

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
 Data File : BM045949.D
 Acq On : 10 Jun 2024 14:07
 Operator : MA/JU
 Sample : P2642-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B32

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/10/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 15:00:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.459	152	4729	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.227	136	15478	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.104	164	8235	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.846	188	18829m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.041	240	14987m	0.400	ng/ul	-0.01
23) Perylene-d12	23.142	264	16487m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.054	96	24910	4.625	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.838	152	5814	0.261	ng/ul	0.00
18) Fluoranthene-d10	18.877	212	13550	0.302	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.277	128	7573	0.187	ng/ul	97
7) 2-Methylnaphthalene	11.910	142	2769	0.107	ng/ul	100
8) 1-Methylnaphthalene	12.130	142	2538	0.090	ng/ul	99
10) Acenaphthylene	13.822	152	12349	0.330	ng/ul	99
11) Acenaphthene	14.164	153	8630	0.314	ng/ul	99
12) Fluorene	15.154	166	10200	0.332	ng/ul	99
15) Phenanthrene	16.884	178	242057m	4.579	ng/ul	
16) Anthracene	16.977	178	44316m	0.983	ng/ul	
19) Fluoranthene	18.905	202	483357	8.088	ng/ul	99
20) Pyrene	19.267	202	343980	5.518	ng/ul	99
21) Benzo(a)anthracene	21.023	228	211164m	3.839	ng/ul	
22) Chrysene	21.073	228	223932	3.739	ng/ul	99
24) Benzo(b)fluoranthene	22.522	252	300107m	5.488	ng/ul	
25) Benzo(k)fluoranthene	22.557	252	111485m	1.855	ng/ul	
26) Benzo(a)pyrene	23.051	252	127572	2.346	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.202	276	118839	1.690	ng/ul	92
28) Dibenzo(a,h)anthracene	25.209	278	34974	0.622	ng/ul	99
29) Benzo(g,h,i)perylene	25.833	276	18727	0.309	ng/ul	94

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

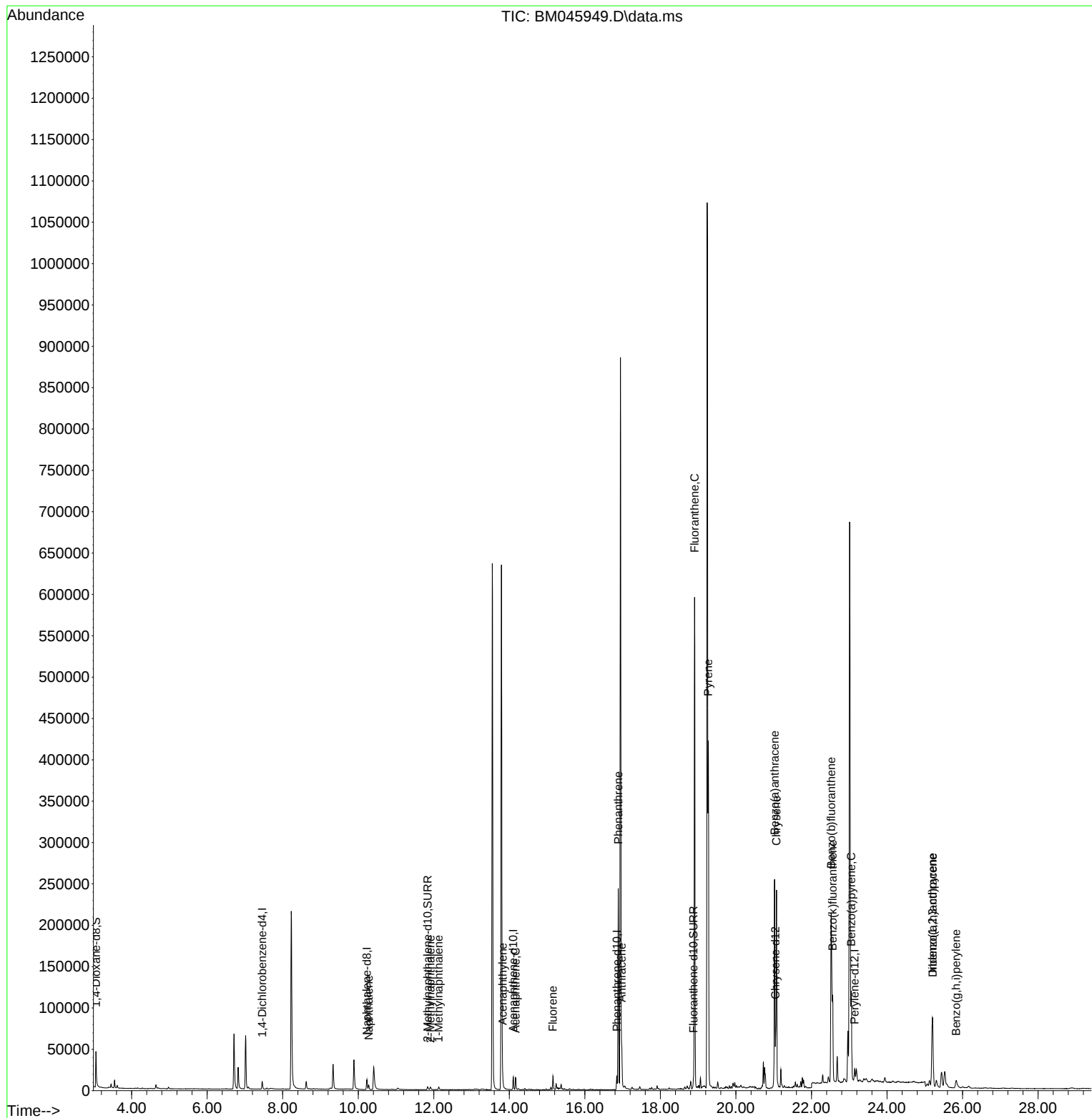
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045949.D
Acq On : 10 Jun 2024 14:07
Operator : MA/JU
Sample : P2642-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

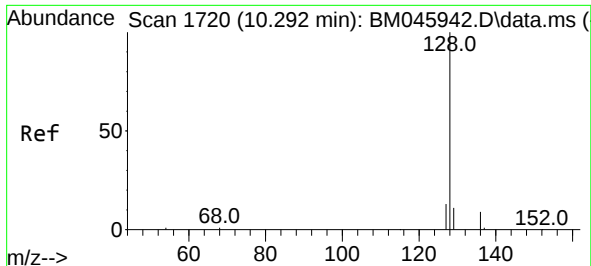
Instrument :
BNA_M
ClientSampleId :
A4B32

