

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
 Data File : BM042966.D
 Acq On : 22 Nov 2023 23:34
 Operator : MA/JU
 Sample : PB157008BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS008

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/25/2023
 Supervised By :mohammad ahmed 11/25/2023

Quant Time: Nov 23 00:12:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 22 10:35:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.885	152	460	0.400	ng/ul	0.05
4) Naphthalene-d8	10.655	136	1252	0.400	ng/ul	# 0.02
9) Acenaphthene-d10	14.473	164	702	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.237	188	1505	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.421	240	1098	0.400	ng/ul	0.00
23) Perylene-d12	23.774	264	1616	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	623	0.862	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.266	152	534	0.338	ng/ul	0.03
18) Fluoranthene-d10	19.261	212	1247	0.348	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.202	88	1817	2.260	ng/ul#	54
5) Naphthalene	10.704	128	1276	0.324	ng/ul#	84
7) 2-Methylnaphthalene	12.337	142	738	0.320	ng/ul	97
8) 1-Methylnaphthalene	12.530	142	786	0.324	ng/ul	99
10) Acenaphthylene	14.205	152	1432	0.307	ng/ul#	92
11) Acenaphthene	14.538	153	1068	0.327	ng/ul	98
12) Fluorene	15.542	166	1104	0.314	ng/ul#	98
14) Pentachlorophenol	16.891	266	526	0.629	ng/ul	94
15) Phenanthrene	17.279	178	1683	0.318	ng/ul	95
16) Anthracene	17.389	178	1691m	0.308	ng/ul	
19) Fluoranthene	19.294	202	2290	0.330	ng/ul	96
20) Pyrene	19.656	202	2493	0.334	ng/ul	96
21) Benzo(a)anthracene	21.406	228	1570	0.305	ng/ul	97
22) Chrysene	21.453	228	2422	0.364	ng/ul	99
24) Benzo(b)fluoranthene	23.046	252	2123	0.327	ng/ul	98
25) Benzo(k)fluoranthene	23.098	252	2809	0.347	ng/ul	98
26) Benzo(a)pyrene	23.674	252	2183	0.327	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.235	276	2991	0.335	ng/ul	95
28) Dibenzo(a,h)anthracene	26.262	278	2191	0.329	ng/ul	98
29) Benzo(g,h,i)perylene	27.013	276	2720	0.358	ng/ul	96

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

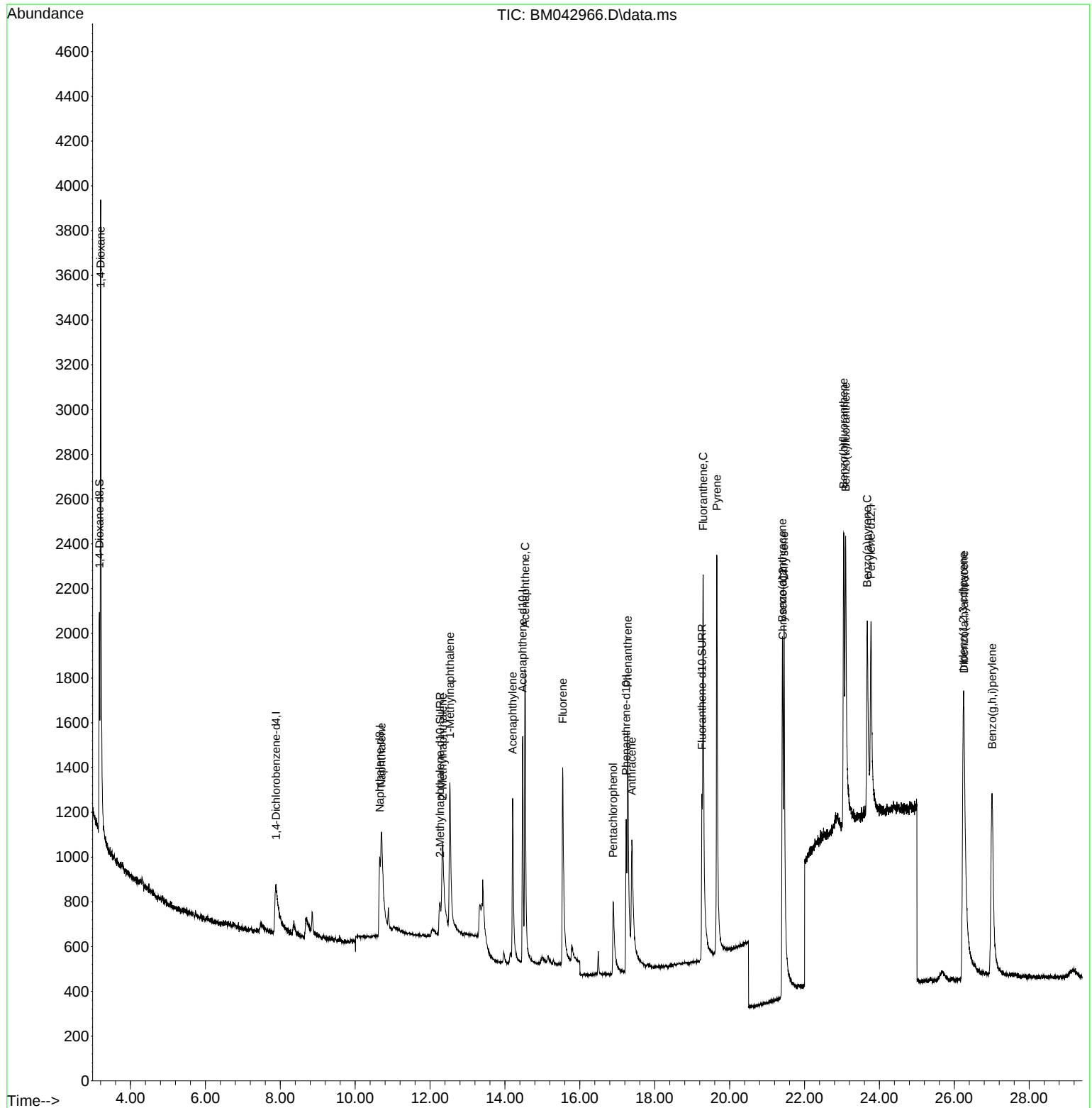
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
Data File : BM042966.D
Acq On : 22 Nov 2023 23:34
Operator : MA/JU
Sample : PB157008BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

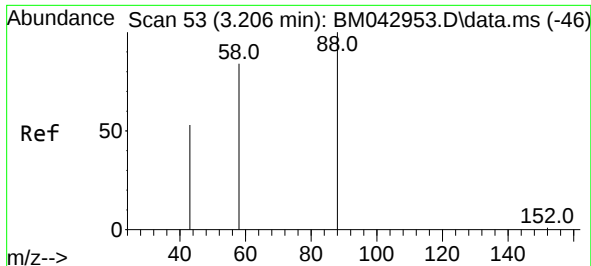
Instrument :
BNA_M
ClientSampleId :
SLCS008

