

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045500.D
 Acq On : 23 Apr 2024 03:53
 Operator : MA/JU
 Sample : P2037-23
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/26/2024

Quant Time: Apr 23 08:33:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 02:57:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	1345	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.320	136	3804	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.205	164	2524	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.967	188	4232m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.196	240	8248m	0.400	ng/ul	-0.02
23) Perylene-d12	23.405	264	9310m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	5965	3.309	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	1665	0.332	ng/ul	-0.06
18) Fluoranthene-d10	19.015	212	5570m	0.214	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.369	128	2873	0.281	ng/ul	97
7) 2-Methylnaphthalene	11.991	142	2089	0.358	ng/ul	96
8) 1-Methylnaphthalene	12.217	142	2232	0.341	ng/ul	99
10) Acenaphthylene	13.918	152	2521	0.203	ng/ul#	1
11) Acenaphthene	14.260	153	606	0.066	ng/ul#	62
15) Phenanthrene	17.009	178	33997m	2.758	ng/ul	
19) Fluoranthene	19.047	202	56282m	1.479	ng/ul	
20) Pyrene	19.414	202	74092	1.894	ng/ul	96
21) Benzo(a)anthracene	21.178	228	24132m	0.915	ng/ul	
22) Chrysene	21.231	228	44879m	1.107	ng/ul	
24) Benzo(b)fluoranthene	22.750	252	60847m	1.943	ng/ul	
25) Benzo(k)fluoranthene	22.788	252	24314m	0.614	ng/ul	
26) Benzo(a)pyrene	23.309	252	26021m	0.801	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.615	276	19151	0.406	ng/ul#	95
29) Benzo(g,h,i)perylene	26.292	276	18425	0.434	ng/ul#	1

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

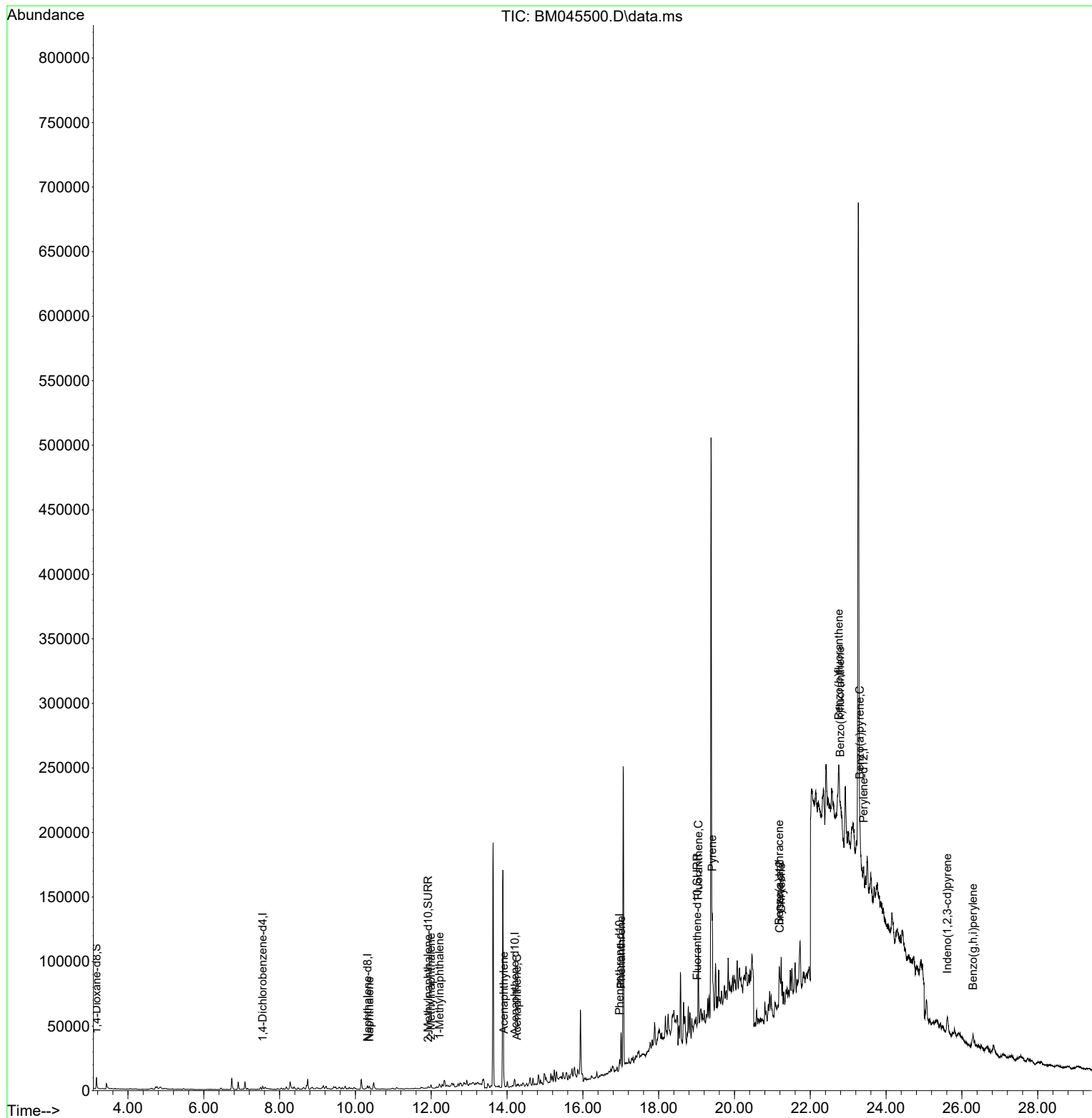
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045500.D
Acq On : 23 Apr 2024 03:53
Operator : MA/JU
Sample : P2037-23
Misc :
ALS Vial : 30 Sample Multiplier: 1