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

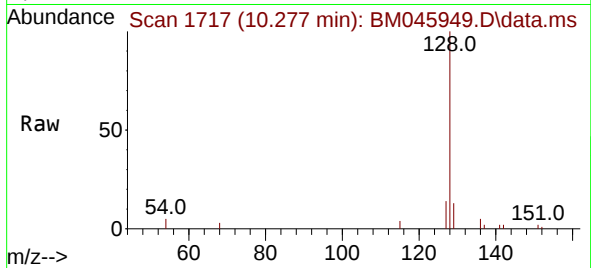
Quant Time: Jun 10 15:00:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.187 ng/ul
RT: 10.277 min Scan# 1717
Delta R.T. -0.026 min
Lab File: BM045949.D
Acq: 10 Jun 2024 14:07

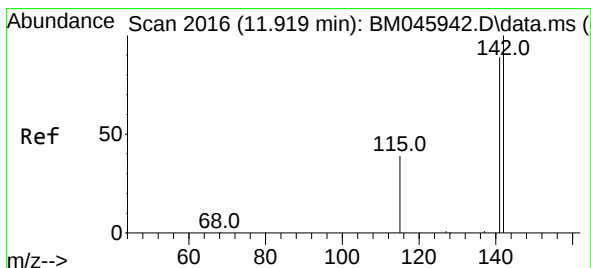
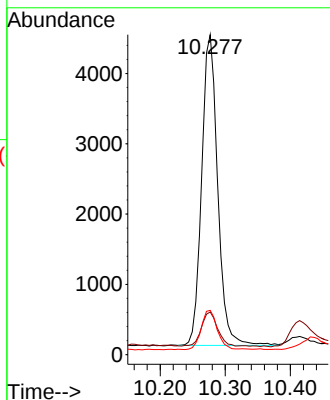
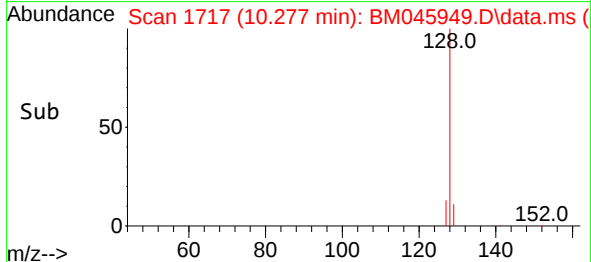
Instrument :
BNA_M
ClientSampleId :
A4B32



Tgt Ion:128 Resp: 757
Ion Ratio Lower Upper
128 100
129 13.4 9.4 14.0
127 13.9 10.6 15.8

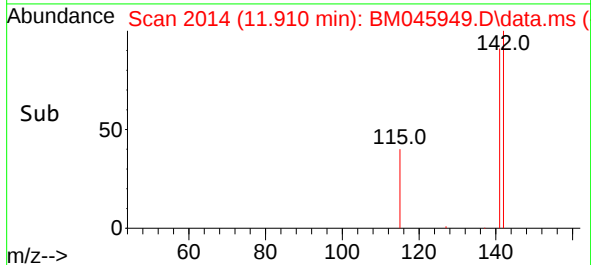
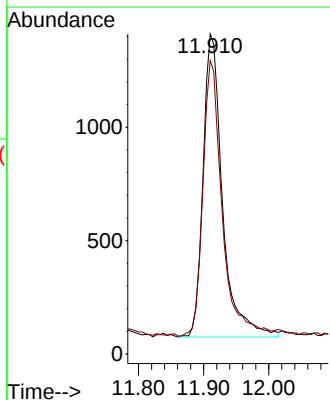
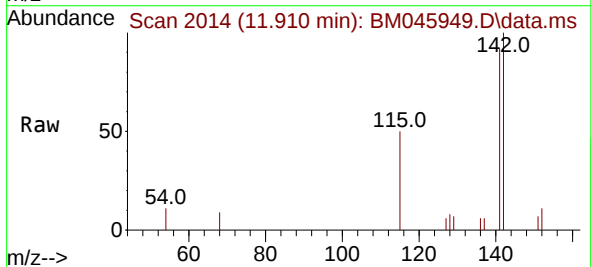
Manual Integrations
APPROVED

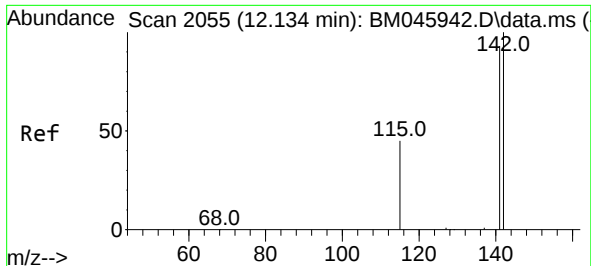
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#7
2-Methylnaphthalene
Concen: 0.107 ng/ul
RT: 11.910 min Scan# 2014
Delta R.T. -0.010 min
Lab File: BM045949.D
Acq: 10 Jun 2024 14:07

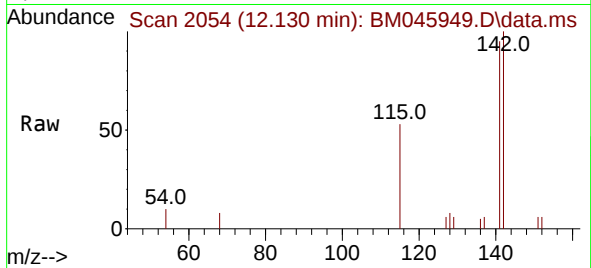
Tgt Ion:142 Resp: 2769
Ion Ratio Lower Upper
142 100
141 90.2 72.2 108.4





#8
1-Methylnaphthalene
Concen: 0.090 ng/ul
RT: 12.130 min Scan# 2054
Delta R.T. -0.015 min
Lab File: BM045949.D
Acq: 10 Jun 2024 14:07

