

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049114.D
 Acq On : 20 Dec 2024 23:25
 Operator : RC/JU
 Sample : P5265-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Z4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 20 23:57:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	7949	0.400	ng/ul	0.00
4) Naphthalene-d8	10.320	136	24293	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164	13693	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	29745	0.400	ng/ul	0.00
17) Chrysene-d12	21.146	240	25134	0.400	ng/ul	0.00
23) Perylene-d12	23.302	264	28013	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	33380	3.641	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	6223	0.191	ng/ul	0.00
18) Fluoranthene-d10	18.979	212	9989	0.140	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.370	128	6569	0.108	ng/ul#	94
7) 2-Methylnaphthalene	11.992	142	3317	0.086	ng/ul	99
8) 1-Methylnaphthalene	12.218	142	2532	0.064	ng/ul	96
10) Acenaphthylene	13.914	152	6365	0.112	ng/ul#	92
11) Acenaphthene	14.257	153	3042	0.073	ng/ul	97
12) Fluorene	15.251	166	2902	0.062	ng/ul#	97
15) Phenanthrene	16.985	178	84177	1.084	ng/ul	99
16) Anthracene	17.078	178	16980	0.238	ng/ul	98
19) Fluoranthene	19.011	202	225698	2.484	ng/ul	98
20) Pyrene	19.374	202	192056	1.982	ng/ul	99
21) Benzo(a)anthracene	21.128	228	101422	1.160	ng/ul	99
22) Chrysene	21.181	228	111939	1.193	ng/ul	98
24) Benzo(b)fluoranthene	22.662	252	150808m	1.685	ng/ul	
25) Benzo(k)fluoranthene	22.700	252	54916m	0.559	ng/ul	
26) Benzo(a)pyrene	23.209	252	97616m	1.137	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.443	276	78602	0.647	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.453	278	18158	0.192	ng/ul#	91
29) Benzo(g,h,i)perylene	26.094	276	83229	0.852	ng/ul	98

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

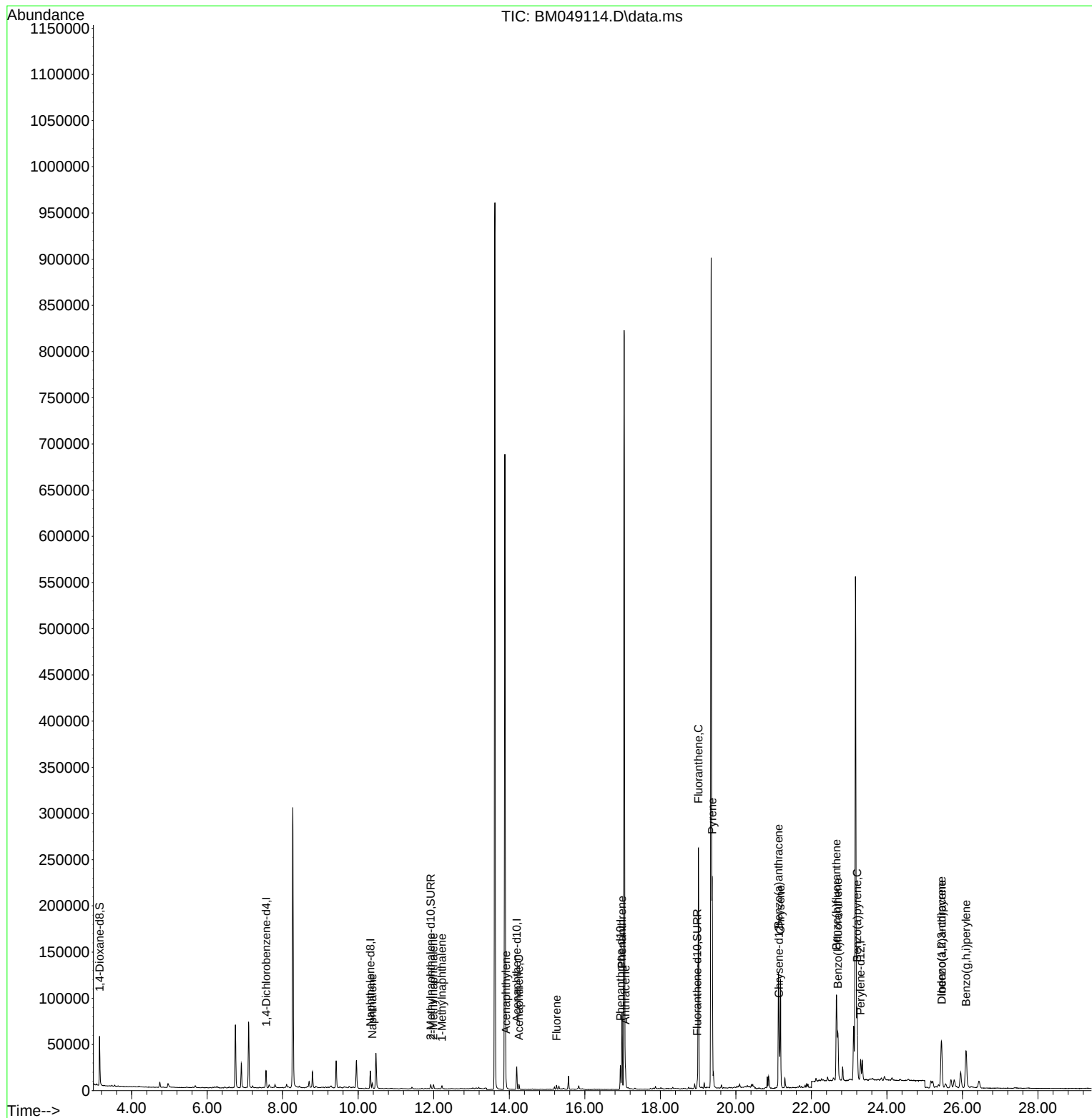
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049114.D
Acq On : 20 Dec 2024 23:25
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ALS Vial : 14 Sample Multiplier: 1