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023

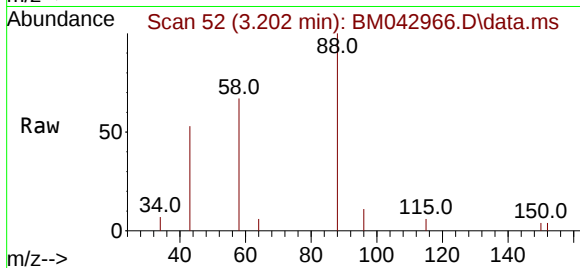
Quant Time: Nov 23 00:12:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 22 10:35:26 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.260 ng/ul
RT: 3.202 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34

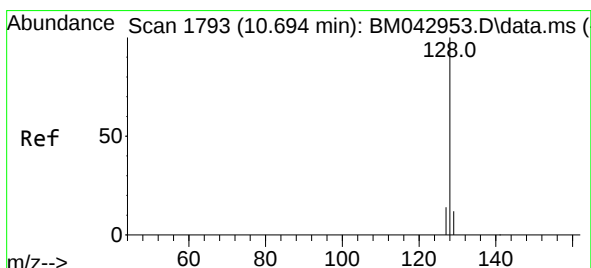
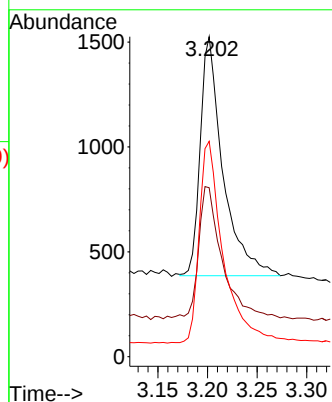
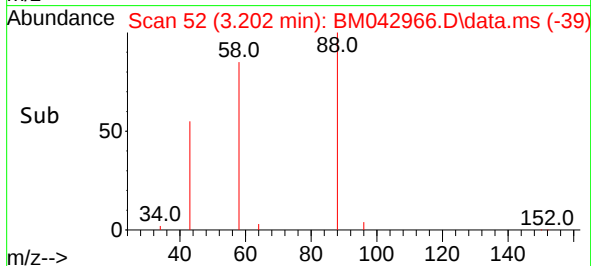
Instrument :
BNA_M
ClientSampleId :
SLCS008



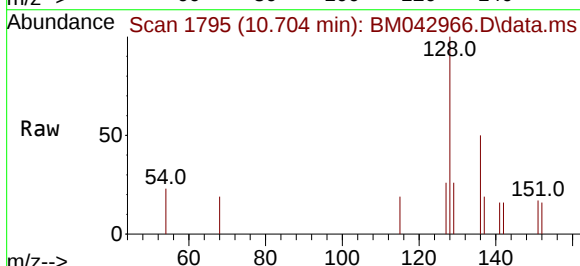
Tgt Ion: 88 Resp: 181
Ion Ratio Lower Upper
88 100
43 52.8 30.5 45.7#
58 67.3 21.8 32.6#

Manual Integrations
APPROVED

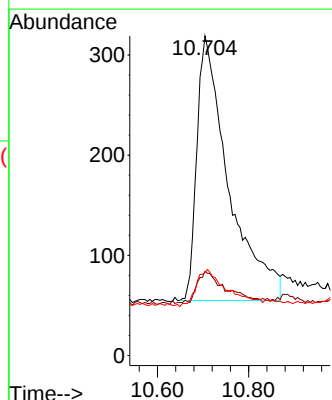
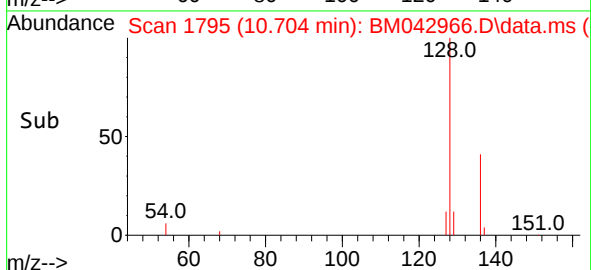
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023

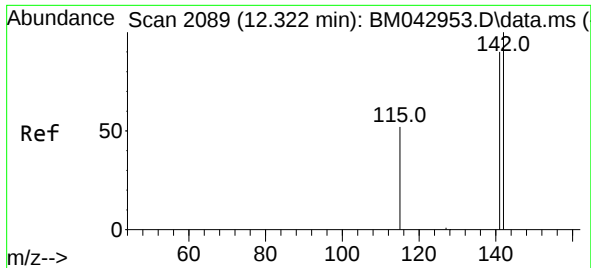


#5
Naphthalene
Concen: 0.324 ng/ul
RT: 10.704 min Scan# 1795
Delta R.T. 0.022 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34



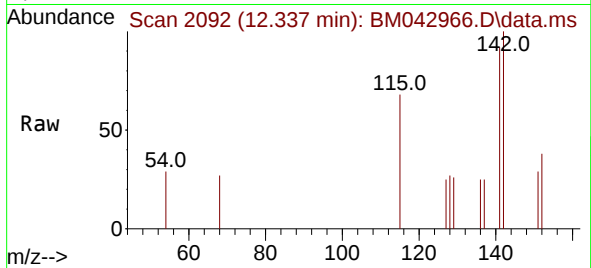
Tgt Ion:128 Resp: 1276
Ion Ratio Lower Upper
128 100
129 26.3 14.2 21.4#
127 26.0 15.8 23.6#





#7
2-Methylnaphthalene
Concen: 0.320 ng/ul
RT: 12.337 min Scan# 2089
Delta R.T. 0.027 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34

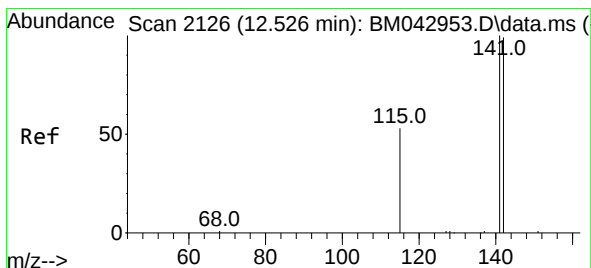
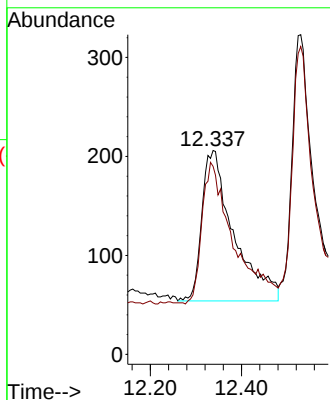
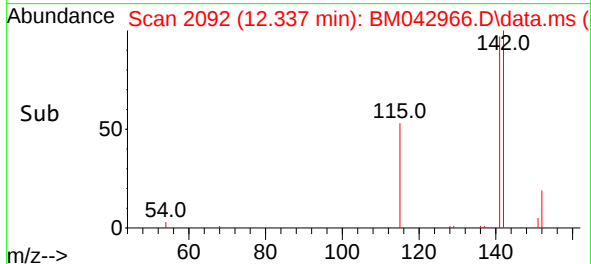
Instrument :
BNA_M
ClientSampleId :
SLCS008



