

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
 Data File : BM038128.D
 Acq On : 20 Dec 2022 07:16
 Operator : CG/JU
 Sample : N6006-16
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYC4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022
 Supervised By :mohammad ahmed 12/20/2022

Quant Time: Dec 20 07:56:15 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 05:21:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	4904	0.400	ng/ul	0.00
4) Naphthalene-d8	10.862	136	15613	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.675	164	9312	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	19324	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	14811	0.400	ng/ul	0.00
23) Perylene-d12	24.026	264	13985	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	33598	5.013	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.440	152	9463	0.415	ng/ul	0.00
18) Fluoranthene-d10	19.427	212	21594	0.402	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.911	128	1417	0.030	ng/ul#	80
14) Pentachlorophenol	17.067	266	228	0.028	ng/ul	93
15) Phenanthrene	17.451	178	8471	0.130	ng/ul	96
16) Anthracene	17.544	178	1826	0.030	ng/ul#	77
19) Fluoranthene	19.459	202	23594	0.308	ng/ul	97
20) Pyrene	19.822	202	18403m	0.236	ng/ul	
21) Benzo(a)anthracene	21.559	228	11965	0.187	ng/ul	97
22) Chrysene	21.615	228	13559	0.210	ng/ul	96
24) Benzo(b)fluoranthene	23.278	252	21180	0.319	ng/ul	89
25) Benzo(k)fluoranthene	23.322	252	7306m	0.114	ng/ul	
26) Benzo(a)pyrene	23.921	252	12251	0.219	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.585	276	9907	0.141	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.602	278	2757	0.050	ng/ul#	37
29) Benzo(g,h,i)perylene	27.377	276	6734	0.113	ng/ul#	90

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

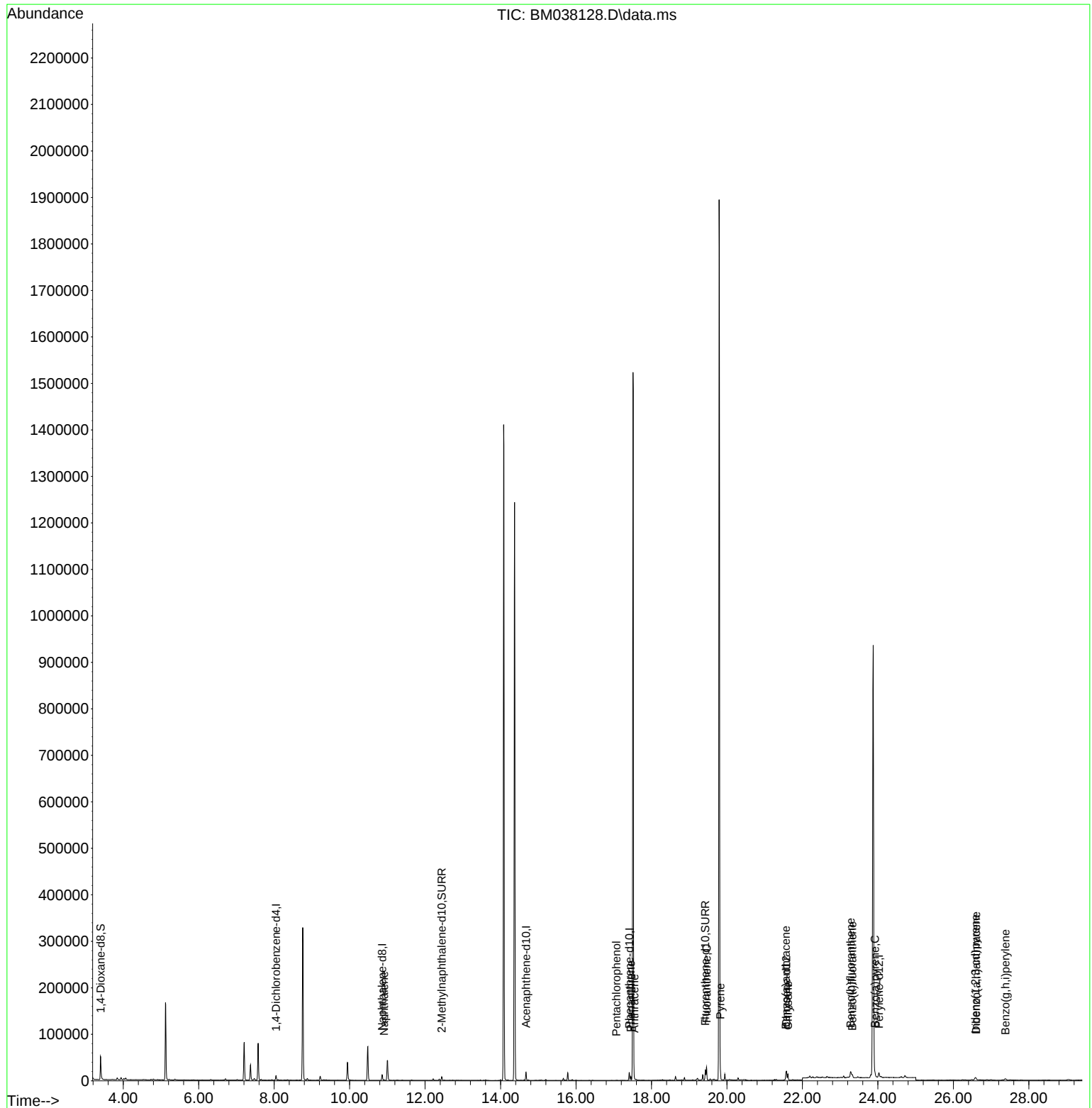
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
Data File : BM038128.D
Acq On : 20 Dec 2022 07:16
Operator : CG/JU
Sample : N6006-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