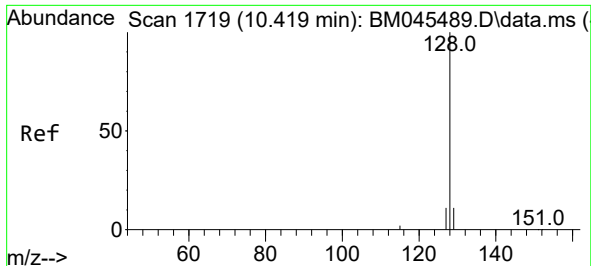
Instrument :
BNA_M
ClientSampleId :
E1CX8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024

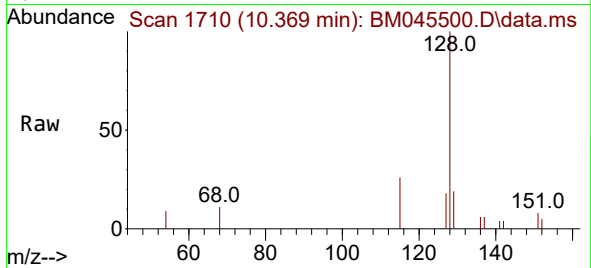
Quant Time: Apr 23 08:33:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.281 ng/ul
RT: 10.369 min Scan# 11
Delta R.T. -0.049 min
Lab File: BM045500.D
Acq: 23 Apr 2024 03:53

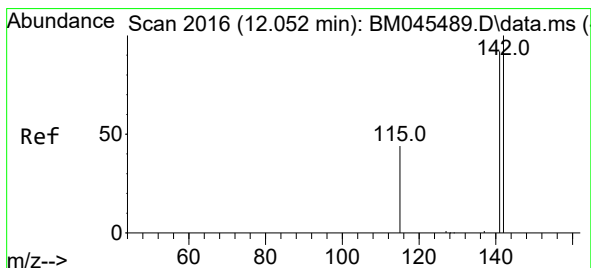
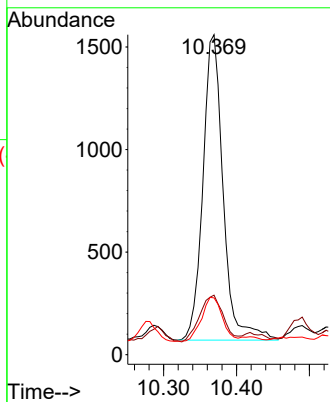
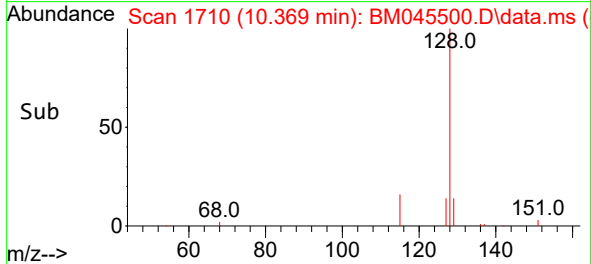
Instrument :
BNA_M
ClientSampleId :
E1CX8



Tgt Ion:128 Resp: 287
Ion Ratio Lower Upper
128 100
129 18.6 14.0 21.0
127 17.8 15.4 23.2

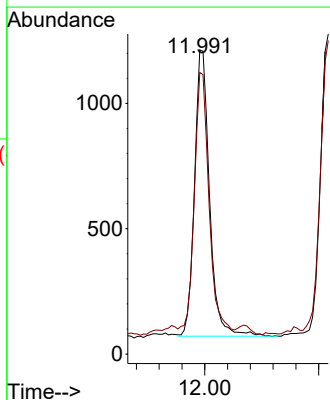
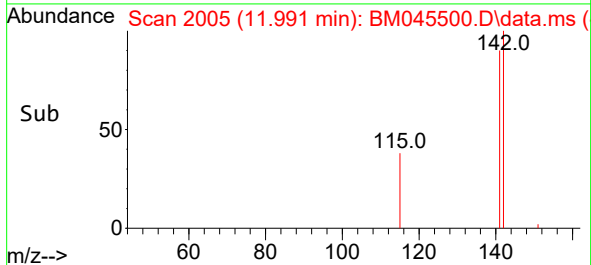
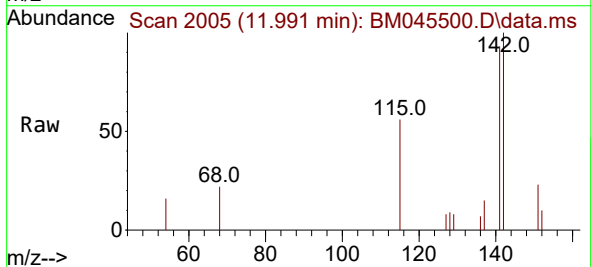
Manual Integrations
APPROVED

