BNA_M

ClientSampleId :

E29S4MS



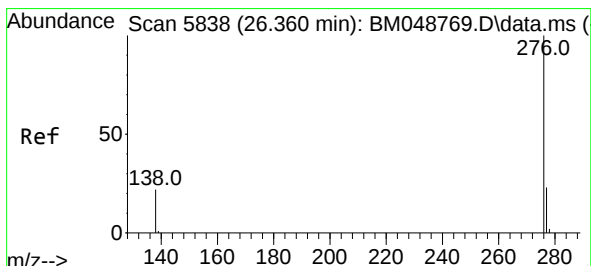
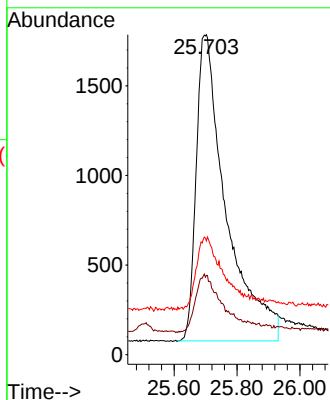
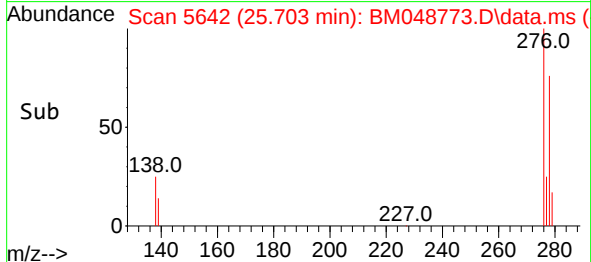
Tgt Ion:278 Resp: 1128
Ion Ratio Lower Upper
278 100
139 24.8 17.8 26.8
279 35.6 26.6 39.8

Manual Integrations

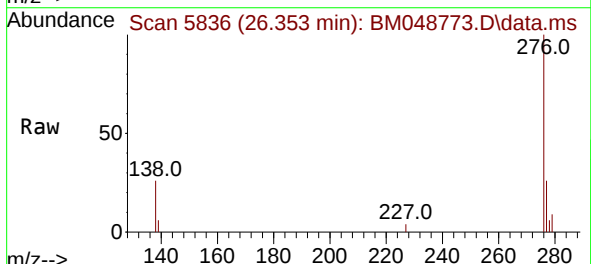
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/20/2024



#29
Benzo(g,h,i)perylene
Concen: 0.424 ng/ul
RT: 26.353 min Scan# 5836
Delta R.T. -0.007 min
Lab File: BM048773.D
Acq: 18 Nov 2024 13:01



Tgt Ion:276 Resp: 13345
Ion Ratio Lower Upper
276 100
138 25.6 21.0 31.6
277 26.1 20.5 30.7

