

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111324\
 Data File : BM048706.D
 Acq On : 15 Nov 2024 11:59
 Operator : RC/JU
 Sample : PB164737BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS737

Manual Integrations
 APPROVED

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

Quant Time: Nov 15 12:36:20 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	7.733	152	3130m	0.400	ng/ul	0.00
4) Naphthalene-d8	10.484	136	10639	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.316	164	6710	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.076	188	14624	0.400	ng/ul	0.00
17) Chrysene-d12	21.254	240	11570	0.400	ng/ul	0.00
23) Perylene-d12	23.472	264	11984	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	3388	0.897	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.090	152	6091	0.443	ng/ul	-0.01
18) Fluoranthene-d10	19.098	212	15460	0.476	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.155	88	7885	1.816	ng/ul#	64
5) Naphthalene	10.534	128	10533	0.395	ng/ul	96
7) 2-Methylnaphthalene	12.167	142	6349	0.379	ng/ul	94
8) 1-Methylnaphthalene	12.365	142	7174	0.418	ng/ul	99
10) Acenaphthylene	14.043	152	10482	0.411	ng/ul	99
11) Acenaphthene	14.380	153	8175	0.401	ng/ul	99
12) Fluorene	15.389	166	8961	0.405	ng/ul	99
14) Pentachlorophenol	16.743	266	3195	0.595	ng/ul	99
15) Phenanthrene	17.119	178	13498	0.351	ng/ul	99
16) Anthracene	17.224	178	12226	0.342	ng/ul	98
19) Fluoranthene	19.131	202	18222	0.425	ng/ul	98
20) Pyrene	19.493	202	19771	0.425	ng/ul	99
21) Benzo(a)anthracene	21.242	228	13549	0.358	ng/ul	99
22) Chrysene	21.292	228	21287	0.468	ng/ul	99
24) Benzo(b)fluoranthene	22.809	252	16587	0.444	ng/ul	94
25) Benzo(k)fluoranthene	22.850	252	19941	0.455	ng/ul	95
26) Benzo(a)pyrene	23.382	252	15984	0.439	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.735	276	19555	0.384	ng/ul	97
28) Dibenzo(a,h)anthracene	25.749	278	14477	0.365	ng/ul	98
29) Benzo(g,h,i)perylene	26.413	276	17223	0.403	ng/ul	99

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

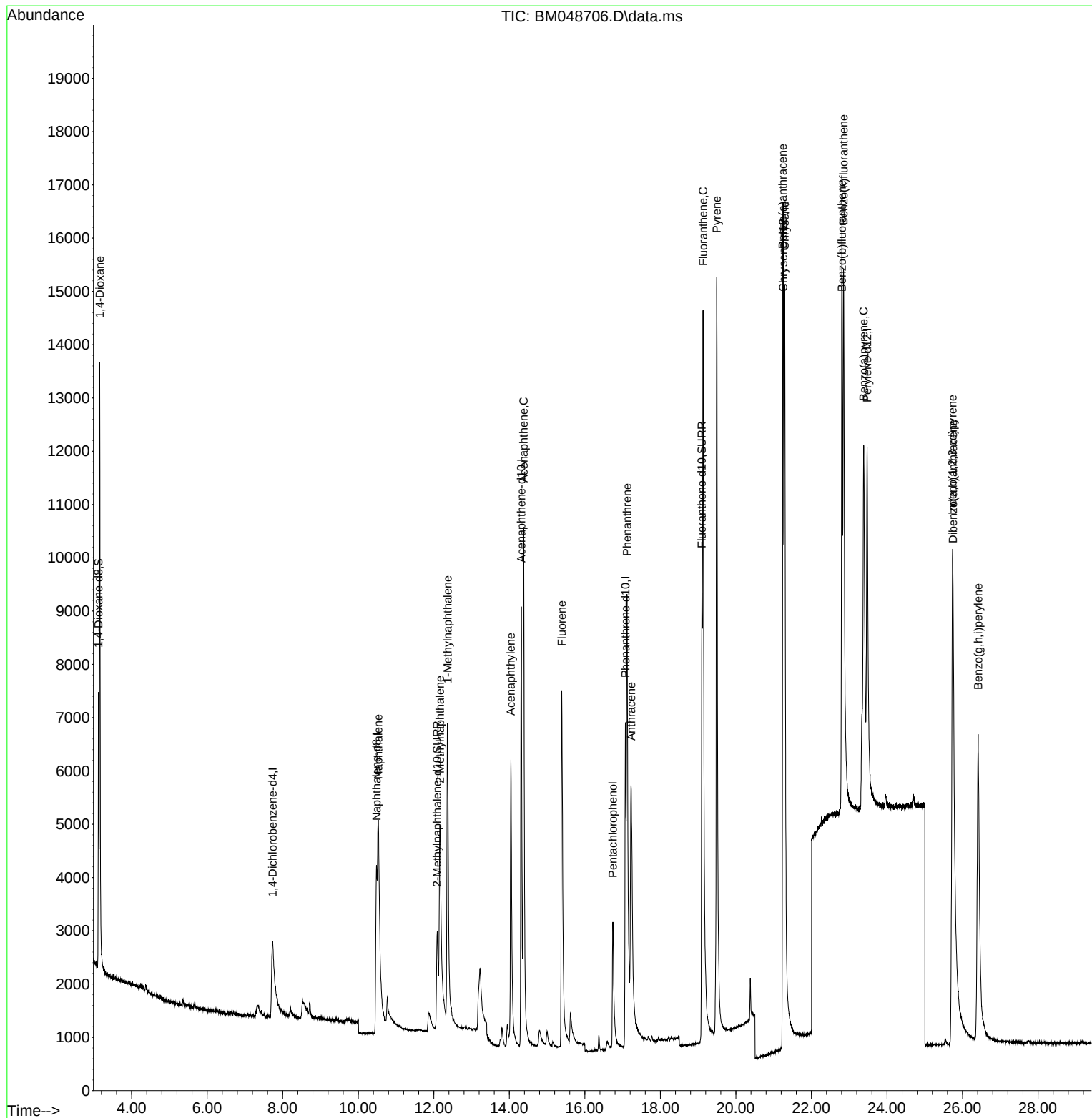
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111324\
Data File : BM048706.D
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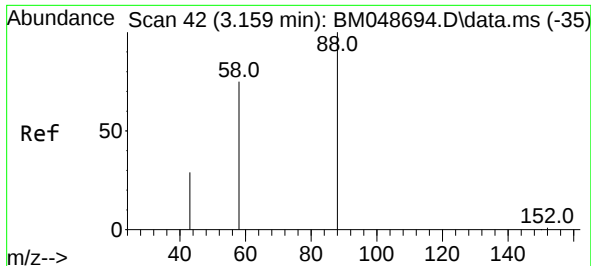
Instrument :
BNA_M
ClientSampleId :
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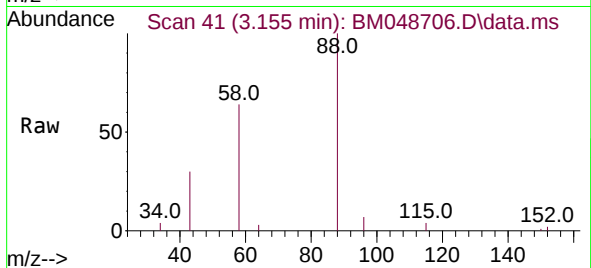
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024