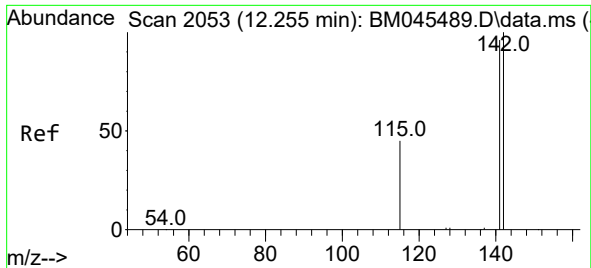
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#7
2-Methylnaphthalene
Concen: 0.358 ng/ul
RT: 11.991 min Scan# 2005
Delta R.T. -0.060 min
Lab File: BM045500.D
Acq: 23 Apr 2024 03:53

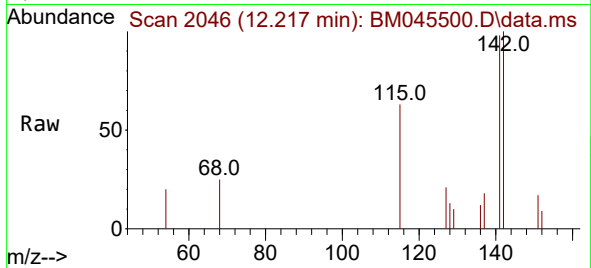
Tgt Ion:142 Resp: 2089
Ion Ratio Lower Upper
142 100
141 89.4 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.217 min Scan# 2053
Delta R.T. -0.038 min
Lab File: BM045500.D
Acq: 23 Apr 2024 03:53

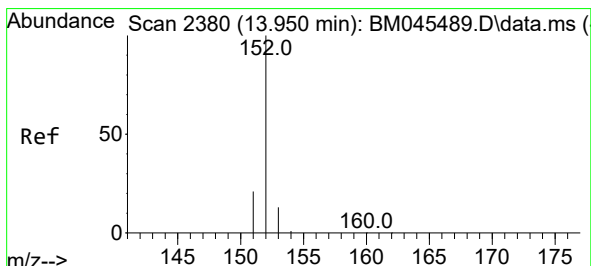
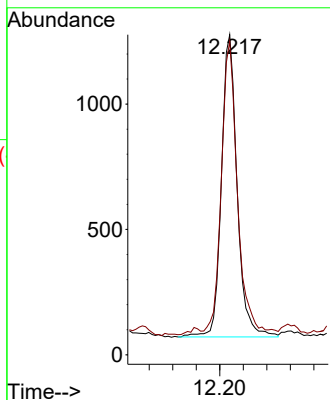
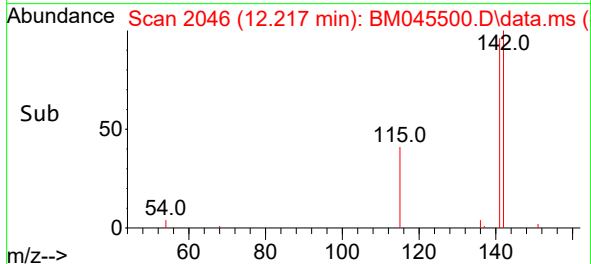
Instrument :
BNA_M
ClientSampleId :
E1CX8



Tgt Ion:142 Resp: 223
Ion Ratio Lower Upper
142 100
141 95.7 76.1 114.1

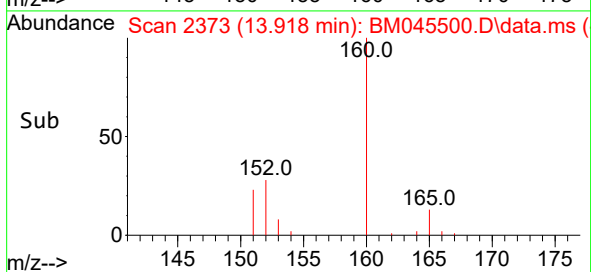
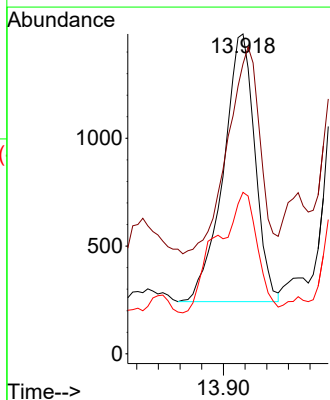
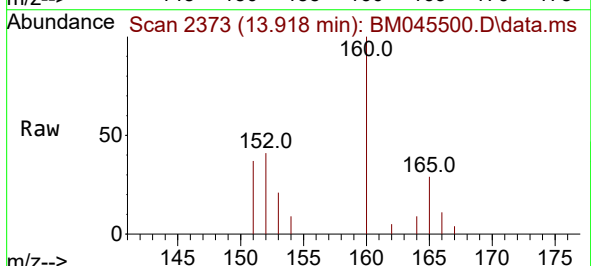
Manual Integrations
APPROVED

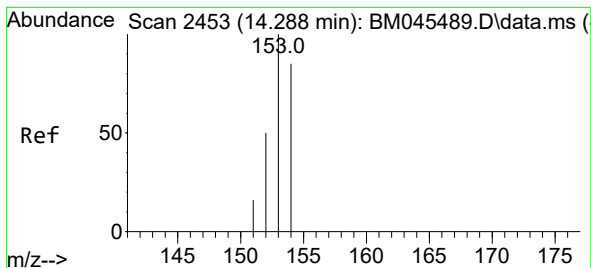
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#10
Acenaphthylene
Concen: 0.203 ng/ul
RT: 13.918 min Scan# 2373
Delta R.T. -0.032 min
Lab File: BM045500.D
Acq: 23 Apr 2024 03:53

