

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042024\
 Data File : BM045468.D
 Acq On : 21 Apr 2024 18:46
 Operator : MA/JU
 Sample : P2181-01
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK9

Manual Integrations
 APPROVED

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

Quant Time: Apr 22 02:05:12 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 : Mon Apr 22 02:01:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	888	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.319	136	2602	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.201	164	1982	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.968	188	3671m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.183	240	3418	0.400	ng/ul	-0.03
23) Perylene-d12	23.375	264	3311m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	5249	4.410	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	1884	0.549	ng/ul	-0.06
18) Fluoranthene-d10	19.011	212	4854	0.451	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.369	128	179759	25.726	ng/ul#	86
7) 2-Methylnaphthalene	11.997	142	4704	1.179	ng/ul	99
8) 1-Methylnaphthalene	12.217	142	11191	2.501	ng/ul	98
10) Acenaphthylene	13.924	152	13122	1.342	ng/ul#	93
11) Acenaphthene	14.275	153	1565632	215.688	ng/ul	96
12) Fluorene	15.265	166	347975	44.818	ng/ul#	96
15) Phenanthrene	17.006	178	11225m	1.050	ng/ul	
16) Anthracene	17.099	178	58936m	5.892	ng/ul	
19) Fluoranthene	19.039	202	189859	12.037	ng/ul#	90
20) Pyrene	19.406	202	99982	6.167	ng/ul#	92
21) Benzo(a)anthracene	21.169	228	4567	0.418	ng/ul	97
22) Chrysene	21.221	228	1315m	0.078	ng/ul	

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

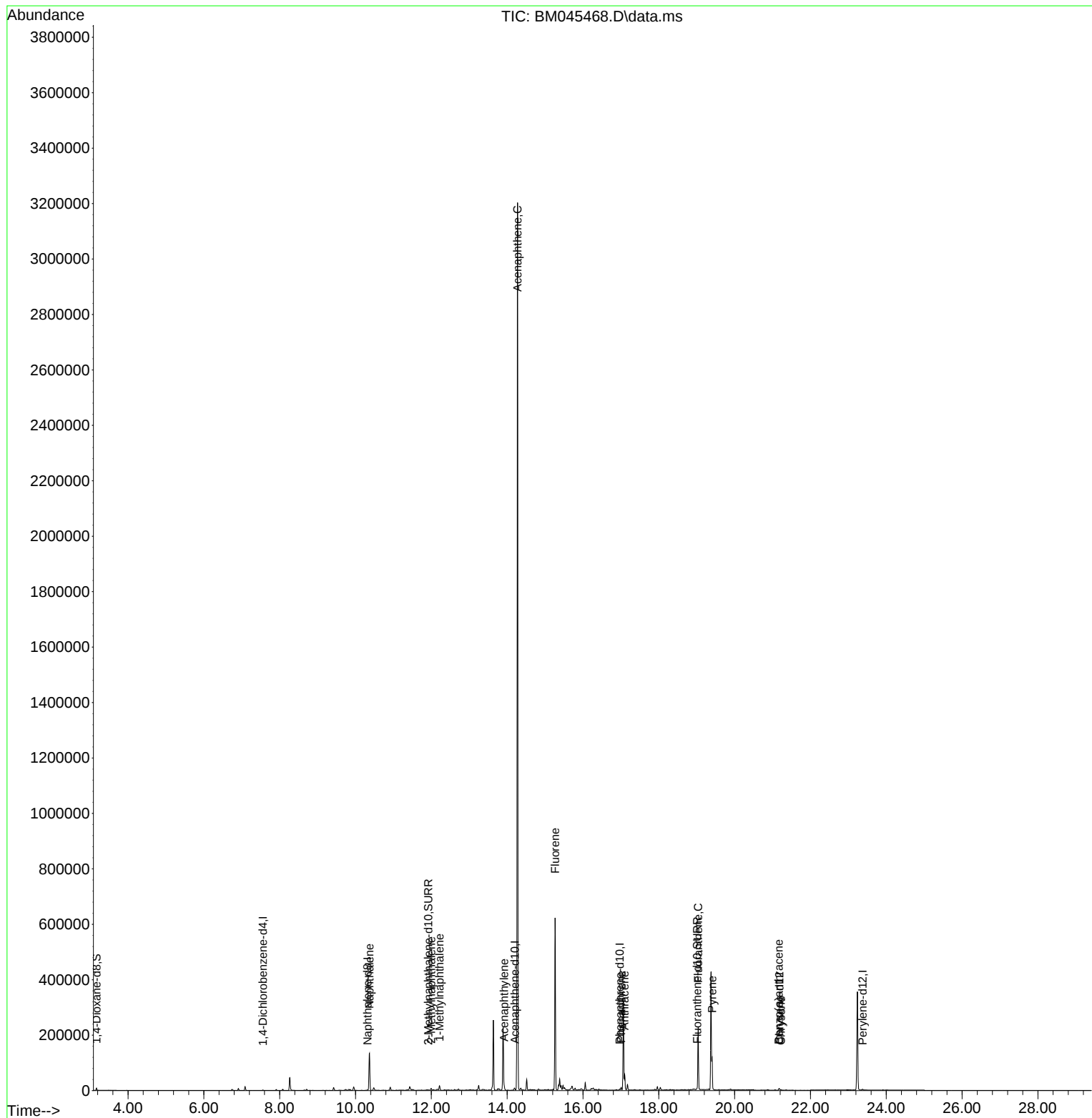
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042024\
Data File : BM045468.D
Acq On : 21 Apr 2024 18:46
Operator : MA/JU
Sample : P2181-01
Misc :
ALS Vial : 51 Sample Multiplier: 1