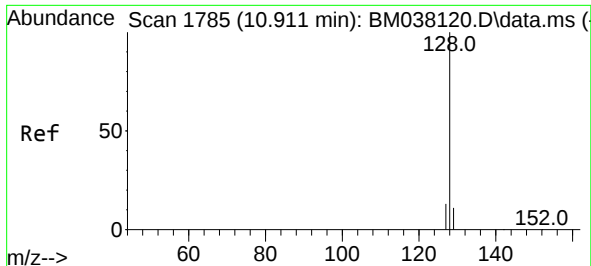
Instrument :
BNA_M
ClientSampleId :
DBYC4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

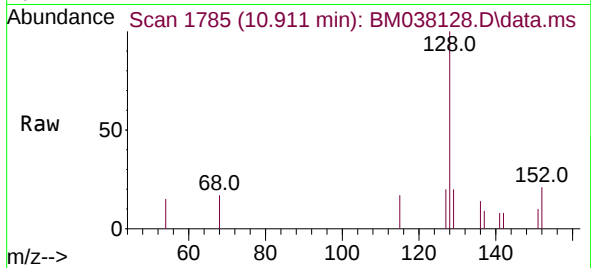
Quant Time: Dec 20 07:56:15 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 05:21:07 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.911 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BM038128.D
Acq: 20 Dec 2022 07:16

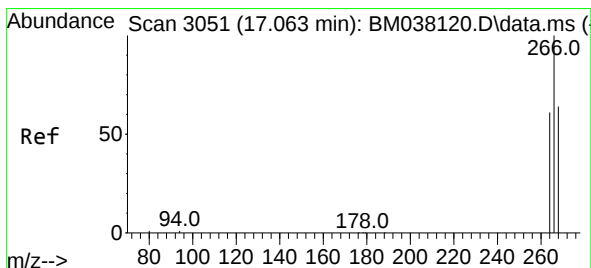
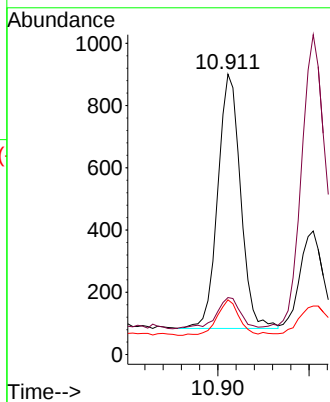
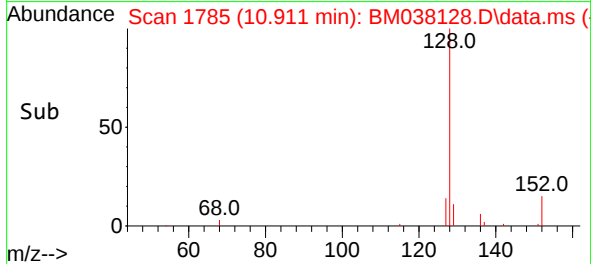
Instrument :
BNA_M
ClientSampleId :
DBYC4



Tgt Ion:128 Resp: 1417
Ion Ratio Lower Upper
128 100
129 20.3 9.1 13.7
127 19.5 10.4 15.6

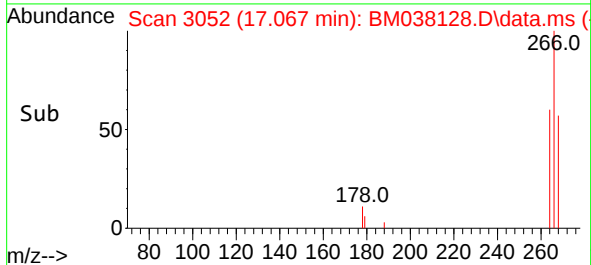
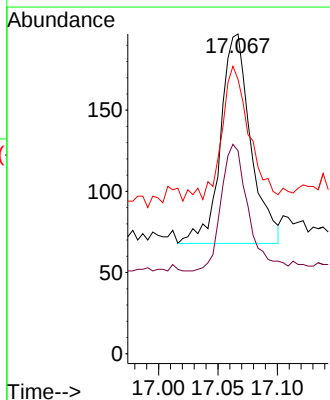
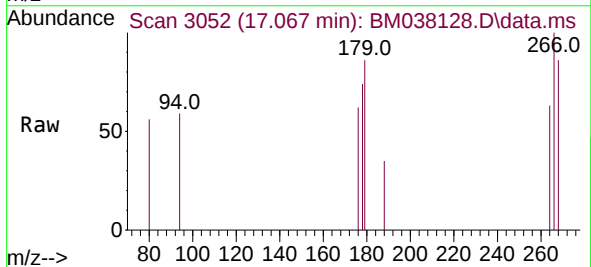
Manual Integrations
APPROVED