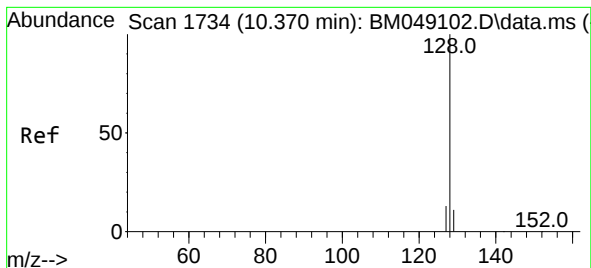
Instrument :
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ClientSampleId :
E28Z4

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Quant Time: Dec 20 23:57:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.108 ng/ul

RT: 10.370 min Scan# 1734

Delta R.T. -0.010 min

Lab File: BM049114.D

Acq: 20 Dec 2024 23:25

Instrument :

BNA_M

ClientSampleId :

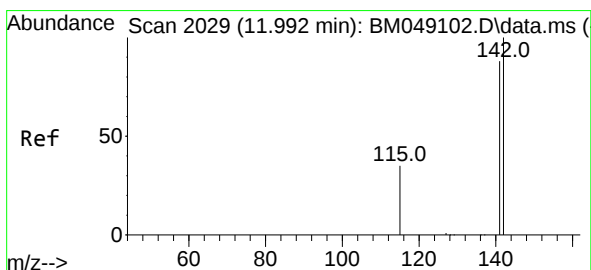
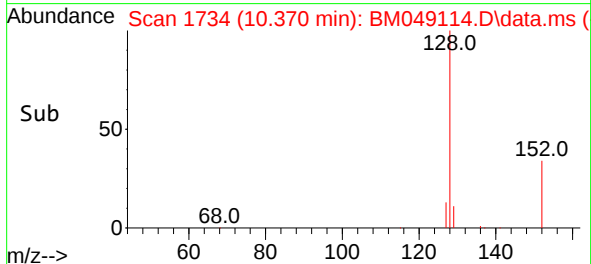
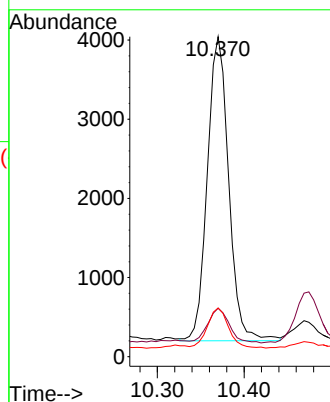
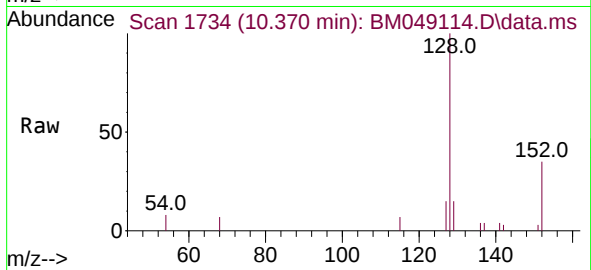
E28Z4

Tgt Ion:128	Resp:	6569
Ion Ratio	Lower	Upper
128	100	
129	15.1	9.7 14.5
127	15.2	10.6 16.0