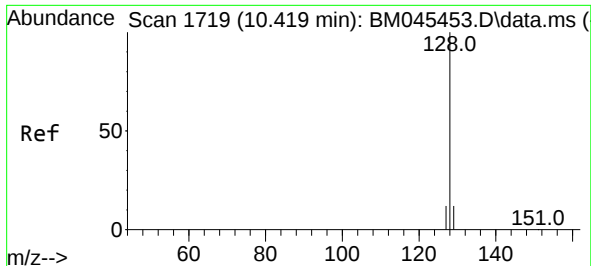
Instrument :
BNA_M
ClientSampleId :
C0AK9

Manual Integrations
APPROVED

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

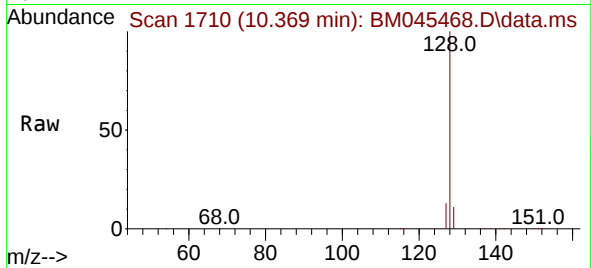
Quant Time: Apr 22 02:05:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 22 02:01:19 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 25.726 ng/ul
RT: 10.369 min Scan# 1719
Delta R.T. -0.050 min
Lab File: BM045468.D
Acq: 21 Apr 2024 18:46

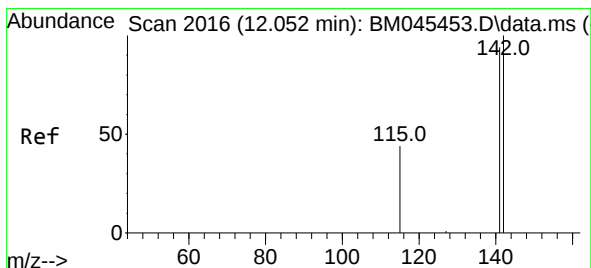
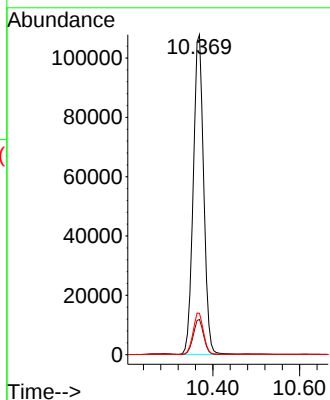
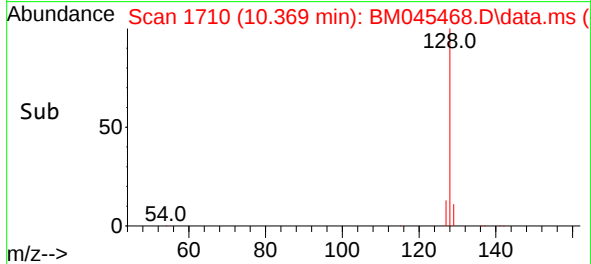
Instrument :
BNA_M
ClientSampleId :
C0AK9