Tgt Ion:152 Resp: 2521
Ion Ratio Lower Upper
152 100
151 90.6 18.6 28.0#
153 50.5 14.1 21.1#





#11

Acenaphthene

Concen: 0.066 ng/ul

RT: 14.260 min Scan# 2453

Delta R.T. -0.028 min

Lab File: BM045500.D

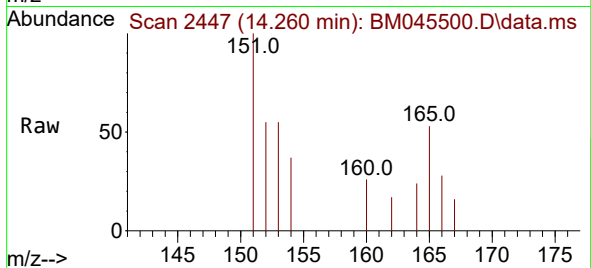
Acq: 23 Apr 2024 03:53

Instrument :

BNA_M

ClientSampleId :

E1CX8



Tgt Ion:153 Resp: 600

Ion Ratio Lower Upper

153 100

152 101.4 43.4 65.2

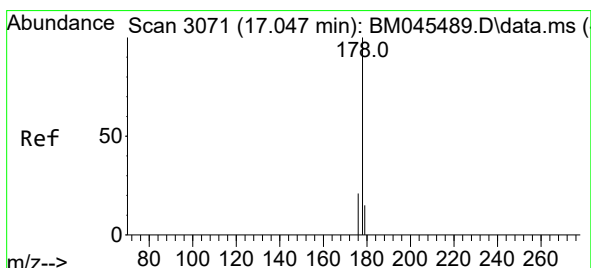
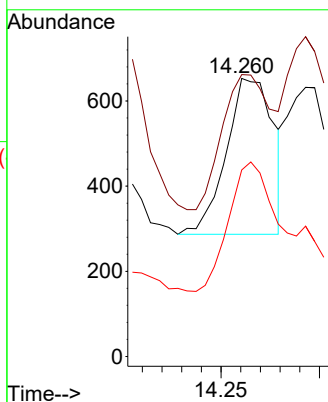
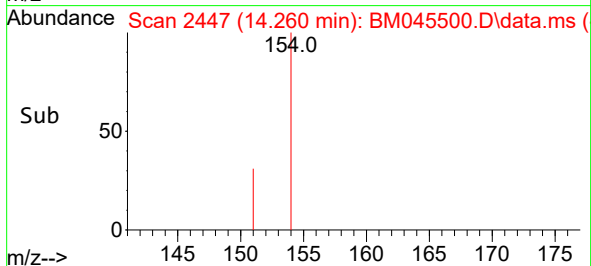
154 67.1 69.0 103.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/26/2024



#15

Phenanthrene

Concen: 2.758 ng/ul m

RT: 17.009 min Scan# 3062

Delta R.T. -0.038 min

Lab File: BM045500.D

Acq: 23 Apr 2024 03:53

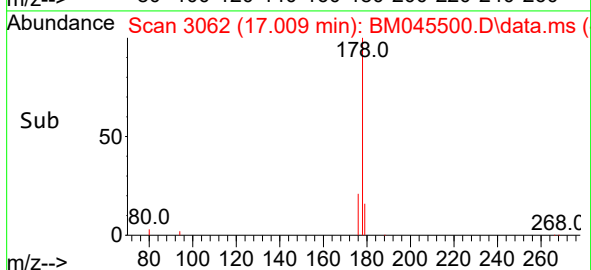
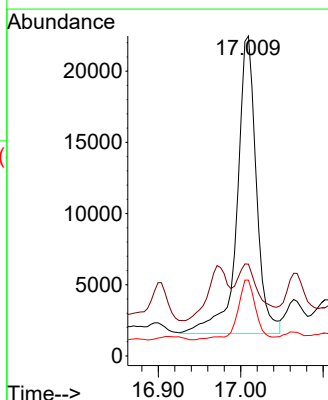
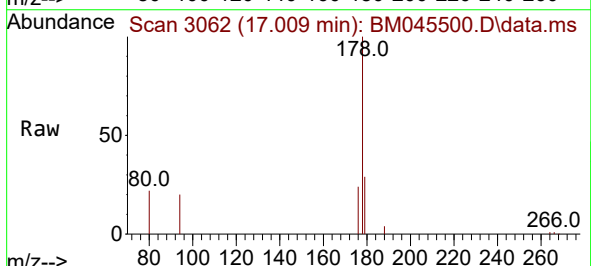
Tgt Ion:178 Resp: 33997

