

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036950.D
 Acq On : 11 Oct 2022 18:17
 Operator : CG/JU
 Sample : N5024-01
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BE6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/12/2022
 Supervised By :mohammad ahmed 10/12/2022

Quant Time: Oct 12 01:27:21 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 09:03:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	8734	0.400	ng/ul	0.00
4) Naphthalene-d8	10.760	136	30892	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.580	164	16315	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.318	188	30773	0.400	ng/ul	0.00
17) Chrysene-d12	21.485	240	17953	0.400	ng/ul	0.00
23) Perylene-d12	23.882	264	15311	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	39938	3.242	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	9505	0.204	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	15416	0.287	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.809	128	22484	0.255	ng/ul	97
7) 2-Methylnaphthalene	12.415	142	13340	0.247	ng/ul	92
8) 1-Methylnaphthalene	12.635	142	15523	0.283	ng/ul	98
10) Acenaphthylene	14.302	152	41231	0.608	ng/ul	99
11) Acenaphthene	14.640	153	4544	0.077	ng/ul	99
12) Fluorene	15.625	166	11214	0.168	ng/ul	99
15) Phenanthrene	17.356	178	386444	3.934	ng/ul	99
16) Anthracene	17.448	178	28950	0.353	ng/ul	99
19) Fluoranthene	19.368	202	446427	6.252	ng/ul	96
20) Pyrene	19.731	202	356280	4.784	ng/ul	96
21) Benzo(a)anthracene	21.471	228	106834	1.647	ng/ul	98
22) Chrysene	21.523	228	145449	2.089	ng/ul	98
24) Benzo(b)fluoranthene	23.154	252	175069	2.560	ng/ul	87
25) Benzo(k)fluoranthene	23.195	252	58864m	0.883	ng/ul	
26) Benzo(a)pyrene	23.777	252	105515	1.901	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.366	276	90831	1.155	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.380	278	20817	0.328	ng/ul	96
29) Benzo(g,h,i)perylene	27.134	276	84857	1.225	ng/ul	96

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

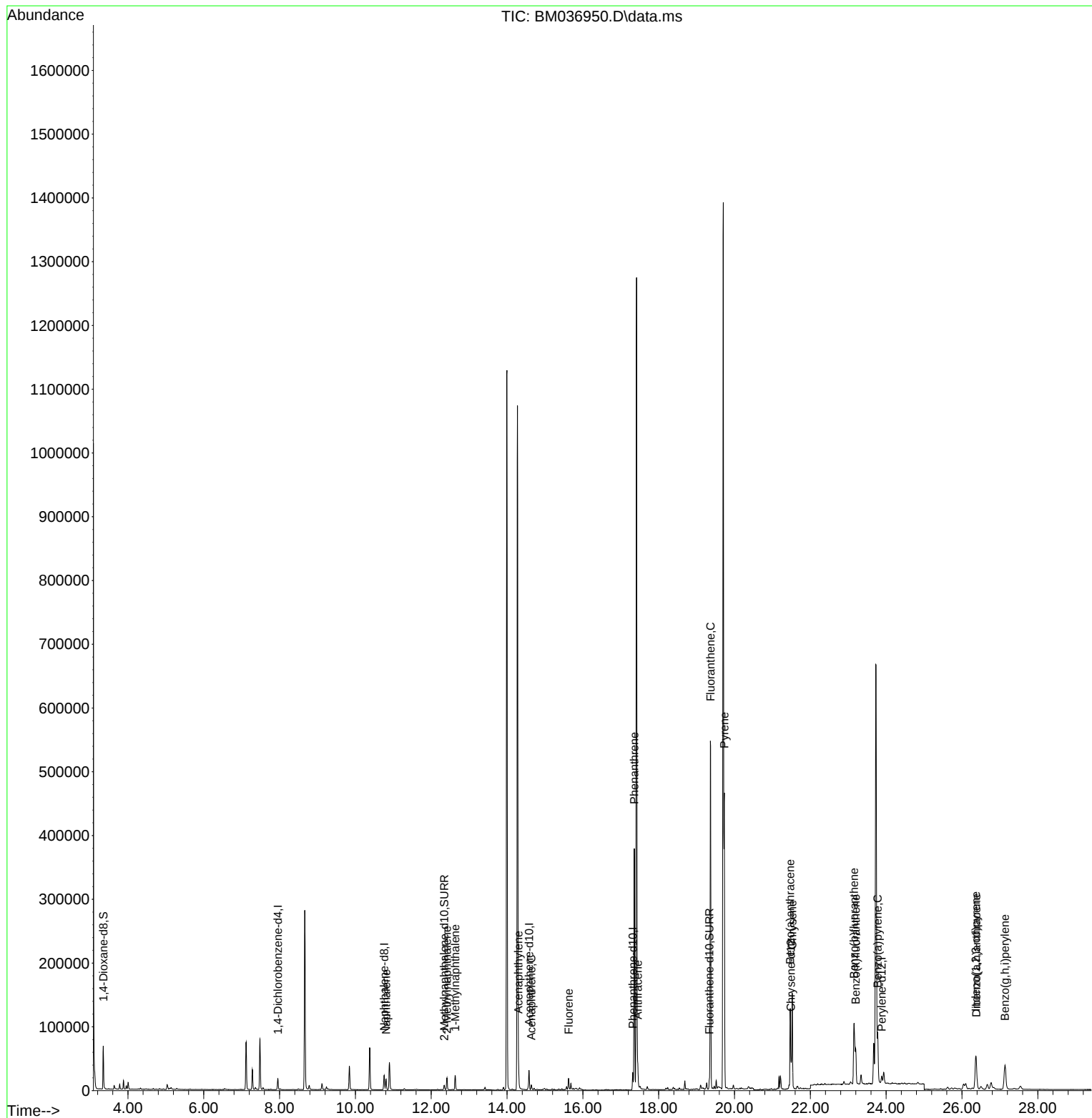
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
Data File : BM036950.D
Acq On : 11 Oct 2022 18:17
Operator : CG/JU
Sample : N5024-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