#2
1,4-Dioxane
Concen: 1.816 ng/ul
RT: 3.155 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM048706.D
Acq: 15 Nov 2024 11:59

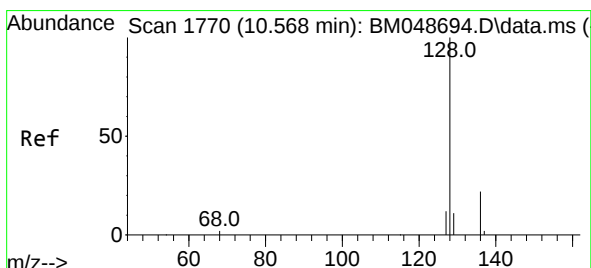
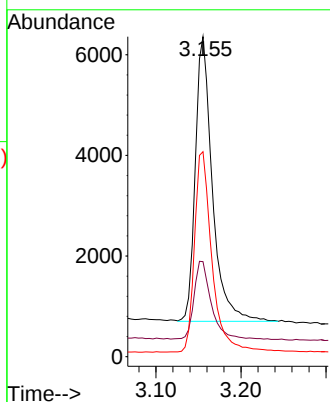
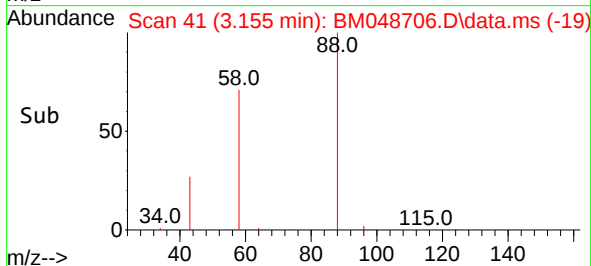
Instrument :
BNA_M
ClientSampleId :
SLCS737



Tgt Ion: 88 Resp: 788
Ion Ratio Lower Upper
88 100
43 29.7 60.2 90.4
58 64.1 44.2 66.2

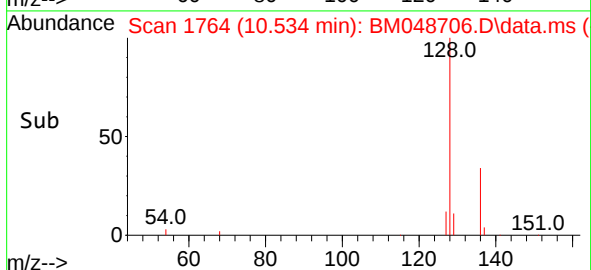
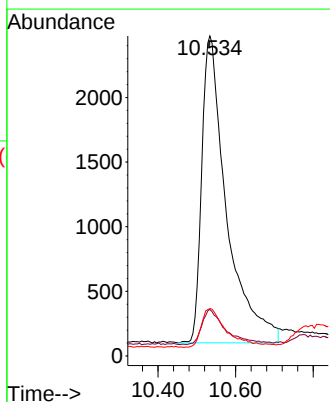
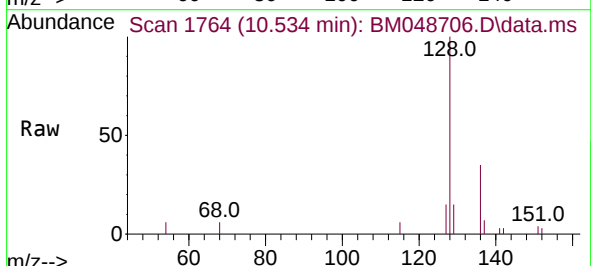
Manual Integrations
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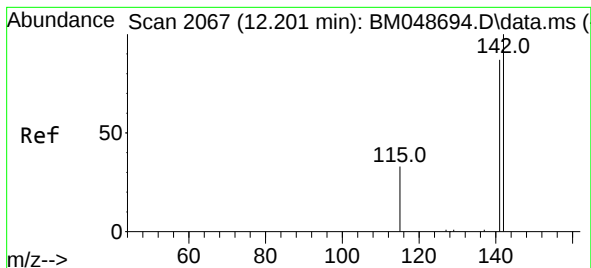
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#5
Naphthalene
Concen: 0.395 ng/ul
RT: 10.534 min Scan# 1764
Delta R.T. -0.013 min
Lab File: BM048706.D
Acq: 15 Nov 2024 11:59

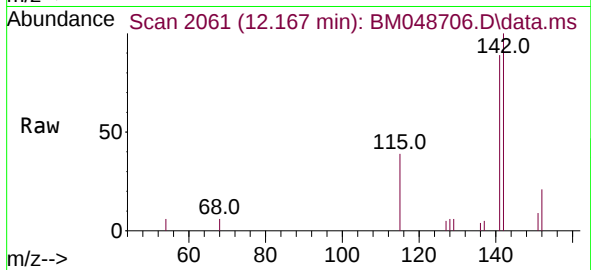
Tgt Ion:128 Resp: 10533
Ion Ratio Lower Upper
128 100
129 14.6 10.0 15.0
127 14.8 10.9 16.3





#7
2-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.167 min Scan# 2061
Delta R.T. -0.012 min
Lab File: BM048706.D
Acq: 15 Nov 2024 11:59

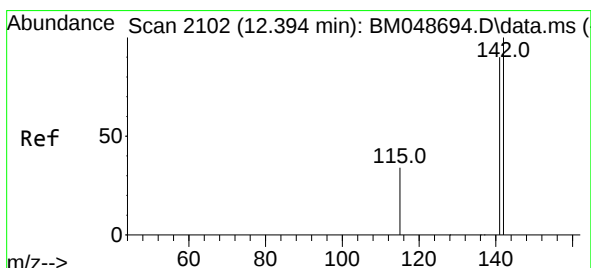
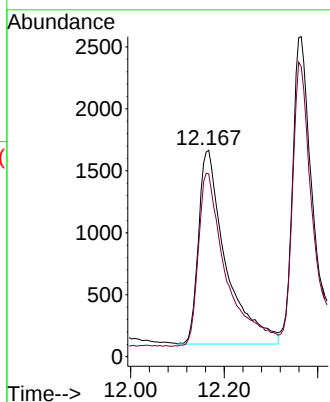
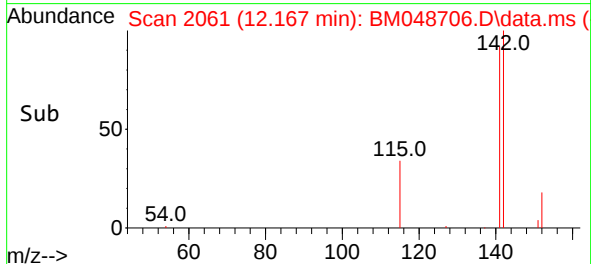
Instrument :
BNA_M
ClientSampleId :
SLCS737