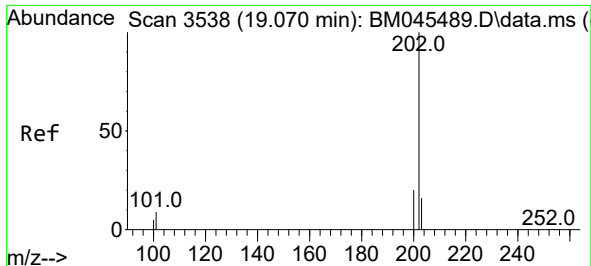
Ion Ratio Lower Upper

178 100

179 28.7 15.4 23.2

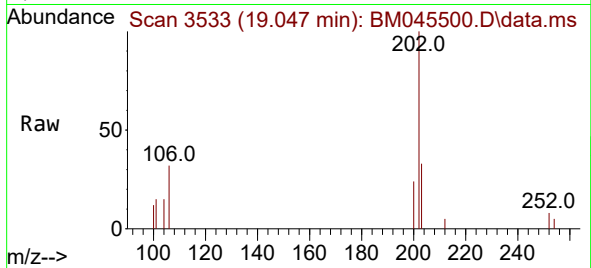
176 23.7 19.0 28.4





#19
Fluoranthene
Concen: 1.479 ng/ul m
RT: 19.047 min Scan# 3533
Delta R.T. -0.023 min
Lab File: BM045500.D
Acq: 23 Apr 2024 03:53

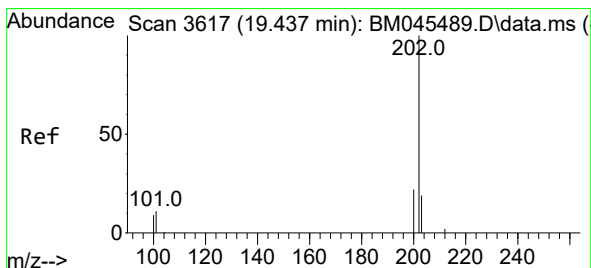
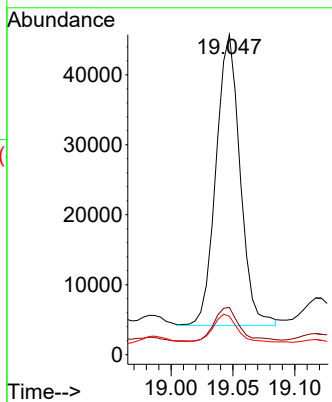
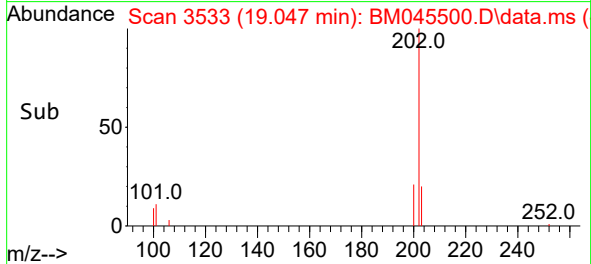
Instrument :
BNA_M
ClientSampleId :
E1CX8



Tgt Ion:202 Resp: 5628
Ion Ratio Lower Upper
202 100
101 14.7 11.2 16.8
100 12.0 9.1 13.7

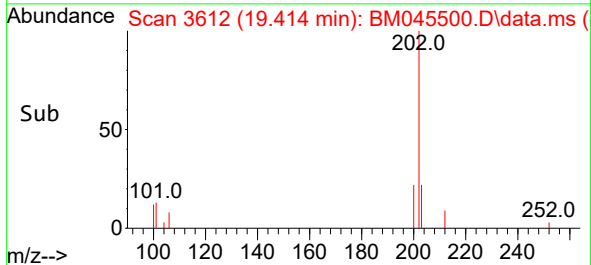
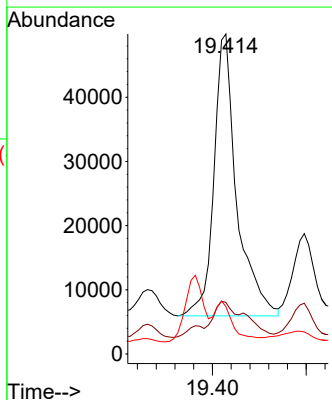
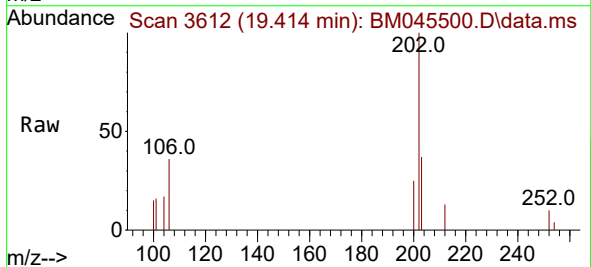
Manual Integrations
APPROVED

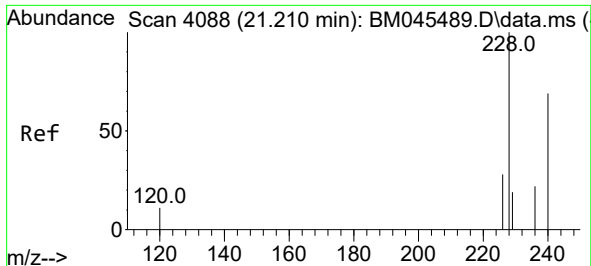
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#20
Pyrene
Concen: 1.894 ng/ul
RT: 19.414 min Scan# 3612
Delta R.T. -0.023 min
Lab File: BM045500.D
Acq: 23 Apr 2024 03:53