Manual Integrations

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#7

2-Methylnaphthalene

Concen: 0.086 ng/ul

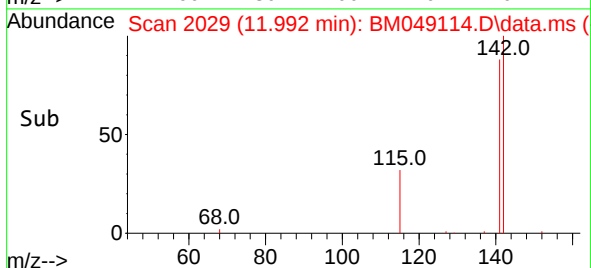
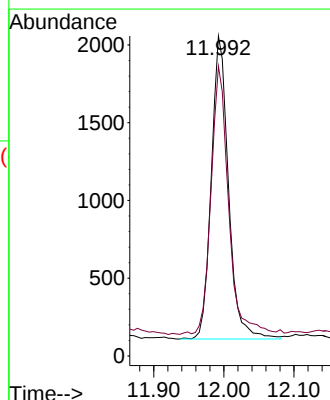
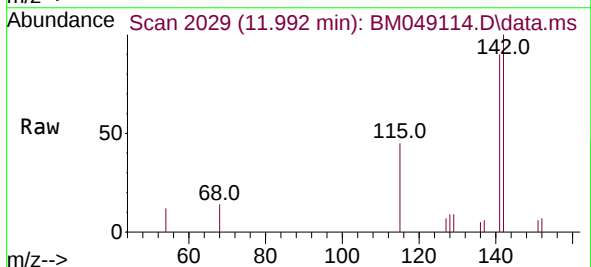
RT: 11.992 min Scan# 2029

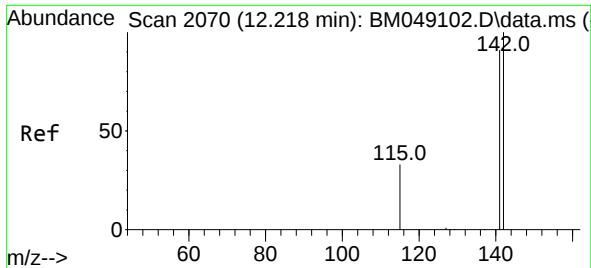
Delta R.T. -0.010 min

Lab File: BM049114.D

Acq: 20 Dec 2024 23:25

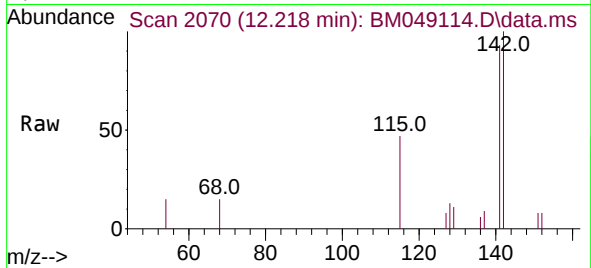
Tgt Ion:142	Resp:	3317
Ion Ratio	Lower	Upper
142	100	
141	90.6	71.7 107.5





#8
1-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 12.218 min Scan# 2070
Delta R.T. -0.004 min
Lab File: BM049114.D
Acq: 20 Dec 2024 23:25

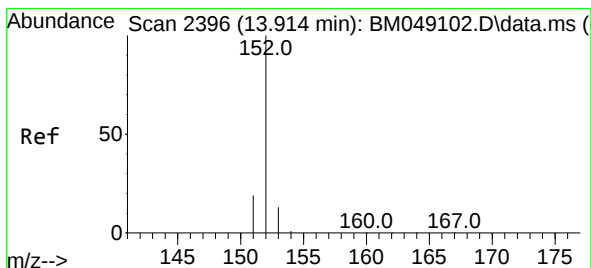
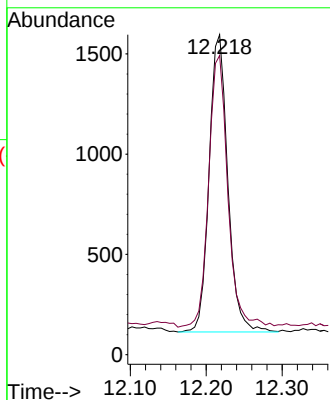
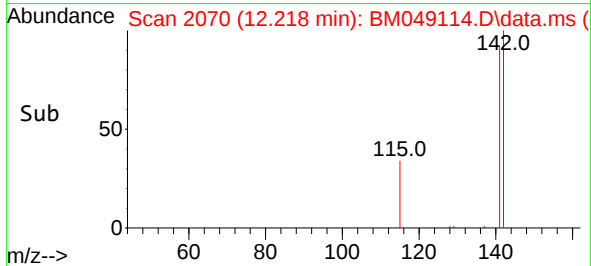
Instrument :
BNA_M
ClientSampleId :
E28Z4



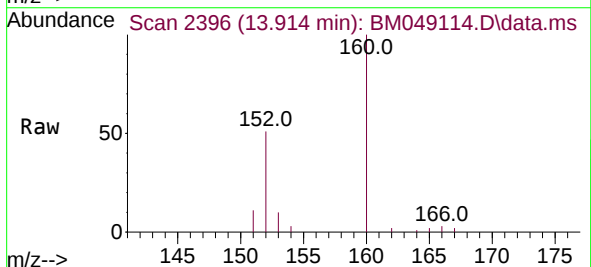
Tgt Ion:142 Resp: 253
Ion Ratio Lower Upper
142 100
141 94.5 72.7 109.1