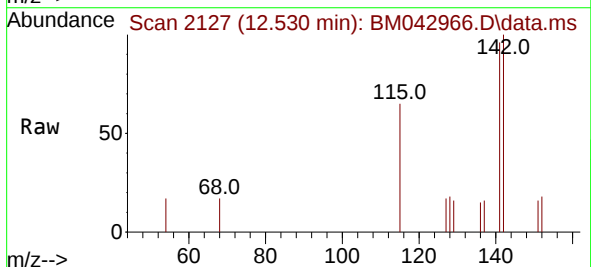
Tgt Ion:142 Resp: 738
Ion Ratio Lower Upper
142 100
141 94.0 77.2 115.8

Manual Integrations
APPROVED

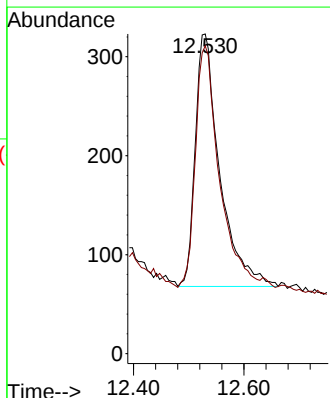
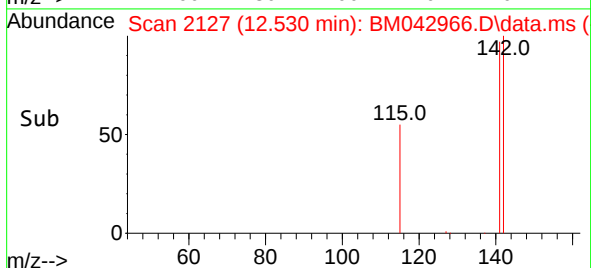
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023

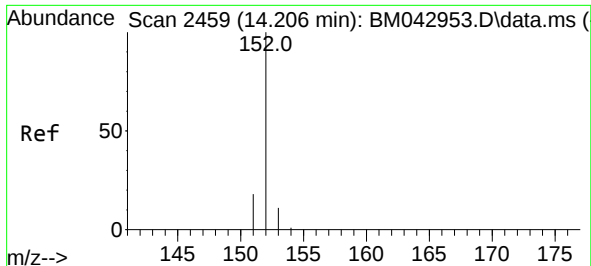


#8
1-Methylnaphthalene
Concen: 0.324 ng/ul
RT: 12.530 min Scan# 2127
Delta R.T. 0.011 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34



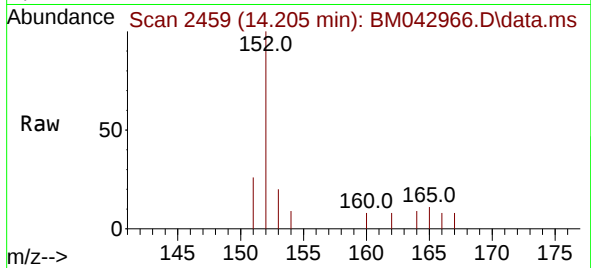
Tgt Ion:142 Resp: 786
Ion Ratio Lower Upper
142 100
141 94.4 74.6 112.0





#10
Acenaphthylene
Concen: 0.307 ng/u1
RT: 14.205 min Scan# 2459
Delta R.T. 0.005 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34

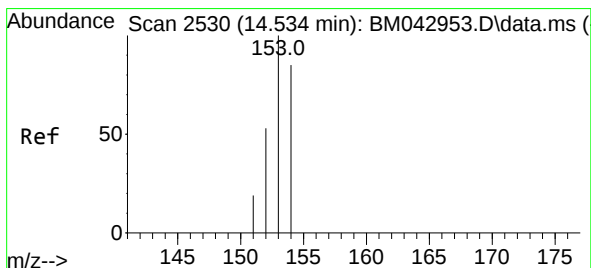
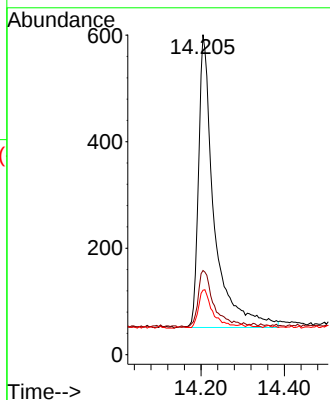
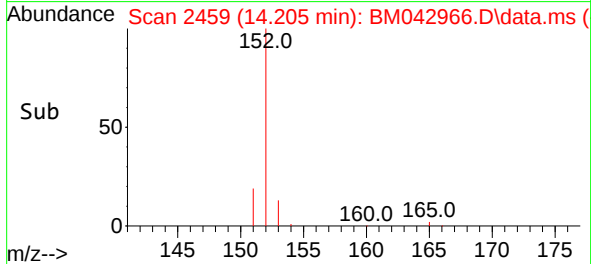
Instrument :
BNA_M
ClientSampleId :
SLCS008



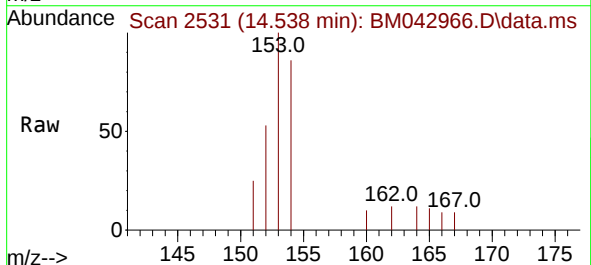
Tgt Ion:152 Resp: 1432
Ion Ratio Lower Upper
152 100
151 26.3 18.5 27.7
153 20.1 12.9 19.3

Manual Integrations
APPROVED

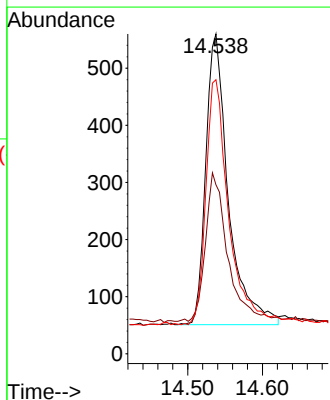
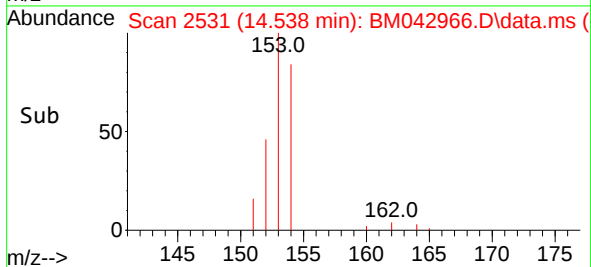
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023