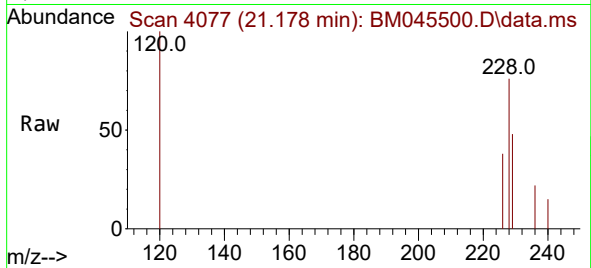
Tgt Ion:202 Resp: 74092
Ion Ratio Lower Upper
202 100
101 16.1 11.5 17.3
100 14.8 10.6 15.8





#21
Benzo(a)anthracene
Concen: 0.915 ng/ul m
RT: 21.178 min Scan# 4077
Delta R.T. -0.032 min
Lab File: BM045500.D
Acq: 23 Apr 2024 03:53

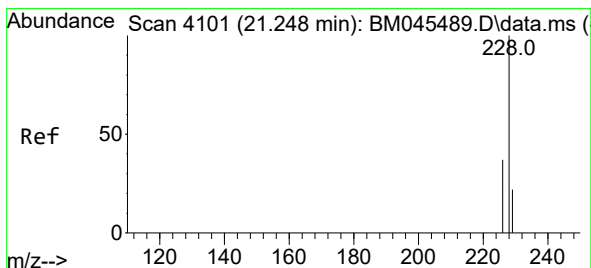
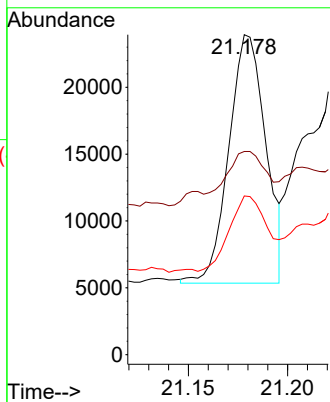
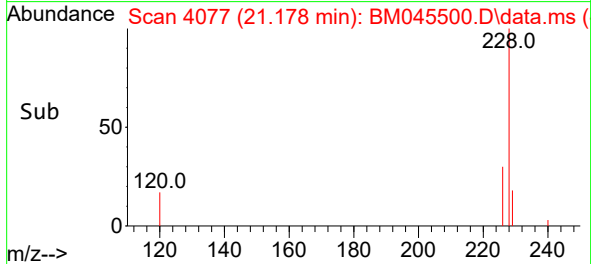
Instrument :
BNA_M
ClientSampleId :
E1CX8



Tgt Ion:228 Resp: 24132
Ion Ratio Lower Upper
228 100
229 63.5 19.4 29.2
226 49.6 26.3 39.5

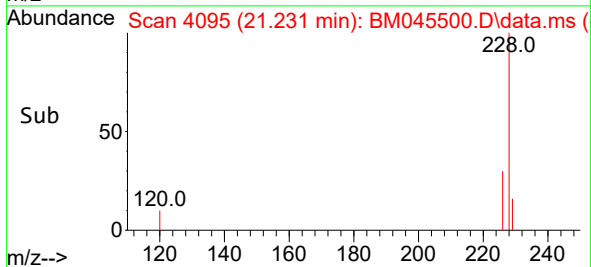
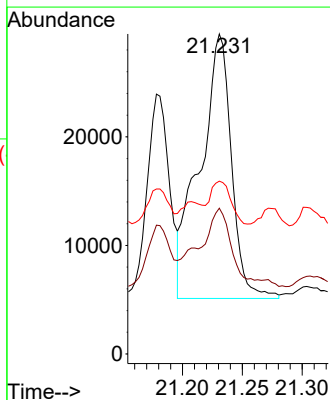
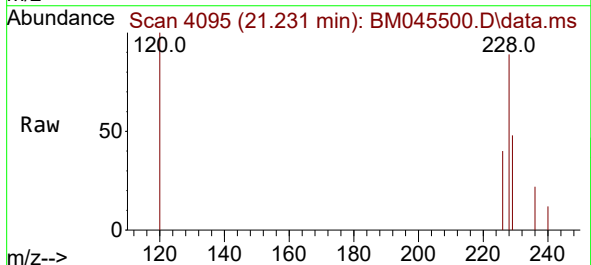
Manual Integrations
APPROVED

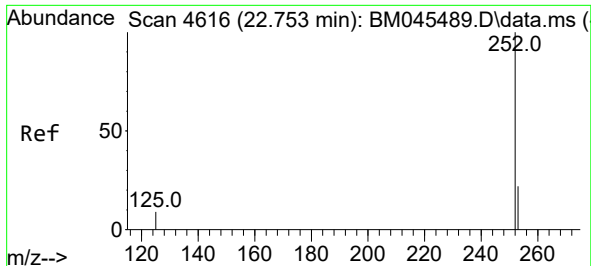
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#22
Chrysene
Concen: 1.107 ng/ul m
RT: 21.231 min Scan# 4095
Delta R.T. -0.017 min
Lab File: BM045500.D
Acq: 23 Apr 2024 03:53

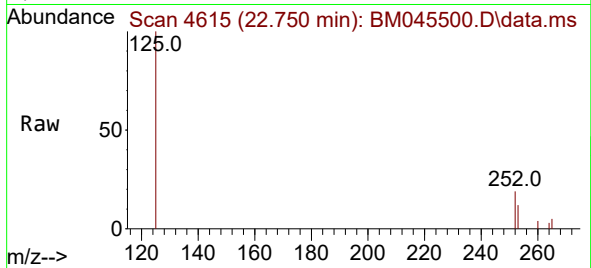
Tgt Ion:228 Resp: 44879
Ion Ratio Lower Upper
228 100
226 45.5 26.3 39.5#
229 54.0 17.8 26.8#