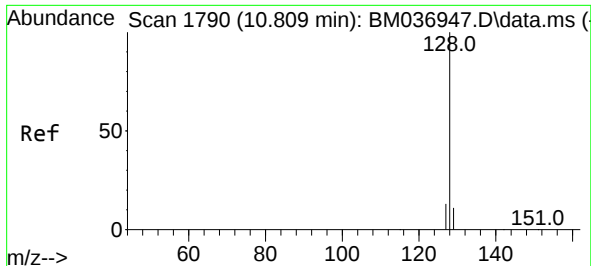
Instrument :
BNA_M
ClientSampleId :
C0BE6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022

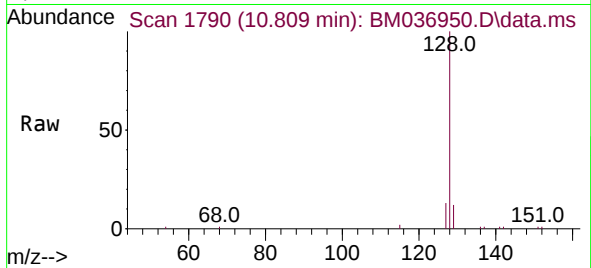
Quant Time: Oct 12 01:27:21 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 09:03:52 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.255 ng/ul
RT: 10.809 min Scan# 1790
Delta R.T. 0.006 min
Lab File: BM036950.D
Acq: 11 Oct 2022 18:17

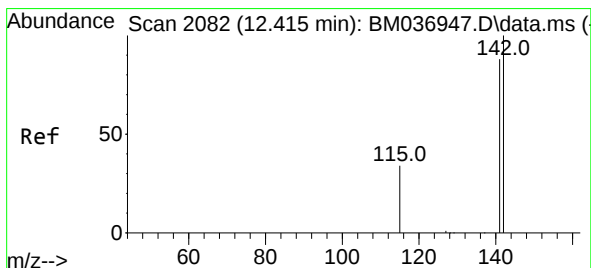
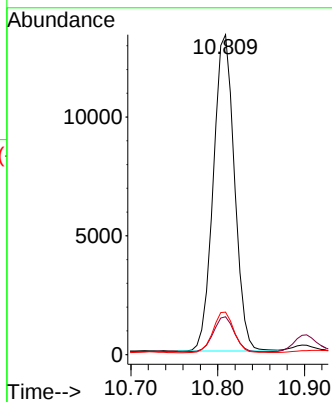
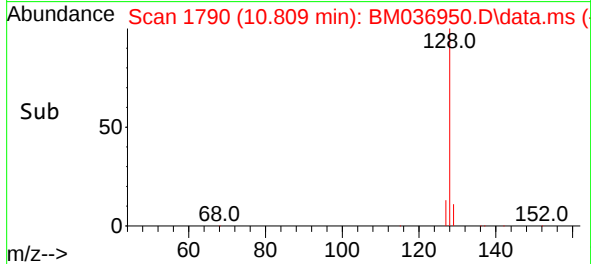
Instrument :
BNA_M
ClientSampleId :
C0BE6



Tgt Ion:128 Resp: 22484
Ion Ratio Lower Upper
128 100
129 11.8 10.2 15.2
127 13.3 11.7 17.5

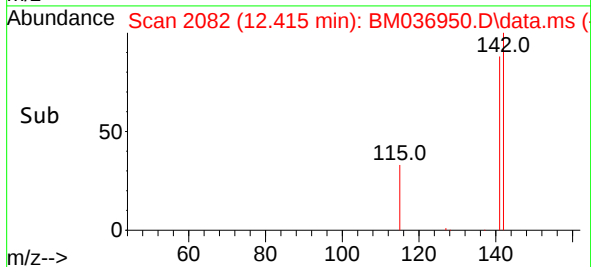
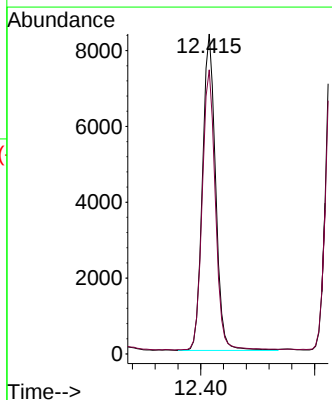
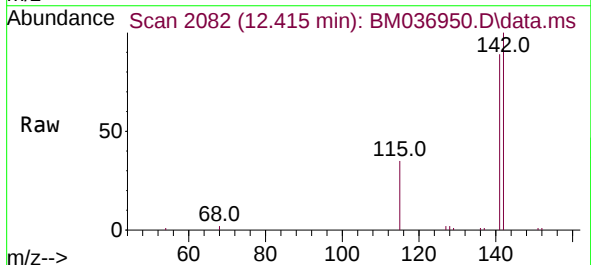
Manual Integrations
APPROVED

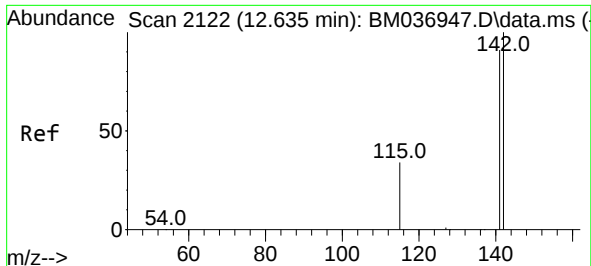
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#7
2-Methylnaphthalene
Concen: 0.247 ng/ul
RT: 12.415 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM036950.D
Acq: 11 Oct 2022 18:17

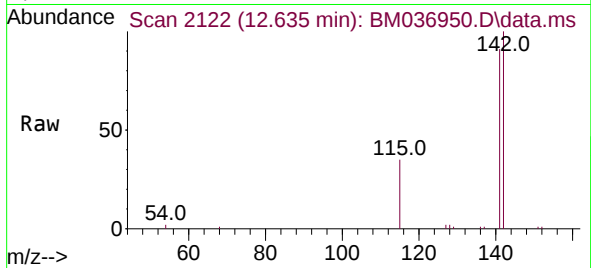
Tgt Ion:142 Resp: 13340
Ion Ratio Lower Upper
142 100
141 88.7 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.283 ng/ul
RT: 12.635 min Scan# 2122
Delta R.T. 0.006 min
Lab File: BM036950.D
Acq: 11 Oct 2022 18:17