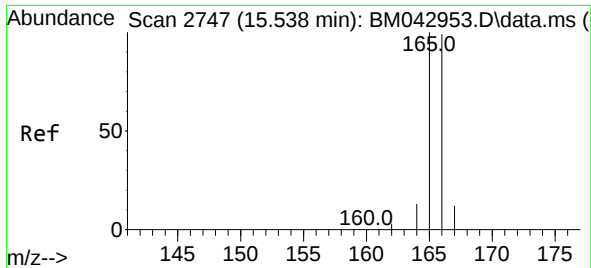


#11
Acenaphthene
Concen: 0.327 ng/u1
RT: 14.538 min Scan# 2531
Delta R.T. 0.005 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34



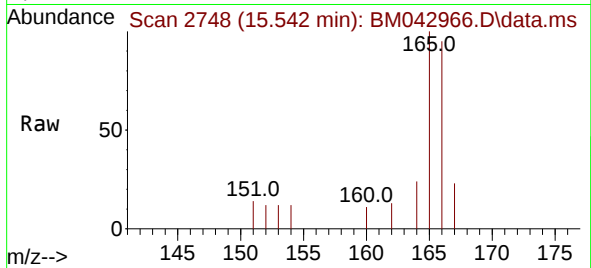
Tgt Ion:153 Resp: 1068
Ion Ratio Lower Upper
153 100
152 52.9 43.3 64.9
154 85.7 70.6 105.8





#12
Fluorene
Concen: 0.314 ng/ul
RT: 15.542 min Scan# 21
Delta R.T. 0.014 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34

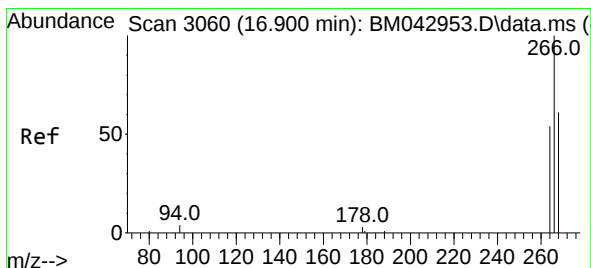
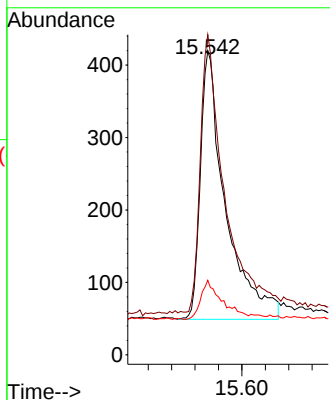
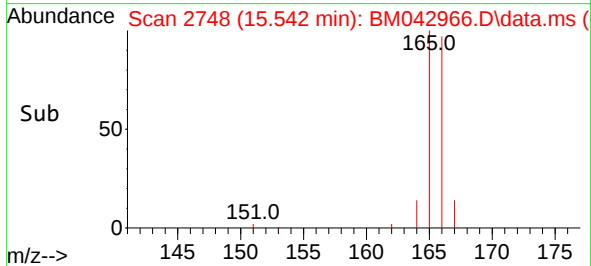
Instrument :
BNA_M
ClientSampleId :
SLCS008



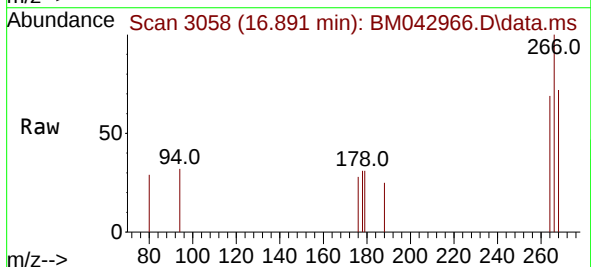
Tgt Ion:166 Resp: 1104
Ion Ratio Lower Upper
166 100
165 105.2 84.3 126.5
167 24.5 15.0 22.6

Manual Integrations
APPROVED

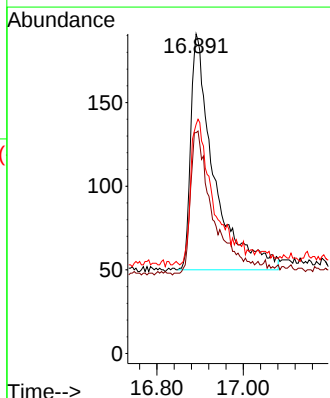
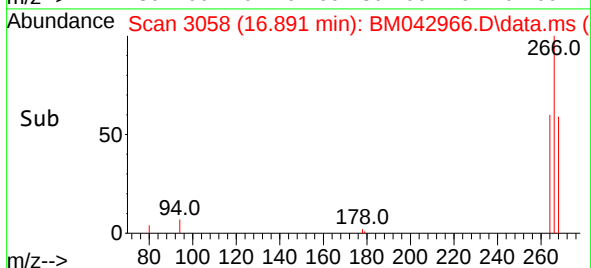
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023

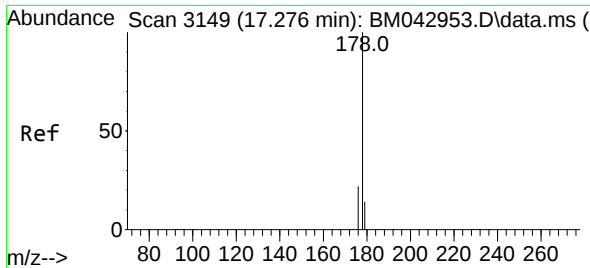


#14
Pentachlorophenol
Concen: 0.629 ng/ul
RT: 16.891 min Scan# 3058
Delta R.T. -0.000 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34



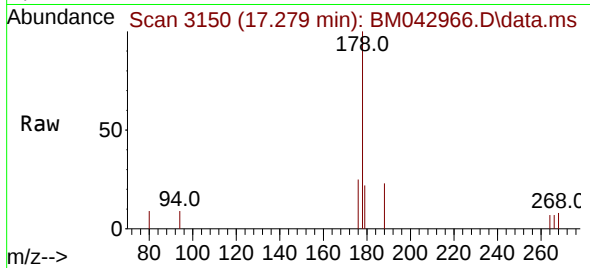
Tgt Ion:266 Resp: 526
Ion Ratio Lower Upper
266 100
264 61.2 52.2 78.2
268 65.8 48.0 72.0





#15
Phenanthrene
Concen: 0.318 ng/ul
RT: 17.279 min Scan# 3149
Delta R.T. 0.008 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34

