

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038215.D
 Acq On : 23 Dec 2022 01:37
 Operator : CG/JU
 Sample : N6008-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXW9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

Quant Time: Dec 23 02:56:22 2022

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Dec 22 23:36:45 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	5991	0.400	ng/ul	0.00
4) Naphthalene-d8	10.851	136	18438	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	10255	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	20514	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	12732	0.400	ng/ul	0.00
23) Perylene-d12	24.023	264	12574	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.398	96	29107	4.776	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	8206	0.302	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	14657	0.307	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.906	128	1377	0.025	ng/ul#	81
15) Phenanthrene	17.447	178	9846	0.143	ng/ul	98
16) Anthracene	17.536	178	1956	0.030	ng/ul#	83
19) Fluoranthene	19.455	202	31718	0.455	ng/ul	97
20) Pyrene	19.817	202	26356m	0.374	ng/ul	
21) Benzo(a)anthracene	21.553	228	13553	0.243	ng/ul	96
22) Chrysene	21.609	228	16864	0.310	ng/ul	97
24) Benzo(b)fluoranthene	23.269	252	25458	0.457	ng/ul	96
25) Benzo(k)fluoranthene	23.316	252	7725m	0.144	ng/ul	
26) Benzo(a)pyrene	23.912	252	15637	0.322	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.582	276	13692	0.203	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.589	278	3414	0.065	ng/ul#	44
29) Benzo(g,h,i)perylene	27.374	276	13811	0.244	ng/ul#	92

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

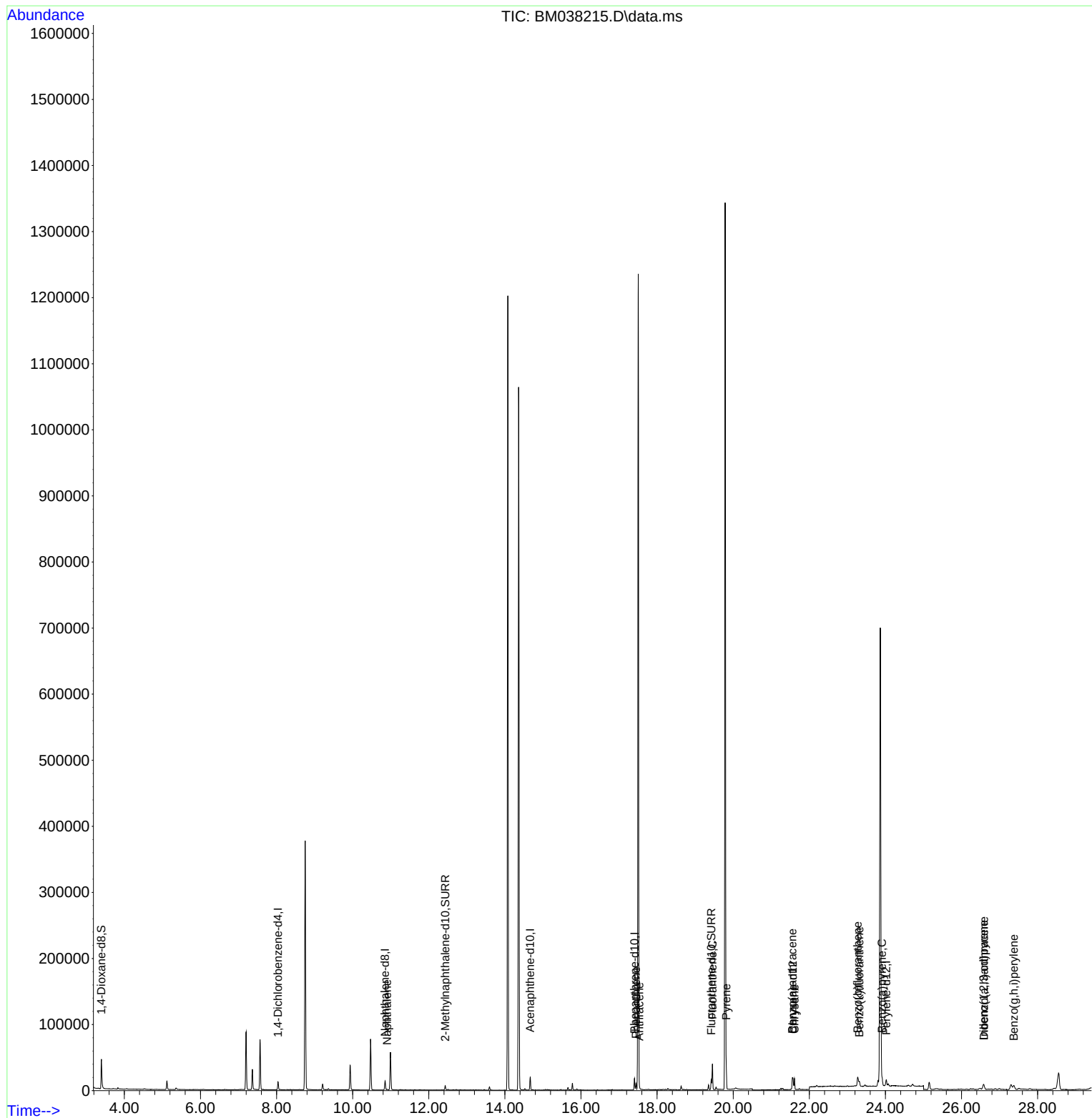
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038215.D
Acq On : 23 Dec 2022 01:37
Operator : CG/JU
Sample : N6008-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