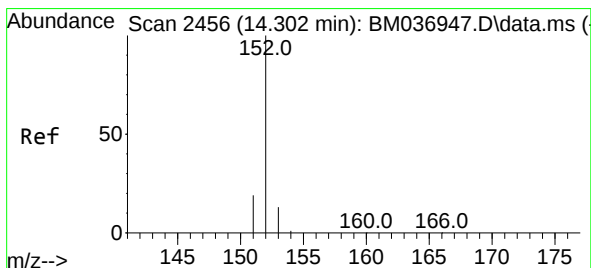
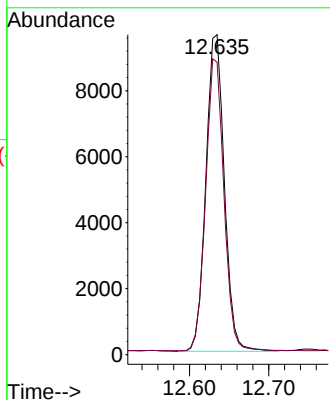
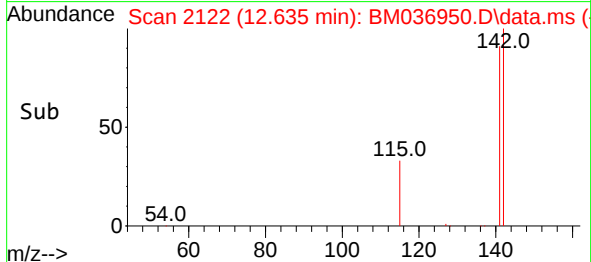
Instrument :
BNA_M
ClientSampleId :
C0BE6



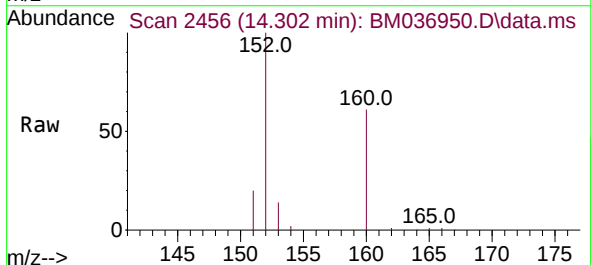
Tgt Ion:142 Resp: 15523
Ion Ratio Lower Upper
142 100
141 91.1 74.1 111.1

Manual Integrations
APPROVED

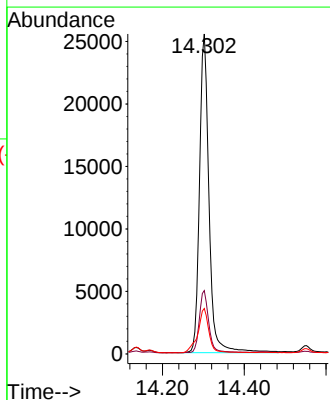
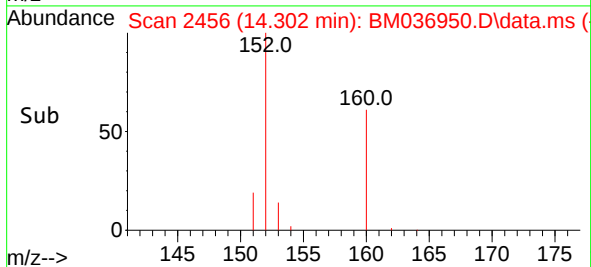
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022

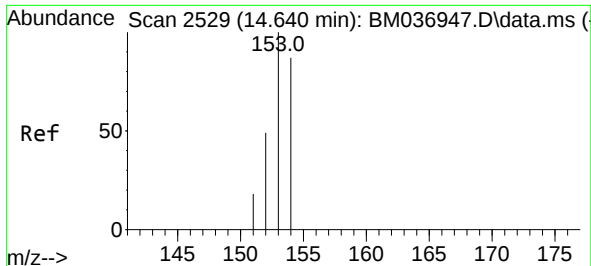


#10
Acenaphthylene
Concen: 0.608 ng/ul
RT: 14.302 min Scan# 2456
Delta R.T. 0.005 min
Lab File: BM036950.D
Acq: 11 Oct 2022 18:17



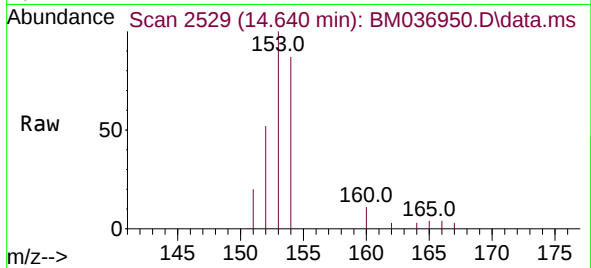
Tgt Ion:152 Resp: 41231
Ion Ratio Lower Upper
152 100
151 19.8 16.6 24.8
153 14.2 11.4 17.0





#11
Acenaphthene
Concen: 0.077 ng/ul
RT: 14.640 min Scan# 2529
Delta R.T. 0.000 min
Lab File: BM036950.D
Acq: 11 Oct 2022 18:17

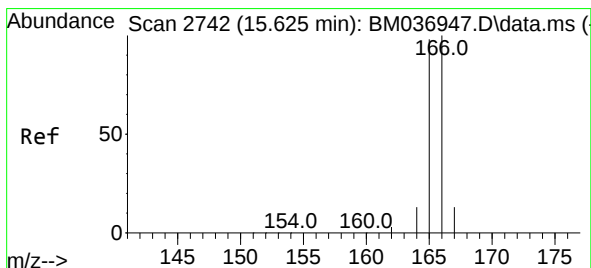
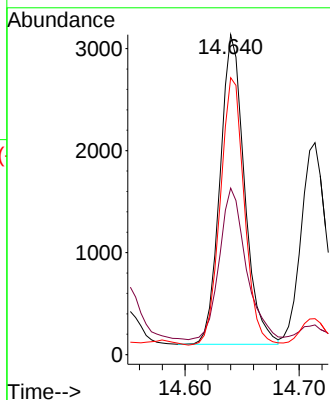
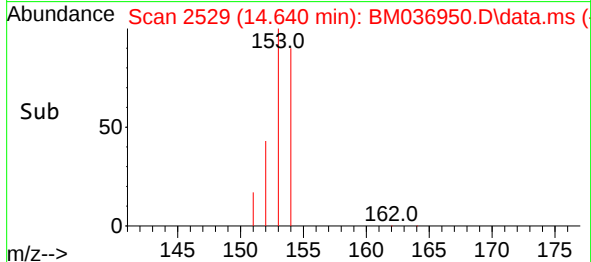
Instrument :
BNA_M
ClientSampleId :
C0BE6