Tgt Ion:128 Resp: 179759
Ion Ratio Lower Upper
128 100
129 11.0 14.0 21.0
127 13.0 15.4 23.2

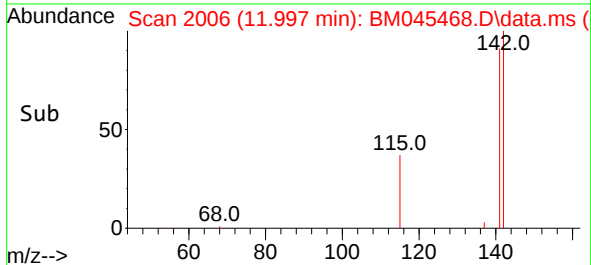
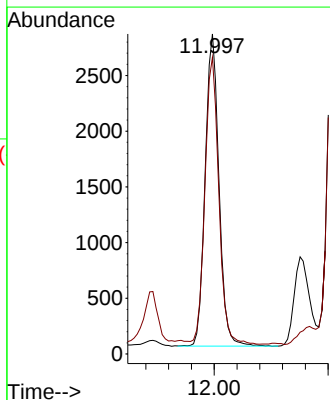
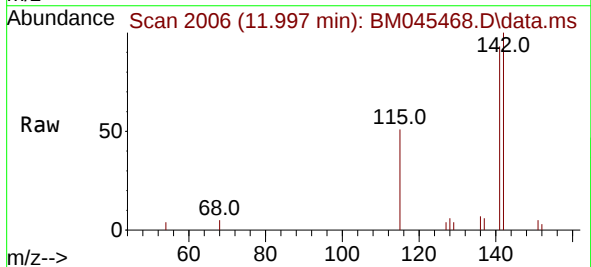
Manual Integrations
APPROVED

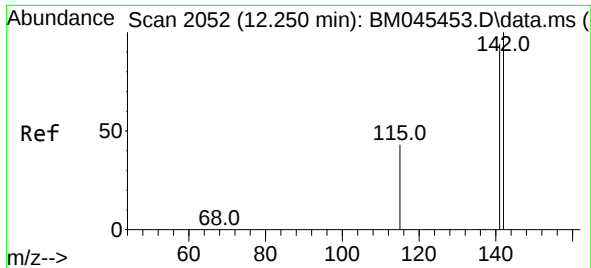
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#7
2-Methylnaphthalene
Concen: 1.179 ng/ul
RT: 11.997 min Scan# 2006
Delta R.T. -0.055 min
Lab File: BM045468.D
Acq: 21 Apr 2024 18:46

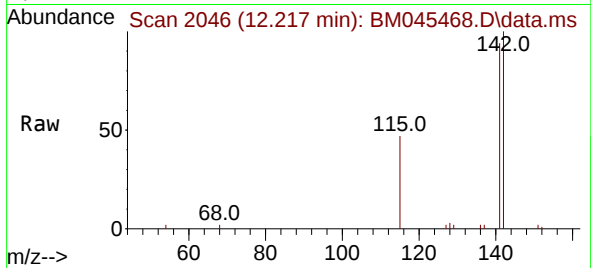
Tgt Ion:142 Resp: 4704
Ion Ratio Lower Upper
142 100
141 92.0 74.6 111.8





#8
1-Methylnaphthalene
Concen: 2.501 ng/ul
RT: 12.217 min Scan# 2052
Delta R.T. -0.033 min
Lab File: BM045468.D
Acq: 21 Apr 2024 18:46

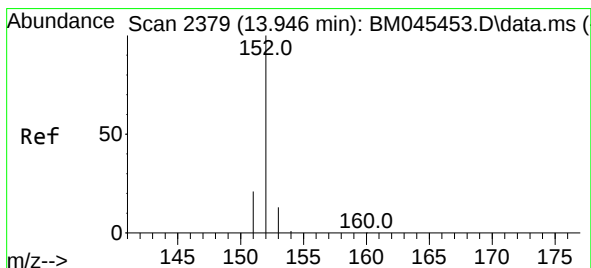
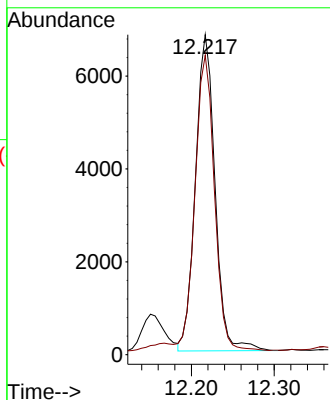
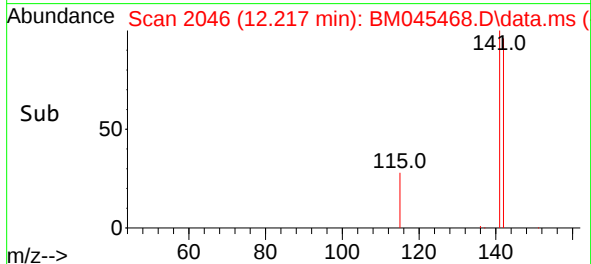
Instrument :
BNA_M
ClientSampleId :
C0AK9