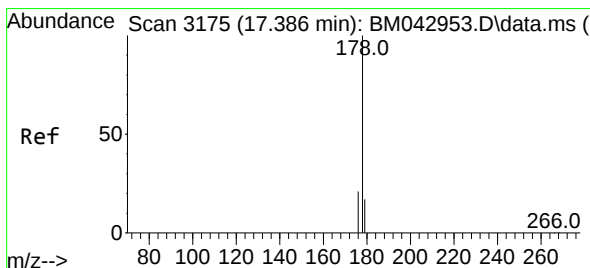
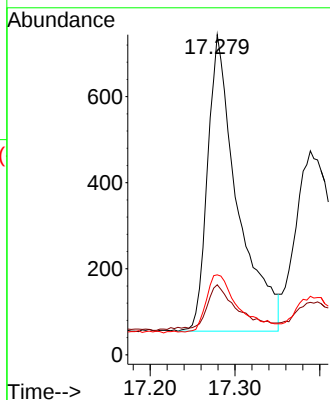
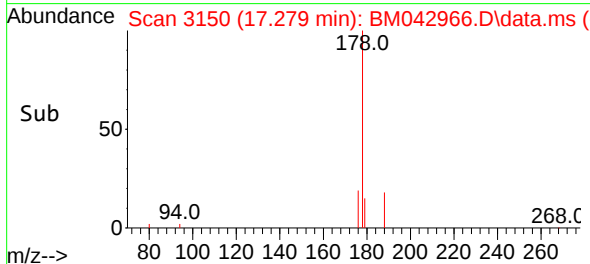
Instrument :
BNA_M
ClientSampleId :
SLCS008



Tgt Ion:178 Resp: 1683
Ion Ratio Lower Upper
178 100
179 21.9 14.9 22.3
176 25.0 18.6 27.8

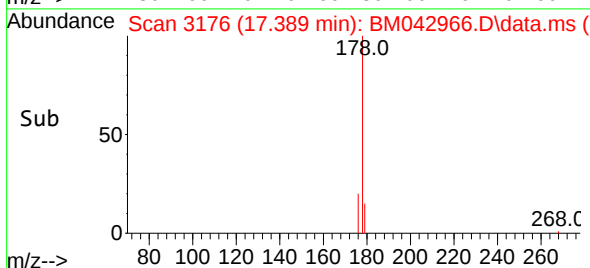
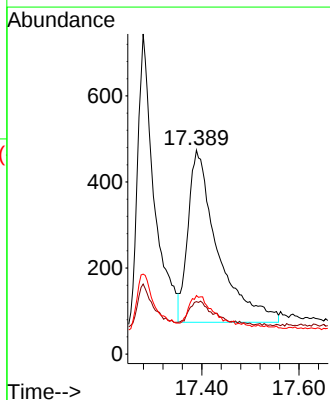
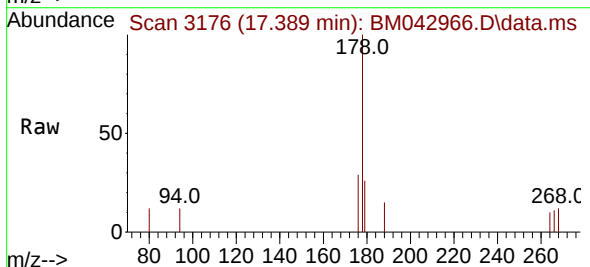
Manual Integrations
APPROVED

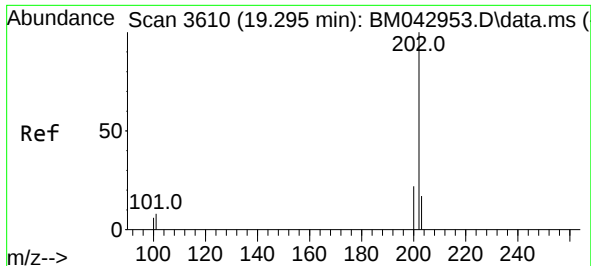
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023



#16
Anthracene
Concen: 0.308 ng/ul m
RT: 17.389 min Scan# 3176
Delta R.T. 0.017 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34

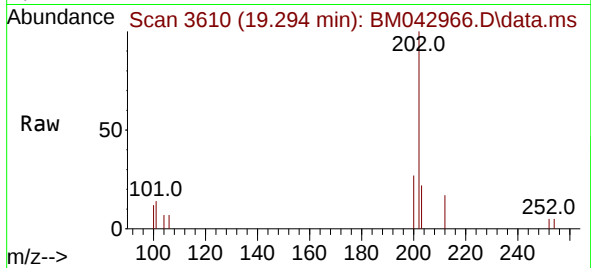
Tgt Ion:178 Resp: 1691
Ion Ratio Lower Upper
178 100
179 25.7 16.6 24.8#
176 28.7 20.3 30.5





#19
Fluoranthene
Concen: 0.330 ng/u1
RT: 19.294 min Scan# 3610
Delta R.T. 0.009 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34

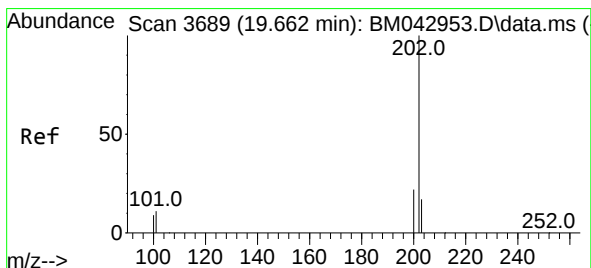
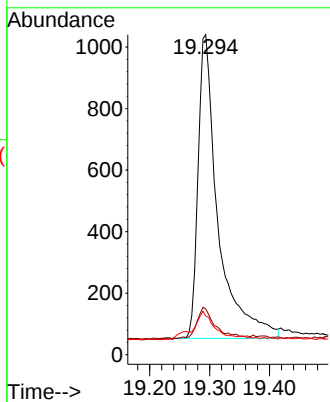
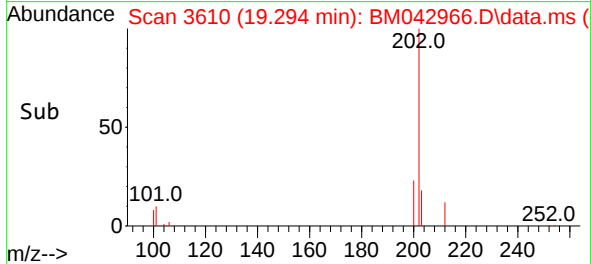
Instrument :
BNA_M
ClientSampleId :
SLCS008



Tgt Ion:202 Resp: 2290
Ion Ratio Lower Upper
202 100
101 14.3 10.2 15.4
100 12.1 8.2 12.2