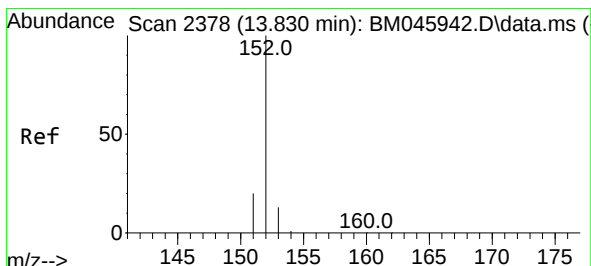
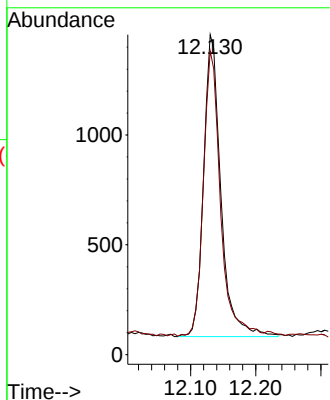
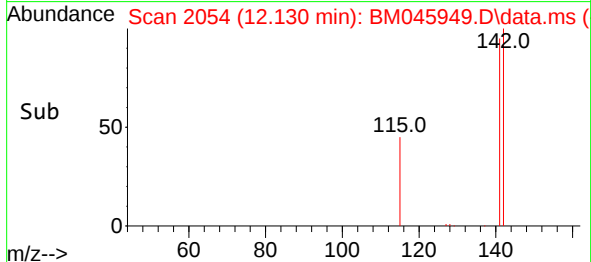
Instrument :
BNA_M
ClientSampleId :
A4B32



Tgt Ion:142 Resp: 2538
Ion Ratio Lower Upper
142 100
141 93.3 73.5 110.3

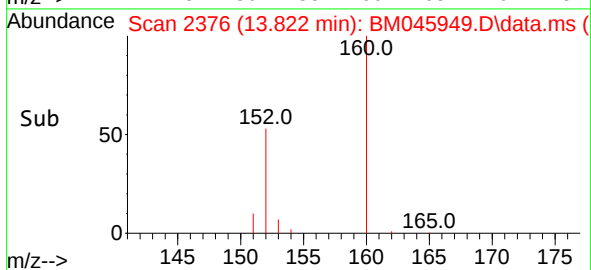
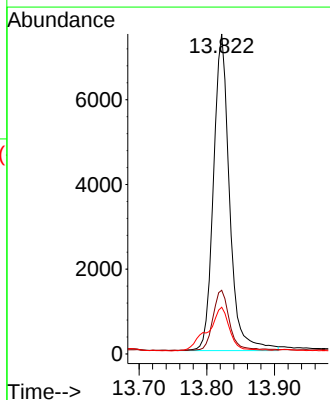
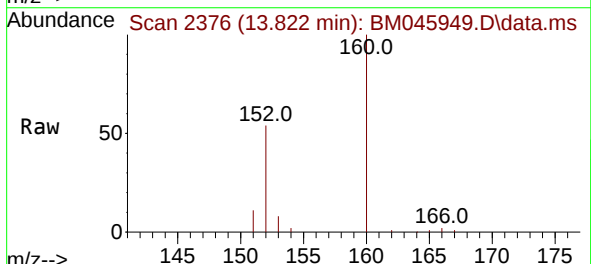
Manual Integrations
APPROVED

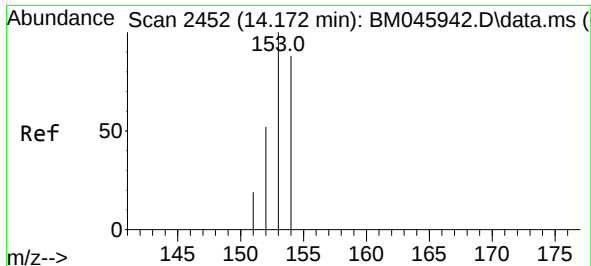
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#10
Acenaphthylene
Concen: 0.330 ng/ul
RT: 13.822 min Scan# 2376
Delta R.T. -0.017 min
Lab File: BM045949.D
Acq: 10 Jun 2024 14:07

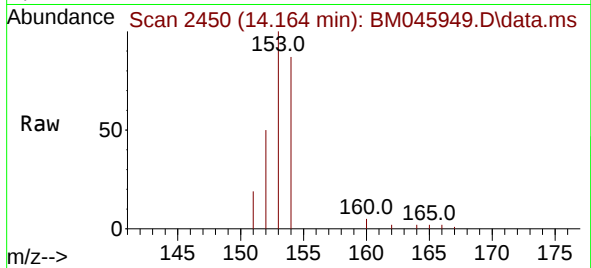
Tgt Ion:152 Resp: 12349
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 14.6 11.1 16.7





#11
Acenaphthene
Concen: 0.314 ng/u1
RT: 14.164 min Scan# 2450
Delta R.T. -0.017 min
Lab File: BM045949.D
Acq: 10 Jun 2024 14:07

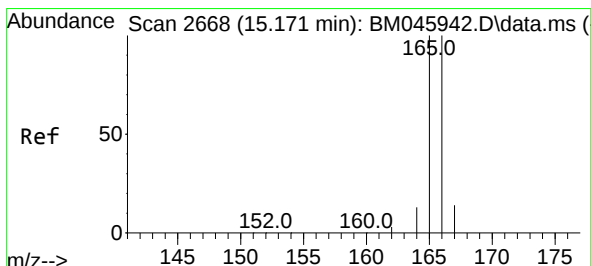
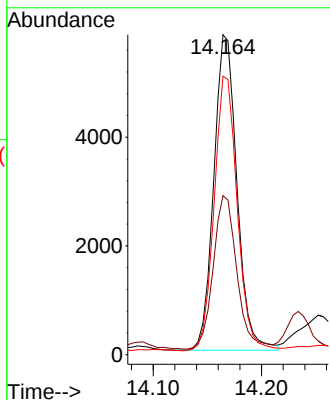
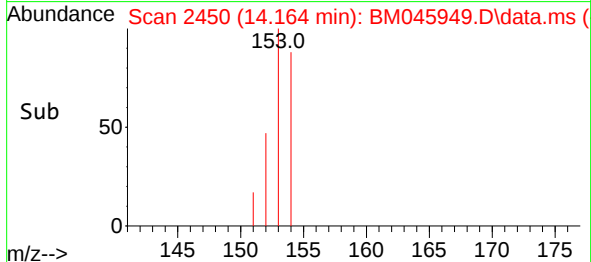
Instrument :
BNA_M
ClientSampleId :
A4B32