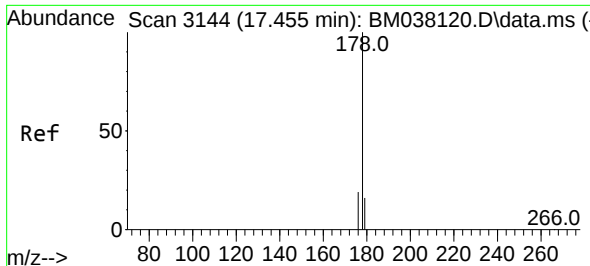
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#14
Pentachlorophenol
Concen: 0.028 ng/ul
RT: 17.067 min Scan# 3052
Delta R.T. -0.000 min
Lab File: BM038128.D
Acq: 20 Dec 2022 07:16

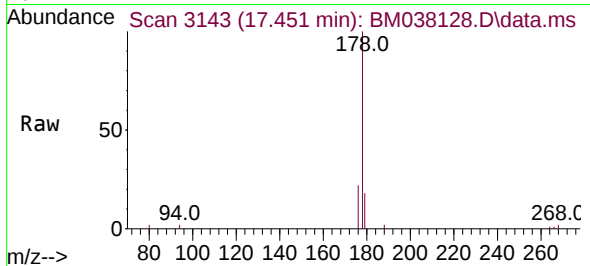
Tgt Ion:266 Resp: 228
Ion Ratio Lower Upper
266 100
264 54.8 49.9 74.9
268 62.3 52.0 78.0





#15
Phenanthrene
Concen: 0.130 ng/ul
RT: 17.451 min Scan# 3143
Delta R.T. -0.008 min
Lab File: BM038128.D
Acq: 20 Dec 2022 07:16

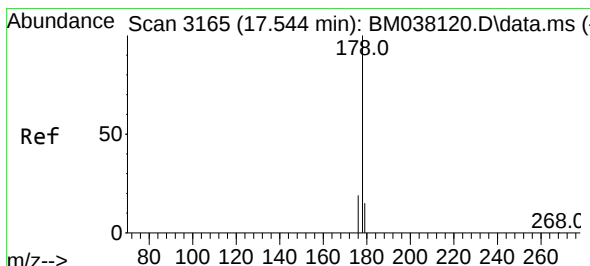
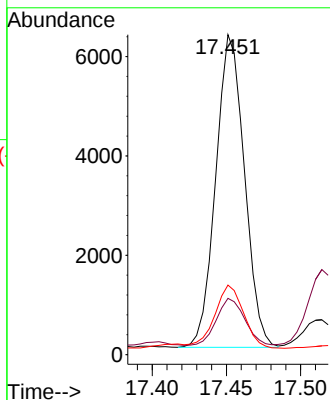
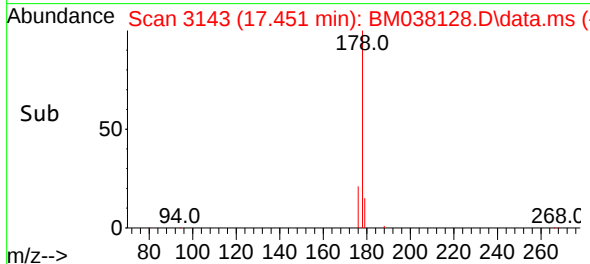
Instrument :
BNA_M
ClientSampleId :
DBYC4



Tgt Ion:178 Resp: 847
Ion Ratio Lower Upper
178 100
179 17.6 12.6 19.0
176 21.7 15.8 23.6

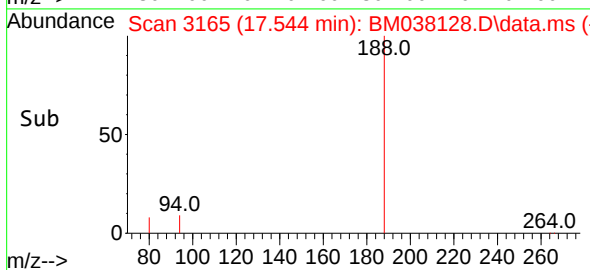
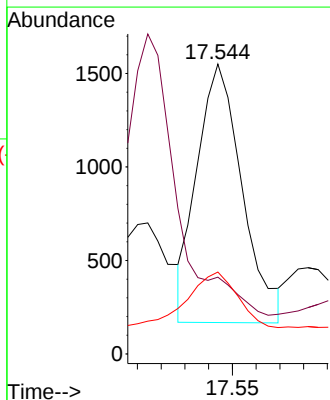
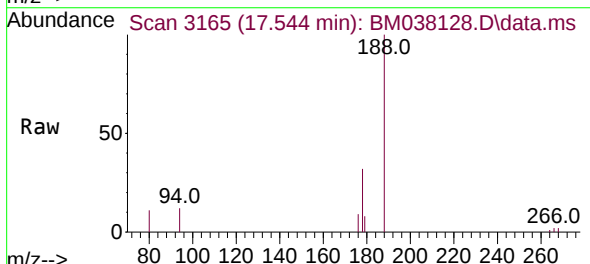
Manual Integrations
APPROVED