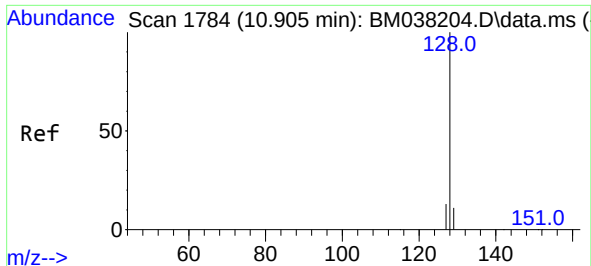
Instrument :
BNA_M
ClientSampleId :
DBXW9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

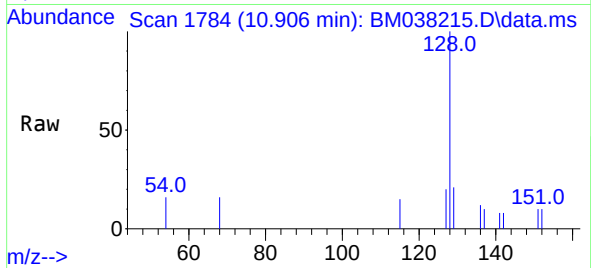
Quant Time: Dec 23 02:56:22 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.025 ng/uI
RT: 10.906 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM038215.D
Acq: 23 Dec 2022 01:37

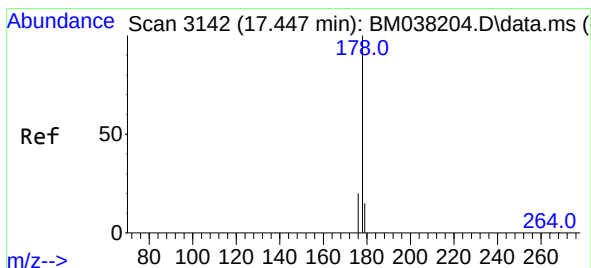
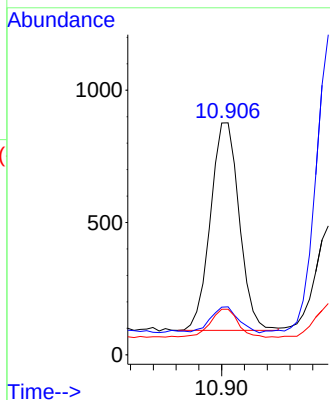
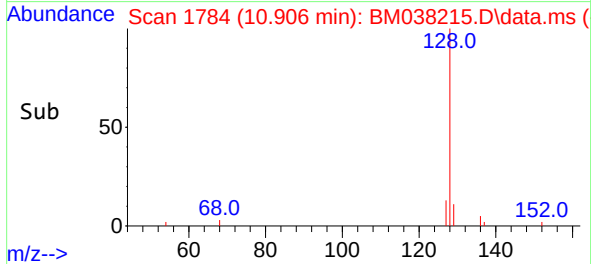
Instrument :
BNA_M
ClientSampleId :
DBXW9



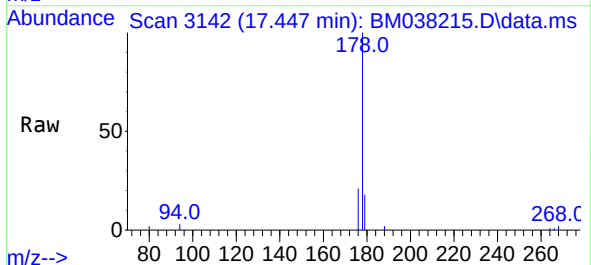
Tgt Ion:128 Resp: 137
Ion Ratio Lower Upper
128 100
129 20.6 9.4 14.0
127 19.6 10.7 16.1