Tgt Ion:153 Resp: 8630
Ion Ratio Lower Upper
153 100
152 49.7 39.0 58.4
154 87.1 69.4 104.2

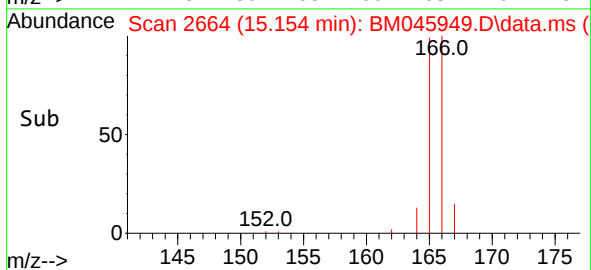
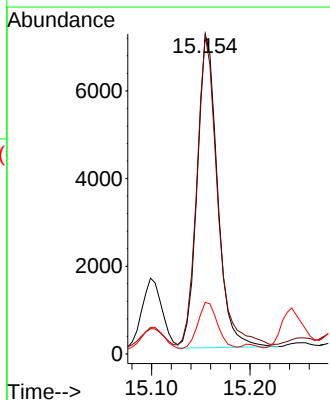
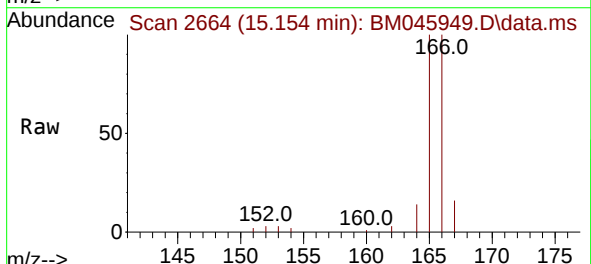
Manual Integrations
APPROVED

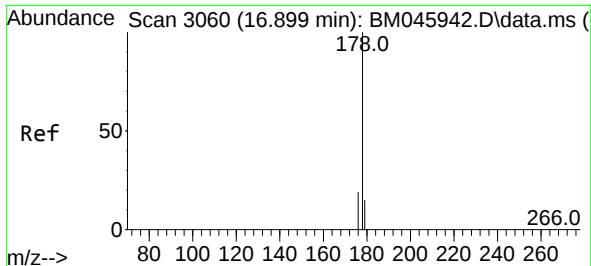
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#12
Fluorene
Concen: 0.332 ng/u1
RT: 15.154 min Scan# 2664
Delta R.T. -0.022 min
Lab File: BM045949.D
Acq: 10 Jun 2024 14:07

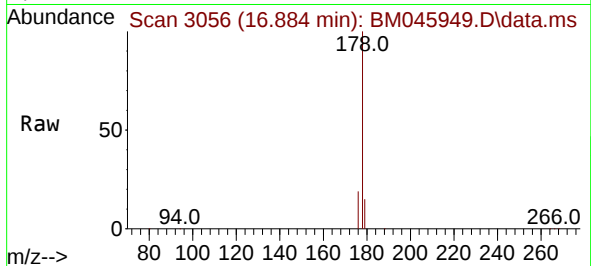
Tgt Ion:166 Resp: 10200
Ion Ratio Lower Upper
166 100
165 99.5 79.7 119.5
167 16.1 11.3 16.9





#15
Phenanthrene
Concen: 4.579 ng/ul m
RT: 16.884 min Scan# 3056
Delta R.T. -0.020 min
Lab File: BM045949.D
Acq: 10 Jun 2024 14:07

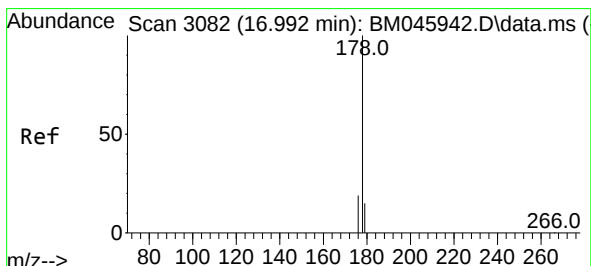
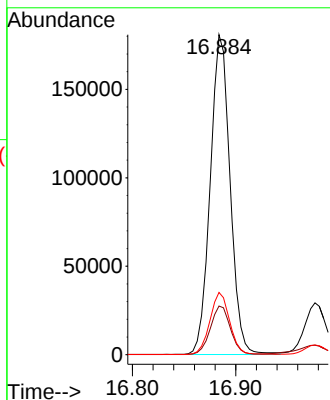
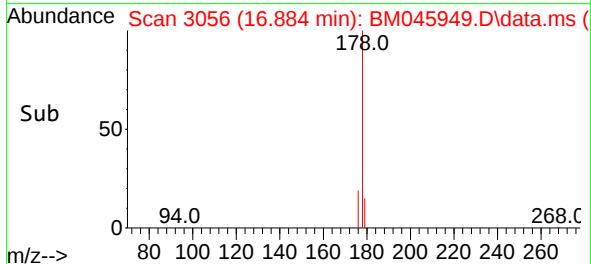
Instrument :
BNA_M
ClientSampleId :
A4B32



Tgt Ion:178 Resp: 24205
Ion Ratio Lower Upper
178 100
179 15.2 12.7 19.1
176 19.5 15.6 23.4

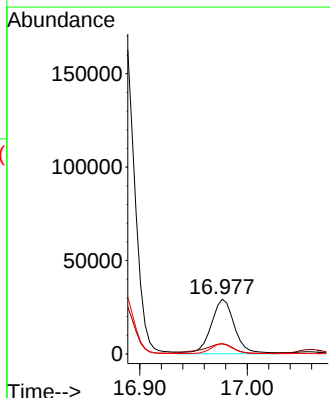
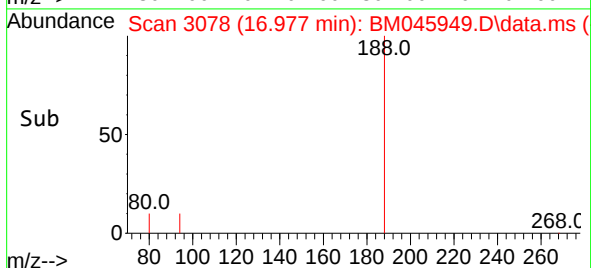
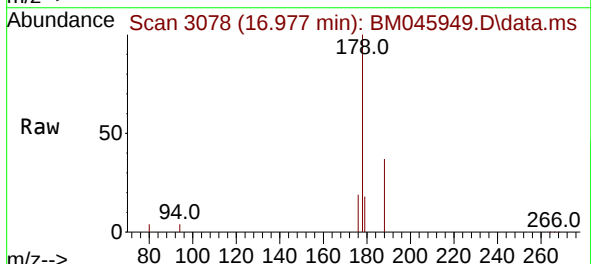
Manual Integrations
APPROVED