Tgt Ion:142 Resp: 1119
Ion Ratio Lower Upper
142 100
141 92.8 76.1 114.1

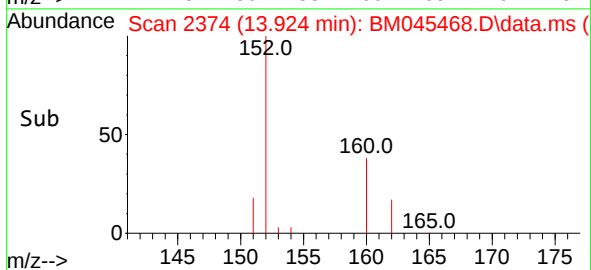
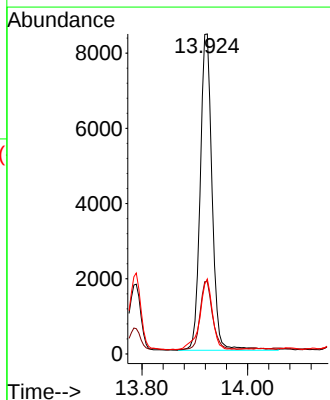
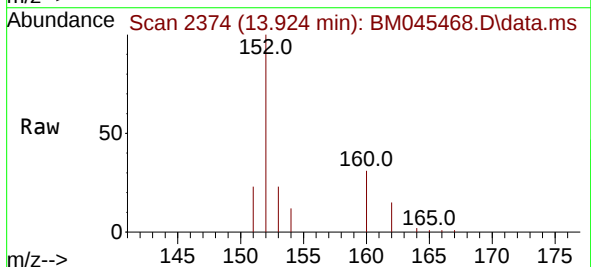
Manual Integrations
APPROVED

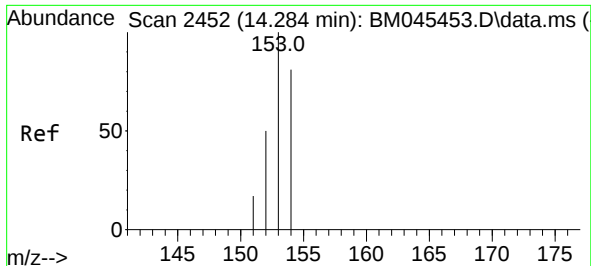
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#10
Acenaphthylene
Concen: 1.342 ng/ul
RT: 13.924 min Scan# 2374
Delta R.T. -0.022 min
Lab File: BM045468.D
Acq: 21 Apr 2024 18:46

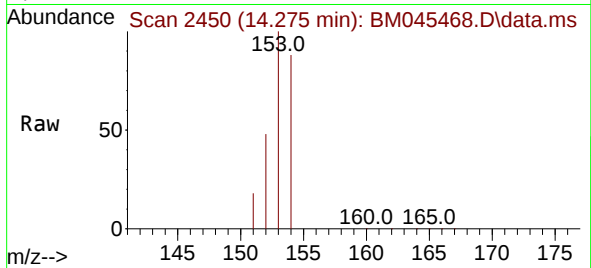
Tgt Ion:152 Resp: 13122
Ion Ratio Lower Upper
152 100
151 22.6 18.6 28.0
153 23.5 14.1 21.1#





#11
Acenaphthene
Concen: 215.688 ng/ul
RT: 14.275 min Scan# 2450
Delta R.T. -0.008 min
Lab File: BM045468.D
Acq: 21 Apr 2024 18:46