Manual Integrations
APPROVED

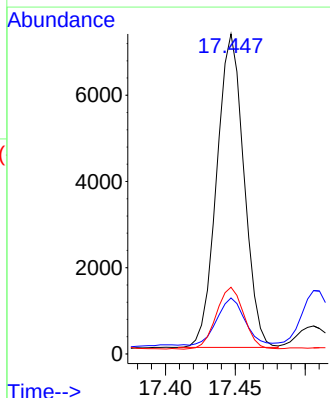
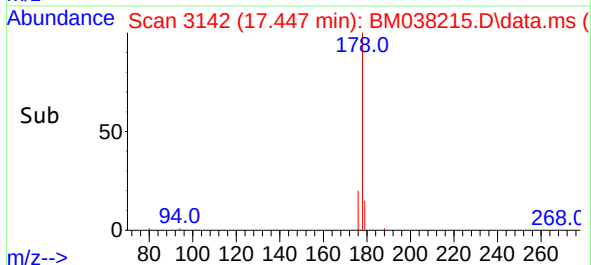
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

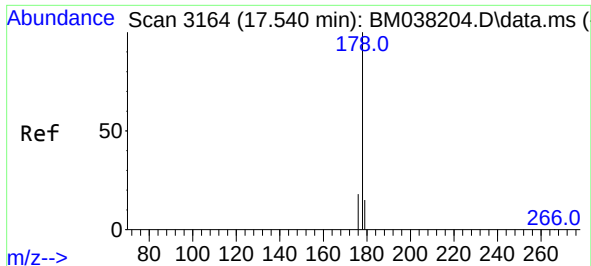


#15
Phenanthrene
Concen: 0.143 ng/uI
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038215.D
Acq: 23 Dec 2022 01:37



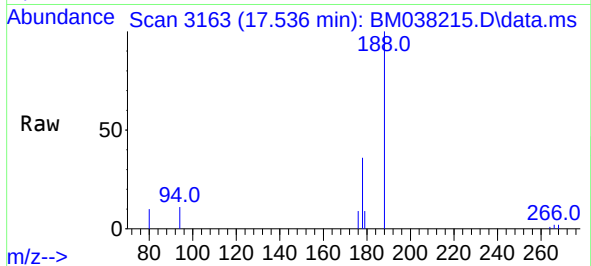
Tgt Ion:178 Resp: 9846
Ion Ratio Lower Upper
178 100
179 17.5 13.0 19.4
176 20.8 16.2 24.4





#16
 Anthracene
 Concen: 0.030 ng/ul
 RT: 17.536 min Scan# 3164
 Delta R.T. -0.004 min
 Lab File: BM038215.D
 Acq: 23 Dec 2022 01:37

Instrument :
 BNA_M
 ClientSampleId :
 DBXW9

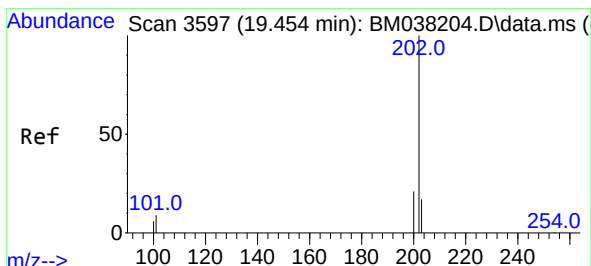
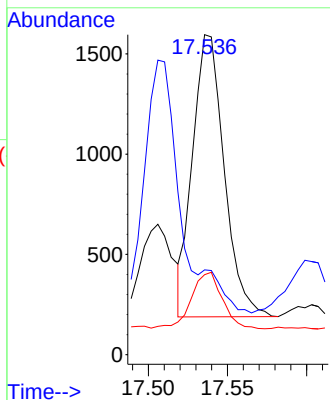
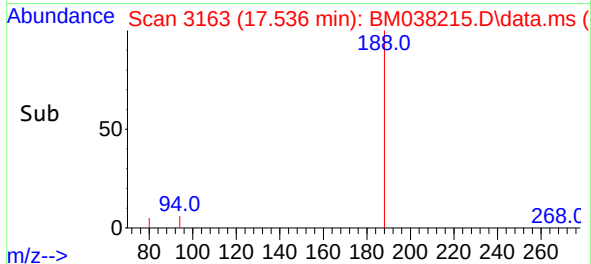