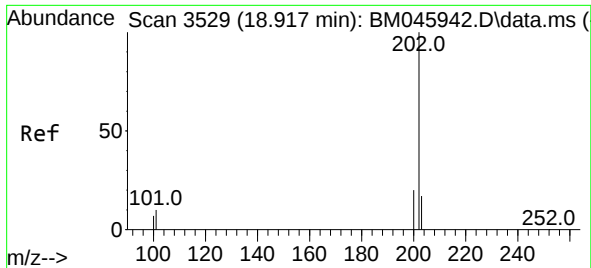
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#16
Anthracene
Concen: 0.983 ng/ul m
RT: 16.977 min Scan# 3078
Delta R.T. -0.020 min
Lab File: BM045949.D
Acq: 10 Jun 2024 14:07

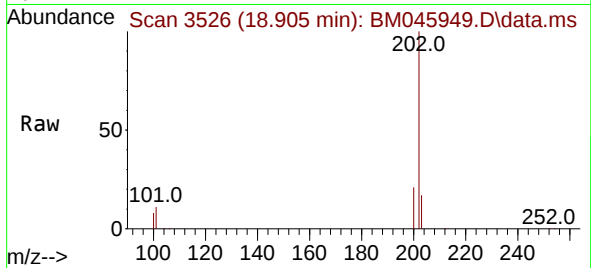
Tgt Ion:178 Resp: 44316
Ion Ratio Lower Upper
178 100
179 18.4 13.1 19.7
176 18.9 15.5 23.3





#19
Fluoranthene
Concen: 8.088 ng/ul
RT: 18.905 min Scan# 3526
Delta R.T. -0.017 min
Lab File: BM045949.D
Acq: 10 Jun 2024 14:07

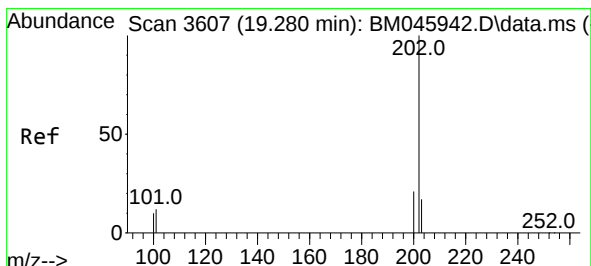
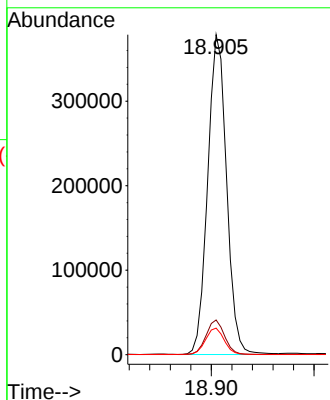
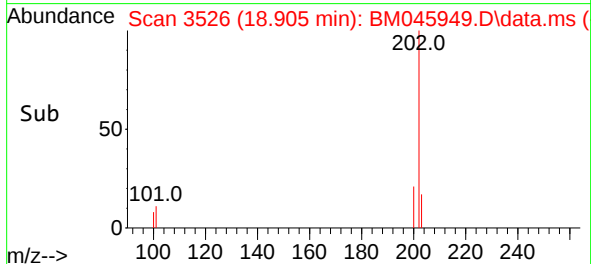
Instrument :
BNA_M
ClientSampleId :
A4B32



Tgt Ion:202 Resp: 48335
Ion Ratio Lower Upper
202 100
101 10.8 9.0 13.6
100 8.3 7.0 10.6

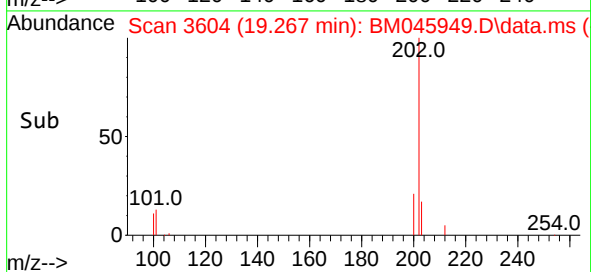
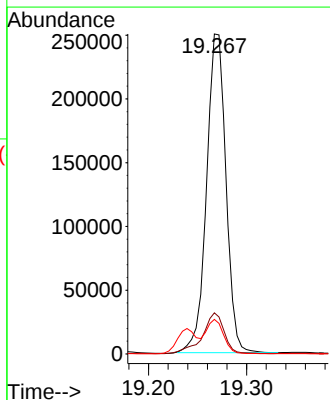
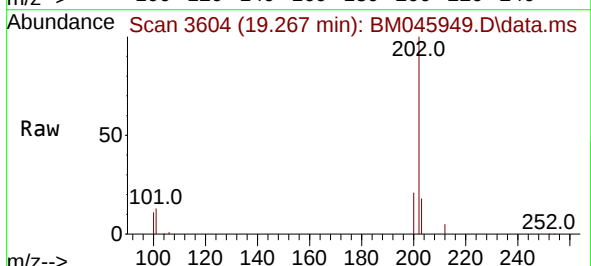
Manual Integrations
APPROVED

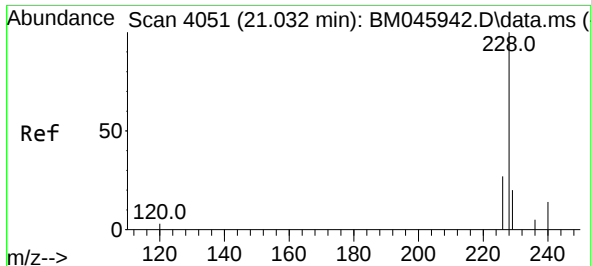
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#20
Pyrene
Concen: 5.518 ng/ul
RT: 19.267 min Scan# 3604
Delta R.T. -0.017 min
Lab File: BM045949.D
Acq: 10 Jun 2024 14:07