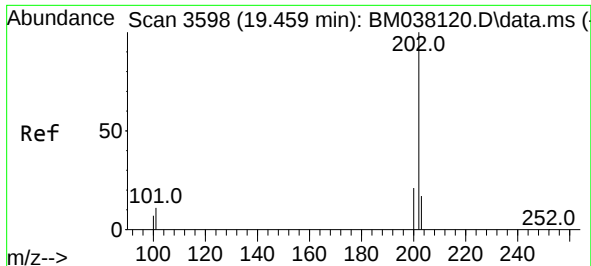
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#16
Anthracene
Concen: 0.030 ng/ul
RT: 17.544 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BM038128.D
Acq: 20 Dec 2022 07:16

Tgt Ion:178 Resp: 1826
Ion Ratio Lower Upper
178 100
179 26.5 13.0 19.4#
176 28.2 15.0 22.4#





#19

Fluoranthene

Concen: 0.308 ng/ul

RT: 19.459 min Scan# 3598

Delta R.T. -0.005 min

Lab File: BM038128.D

Acq: 20 Dec 2022 07:16

Instrument :

BNA_M

ClientSampleId :

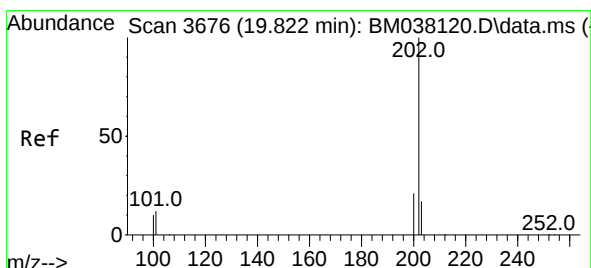
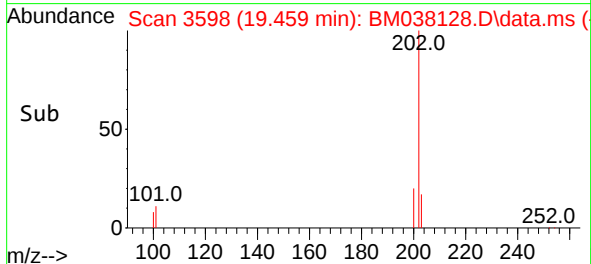
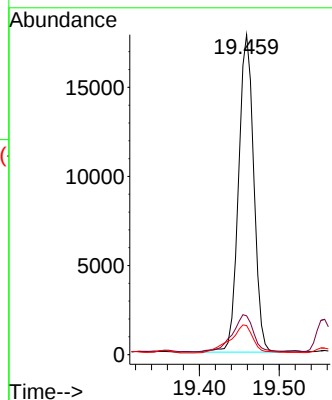
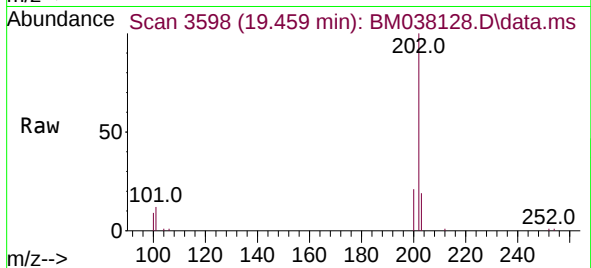
DBYC4

Tgt Ion:	202	Resp:	23594
Ion Ratio	Lower	Upper	
202	100		
101	12.1	10.6	15.8
100	9.1	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#20

Pyrene

Concen: 0.236 ng/ul m

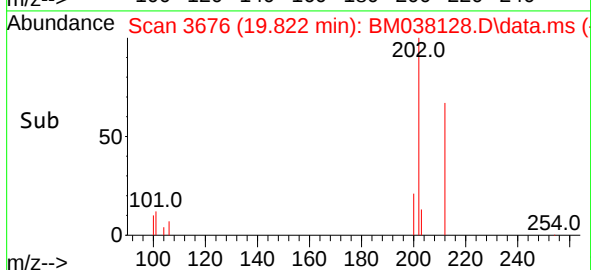
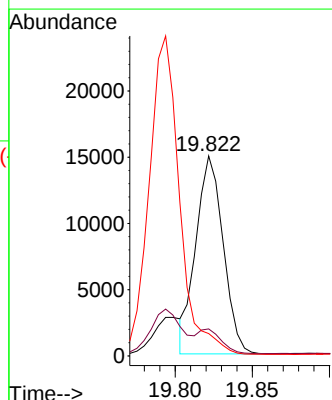
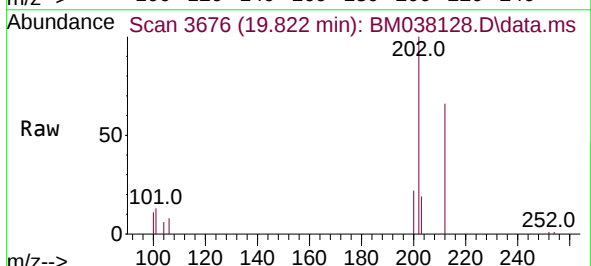
RT: 19.822 min Scan# 3676