Tgt Ion:178 Resp: 1950

Ion	Ratio	Lower	Upper
178	100		
179	26.5	13.0	19.6
176	25.0	15.6	23.4

Manual Integrations
 APPROVED

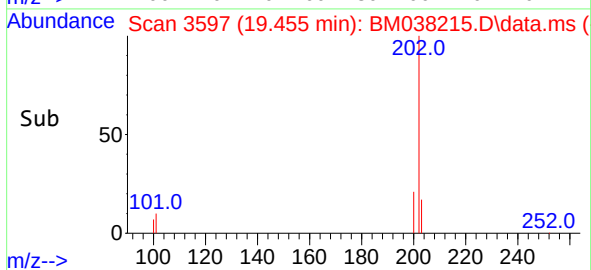
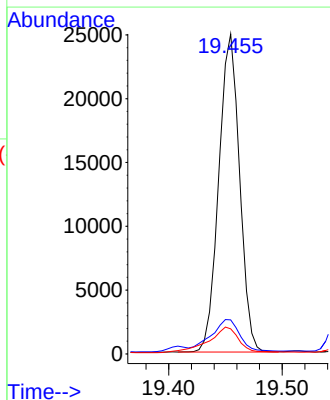
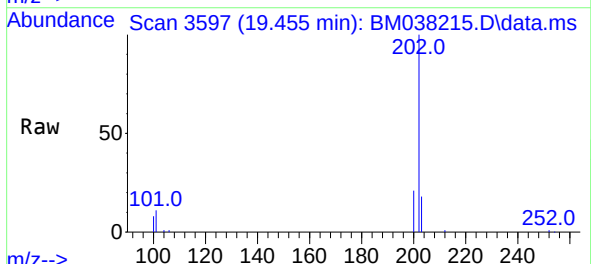
Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

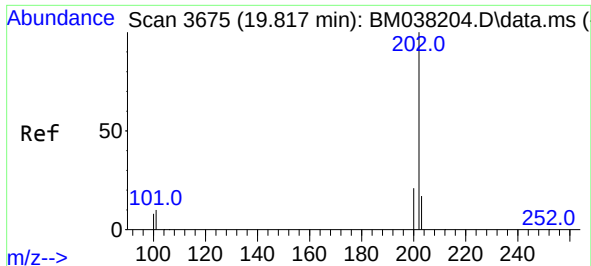


#19
 Fluoranthene
 Concen: 0.455 ng/ul
 RT: 19.455 min Scan# 3597
 Delta R.T. 0.000 min
 Lab File: BM038215.D
 Acq: 23 Dec 2022 01:37

Tgt Ion:202 Resp: 31718

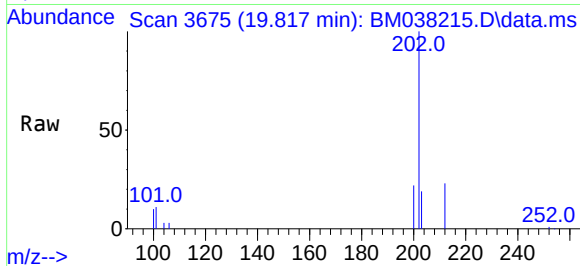
Ion	Ratio	Lower	Upper
202	100		
101	10.7	7.5	11.3
100	7.8	5.6	8.4





#20
Pyrene
Concen: 0.374 ng/ul m
RT: 19.817 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038215.D
Acq: 23 Dec 2022 01:37

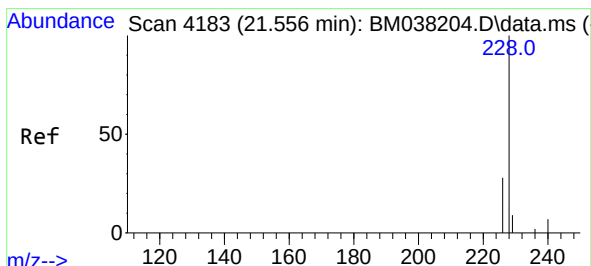
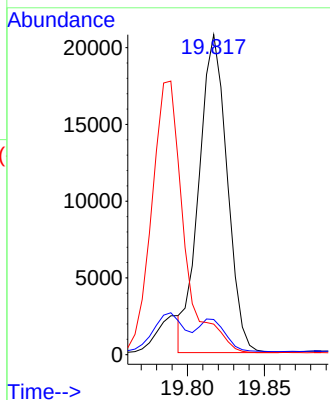
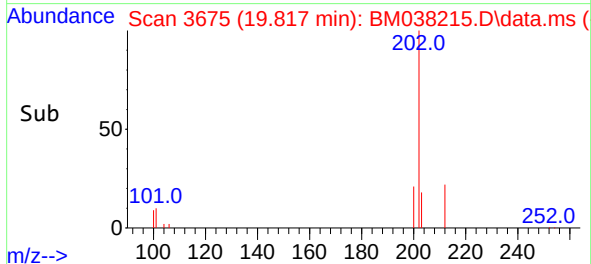
Instrument :
BNA_M
ClientSampleId :
DBXW9