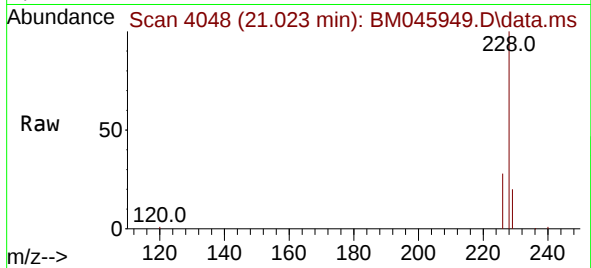
Tgt Ion:202 Resp: 343980
Ion Ratio Lower Upper
202 100
101 12.9 10.6 16.0
100 10.8 9.1 13.7





#21
Benzo(a)anthracene
Concen: 3.839 ng/ul m
RT: 21.023 min Scan# 4065
Delta R.T. -0.012 min
Lab File: BM045949.D
Acq: 10 Jun 2024 14:07

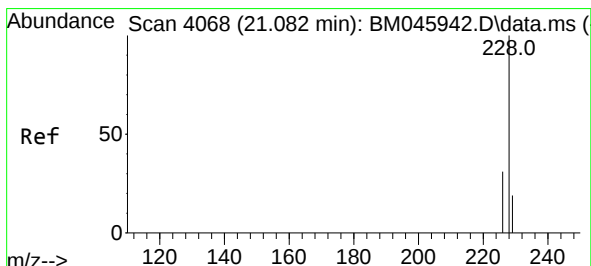
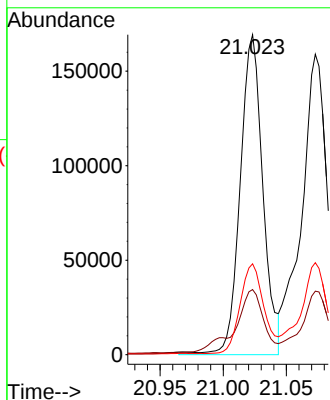
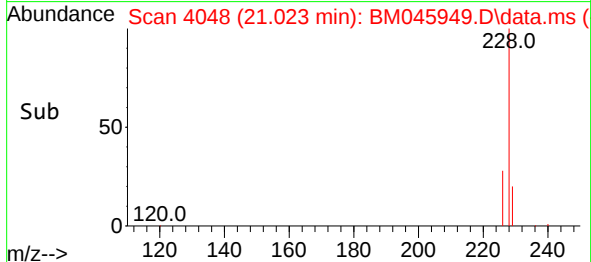
Instrument :
BNA_M
ClientSampleId :
A4B32



Tgt Ion:228 Resp: 211164
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 28.4 22.0 33.0

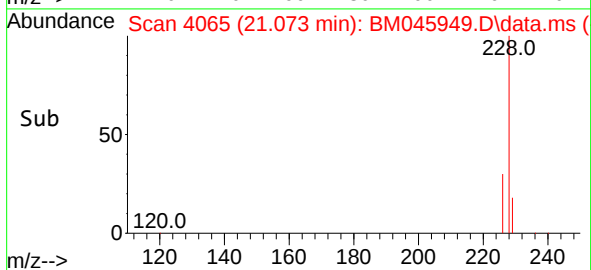
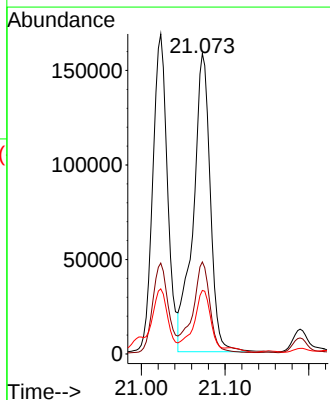
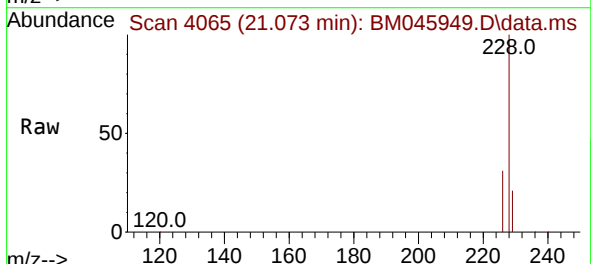
Manual Integrations
APPROVED

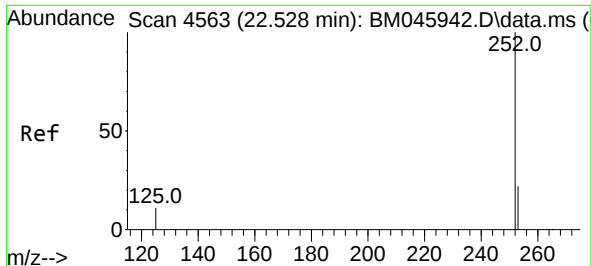
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#22
Chrysene
Concen: 3.739 ng/ul
RT: 21.073 min Scan# 4065
Delta R.T. -0.015 min
Lab File: BM045949.D
Acq: 10 Jun 2024 14:07

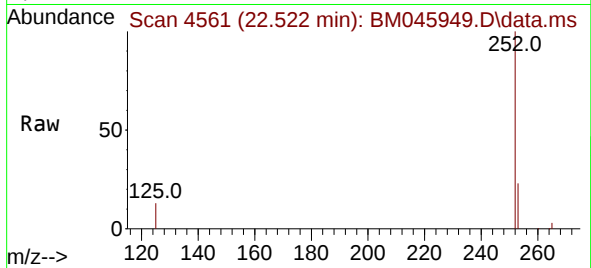
Tgt Ion:228 Resp: 223932
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 21.1 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 5.488 ng/ul m
RT: 22.522 min Scan# 4561
Delta R.T. -0.015 min
Lab File: BM045949.D
Acq: 10 Jun 2024 14:07