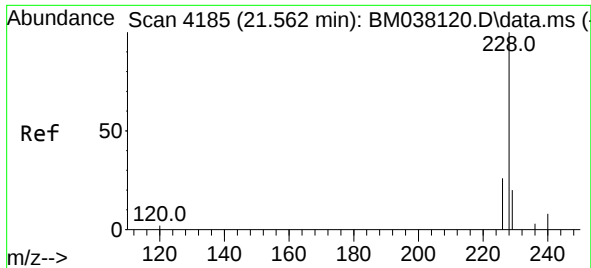
Delta R.T. -0.005 min

Lab File: BM038128.D

Acq: 20 Dec 2022 07:16

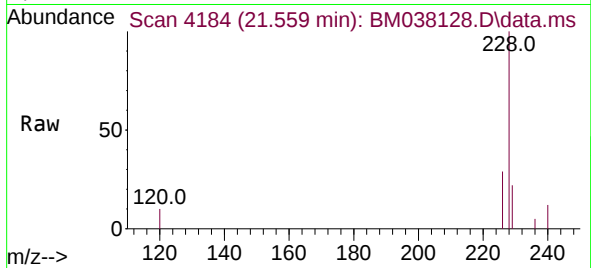
Tgt Ion:	202	Resp:	18403
Ion Ratio	Lower	Upper	
202	100		
101	13.5	12.1	18.1
100	11.1	9.8	14.6





#21
Benzo(a)anthracene
Concen: 0.187 ng/ul
RT: 21.559 min Scan# 4185
Delta R.T. -0.006 min
Lab File: BM038128.D
Acq: 20 Dec 2022 07:16

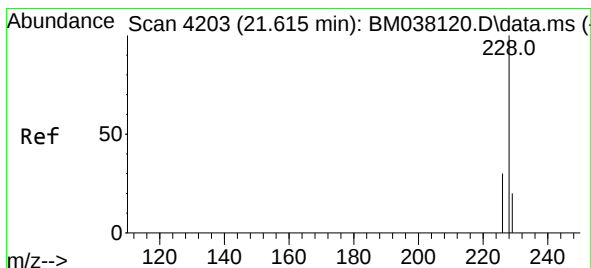
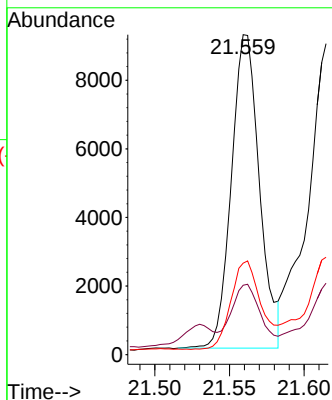
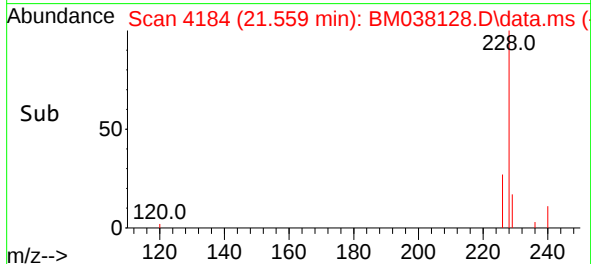
Instrument :
BNA_M
ClientSampleId :
DBYC4



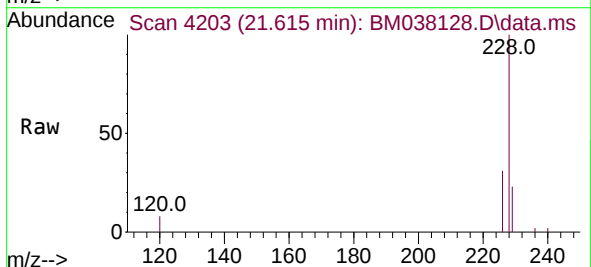
Tgt Ion:228 Resp: 11965
Ion Ratio Lower Upper
228 100
229 21.7 15.9 23.9
226 28.6 22.1 33.1