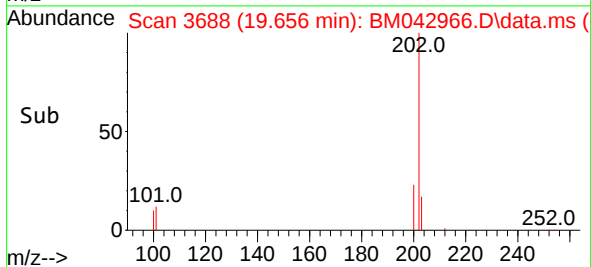
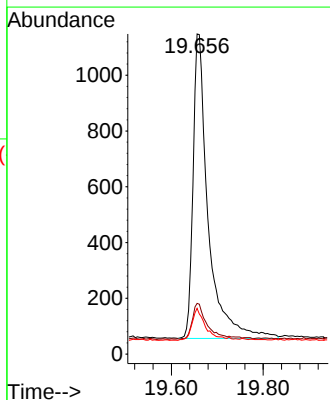
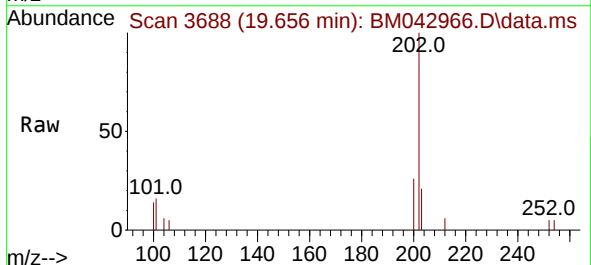
Manual Integrations
APPROVED

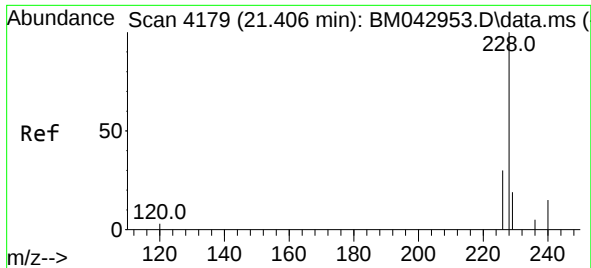
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023



#20
Pyrene
Concen: 0.334 ng/u1
RT: 19.656 min Scan# 3688
Delta R.T. 0.005 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34

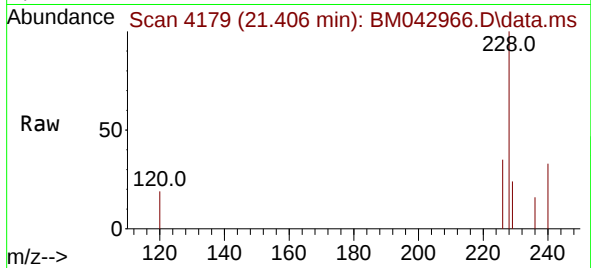
Tgt Ion:202 Resp: 2493
Ion Ratio Lower Upper
202 100
101 15.9 11.2 16.8
100 14.3 10.3 15.5





#21
Benzo(a)anthracene
Concen: 0.305 ng/u1
RT: 21.406 min Scan# 4179
Delta R.T. 0.006 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34

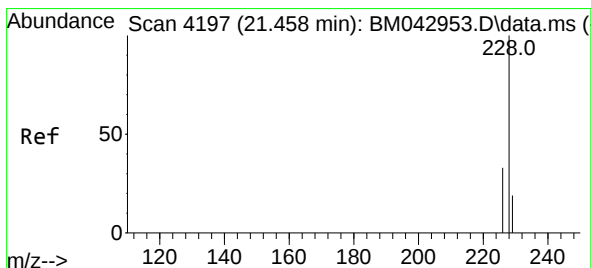
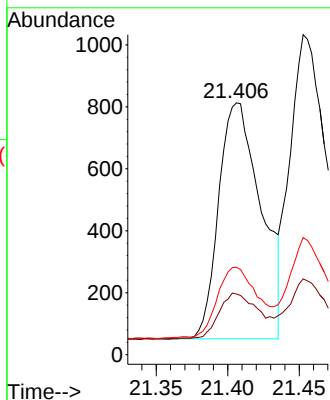
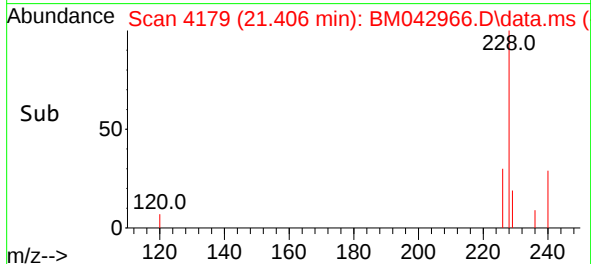
Instrument :
BNA_M
ClientSampleId :
SLCS008



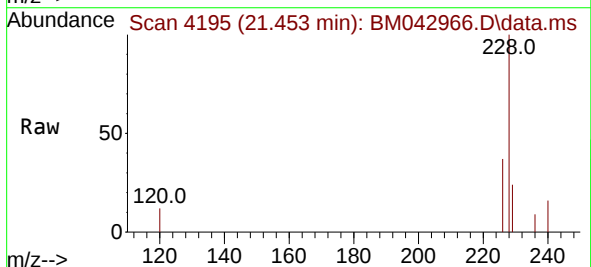
Tgt Ion:228 Resp: 1570
Ion Ratio Lower Upper
228 100
229 24.1 18.6 28.0
226 34.7 26.2 39.2

Manual Integrations
APPROVED

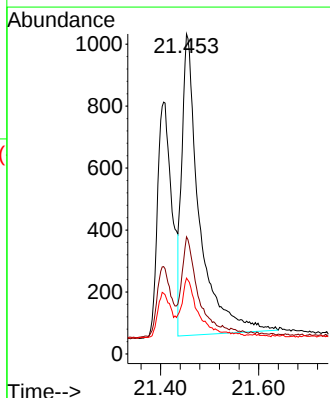
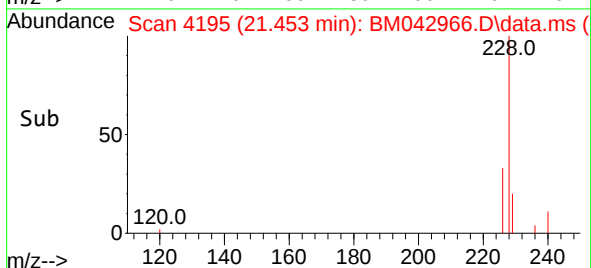
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023

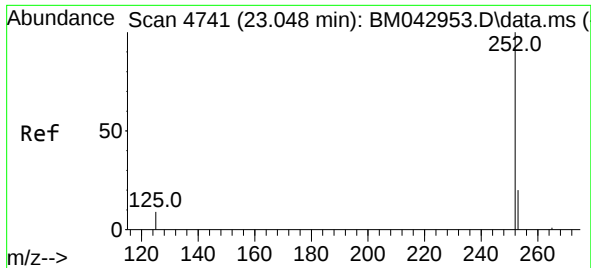


#22
Chrysene
Concen: 0.364 ng/u1
RT: 21.453 min Scan# 4195
Delta R.T. 0.003 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34