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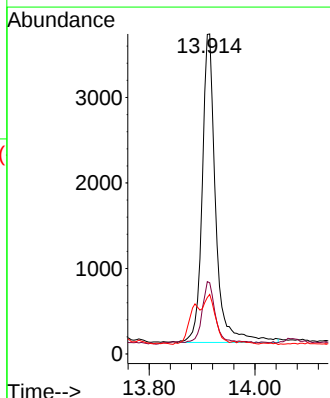
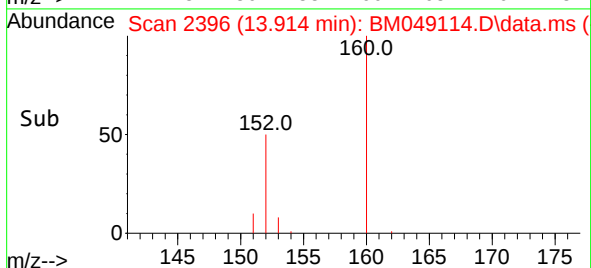
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

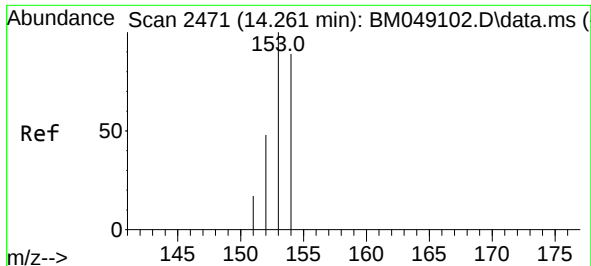


#10
Acenaphthylene
Concen: 0.112 ng/ul
RT: 13.914 min Scan# 2396
Delta R.T. -0.003 min
Lab File: BM049114.D
Acq: 20 Dec 2024 23:25



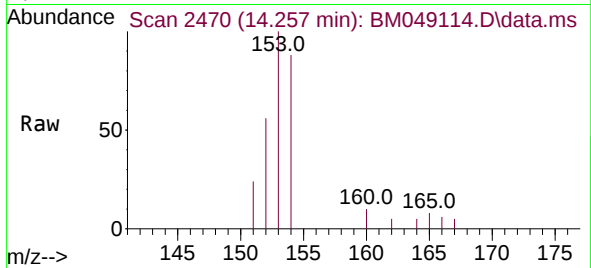
Tgt Ion:152 Resp: 6365
Ion Ratio Lower Upper
152 100
151 22.3 16.0 24.0
153 18.6 11.0 16.6#





#11
Acenaphthene
Concen: 0.073 ng/u1
RT: 14.257 min Scan# 2471
Delta R.T. -0.008 min
Lab File: BM049114.D
Acq: 20 Dec 2024 23:25

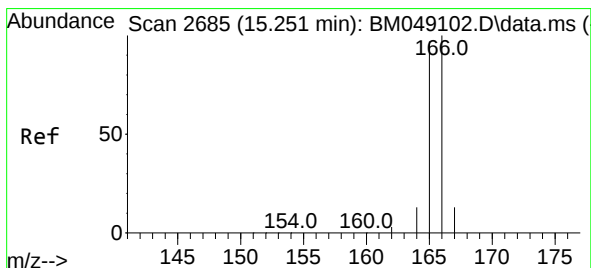
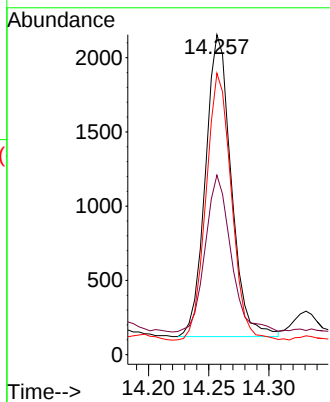
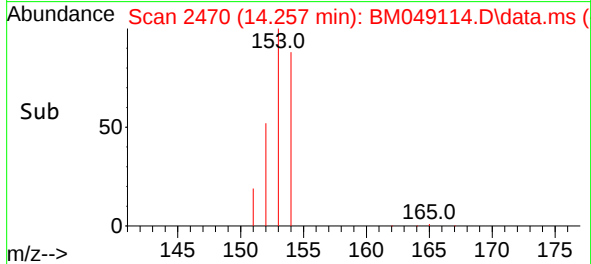
Instrument :
BNA_M
ClientSampleId :
E28Z4



Tgt Ion:153 Resp: 304
Ion Ratio Lower Upper
153 100
152 56.1 40.7 61.1
154 87.9 70.8 106.2