Manual Integrations
APPROVED

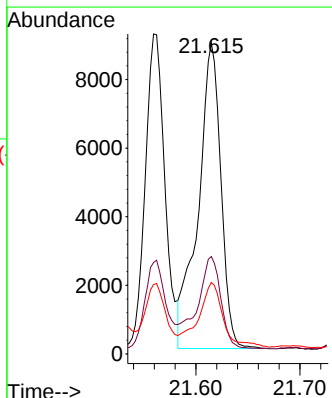
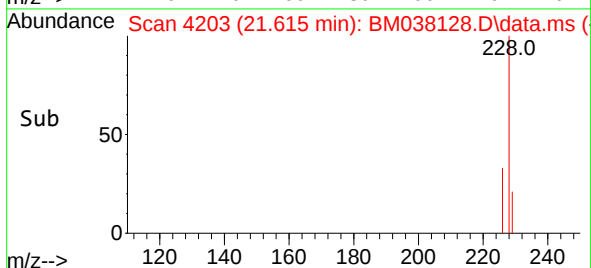
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

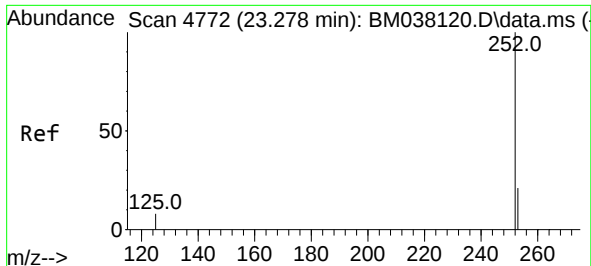


#22
Chrysene
Concen: 0.210 ng/ul
RT: 21.615 min Scan# 4203
Delta R.T. -0.003 min
Lab File: BM038128.D
Acq: 20 Dec 2022 07:16



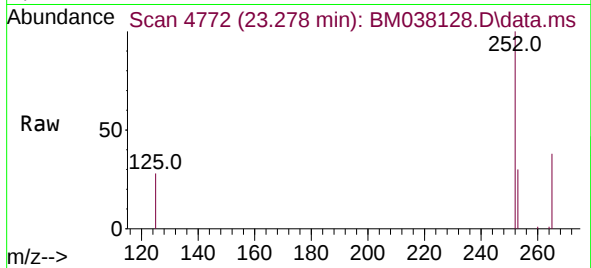
Tgt Ion:228 Resp: 13559
Ion Ratio Lower Upper
228 100
226 31.3 24.1 36.1
229 23.0 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.319 ng/ul
RT: 23.278 min Scan# 4772
Delta R.T. -0.003 min
Lab File: BM038128.D
Acq: 20 Dec 2022 07:16

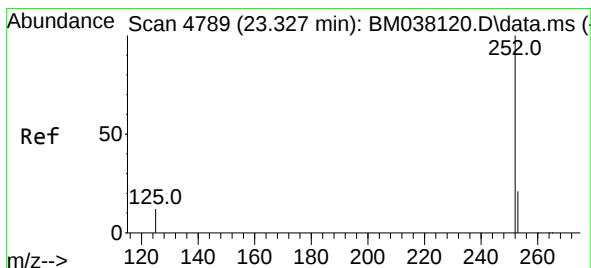
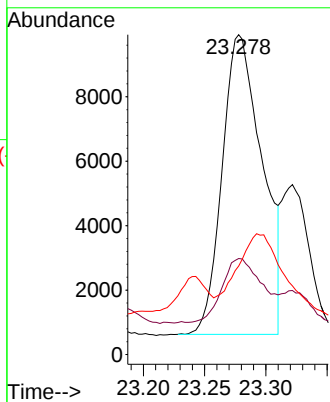
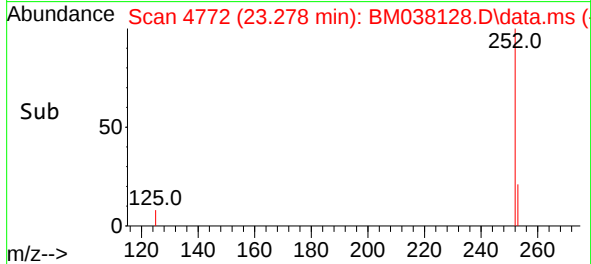
Instrument :
BNA_M
ClientSampleId :
DBYC4



Tgt Ion:252 Resp: 21186
Ion Ratio Lower Upper
252 100
253 30.0 0.0 51.8
125 27.7 0.0 42.2