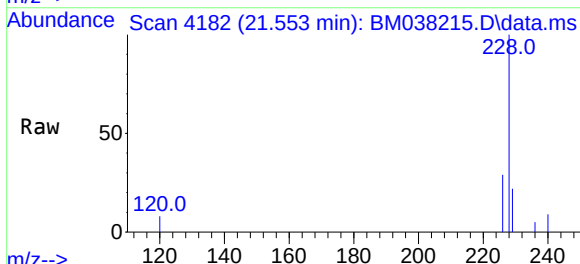
Tgt Ion:202 Resp: 2635
Ion Ratio Lower Upper
202 100
101 11.0 8.9 13.3
100 9.5 7.4 11.0

Manual Integrations
APPROVED

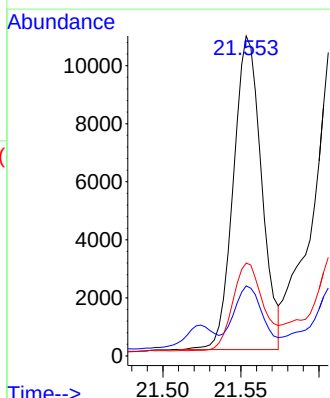
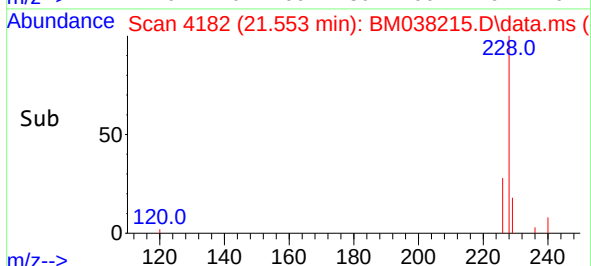
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

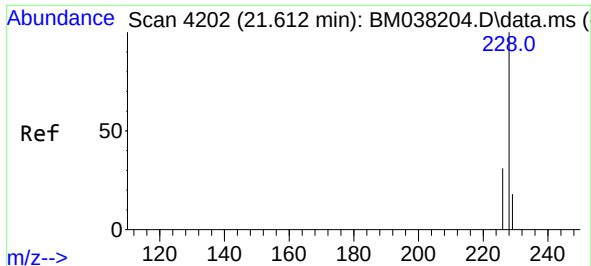


#21
Benzo(a)anthracene
Concen: 0.243 ng/ul
RT: 21.553 min Scan# 4182
Delta R.T. -0.006 min
Lab File: BM038215.D
Acq: 23 Dec 2022 01:37



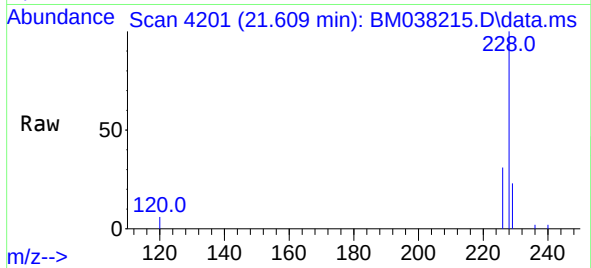
Tgt Ion:228 Resp: 13553
Ion Ratio Lower Upper
228 100
229 21.9 15.5 23.3
226 29.1 22.2 33.2





#22
Chrysene
Concen: 0.310 ng/ul
RT: 21.609 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM038215.D
Acq: 23 Dec 2022 01:37

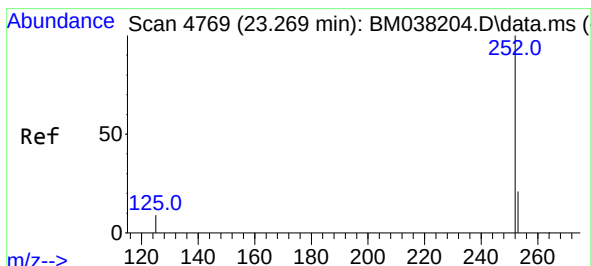
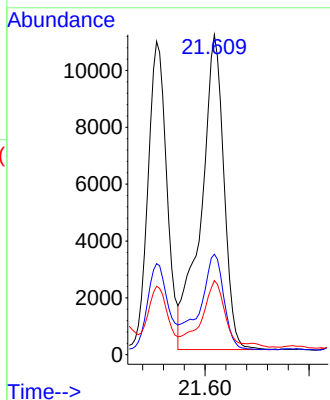
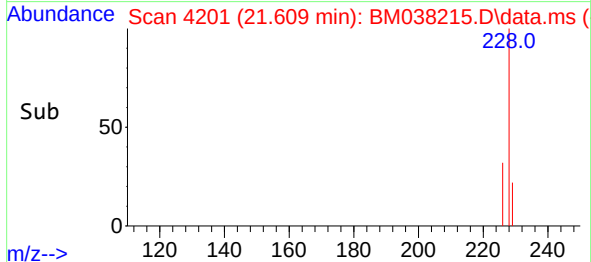
Instrument :
BNA_M
ClientSampleId :
DBXW9