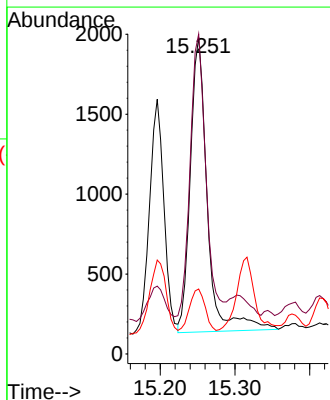
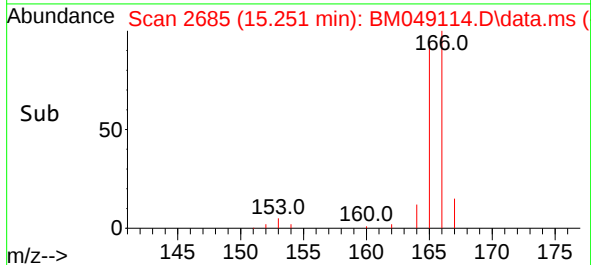
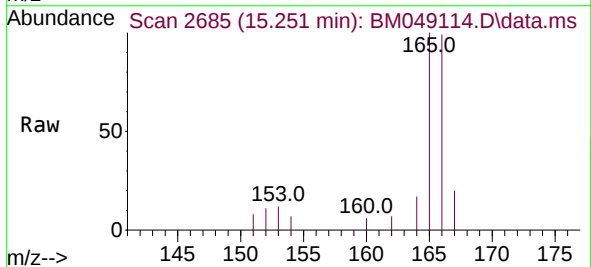
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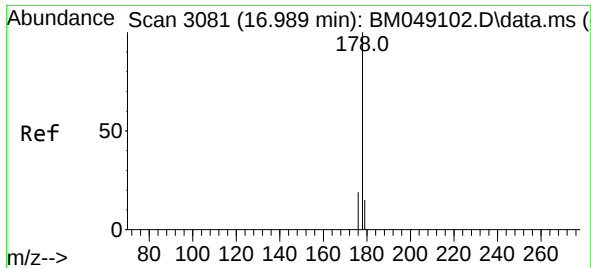
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#12
Fluorene
Concen: 0.062 ng/u1
RT: 15.251 min Scan# 2685
Delta R.T. -0.003 min
Lab File: BM049114.D
Acq: 20 Dec 2024 23:25

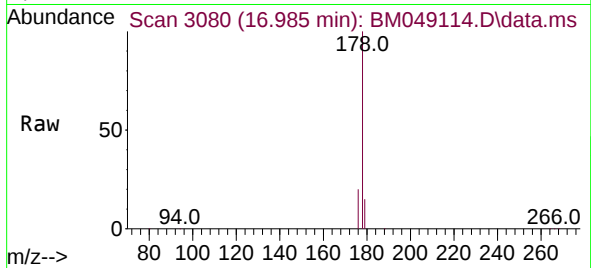
Tgt Ion:166 Resp: 2902
Ion Ratio Lower Upper
166 100
165 101.1 79.7 119.5
167 20.5 11.4 17.0#





#15
Phenanthrene
Concen: 1.084 ng/ul
RT: 16.985 min Scan# 3081
Delta R.T. -0.007 min
Lab File: BM049114.D
Acq: 20 Dec 2024 23:25

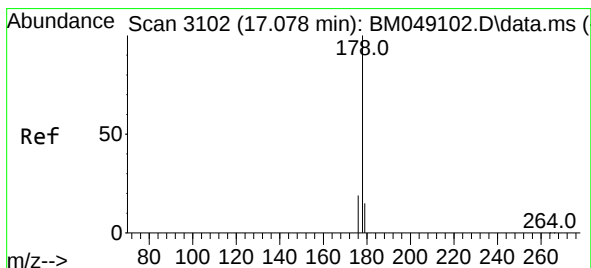
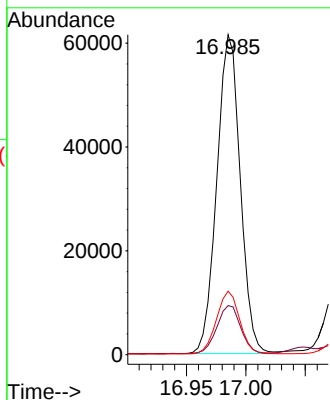
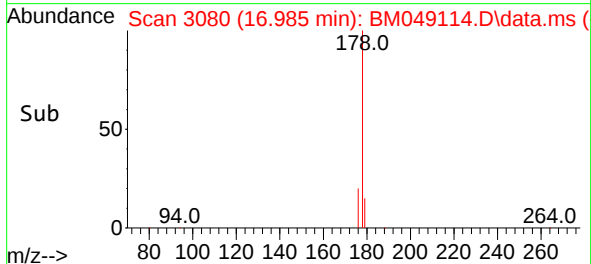
Instrument :
BNA_M
ClientSampleId :
E28Z4



Tgt Ion:178 Resp: 8417
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.4
176 19.8 16.2 24.2