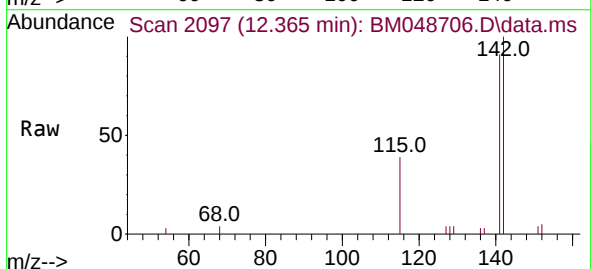
Tgt Ion:142 Resp: 6349
Ion Ratio Lower Upper
142 100
141 91.0 68.6 103.0

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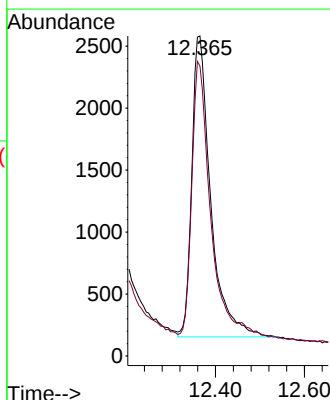
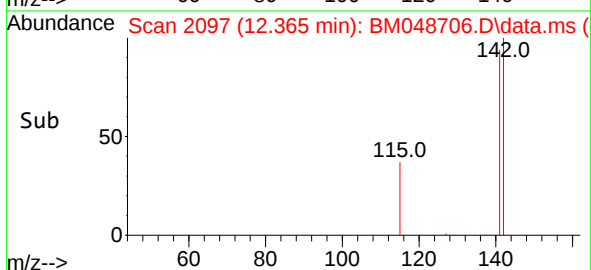
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

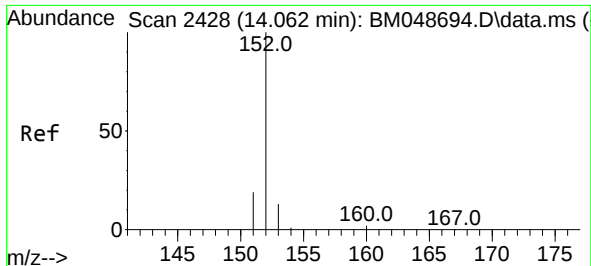


#8
1-Methylnaphthalene
Concen: 0.418 ng/ul
RT: 12.365 min Scan# 2097
Delta R.T. -0.012 min
Lab File: BM048706.D
Acq: 15 Nov 2024 11:59



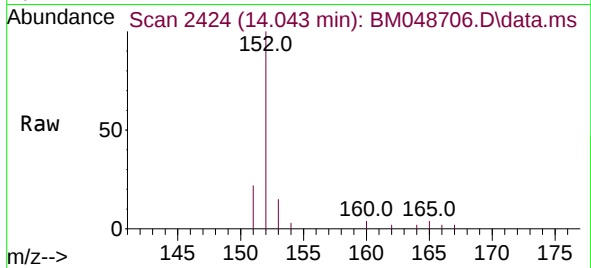
Tgt Ion:142 Resp: 7174
Ion Ratio Lower Upper
142 100
141 92.3 72.8 109.2





#10
Acenaphthylene
Concen: 0.411 ng/ul
RT: 14.043 min Scan# 2428
Delta R.T. -0.011 min
Lab File: BM048706.D
Acq: 15 Nov 2024 11:59

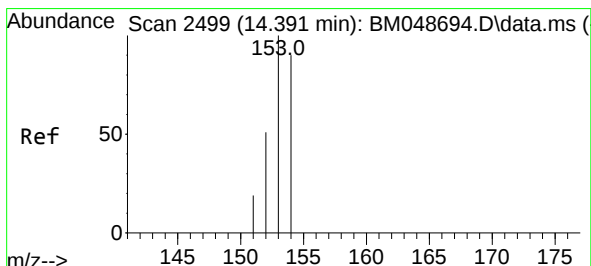
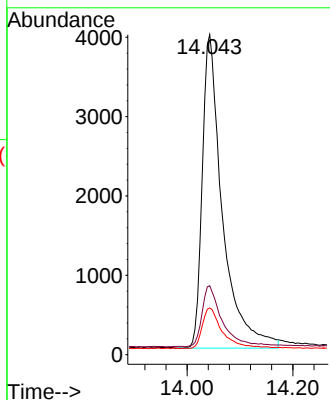
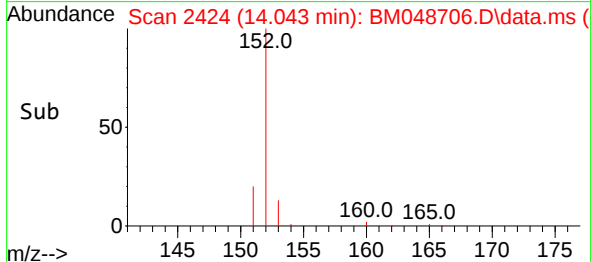
Instrument :
BNA_M
ClientSampleId :
SLCS737



Tgt Ion:152 Resp: 1048
Ion Ratio Lower Upper
152 100
151 21.6 16.5 24.7
153 14.6 11.6 17.4

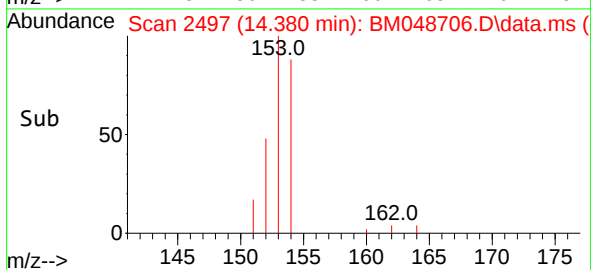
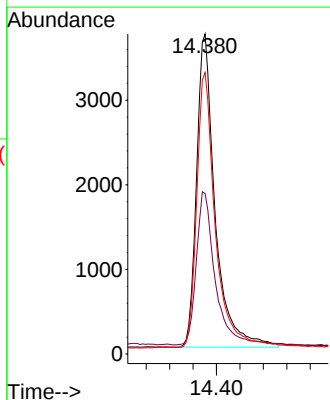
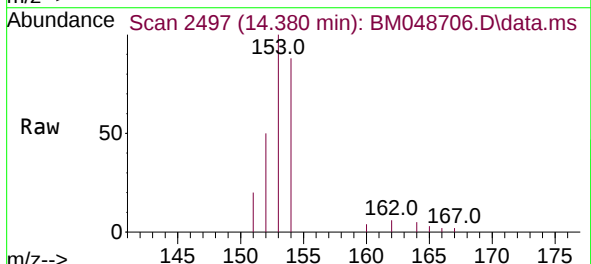
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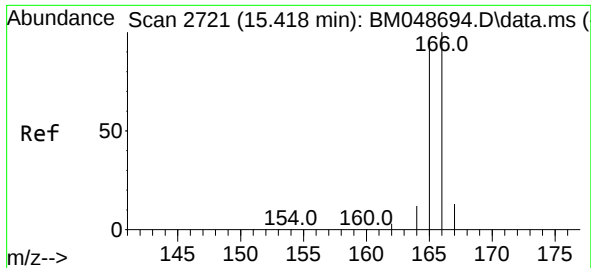
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#11
Acenaphthene
Concen: 0.401 ng/ul
RT: 14.380 min Scan# 2497
Delta R.T. -0.006 min
Lab File: BM048706.D
Acq: 15 Nov 2024 11:59