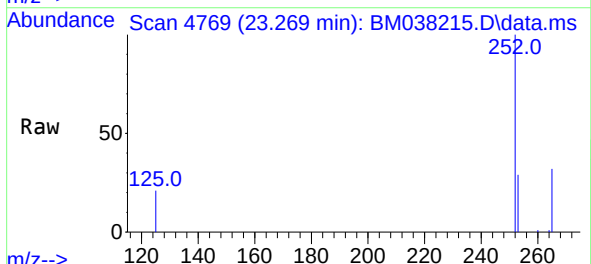
Tgt Ion:228 Resp: 1686
Ion Ratio Lower Upper
228 100
226 31.4 25.0 37.4
229 23.1 16.0 24.0

Manual Integrations
APPROVED

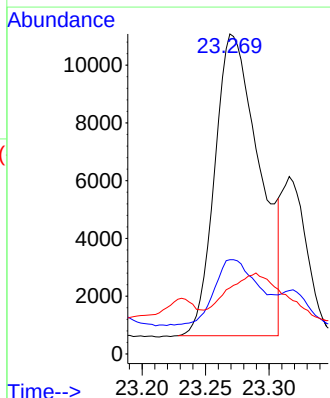
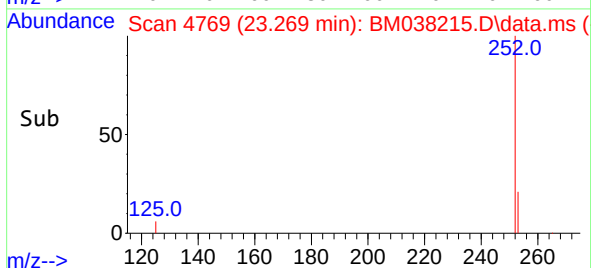
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

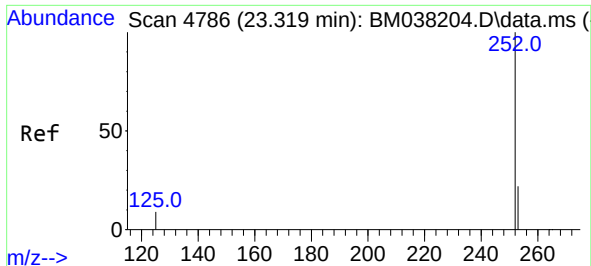


#24
Benzo(b)fluoranthene
Concen: 0.457 ng/ul
RT: 23.269 min Scan# 4769
Delta R.T. -0.003 min
Lab File: BM038215.D
Acq: 23 Dec 2022 01:37



Tgt Ion:252 Resp: 25458
Ion Ratio Lower Upper
252 100
253 29.5 0.0 56.0
125 20.6 0.0 36.6





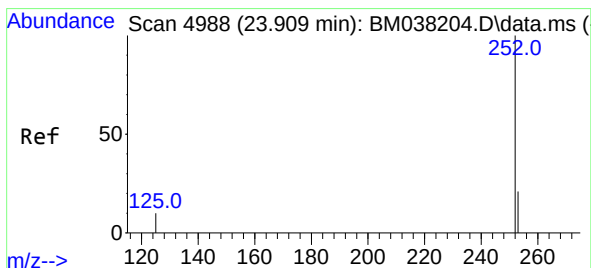
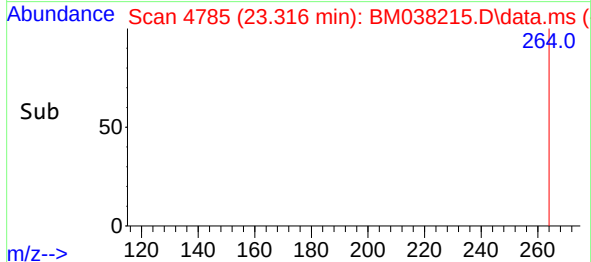
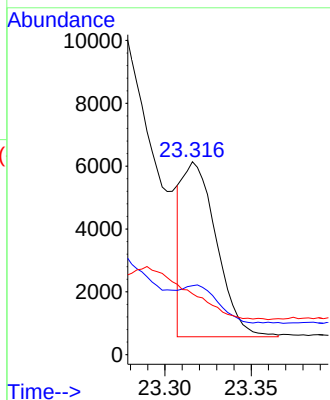
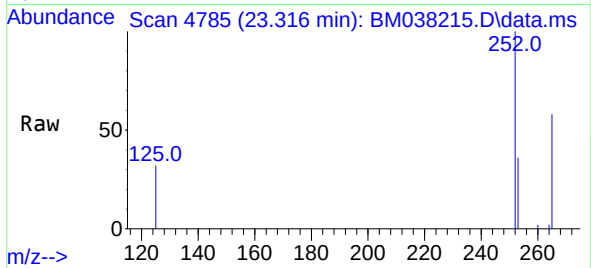
#25
Benzo(k)fluoranthene
Concen: 0.144 ng/ul m
RT: 23.316 min Scan# 4785
Delta R.T. -0.006 min
Lab File: BM038215.D
Acq: 23 Dec 2022 01:37