Tgt Ion:153 Resp: 4544
Ion Ratio Lower Upper
153 100
152 52.0 40.2 60.4
154 86.5 69.7 104.5

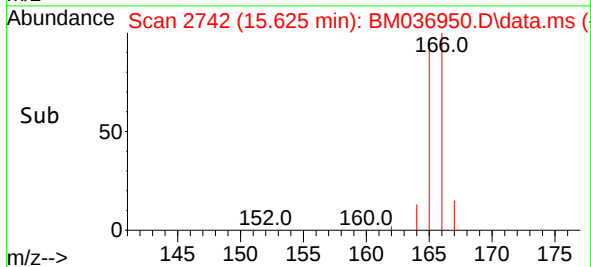
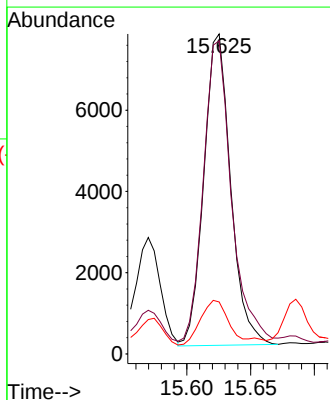
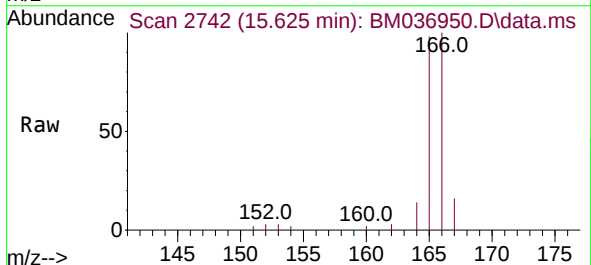
Manual Integrations
APPROVED

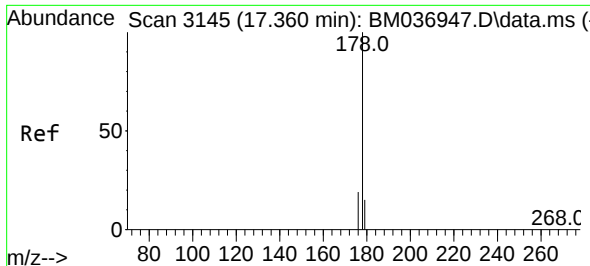
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#12
Fluorene
Concen: 0.168 ng/ul
RT: 15.625 min Scan# 2742
Delta R.T. 0.005 min
Lab File: BM036950.D
Acq: 11 Oct 2022 18:17

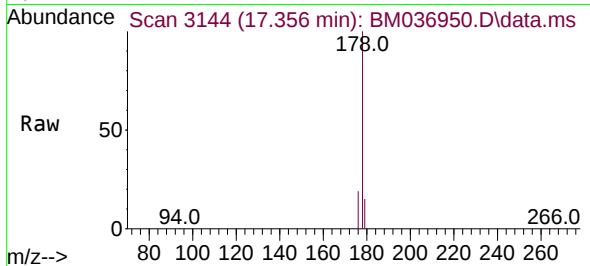
Tgt Ion:166 Resp: 11214
Ion Ratio Lower Upper
166 100
165 97.8 78.9 118.3
167 16.3 11.3 16.9





#15
Phenanthrene
Concen: 3.934 ng/ul
RT: 17.356 min Scan# 3145
Delta R.T. 0.000 min
Lab File: BM036950.D
Acq: 11 Oct 2022 18:17

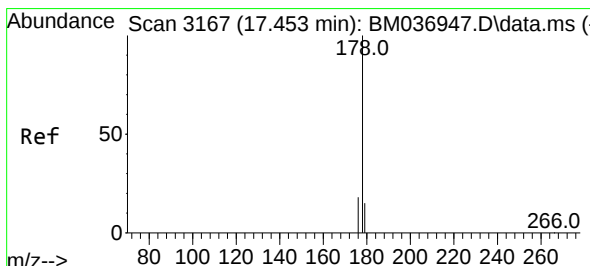
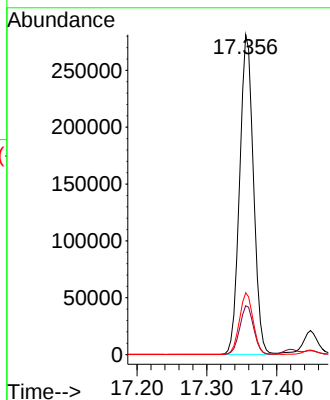
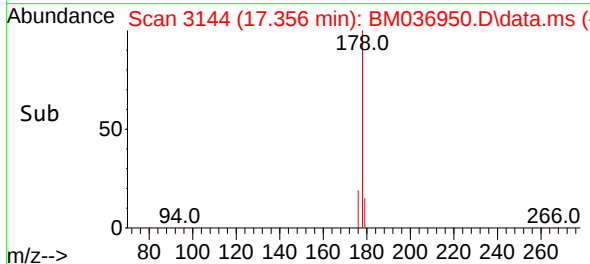
Instrument :
BNA_M
ClientSampleId :
C0BE6



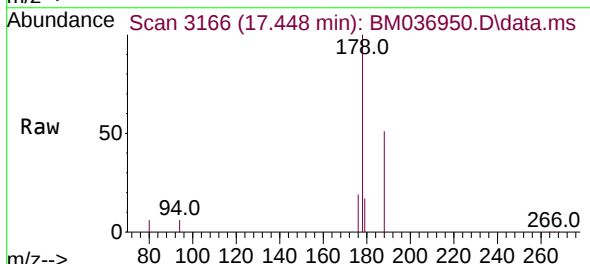
Tgt Ion:178 Resp: 386444
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.6
176 19.3 15.6 23.4