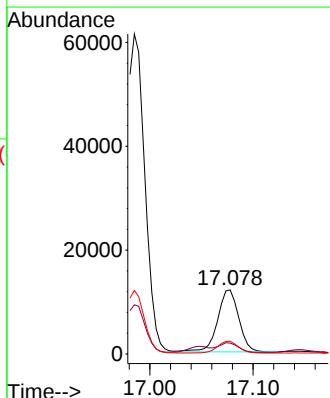
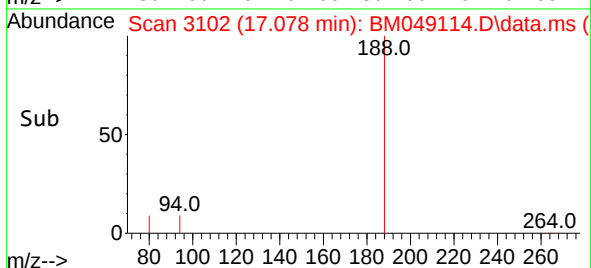
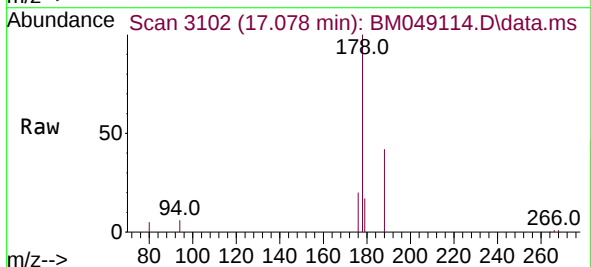
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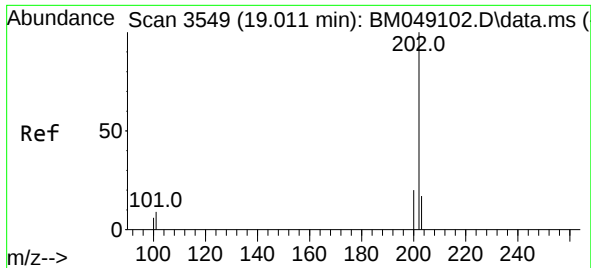
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#16
Anthracene
Concen: 0.238 ng/ul
RT: 17.078 min Scan# 3102
Delta R.T. -0.007 min
Lab File: BM049114.D
Acq: 20 Dec 2024 23:25

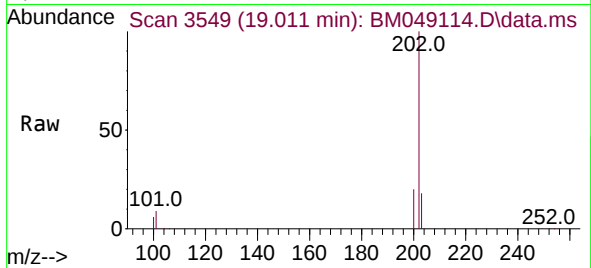
Tgt Ion:178 Resp: 16980
Ion Ratio Lower Upper
178 100
179 17.1 12.9 19.3
176 19.8 15.3 22.9





#19
Fluoranthene
Concen: 2.484 ng/ul
RT: 19.011 min Scan# 3549
Delta R.T. -0.003 min
Lab File: BM049114.D
Acq: 20 Dec 2024 23:25

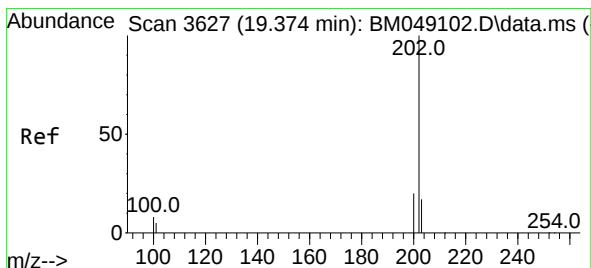
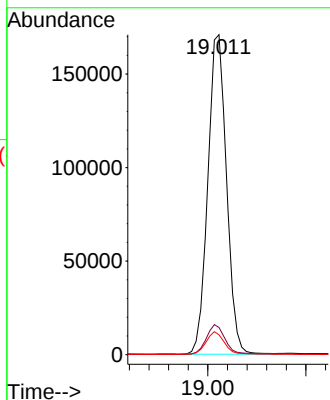
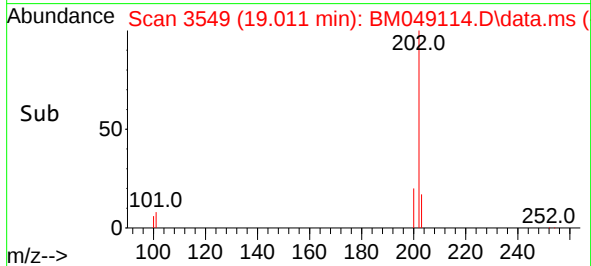
Instrument :
BNA_M
ClientSampleId :
E28Z4



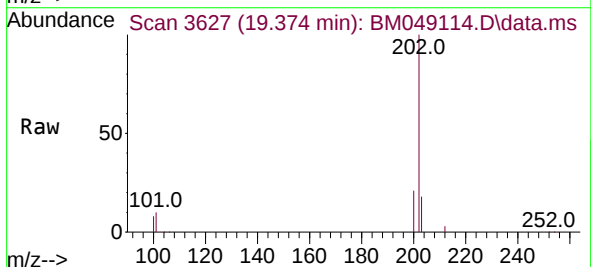
Tgt Ion:202 Resp: 225698
Ion Ratio Lower Upper
202 100
101 8.5 7.6 11.4
100 6.2 5.5 8.3