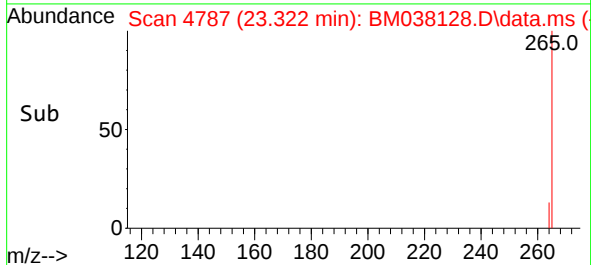
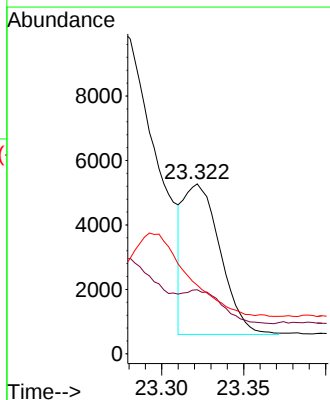
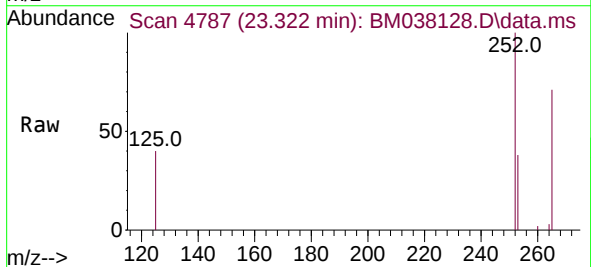
Manual Integrations
APPROVED

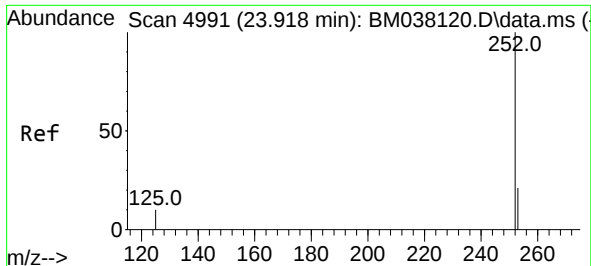
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#25
Benzo(k)fluoranthene
Concen: 0.114 ng/ul m
RT: 23.322 min Scan# 4787
Delta R.T. -0.009 min
Lab File: BM038128.D
Acq: 20 Dec 2022 07:16

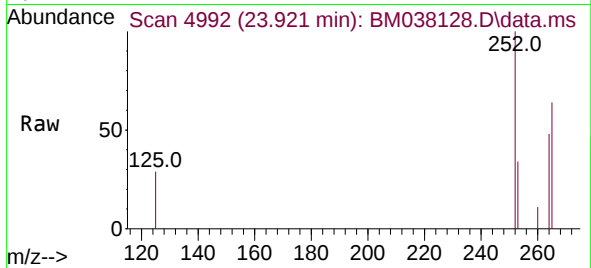
Tgt Ion:252 Resp: 7306
Ion Ratio Lower Upper
252 100
253 37.7 20.8 31.2#
125 40.4 17.1 25.7#





#26
Benzo(a)pyrene
Concen: 0.219 ng/ul
RT: 23.921 min Scan# 4992
Delta R.T. -0.003 min
Lab File: BM038128.D
Acq: 20 Dec 2022 07:16

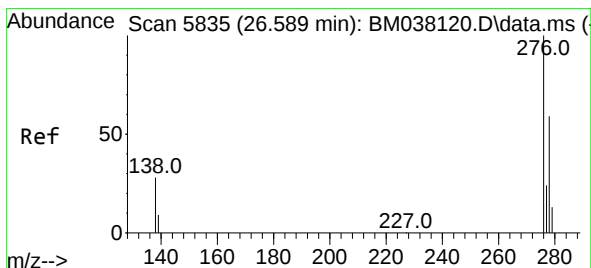
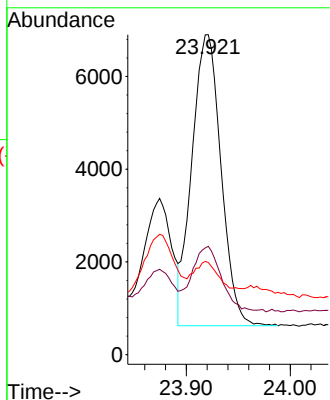
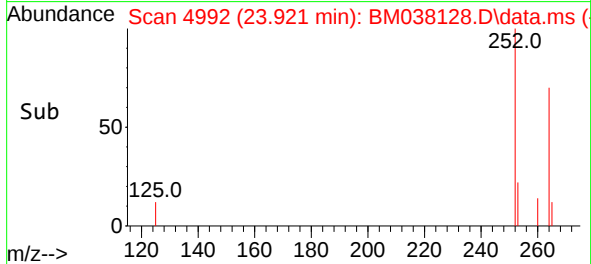
Instrument :
BNA_M
ClientSampleId :
DBYC4



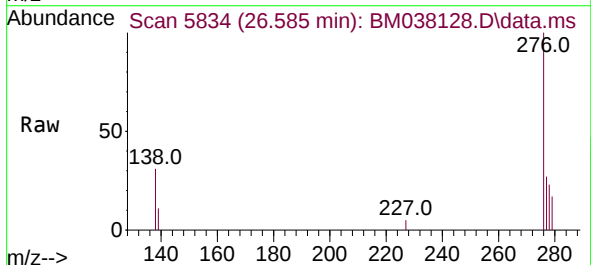
Tgt Ion:252 Resp: 1225
Ion Ratio Lower Upper
252 100
253 33.8 21.9 32.9#
125 28.8 20.7 31.1#