#24
Benzo(b)fluoranthene
Concen: 1.943 ng/ul m
RT: 22.750 min Scan# 4615
Delta R.T. -0.003 min
Lab File: BM045500.D
Acq: 23 Apr 2024 03:53

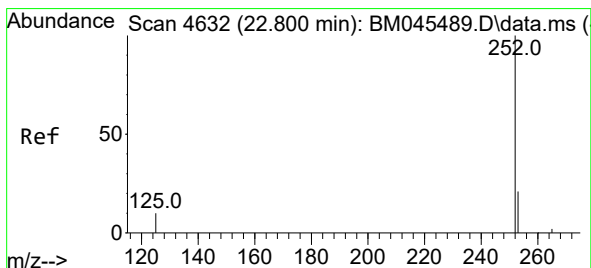
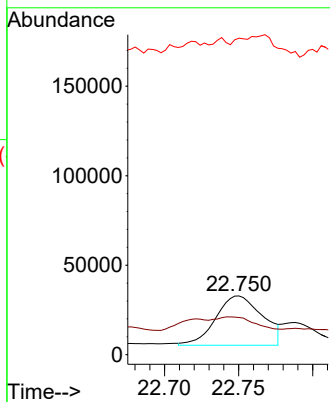
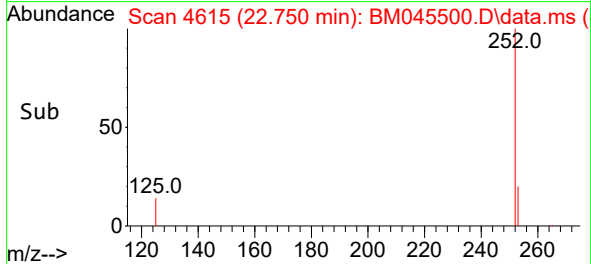
Instrument :
BNA_M
ClientSampleId :
E1CX8



Tgt Ion:252 Resp: 6084
Ion Ratio Lower Upper
252 100
253 63.3 0.0 63.4
125 539.2 0.0 36.8

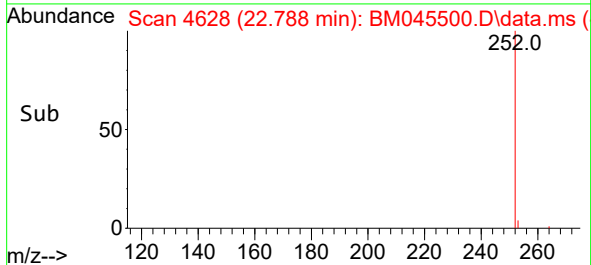
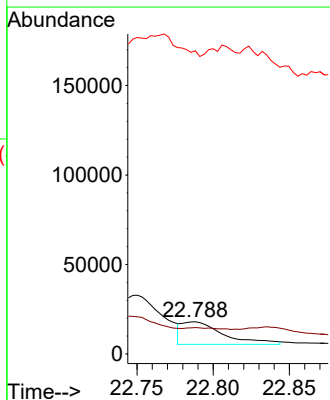
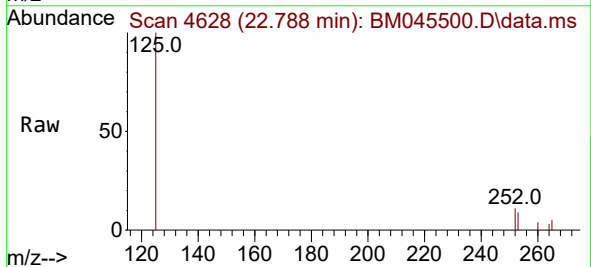
Manual Integrations
APPROVED

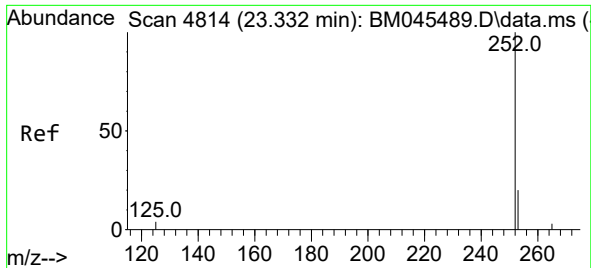
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#25
Benzo(k)fluoranthene
Concen: 0.614 ng/ul m
RT: 22.788 min Scan# 4628
Delta R.T. -0.012 min
Lab File: BM045500.D
Acq: 23 Apr 2024 03:53

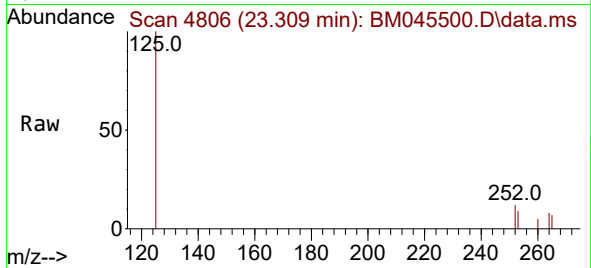
Tgt Ion:252 Resp: 24314
Ion Ratio Lower Upper
252 100
253 82.0 25.4 38.0#
125 941.9 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.801 ng/ul m
RT: 23.309 min Scan# 4806
Delta R.T. -0.023 min
Lab File: BM045500.D
Acq: 23 Apr 2024 03:53