Manual Integrations
APPROVED

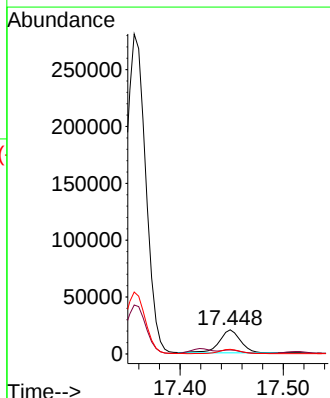
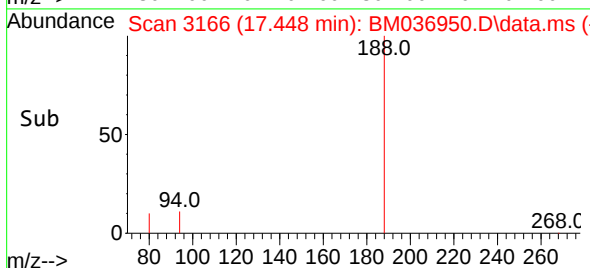
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022

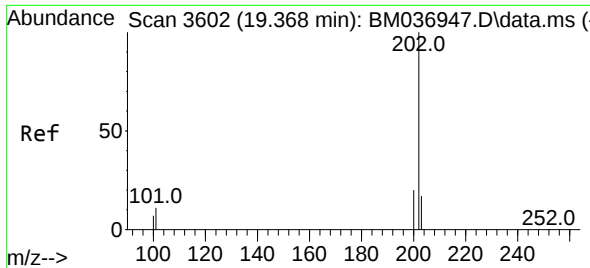


#16
Anthracene
Concen: 0.353 ng/ul
RT: 17.448 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM036950.D
Acq: 11 Oct 2022 18:17



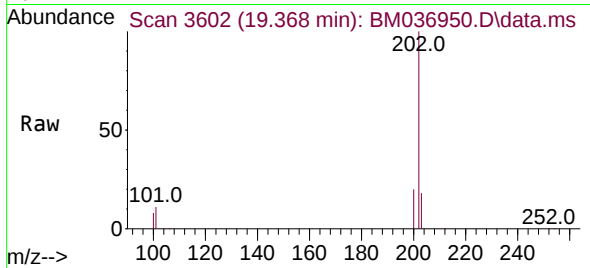
Tgt Ion:178 Resp: 28950
Ion Ratio Lower Upper
178 100
179 16.6 13.6 20.4
176 19.0 15.6 23.4





#19
Fluoranthene
Concen: 6.252 ng/ul
RT: 19.368 min Scan# 3602
Delta R.T. 0.005 min
Lab File: BM036950.D
Acq: 11 Oct 2022 18:17

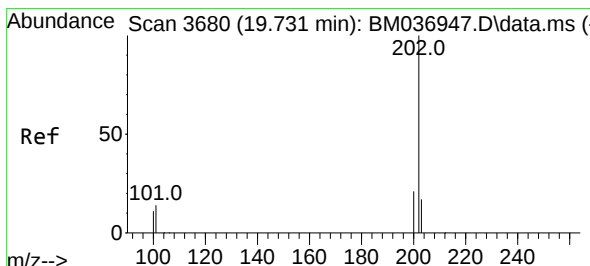
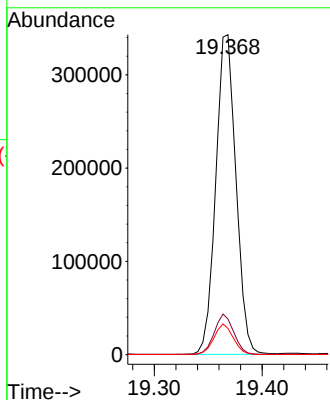
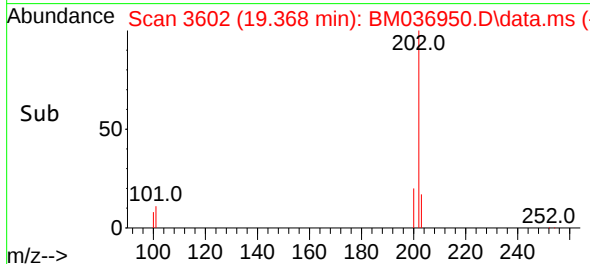
Instrument :
BNA_M
ClientSampleId :
C0BE6



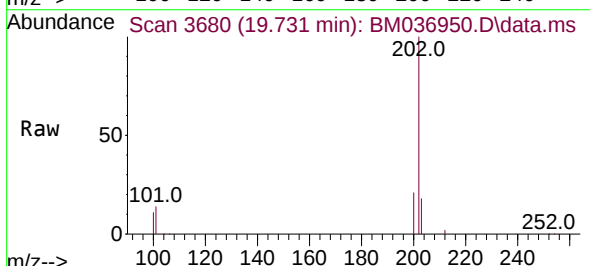
Tgt Ion:202 Resp: 446427
Ion Ratio Lower Upper
202 100
101 11.1 10.1 15.1
100 8.2 7.9 11.9

Manual Integrations
APPROVED

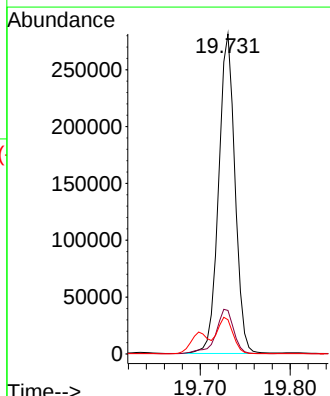
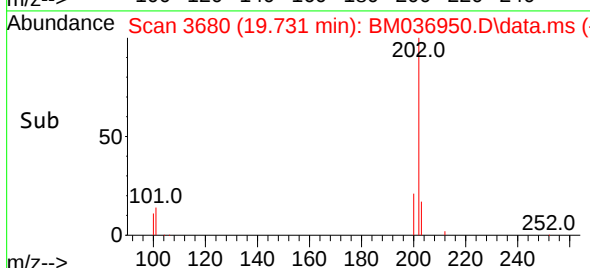
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022