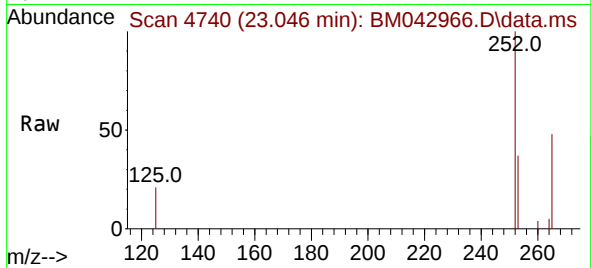
Tgt Ion:228 Resp: 2422
Ion Ratio Lower Upper
228 100
226 36.6 29.2 43.8
229 23.7 19.4 29.2





#24
Benzo(b)fluoranthene
Concen: 0.327 ng/ul
RT: 23.046 min Scan# 4741
Delta R.T. 0.003 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34

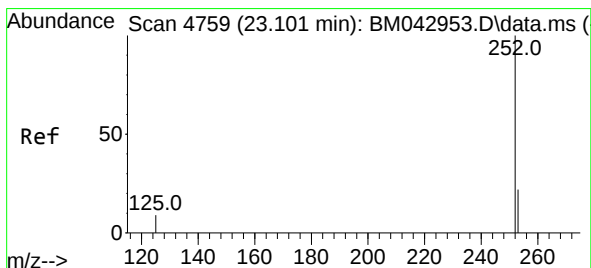
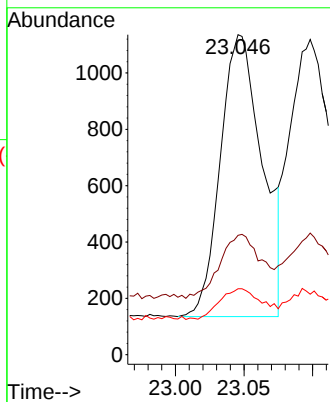
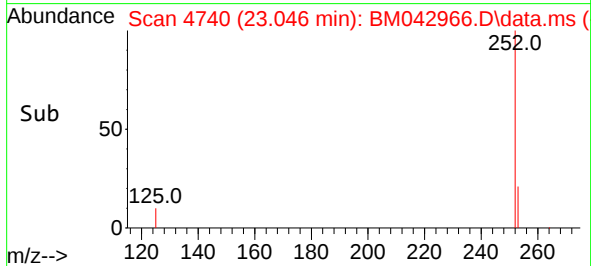
Instrument :
BNA_M
ClientSampleId :
SLCS008



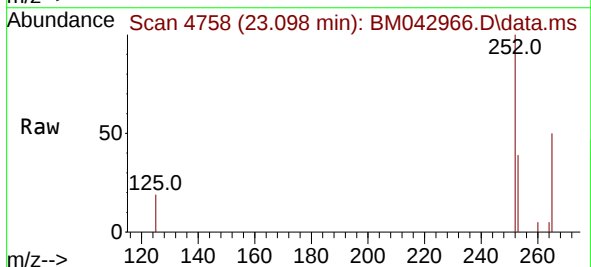
Tgt Ion:252 Resp: 212
Ion Ratio Lower Upper
252 100
253 37.3 0.0 77.4
125 20.6 0.0 42.0

Manual Integrations
APPROVED

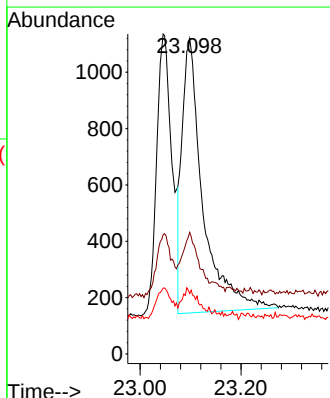
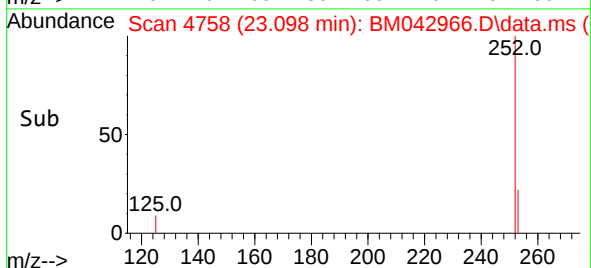
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023

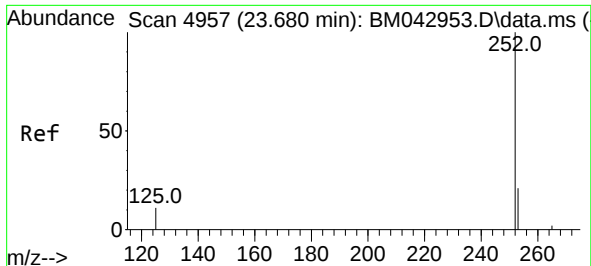


#25
Benzo(k)fluoranthene
Concen: 0.347 ng/ul
RT: 23.098 min Scan# 4758
Delta R.T. 0.009 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34



Tgt Ion:252 Resp: 2809
Ion Ratio Lower Upper
252 100
253 38.6 30.5 45.7
125 19.2 17.2 25.8





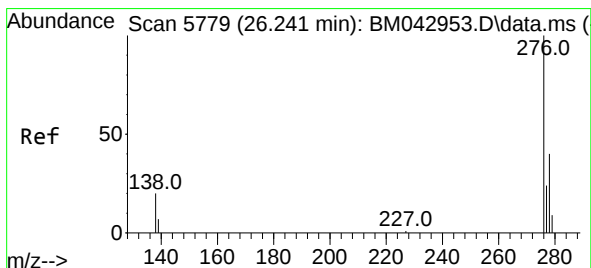
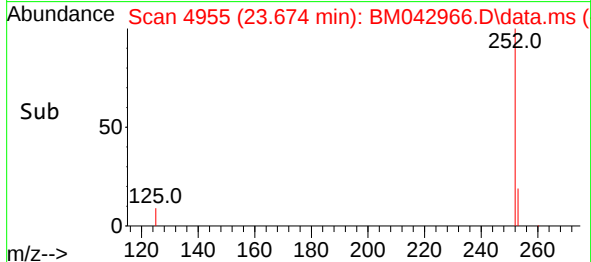
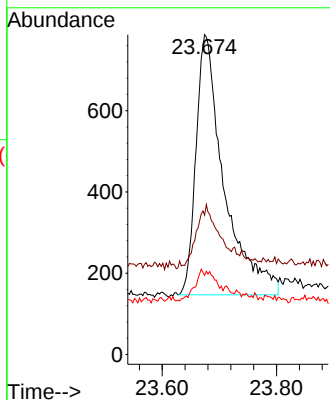
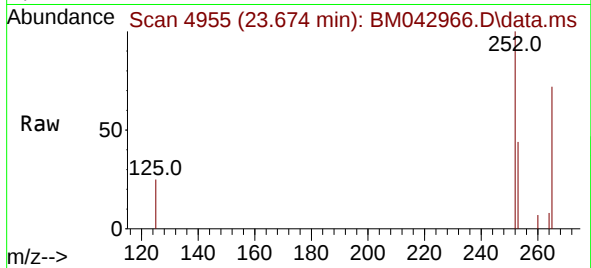
#26
Benzo(a)pyrene
Concen: 0.327 ng/ul
RT: 23.674 min Scan# 4955
Delta R.T. 0.006 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34