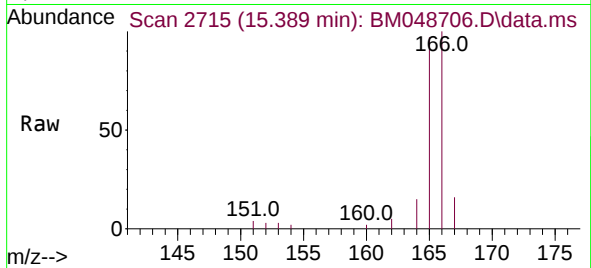
Tgt Ion:153 Resp: 8175
Ion Ratio Lower Upper
153 100
152 50.2 41.1 61.7
154 88.0 70.3 105.5





#12
Fluorene
Concen: 0.405 ng/ul
RT: 15.389 min Scan# 21
Delta R.T. -0.011 min
Lab File: BM048706.D
Acq: 15 Nov 2024 11:59

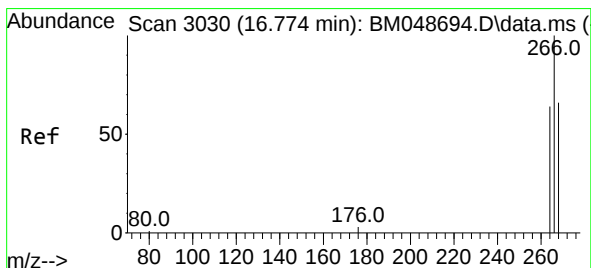
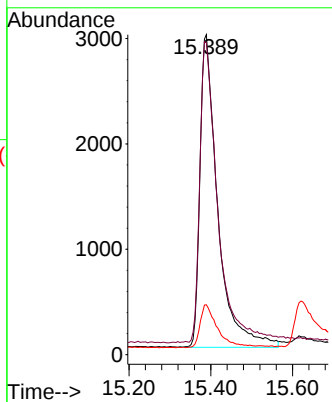
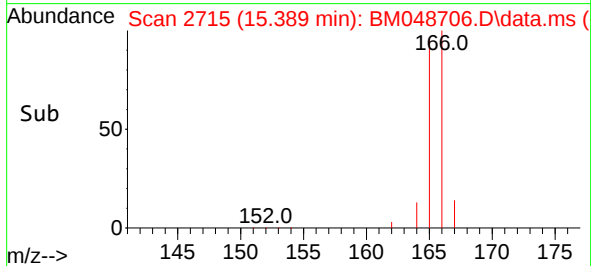
Instrument :
BNA_M
ClientSampleId :
SLCS737



Tgt Ion:166 Resp: 896
Ion Ratio Lower Upper
166 100
165 97.5 78.7 118.1
167 15.6 12.6 18.8

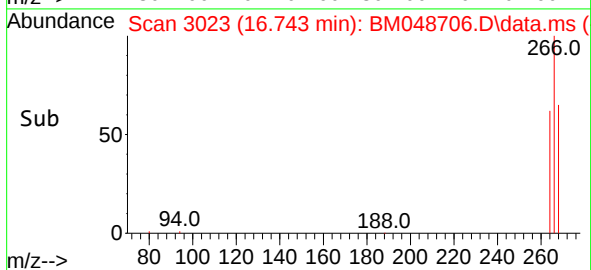
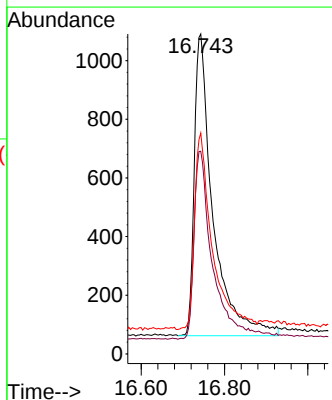
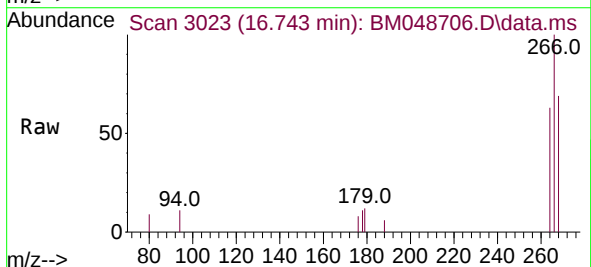
Manual Integrations
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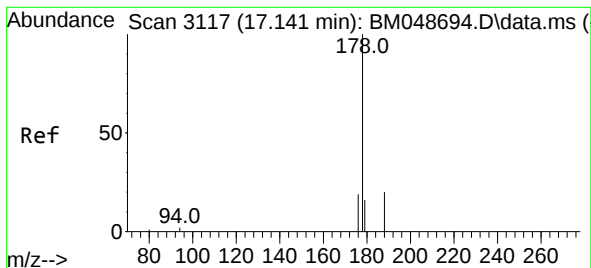
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#14
Pentachlorophenol
Concen: 0.595 ng/ul
RT: 16.743 min Scan# 3023
Delta R.T. -0.018 min
Lab File: BM048706.D
Acq: 15 Nov 2024 11:59

Tgt Ion:266 Resp: 3195
Ion Ratio Lower Upper
266 100
264 62.8 49.6 74.4
268 62.8 49.4 74.0





#15

Phenanthrene

Concen: 0.351 ng/uI

RT: 17.119 min Scan# 3112

Delta R.T. -0.010 min

Lab File: BM048706.D

Acq: 15 Nov 2024 11:59

Instrument :

BNA_M

ClientSampleId :