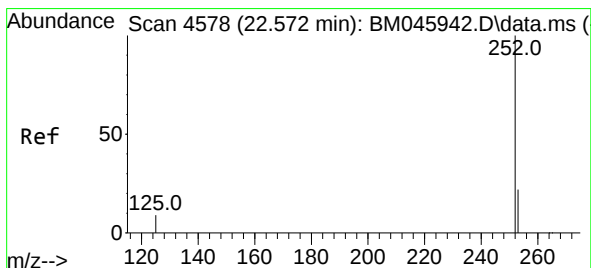
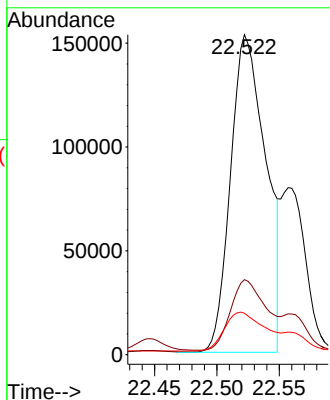
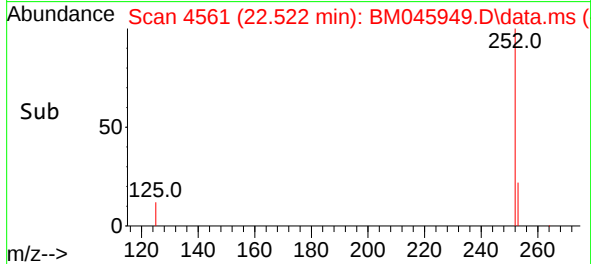
Instrument :
BNA_M
ClientSampleId :
A4B32



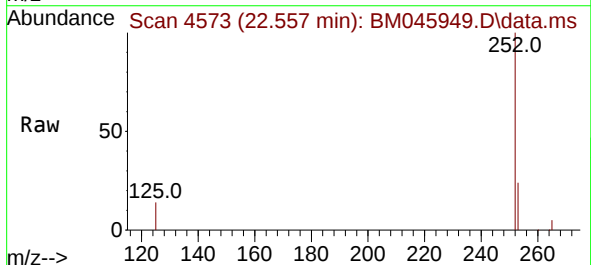
Tgt Ion:252 Resp: 30010
Ion Ratio Lower Upper
252 100
253 23.5 0.0 63.6
125 12.9 0.0 35.8

Manual Integrations
APPROVED

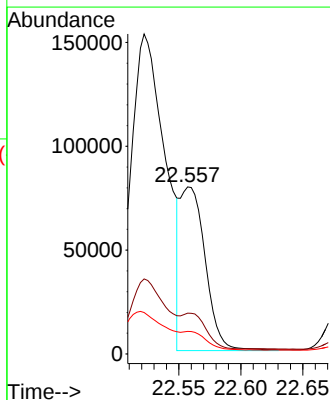
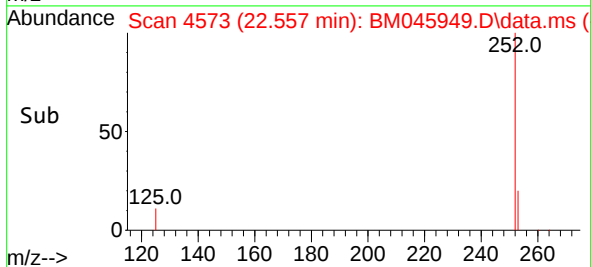
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

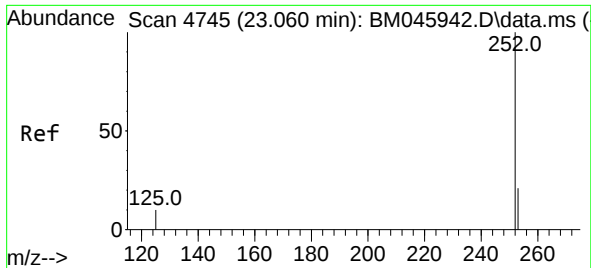


#25
Benzo(k)fluoranthene
Concen: 1.855 ng/ul m
RT: 22.557 min Scan# 4573
Delta R.T. -0.024 min
Lab File: BM045949.D
Acq: 10 Jun 2024 14:07



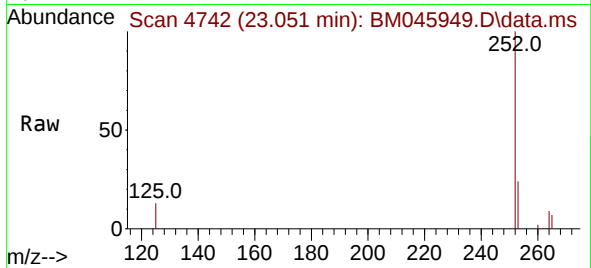
Tgt Ion:252 Resp: 111485
Ion Ratio Lower Upper
252 100
253 24.4 25.0 37.6#
125 13.6 14.2 21.2#





#26
Benzo(a)pyrene
Concen: 2.346 ng/ul
RT: 23.051 min Scan# 41
Delta R.T. -0.021 min
Lab File: BM045949.D
Acq: 10 Jun 2024 14:07

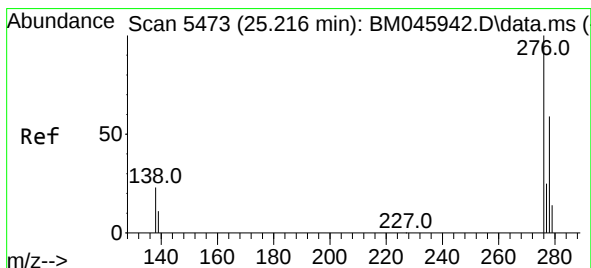
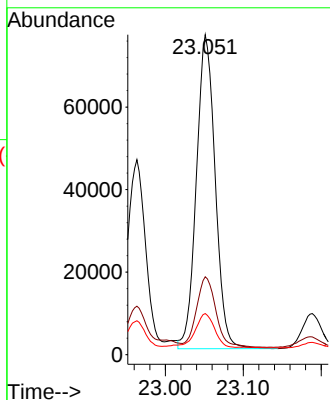
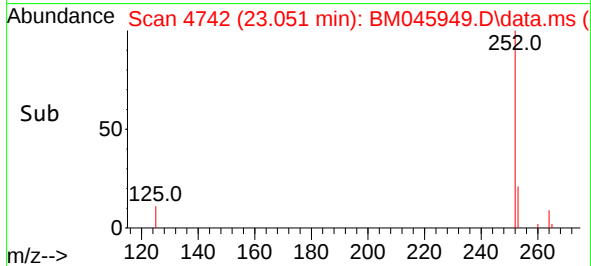
Instrument :
BNA_M
ClientSampleId :
A4B32