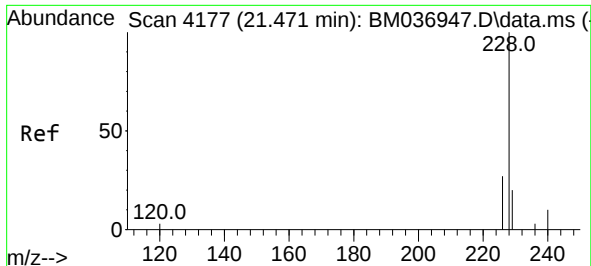


#20
Pyrene
Concen: 4.784 ng/ul
RT: 19.731 min Scan# 3680
Delta R.T. 0.005 min
Lab File: BM036950.D
Acq: 11 Oct 2022 18:17



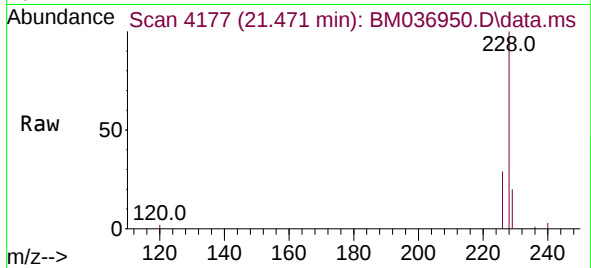
Tgt Ion:202 Resp: 356280
Ion Ratio Lower Upper
202 100
101 13.6 12.0 18.0
100 10.7 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.647 ng/ul
RT: 21.471 min Scan# 4177
Delta R.T. 0.003 min
Lab File: BM036950.D
Acq: 11 Oct 2022 18:17

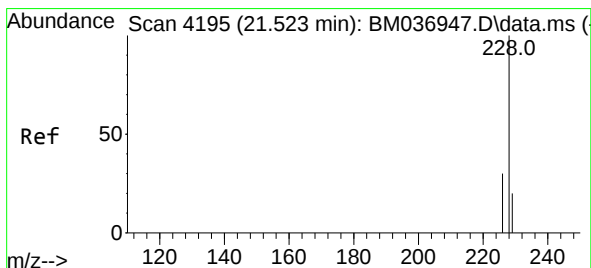
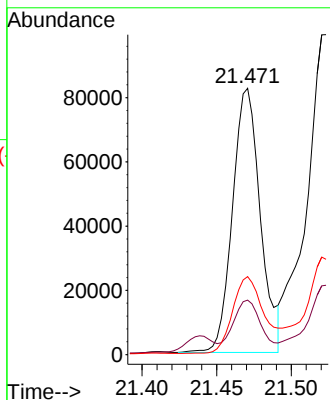
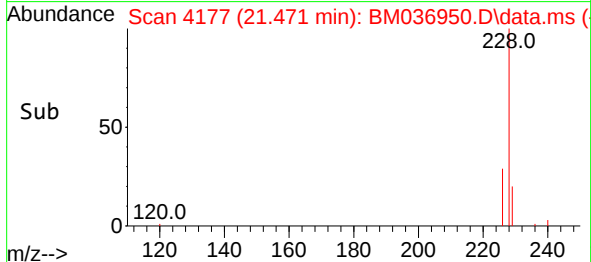
Instrument :
BNA_M
ClientSampleId :
C0BE6



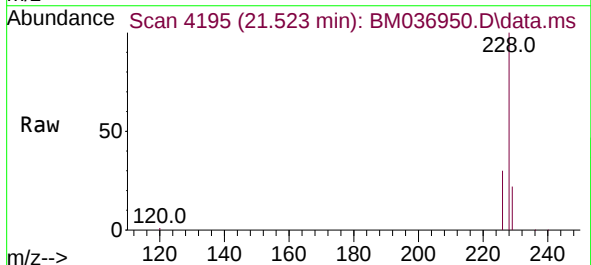
Tgt Ion:228 Resp: 106834
Ion Ratio Lower Upper
228 100
229 20.4 16.2 24.2
226 29.3 22.5 33.7

Manual Integrations
APPROVED

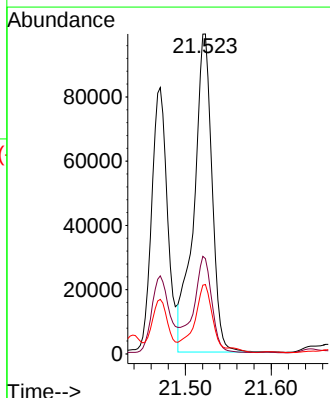
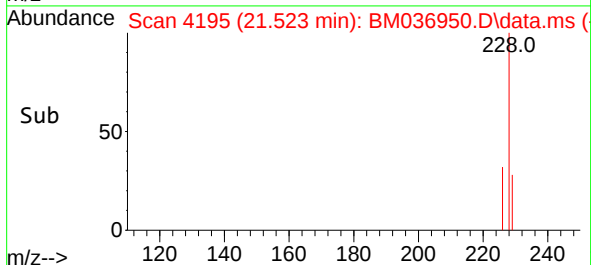
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022

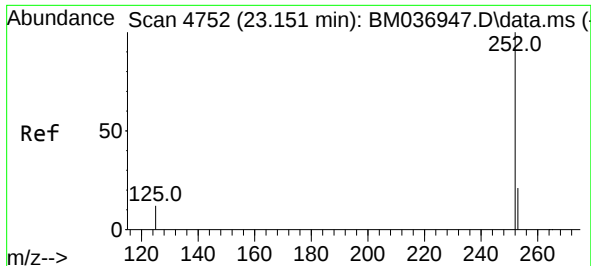


#22
Chrysene
Concen: 2.089 ng/ul
RT: 21.523 min Scan# 4195
Delta R.T. 0.003 min
Lab File: BM036950.D
Acq: 11 Oct 2022 18:17



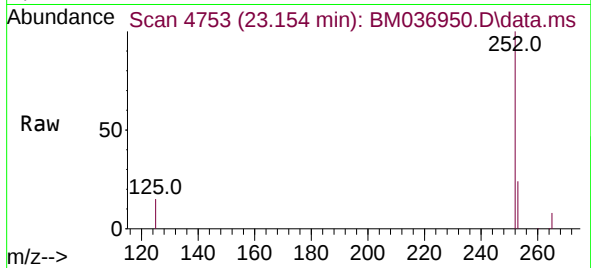
Tgt Ion:228 Resp: 145449
Ion Ratio Lower Upper
228 100
226 29.8 24.6 37.0
229 21.7 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 2.560 ng/ul
RT: 23.154 min Scan# 4752
Delta R.T. 0.009 min
Lab File: BM036950.D
Acq: 11 Oct 2022 18:17