SLCS737

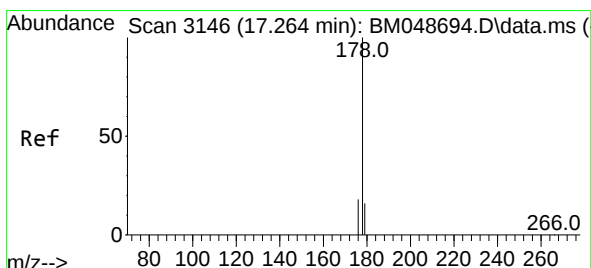
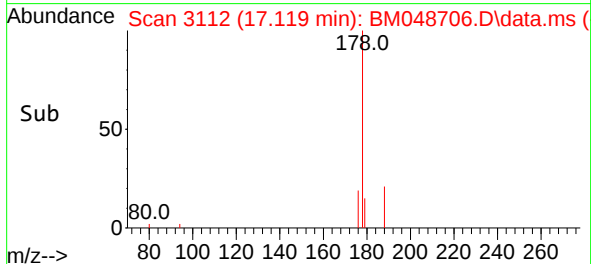
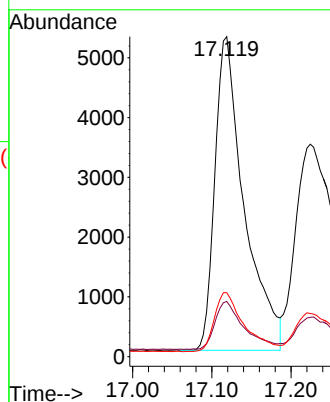
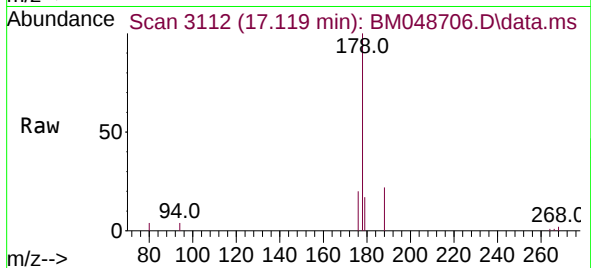
Tgt Ion:	178	Resp:	13498
Ion Ratio	Lower	Upper	
178	100		
179	17.3	13.4	20.0
176	20.0	16.2	24.2

Manual Integrations

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Reviewed By :Yogesh Patel 11/15/2024

Supervised By :mohammad ahmed 11/15/2024



#16

Anthracene

Concen: 0.342 ng/uI

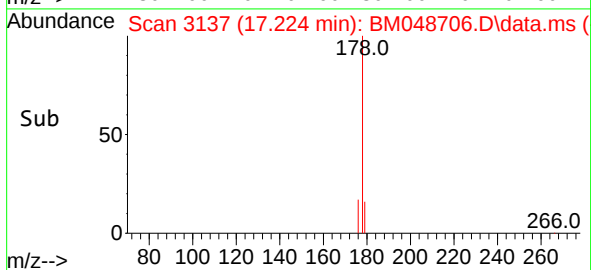
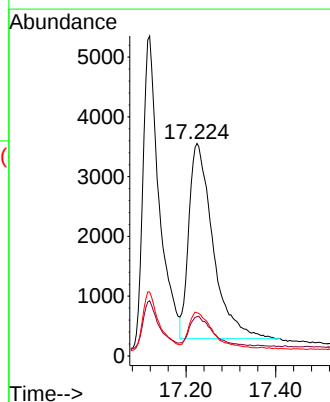
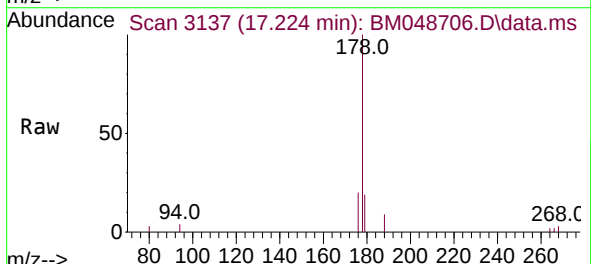
RT: 17.224 min Scan# 3137

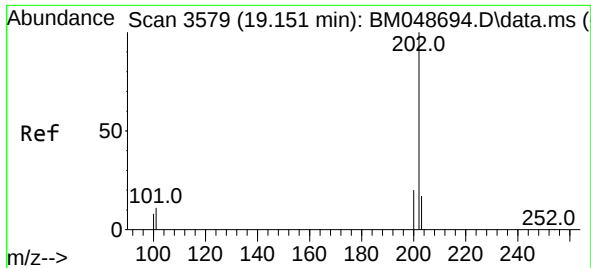
Delta R.T. -0.014 min

Lab File: BM048706.D

Acq: 15 Nov 2024 11:59

Tgt Ion:	178	Resp:	12226
Ion Ratio	Lower	Upper	
178	100		
179	18.5	13.7	20.5
176	20.3	15.9	23.9





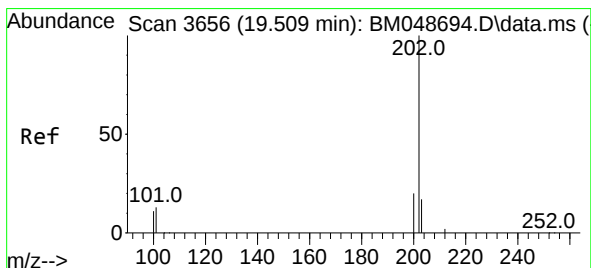
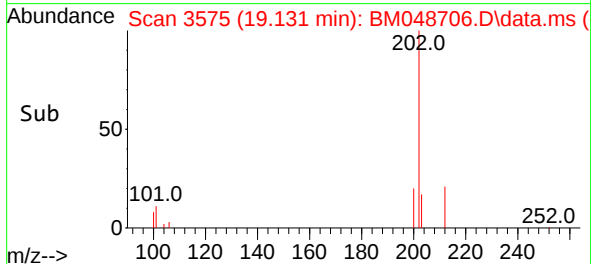
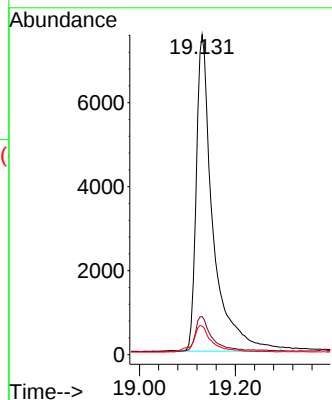
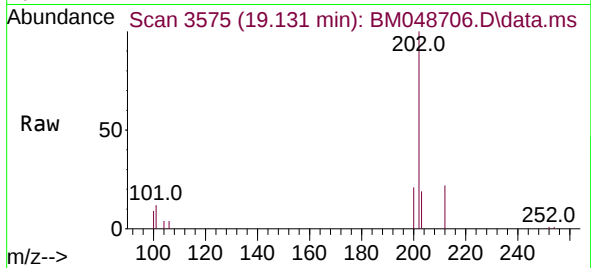
#19
Fluoranthene
Concen: 0.425 ng/ul
RT: 19.131 min Scan# 3575
Delta R.T. -0.011 min
Lab File: BM048706.D
Acq: 15 Nov 2024 11:59

Instrument :
BNA_M
ClientSampleId :
SLCS737

Tgt Ion:202 Resp: 1822
Ion Ratio Lower Upper
202 100
101 11.9 10.2 15.4
100 8.9 7.3 10.9