Instrument :
BNA_M
ClientSampleId :
DBXW9

Tgt Ion:252 Resp: 7725
Ion Ratio Lower Upper
252 100
253 35.7 22.5 33.7
125 31.6 14.4 21.6

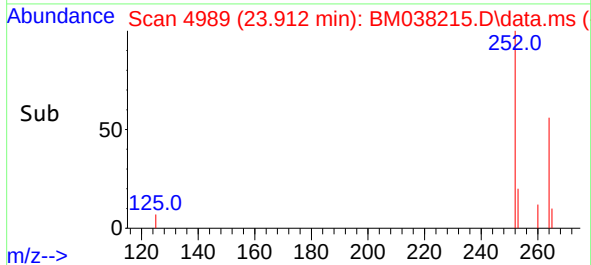
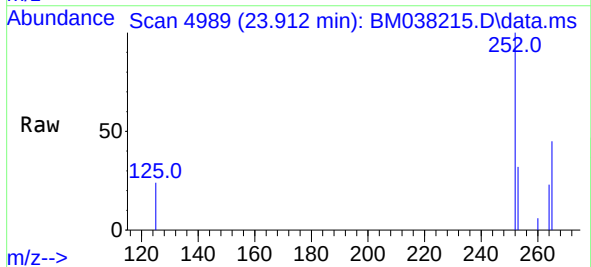
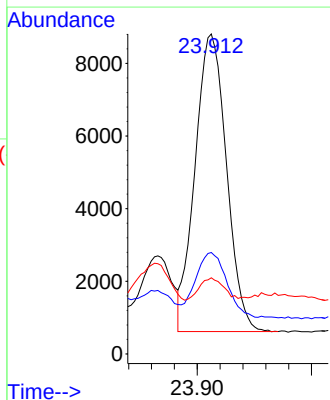
Manual Integrations
APPROVED

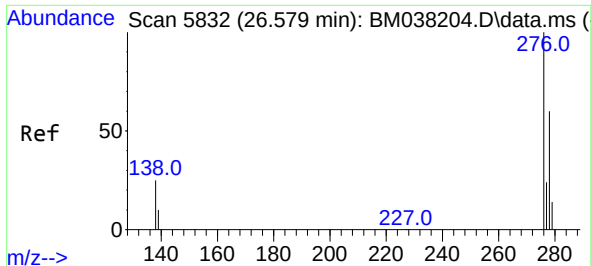
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#26
Benzo(a)pyrene
Concen: 0.322 ng/ul
RT: 23.912 min Scan# 4989
Delta R.T. 0.000 min
Lab File: BM038215.D
Acq: 23 Dec 2022 01:37

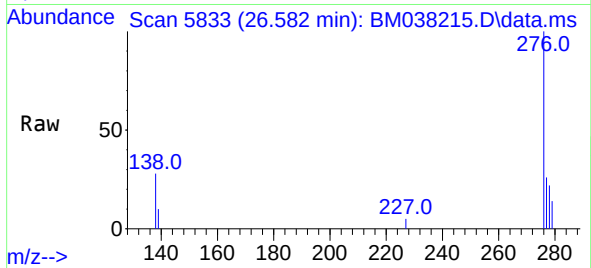
Tgt Ion:252 Resp: 15637
Ion Ratio Lower Upper
252 100
253 31.7 24.2 36.4
125 23.8 17.3 25.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.203 ng/ul
RT: 26.582 min Scan# 5833
Delta R.T. 0.000 min
Lab File: BM038215.D
Acq: 23 Dec 2022 01:37