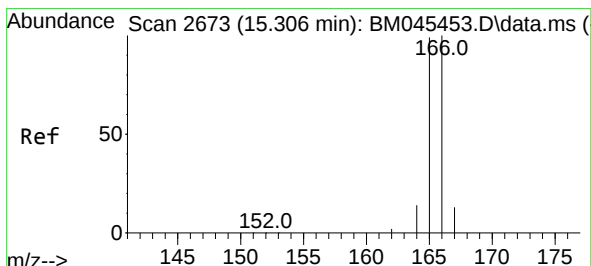
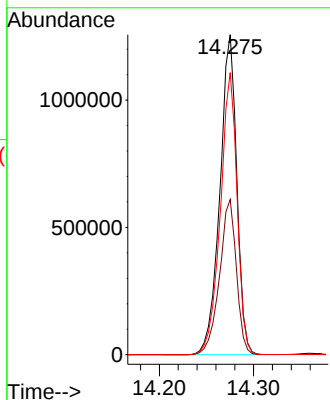
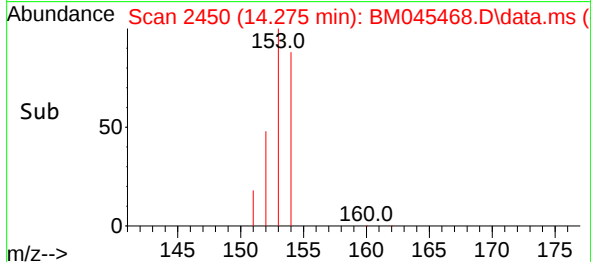
Instrument :
BNA_M
ClientSampleId :
C0AK9



Tgt Ion:153 Resp: 156563
Ion Ratio Lower Upper
153 100
152 48.5 43.4 65.2
154 88.1 69.0 103.6

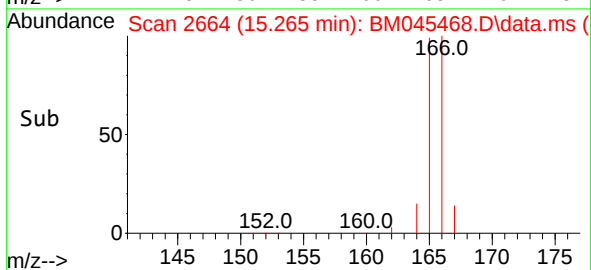
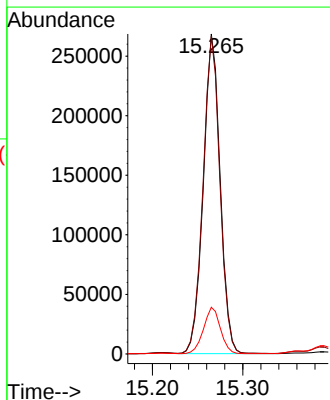
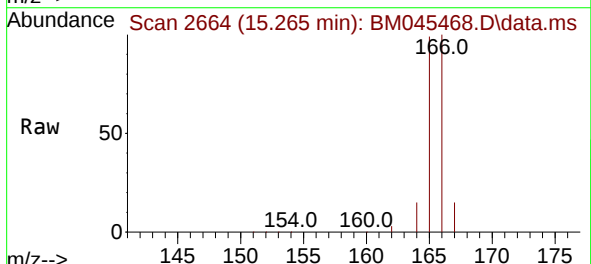
Manual Integrations
APPROVED

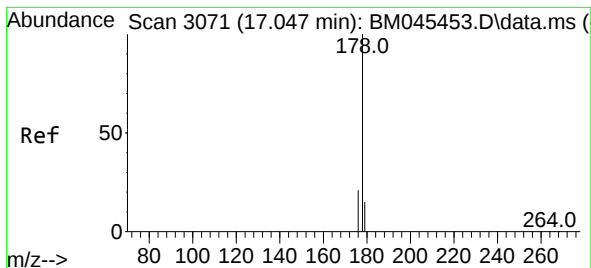
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#12
Fluorene
Concen: 44.818 ng/ul
RT: 15.265 min Scan# 2664
Delta R.T. -0.041 min
Lab File: BM045468.D
Acq: 21 Apr 2024 18:46

Tgt Ion:166 Resp: 347975
Ion Ratio Lower Upper
166 100
165 99.3 82.2 123.2
167 14.6 14.8 22.2#