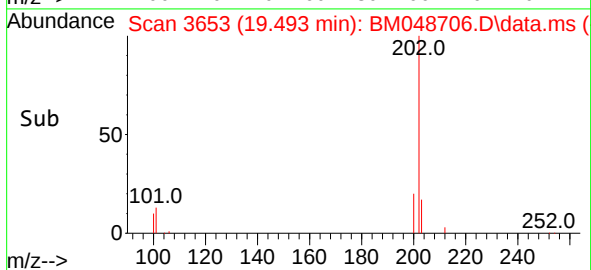
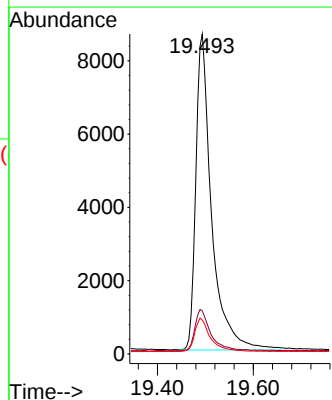
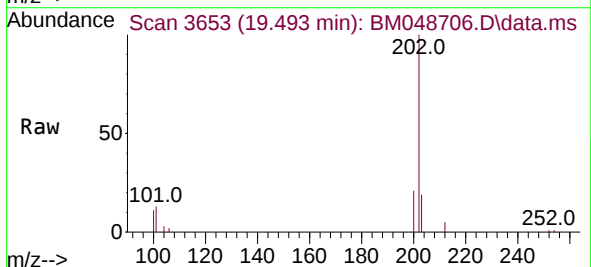
Manual Integrations
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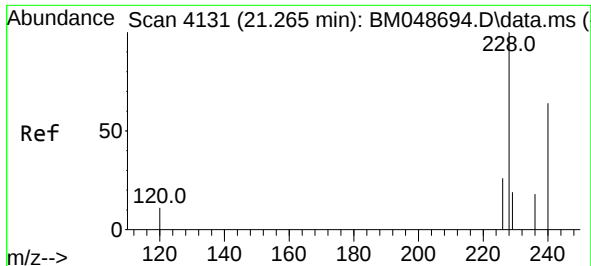
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#20
Pyrene
Concen: 0.425 ng/ul
RT: 19.493 min Scan# 3653
Delta R.T. -0.011 min
Lab File: BM048706.D
Acq: 15 Nov 2024 11:59

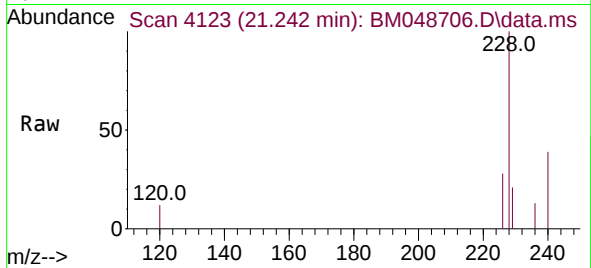
Tgt Ion:202 Resp: 19771
Ion Ratio Lower Upper
202 100
101 13.5 11.4 17.2
100 10.6 8.5 12.7





#21
Benzo(a)anthracene
Concen: 0.358 ng/ul
RT: 21.242 min Scan# 411
Delta R.T. -0.011 min
Lab File: BM048706.D
Acq: 15 Nov 2024 11:59

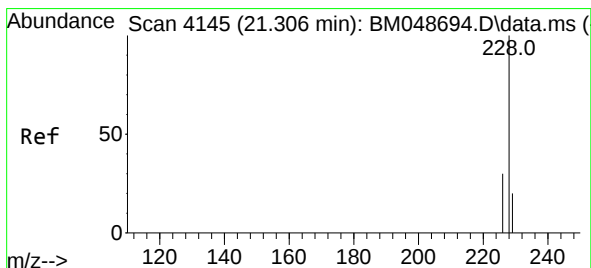
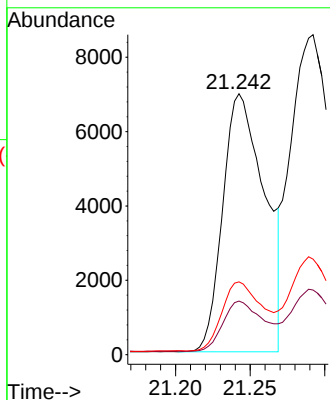
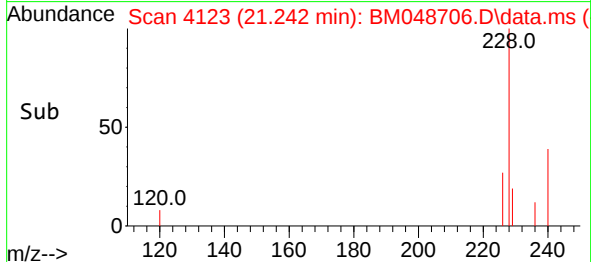
Instrument :
BNA_M
ClientSampleId :
SLCS737



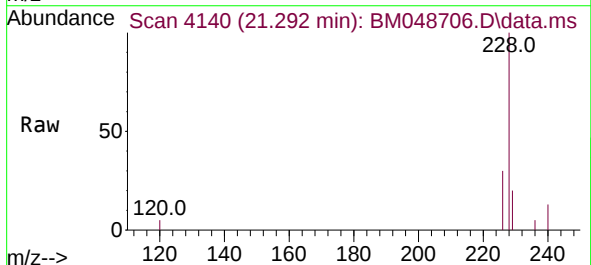
Tgt Ion:228 Resp: 13549
Ion Ratio Lower Upper
228 100
229 20.5 16.2 24.2
226 27.9 22.1 33.1

Manual Integrations
APPROVED

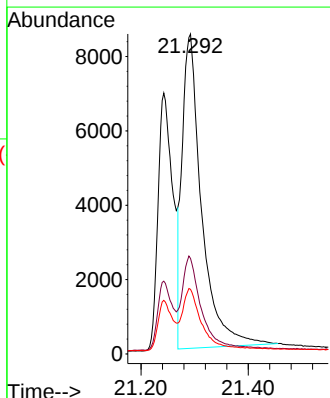
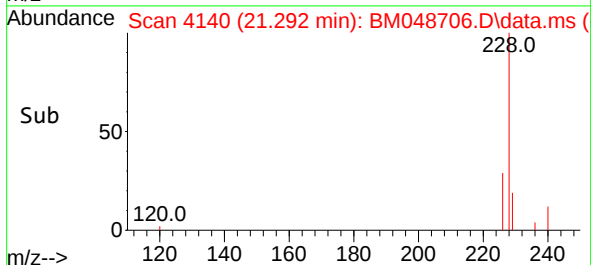
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