Manual Integrations
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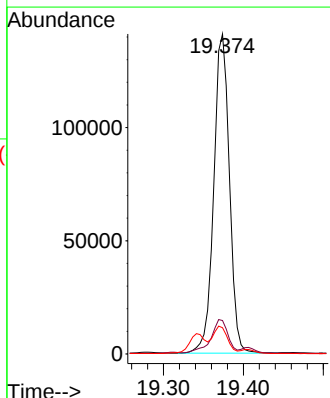
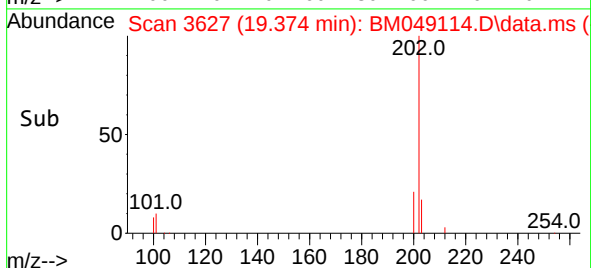
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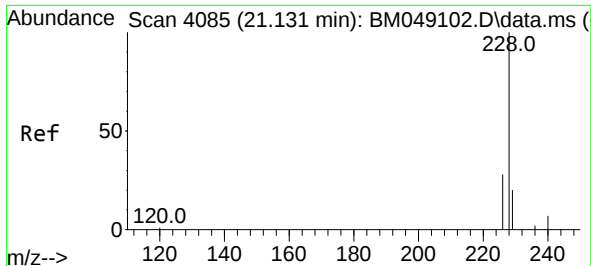


#20
Pyrene
Concen: 1.982 ng/ul
RT: 19.374 min Scan# 3627
Delta R.T. -0.003 min
Lab File: BM049114.D
Acq: 20 Dec 2024 23:25



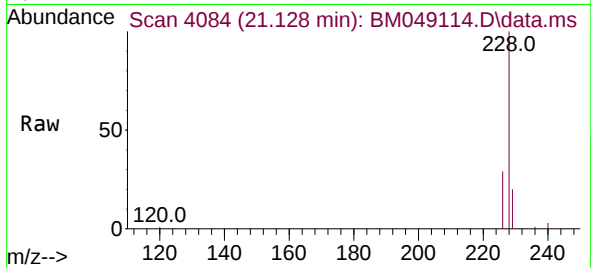
Tgt Ion:202 Resp: 192056
Ion Ratio Lower Upper
202 100
101 10.4 8.9 13.3
100 8.2 6.9 10.3





#21
Benzo(a)anthracene
Concen: 1.160 ng/ul
RT: 21.128 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM049114.D
Acq: 20 Dec 2024 23:25

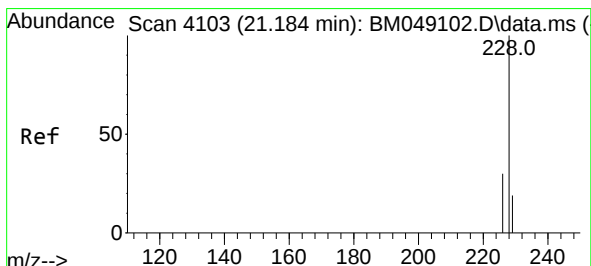
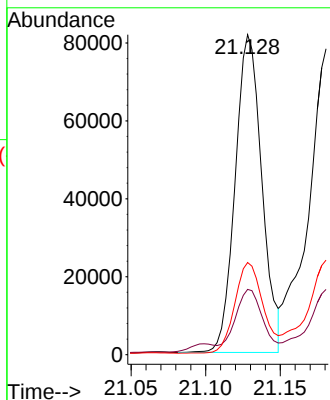
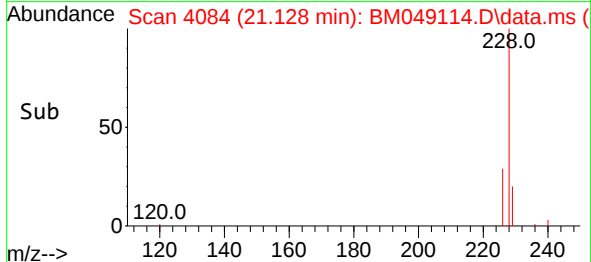
Instrument :
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E28Z4



Tgt Ion:228 Resp: 10142
Ion Ratio Lower Upper
228 100
229 20.4 15.9 23.9
226 28.8 22.6 34.0