#15

Phenanthrene

Concen: 1.050 ng/ul m

RT: 17.006 min Scan# 3061

Delta R.T. -0.041 min

Lab File: BM045468.D

Acq: 21 Apr 2024 18:46

Instrument :

BNA_M

ClientSampleId :

C0AK9

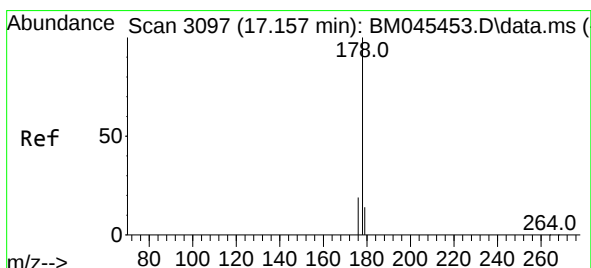
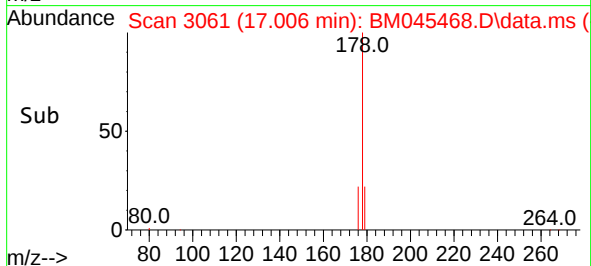
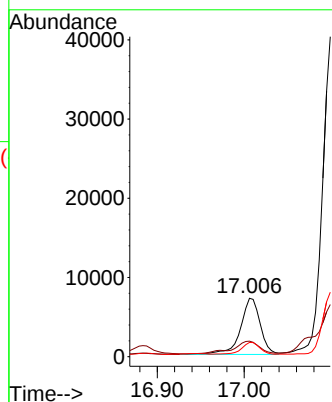
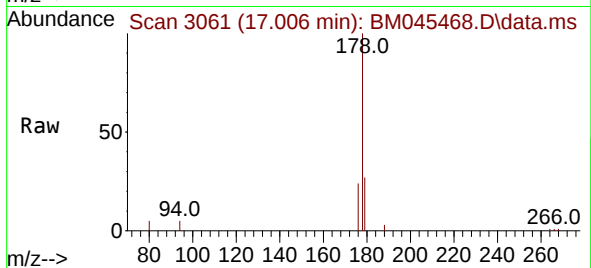
Tgt Ion:178	Resp:	11225
Ion Ratio	Lower	Upper
178	100	
179	26.6	15.4 23.2
176	24.4	19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#16

Anthracene

Concen: 5.892 ng/ul m

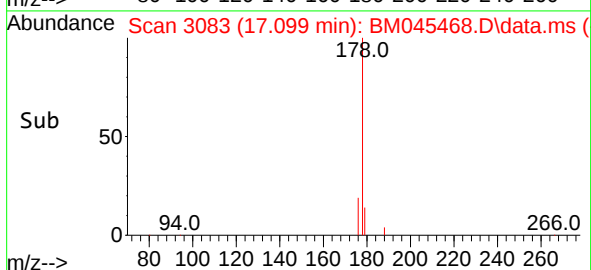
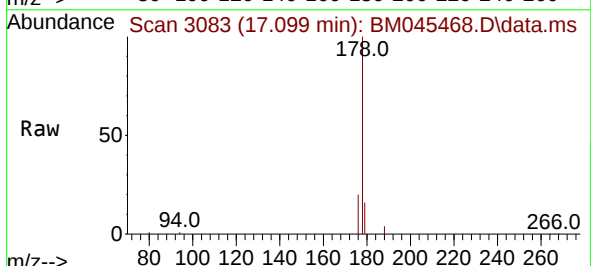
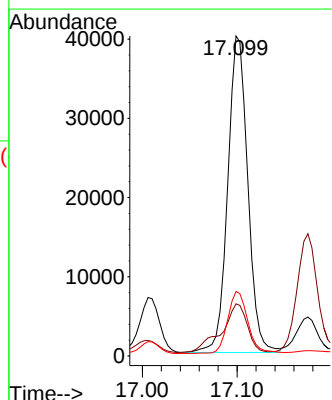
RT: 17.099 min Scan# 3083