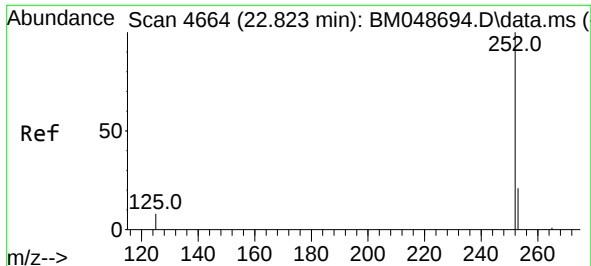


#22
Chrysene
Concen: 0.468 ng/ul
RT: 21.292 min Scan# 4140
Delta R.T. -0.006 min
Lab File: BM048706.D
Acq: 15 Nov 2024 11:59



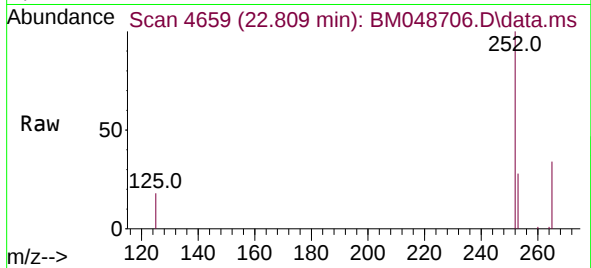
Tgt Ion:228 Resp: 21287
Ion Ratio Lower Upper
228 100
226 29.8 24.4 36.6
229 20.2 16.5 24.7





#24
Benzo(b)fluoranthene
Concen: 0.444 ng/ul
RT: 22.809 min Scan# 4659
Delta R.T. -0.006 min
Lab File: BM048706.D
Acq: 15 Nov 2024 11:59

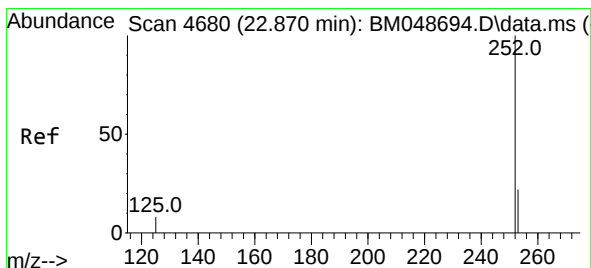
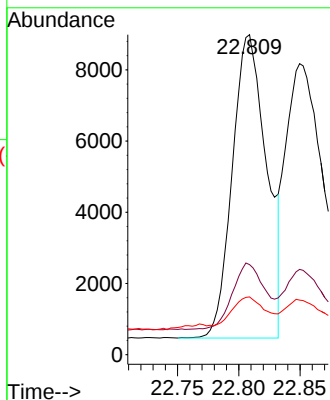
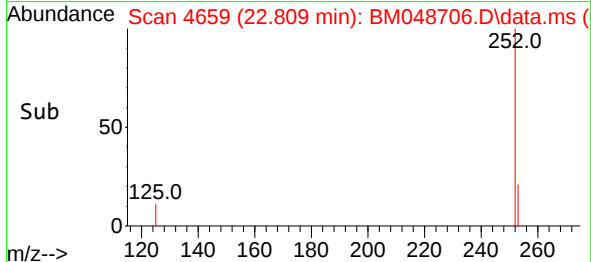
Instrument :
BNA_M
ClientSampleId :
SLCS737



Tgt Ion:252 Resp: 1658
Ion Ratio Lower Upper
252 100
253 28.1 0.0 61.6
125 18.1 0.0 43.2

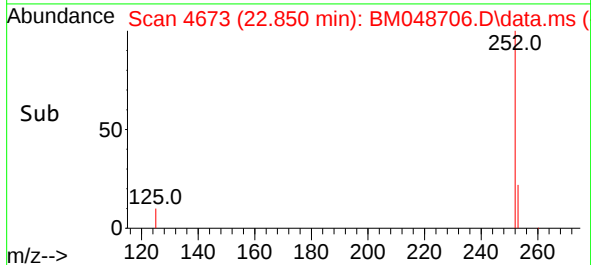
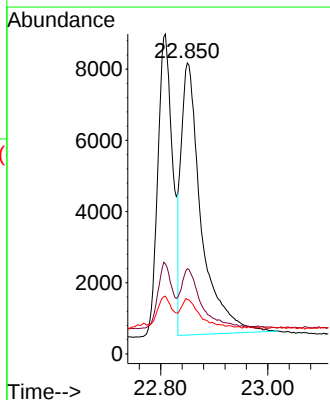
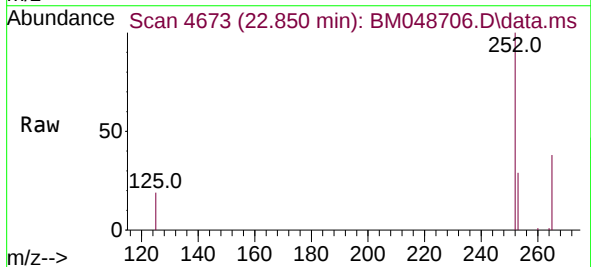
Manual Integrations
APPROVED

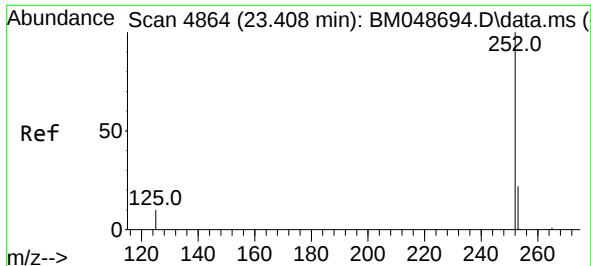
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#25
Benzo(k)fluoranthene
Concen: 0.455 ng/ul
RT: 22.850 min Scan# 4673
Delta R.T. -0.009 min
Lab File: BM048706.D
Acq: 15 Nov 2024 11:59

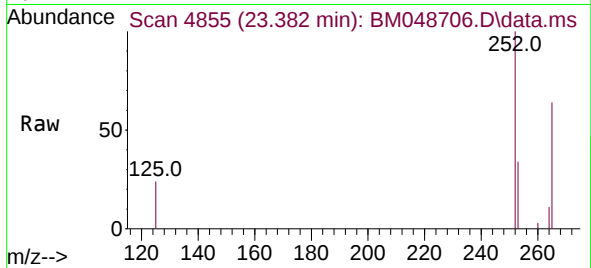
Tgt Ion:252 Resp: 19941
Ion Ratio Lower Upper
252 100
253 29.3 25.0 37.4
125 18.8 17.4 26.0





#26
Benzo(a)pyrene
Concen: 0.439 ng/ul
RT: 23.382 min Scan# 41
Delta R.T. -0.011 min
Lab File: BM048706.D
Acq: 15 Nov 2024 11:59