Tgt Ion:252 Resp: 127572
Ion Ratio Lower Upper
252 100
253 24.4 28.8 43.2
125 12.9 17.3 25.9

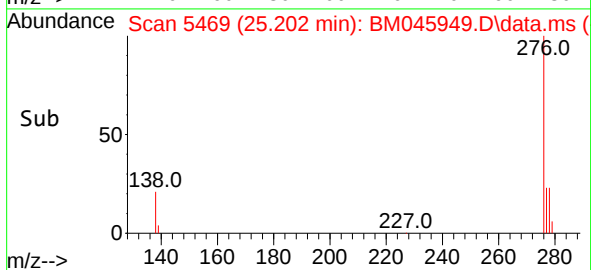
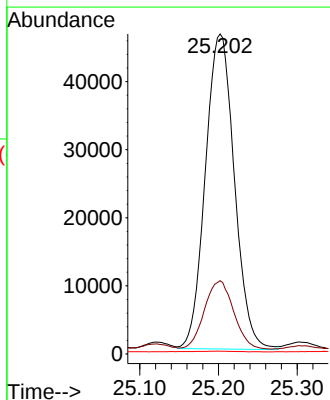
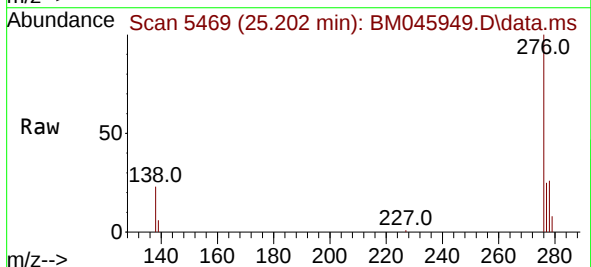
Manual Integrations
APPROVED

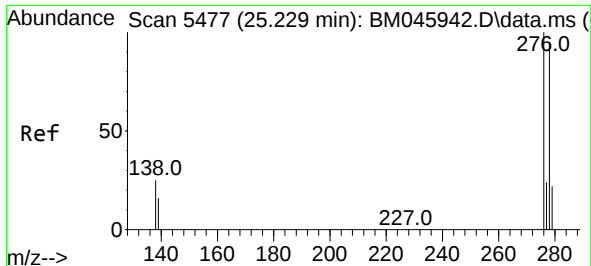
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.690 ng/ul
RT: 25.202 min Scan# 5469
Delta R.T. -0.030 min
Lab File: BM045949.D
Acq: 10 Jun 2024 14:07

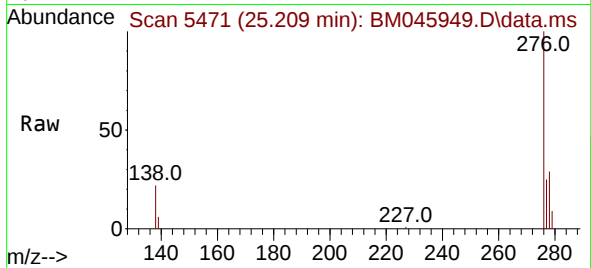
Tgt Ion:276 Resp: 118839
Ion Ratio Lower Upper
276 100
138 21.8 20.7 31.1
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.622 ng/ul
RT: 25.209 min Scan# 5477
Delta R.T. -0.040 min
Lab File: BM045949.D
Acq: 10 Jun 2024 14:07

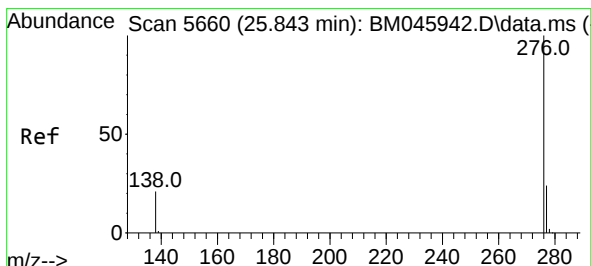
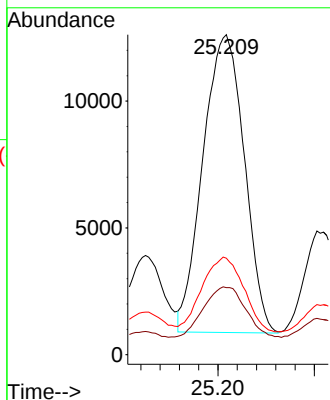
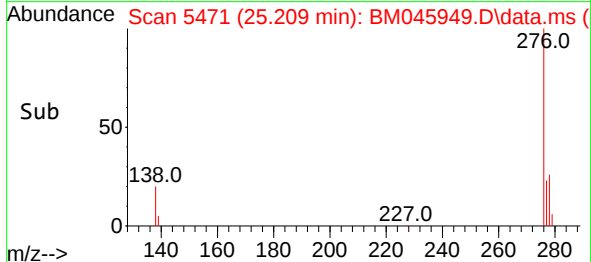
Instrument :
BNA_M
ClientSampleId :
A4B32



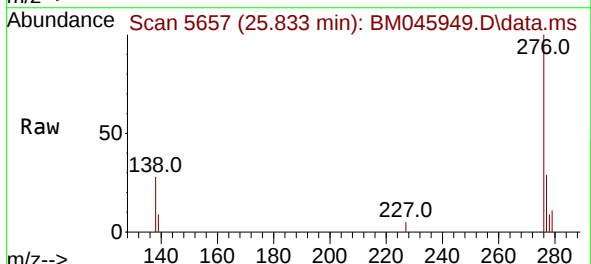
Tgt Ion:278 Resp: 34974
Ion Ratio Lower Upper
278 100
139 21.0 16.6 25.0
279 30.2 24.6 37.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#29
Benzo(g,h,i)perylene
Concen: 0.309 ng/ul
RT: 25.833 min Scan# 5657
Delta R.T. -0.030 min
Lab File: BM045949.D
Acq: 10 Jun 2024 14:07



Tgt Ion:276 Resp: 18727
Ion Ratio Lower Upper
276 100
138 28.3 21.0 31.4
277 29.2 20.5 30.7