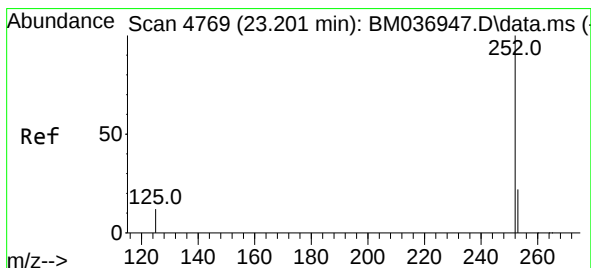
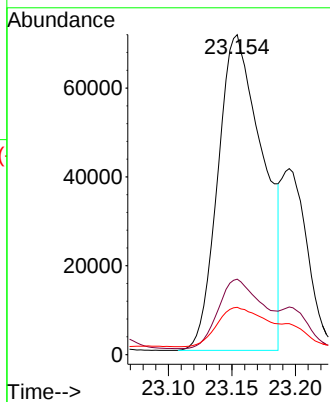
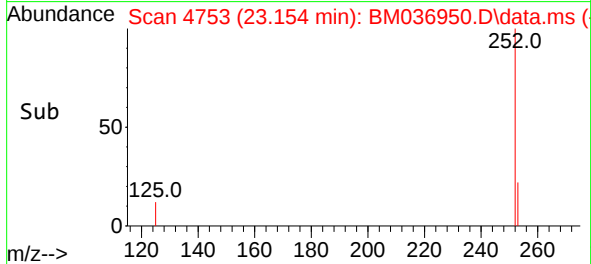
Instrument :
BNA_M
ClientSampleId :
C0BE6



Tgt Ion:252 Resp: 175069
Ion Ratio Lower Upper
252 100
253 23.6 0.0 61.4
125 14.8 0.0 42.6

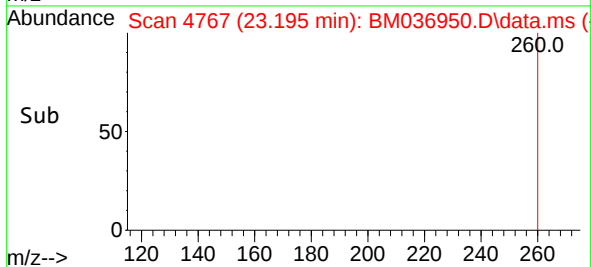
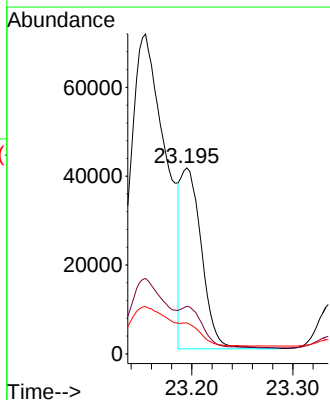
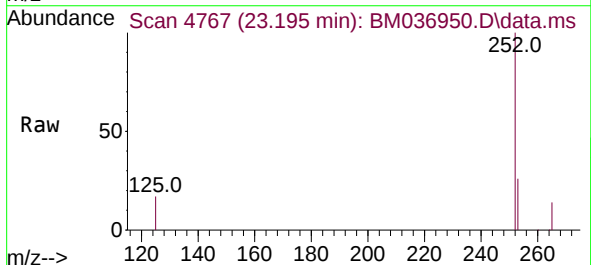
Manual Integrations
APPROVED

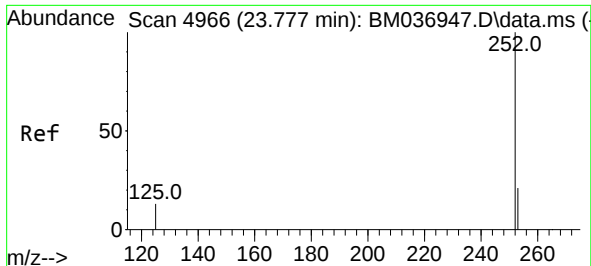
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#25
Benzo(k)fluoranthene
Concen: 0.883 ng/ul m
RT: 23.195 min Scan# 4767
Delta R.T. 0.000 min
Lab File: BM036950.D
Acq: 11 Oct 2022 18:17

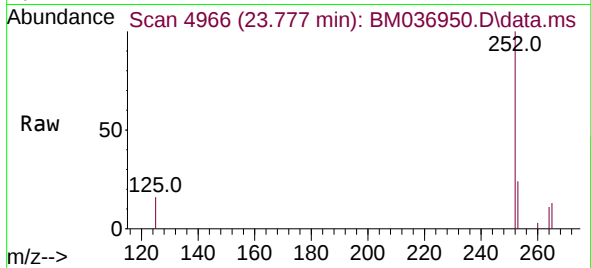
Tgt Ion:252 Resp: 58864
Ion Ratio Lower Upper
252 100
253 25.6 25.2 37.8
125 16.7 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 1.901 ng/ul
RT: 23.777 min Scan# 4966
Delta R.T. 0.006 min
Lab File: BM036950.D
Acq: 11 Oct 2022 18:17

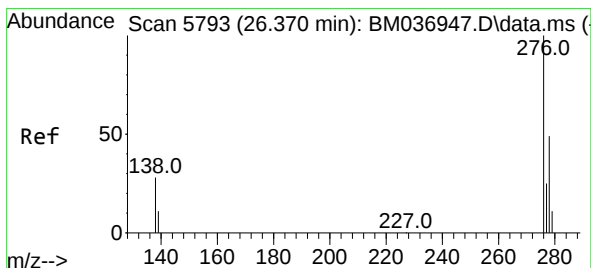
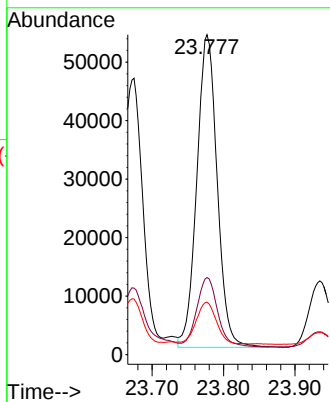
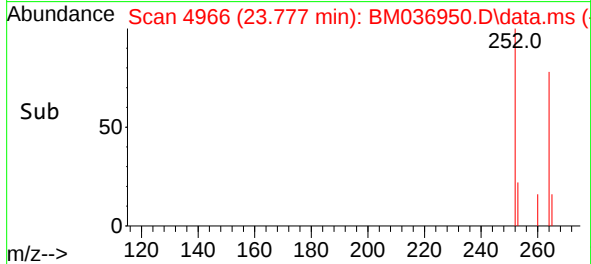
Instrument :
BNA_M
ClientSampleId :
C0BE6