Manual Integrations
APPROVED

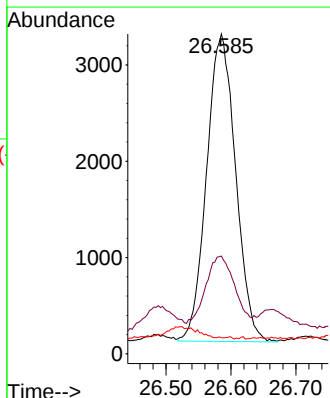
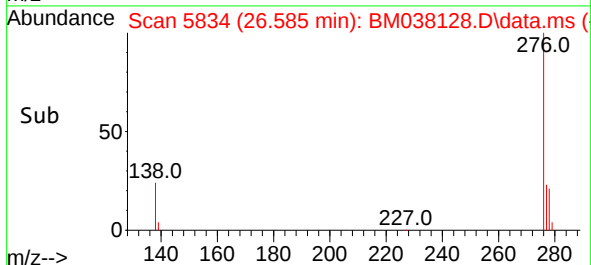
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

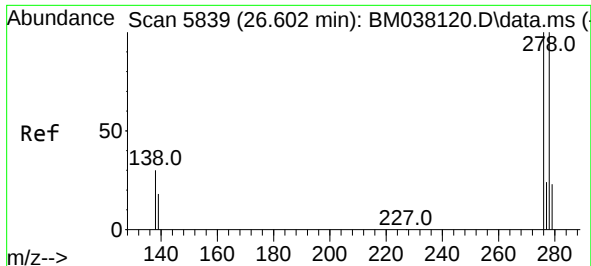


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.141 ng/ul
RT: 26.585 min Scan# 5834
Delta R.T. -0.013 min
Lab File: BM038128.D
Acq: 20 Dec 2022 07:16



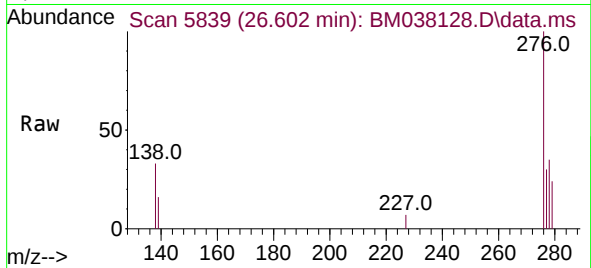
Tgt Ion:276 Resp: 9907
Ion Ratio Lower Upper
276 100
138 26.1 26.6 40.0#
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.050 ng/ul
RT: 26.602 min Scan# 5839
Delta R.T. -0.013 min
Lab File: BM038128.D
Acq: 20 Dec 2022 07:16

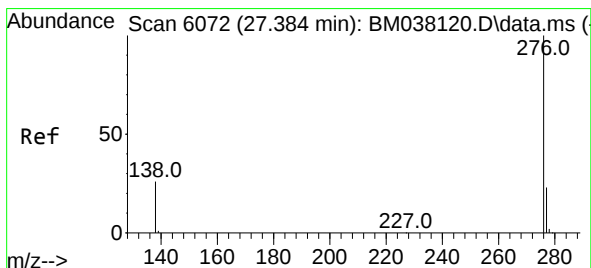
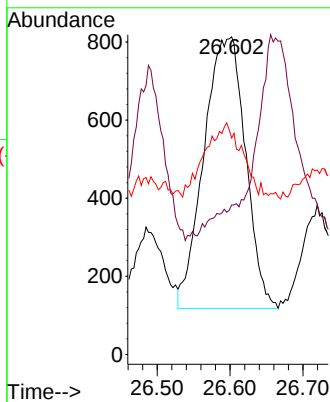
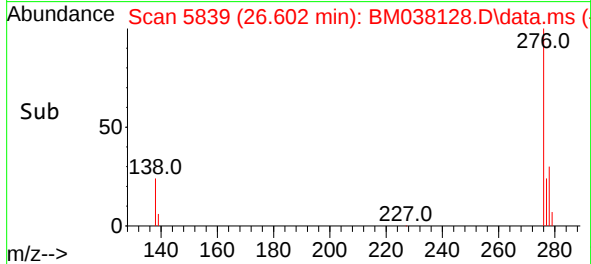
Instrument :
BNA_M
ClientSampleId :
DBYC4



Tgt Ion: 278 Resp: 275
Ion Ratio Lower Upper
278 100
139 47.1 19.0 28.6
279 68.1 22.4 33.6

Manual Integrations
APPROVED

Reviewed By : Jagrut Upadhyay 12/20/2022
Supervised By : mohammad ahmed 12/20/2022



#29
Benzo(g,h,i)perylene
Concen: 0.113 ng/ul
RT: 27.377 min Scan# 6070
Delta R.T. -0.017 min
Lab File: BM038128.D
Acq: 20 Dec 2022 07:16

Tgt Ion: 276 Resp: 6734
Ion Ratio Lower Upper
276 100
138 34.8 24.1 36.1
277 29.7 19.0 28.6