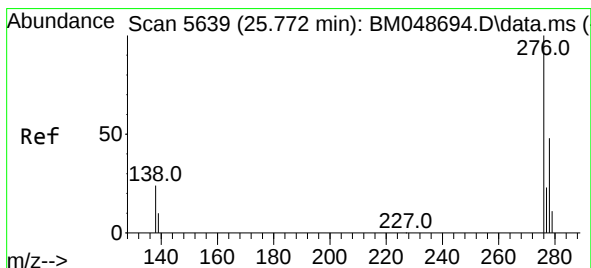
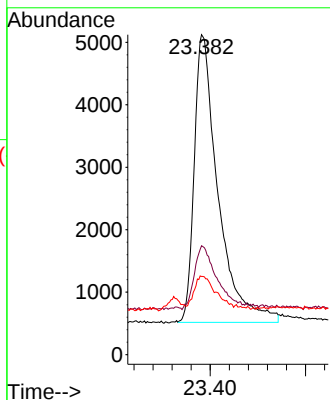
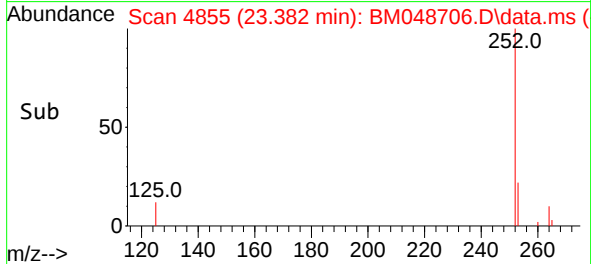
Instrument :
BNA_M
ClientSampleId :
SLCS737



Tgt Ion:252 Resp: 15984
Ion Ratio Lower Upper
252 100
253 34.0 29.6 44.4
125 24.4 23.9 35.9

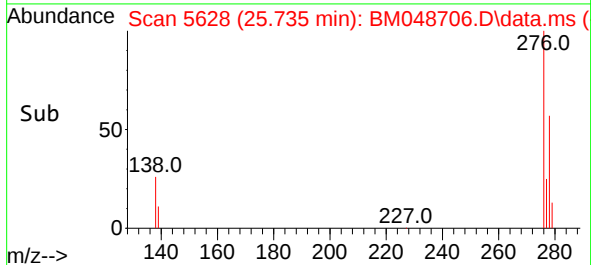
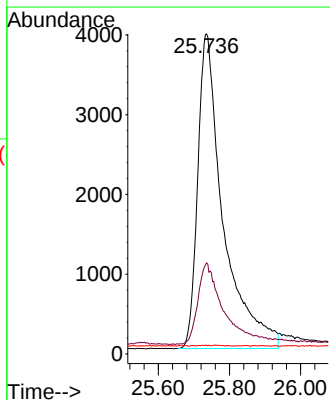
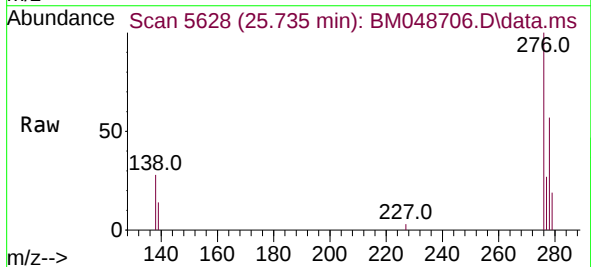
Manual Integrations
APPROVED

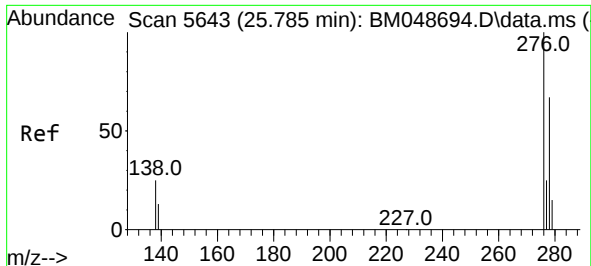
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.384 ng/ul
RT: 25.735 min Scan# 5628
Delta R.T. -0.003 min
Lab File: BM048706.D
Acq: 15 Nov 2024 11:59

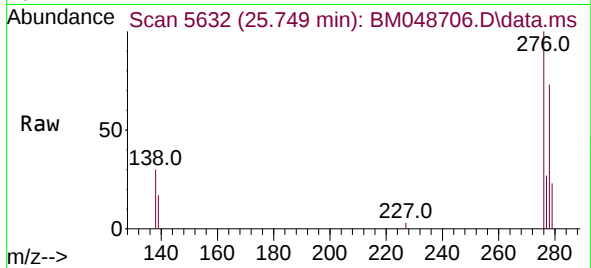
Tgt Ion:276 Resp: 19555
Ion Ratio Lower Upper
276 100
138 26.4 20.1 30.1
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.365 ng/ul
RT: 25.749 min Scan# 5632
Delta R.T. -0.010 min
Lab File: BM048706.D
Acq: 15 Nov 2024 11:59

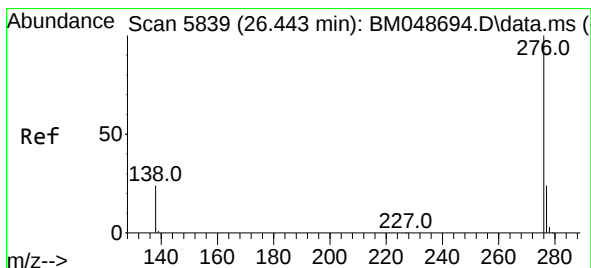
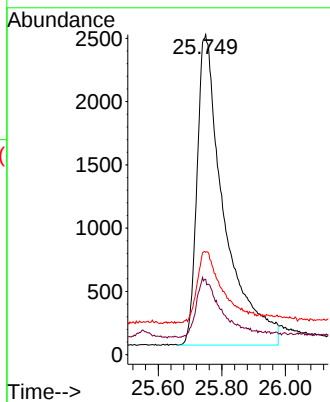
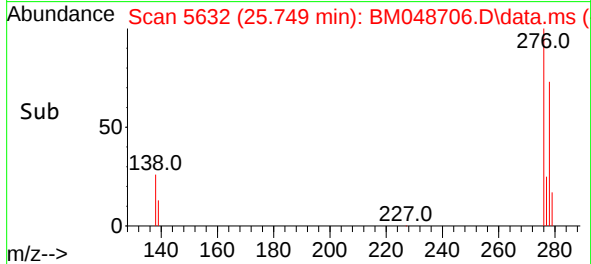
Instrument :
BNA_M
ClientSampleId :
SLCS737



Tgt Ion:278 Resp: 1447
Ion Ratio Lower Upper
278 100
139 23.5 17.8 26.8
279 32.0 26.6 39.8

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



#29
Benzo(g,h,i)perylene
Concen: 0.403 ng/ul
RT: 26.413 min Scan# 5830
Delta R.T. -0.007 min
Lab File: BM048706.D
Acq: 15 Nov 2024 11:59

Tgt Ion:276 Resp: 17223
Ion Ratio Lower Upper
276 100
138 25.9 21.0 31.6
277 26.0 20.5 30.7