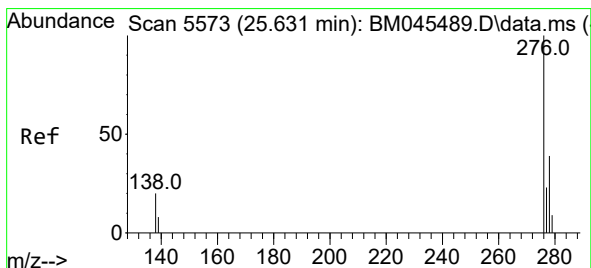
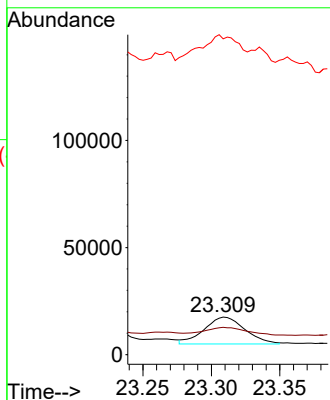
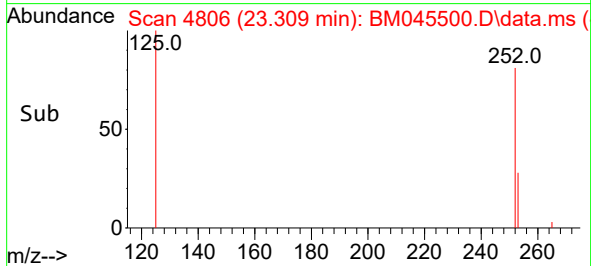
Instrument :
BNA_M
ClientSampleId :
E1CX8



Tgt Ion:252 Resp: 2602
Ion Ratio Lower Upper
252 100
253 72.8 31.6 47.4
125 838.2 19.5 29.3

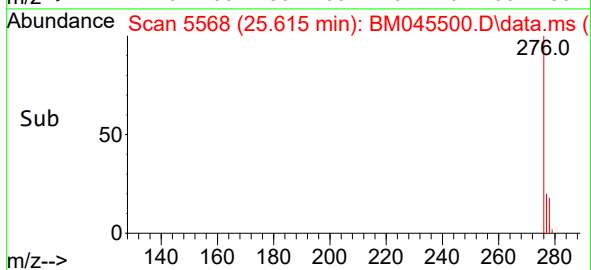
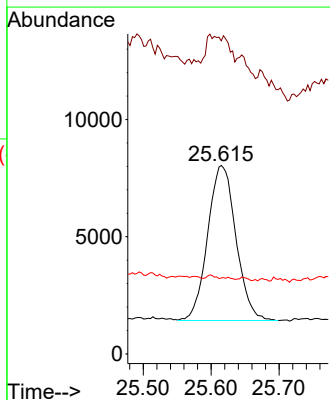
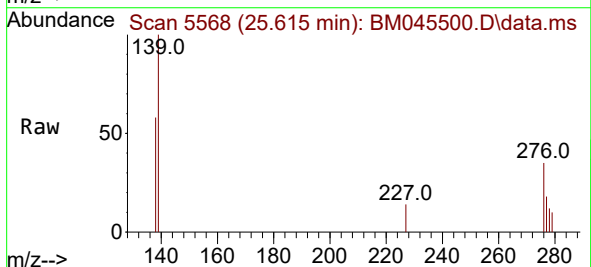
Manual Integrations
APPROVED

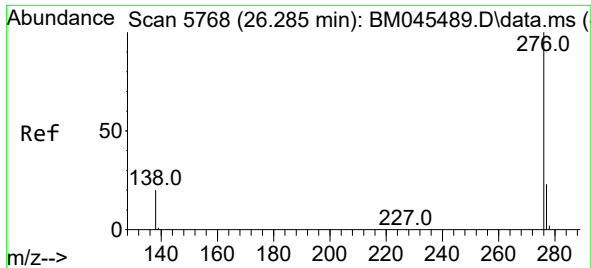
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng/ul
RT: 25.615 min Scan# 5568
Delta R.T. -0.017 min
Lab File: BM045500.D
Acq: 23 Apr 2024 03:53

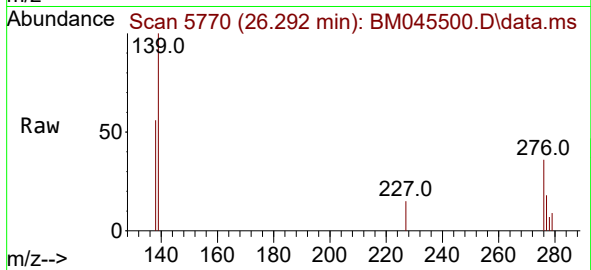
Tgt Ion:276 Resp: 19151
Ion Ratio Lower Upper
276 100
138 27.4 19.8 29.6
227 1.0 0.2 0.2





#29
Benzo(g,h,i)perylene
Concen: 0.434 ng/ul
RT: 26.292 min Scan# 51
Delta R.T. 0.007 min
Lab File: BM045500.D
Acq: 23 Apr 2024 03:53

Instrument :
BNA_M
ClientSampleId :
E1CX8



Tgt Ion:276 Resp: 18425
Ion Ratio Lower Upper
276 100
138 154.6 20.8 31.25
277 50.5 21.8 32.85

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024