Instrument :
BNA_M
ClientSampleId :
SLCS008

Tgt Ion:252 Resp: 218
Ion Ratio Lower Upper
252 100
253 43.6 35.1 52.7
125 24.8 21.2 31.8

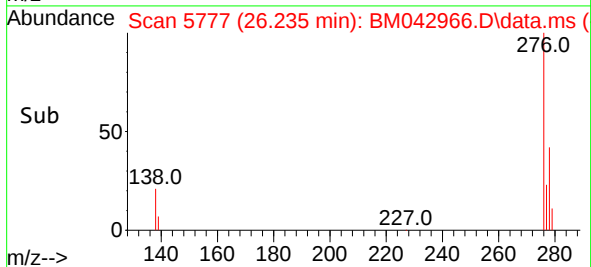
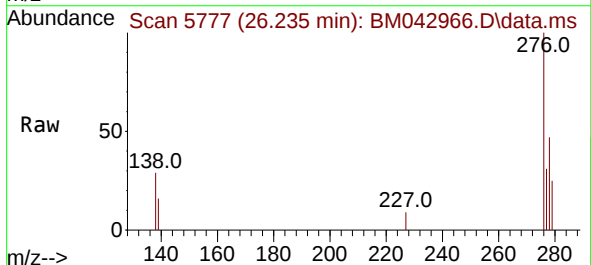
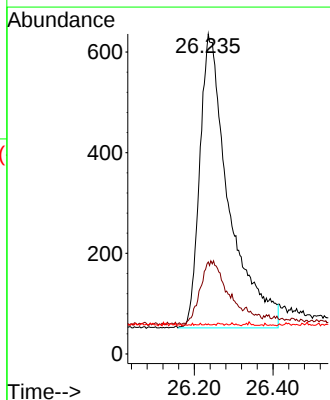
Manual Integrations
APPROVED

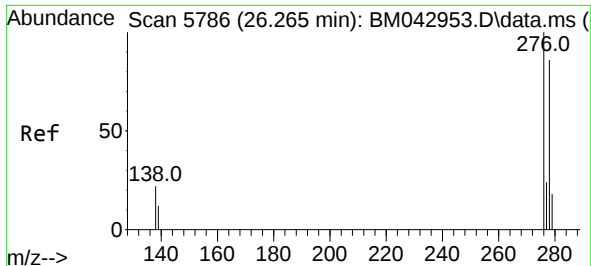
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.335 ng/ul
RT: 26.235 min Scan# 5777
Delta R.T. 0.007 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34

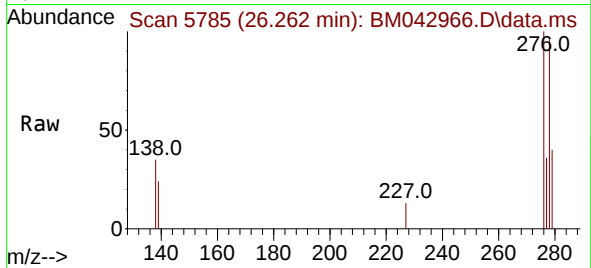
Tgt Ion:276 Resp: 2991
Ion Ratio Lower Upper
276 100
138 21.9 19.5 29.3
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.329 ng/ul
RT: 26.262 min Scan# 5786
Delta R.T. 0.020 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34

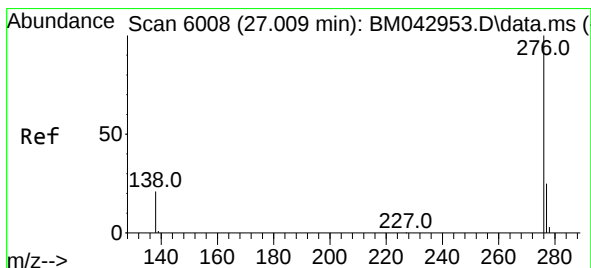
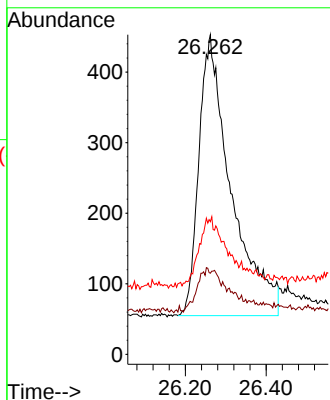
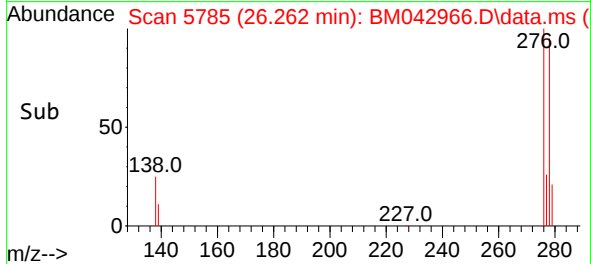
Instrument :
BNA_M
ClientSampleId :
SLCS008



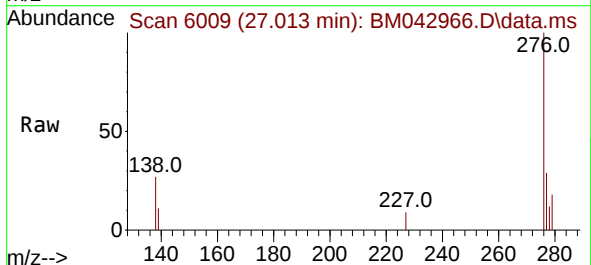
Tgt Ion: 278 Resp: 219
Ion Ratio Lower Upper
278 100
139 25.4 21.8 32.6
279 41.5 33.4 50.0

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 11/25/2023
Supervised By : mohammad ahmed 11/25/2023



#29
Benzo(g,h,i)perylene
Concen: 0.358 ng/ul
RT: 27.013 min Scan# 6009
Delta R.T. 0.017 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34



Tgt Ion: 276 Resp: 2720
Ion Ratio Lower Upper
276 100
138 27.0 22.2 33.4
277 29.1 25.9 38.9