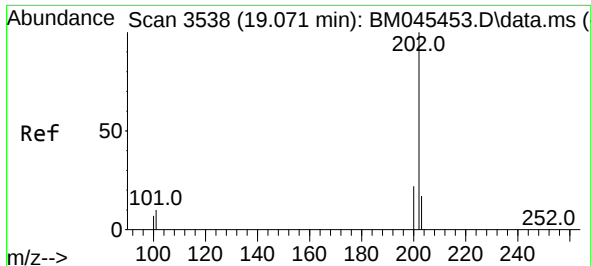
Delta R.T. -0.058 min

Lab File: BM045468.D

Acq: 21 Apr 2024 18:46

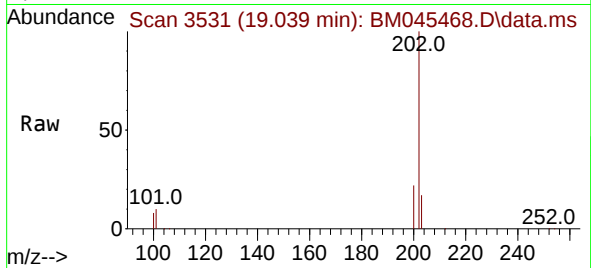
Tgt Ion:178	Resp:	58936
Ion Ratio	Lower	Upper
178	100	
179	16.3	17.8 26.6
176	20.2	18.7 28.1





#19
Fluoranthene
Concen: 12.037 ng/ul
RT: 19.039 min Scan# 3531
Delta R.T. -0.032 min
Lab File: BM045468.D
Acq: 21 Apr 2024 18:46

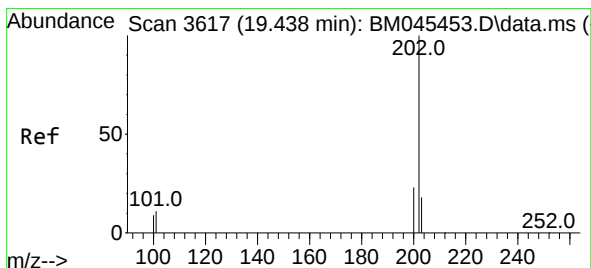
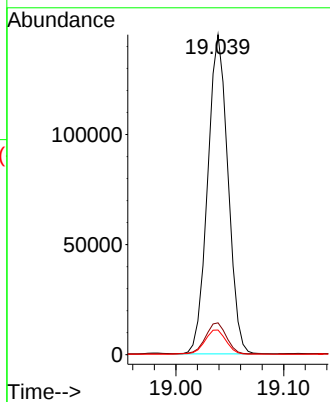
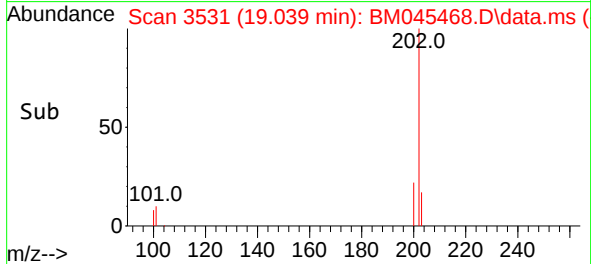
Instrument :
BNA_M
ClientSampleId :
C0AK9



Tgt Ion:202 Resp: 18985
Ion Ratio Lower Upper
202 100
101 10.0 11.2 16.8
100 7.7 9.1 13.7

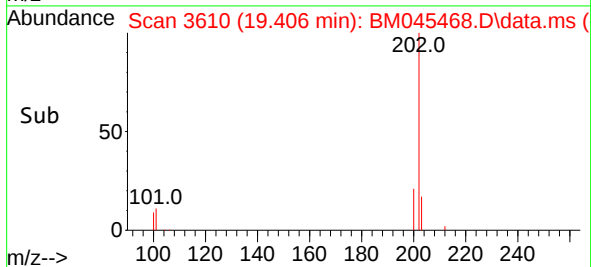
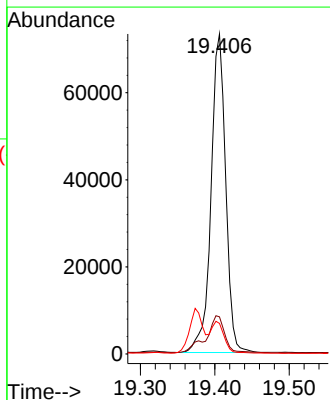
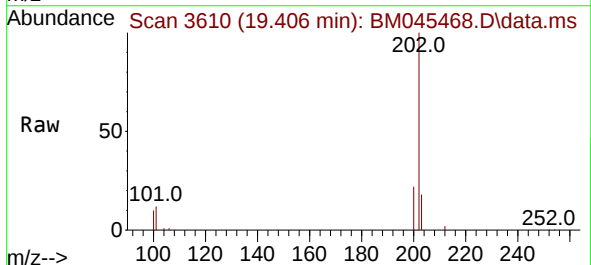
Manual Integrations
APPROVED