Tgt Ion:252 Resp: 105515
Ion Ratio Lower Upper
252 100
253 24.1 29.7 44.5
125 16.4 23.6 35.4

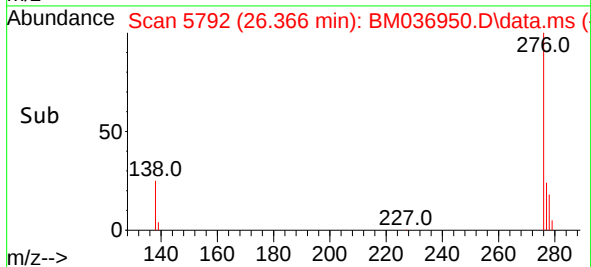
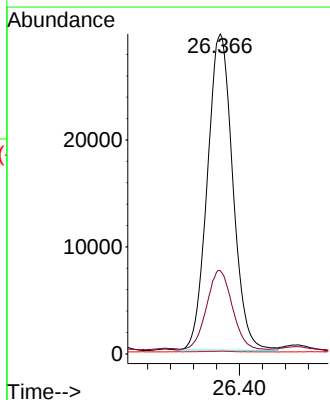
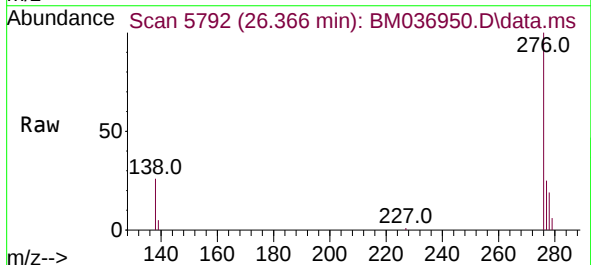
Manual Integrations
APPROVED

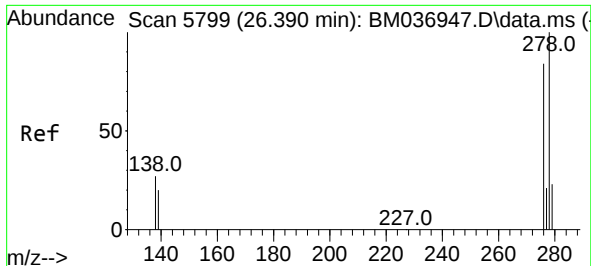
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.155 ng/ul
RT: 26.366 min Scan# 5792
Delta R.T. 0.004 min
Lab File: BM036950.D
Acq: 11 Oct 2022 18:17

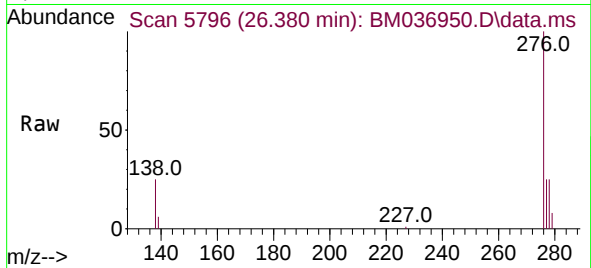
Tgt Ion:276 Resp: 90831
Ion Ratio Lower Upper
276 100
138 25.5 23.9 35.9
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.328 ng/ul
RT: 26.380 min Scan# 5799
Delta R.T. 0.000 min
Lab File: BM036950.D
Acq: 11 Oct 2022 18:17

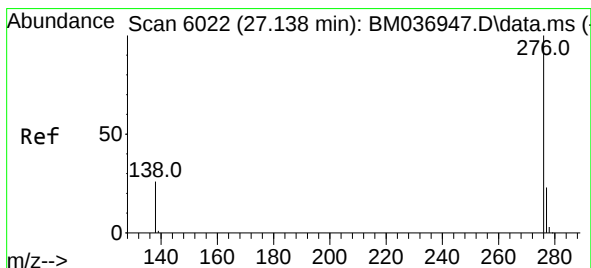
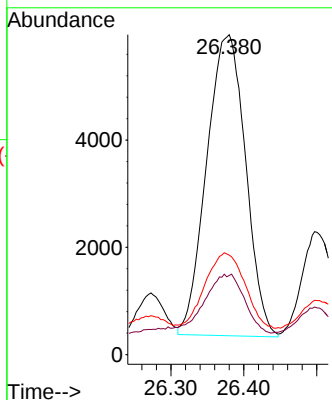
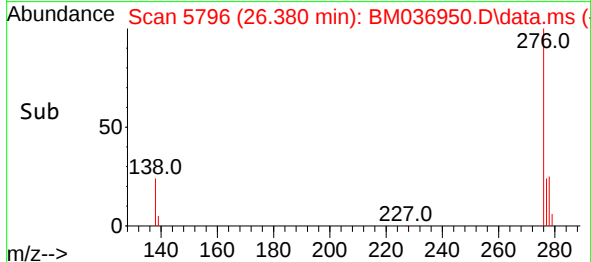
Instrument :
BNA_M
ClientSampleId :
C0BE6



Tgt Ion:278 Resp: 20817
Ion Ratio Lower Upper
278 100
139 24.7 19.8 29.6
279 31.1 27.7 41.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#29
Benzo(g,h,i)perylene
Concen: 1.225 ng/ul
RT: 27.134 min Scan# 6021
Delta R.T. 0.007 min
Lab File: BM036950.D
Acq: 11 Oct 2022 18:17

Tgt Ion:276 Resp: 84857
Ion Ratio Lower Upper
276 100
138 27.0 23.4 35.0
277 24.4 21.0 31.4