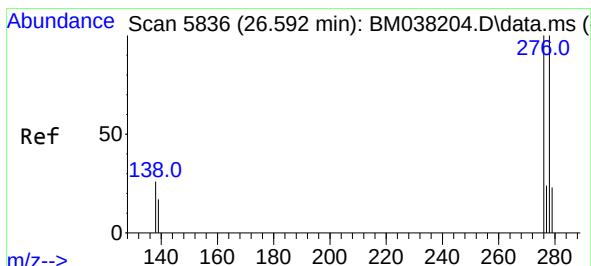
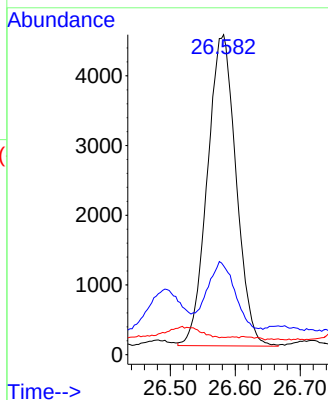
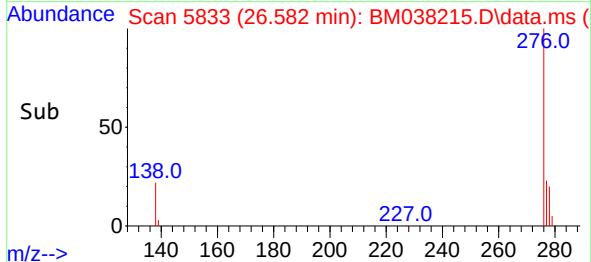
Instrument :
BNA_M
ClientSampleId :
DBXW9



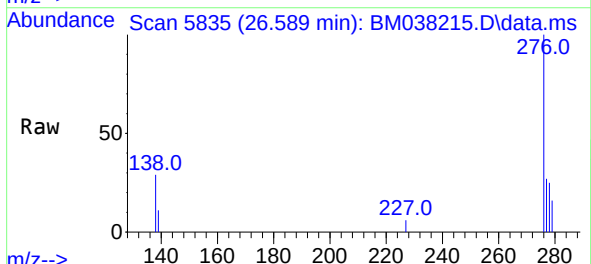
Tgt Ion:276 Resp: 13692
Ion Ratio Lower Upper
276 100
138 21.9 21.7 32.5
227 0.0 0.0 0.0

Manual Integrations
APPROVED

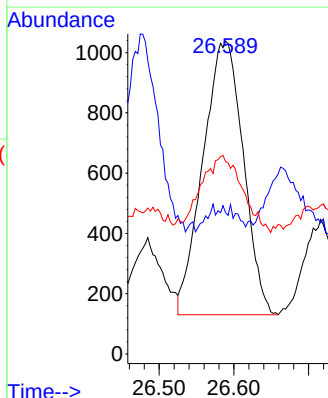
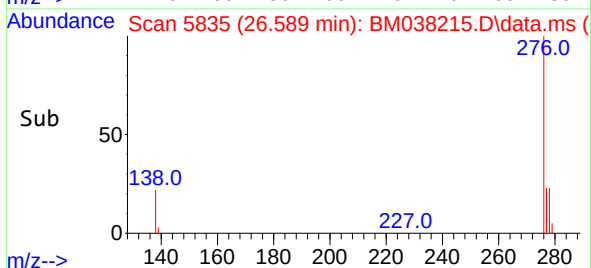
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

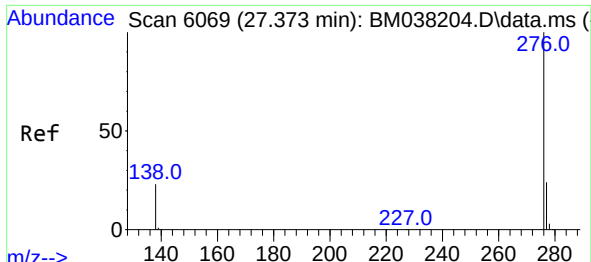


#28
Dibenzo(a,h)anthracene
Concen: 0.065 ng/ul
RT: 26.589 min Scan# 5835
Delta R.T. -0.007 min
Lab File: BM038215.D
Acq: 23 Dec 2022 01:37



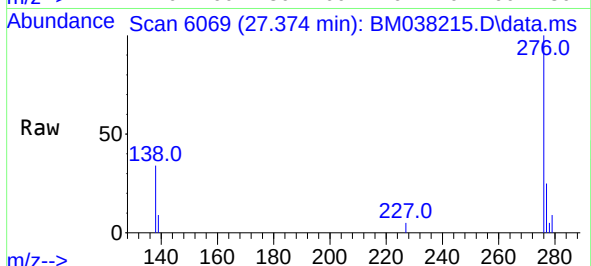
Tgt Ion:278 Resp: 3414
Ion Ratio Lower Upper
278 100
139 45.2 16.8 25.2#
279 61.5 23.4 35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.244 ng/ul
RT: 27.374 min Scan# 6069
Delta R.T. 0.004 min
Lab File: BM038215.D
Acq: 23 Dec 2022 01:37

Instrument :
BNA_M
ClientSampleId :
DBXW9



Tgt Ion:276 Resp: 1381
Ion Ratio Lower Upper
276 100
138 33.9 20.8 31.2
277 25.4 20.5 30.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