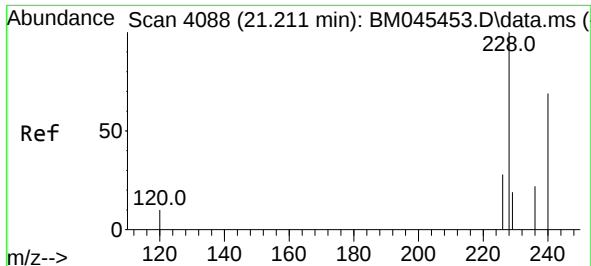
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#20
Pyrene
Concen: 6.167 ng/ul
RT: 19.406 min Scan# 3610
Delta R.T. -0.032 min
Lab File: BM045468.D
Acq: 21 Apr 2024 18:46

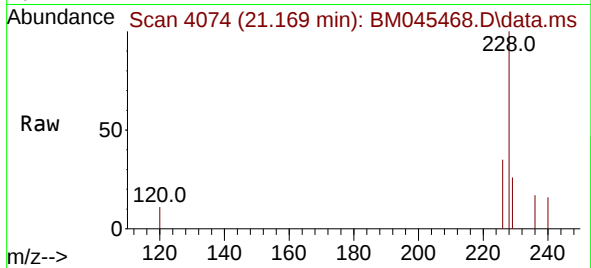
Tgt Ion:202 Resp: 99982
Ion Ratio Lower Upper
202 100
101 11.6 11.5 17.3
100 9.6 10.6 15.8





#21
Benzo(a)anthracene
Concen: 0.418 ng/ul
RT: 21.169 min Scan# 4074
Delta R.T. -0.042 min
Lab File: BM045468.D
Acq: 21 Apr 2024 18:46

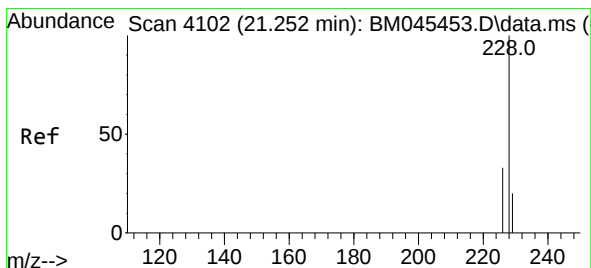
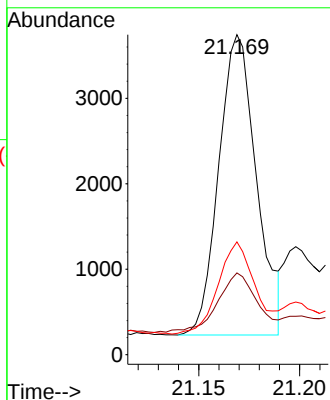
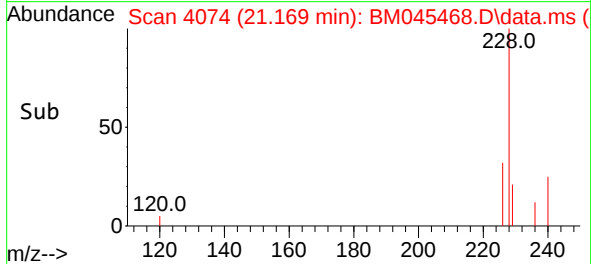
Instrument :
BNA_M
ClientSampleId :
C0AK9



Tgt Ion:228 Resp: 456
Ion Ratio Lower Upper
228 100
229 25.6 19.4 29.2
226 35.3 26.3 39.5

Manual Integrations
APPROVED

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



#22
Chrysene
Concen: 0.078 ng/ul m
RT: 21.221 min Scan# 4092
Delta R.T. -0.030 min
Lab File: BM045468.D
Acq: 21 Apr 2024 18:46

Tgt Ion:228 Resp: 1315
Ion Ratio Lower Upper
228 100
226 46.4 26.3 39.5#
229 37.9 17.8 26.8#