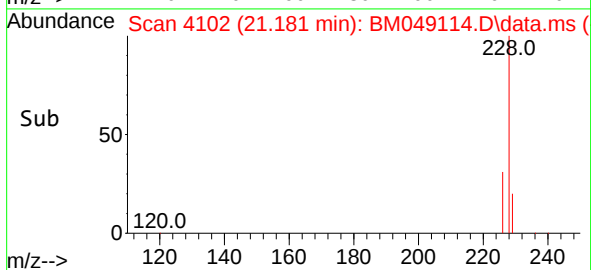
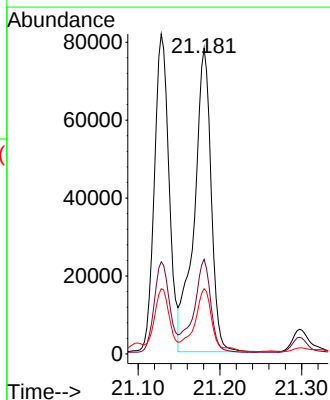
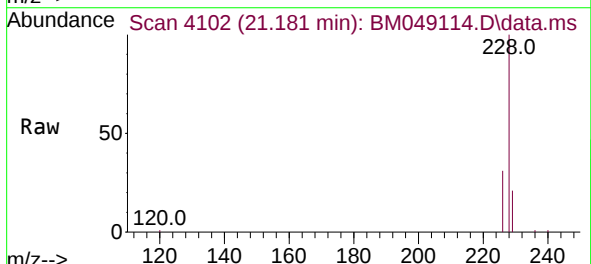
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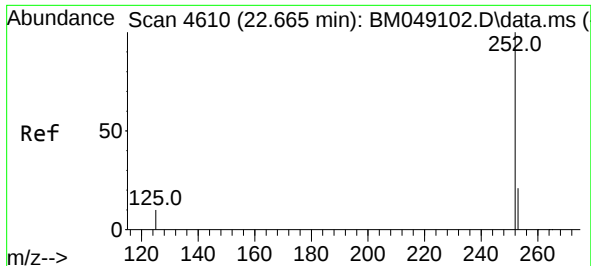
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#22
Chrysene
Concen: 1.193 ng/ul
RT: 21.181 min Scan# 4102
Delta R.T. -0.003 min
Lab File: BM049114.D
Acq: 20 Dec 2024 23:25

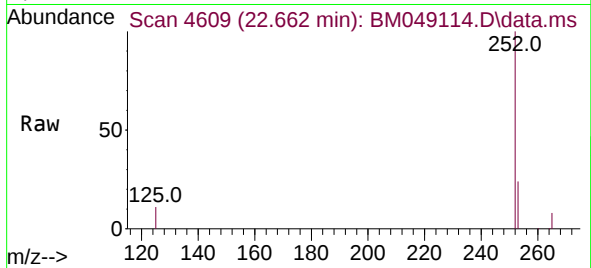
Tgt Ion:228 Resp: 111939
Ion Ratio Lower Upper
228 100
226 30.9 24.1 36.1
229 21.3 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 1.685 ng/ul m
RT: 22.662 min Scan# 4609
Delta R.T. -0.001 min
Lab File: BM049114.D
Acq: 20 Dec 2024 23:25

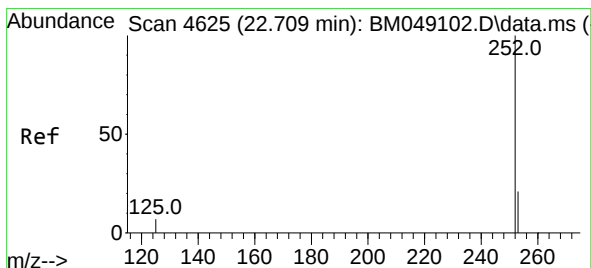
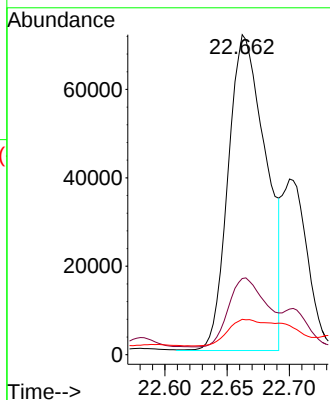
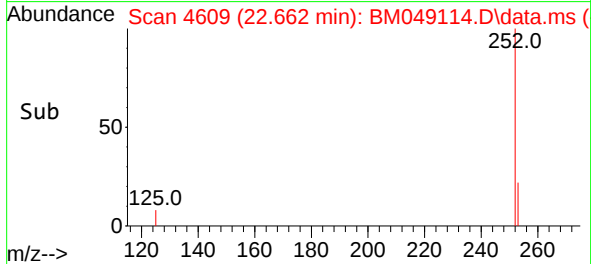
Instrument :
BNA_M
ClientSampleId :
E28Z4



Tgt Ion:252 Resp: 150808
Ion Ratio Lower Upper
252 100
253 23.8 0.0 52.6
125 11.1 0.0 30.8

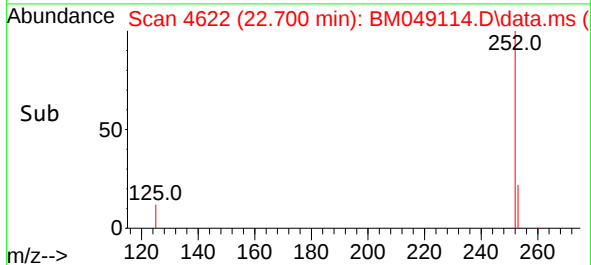
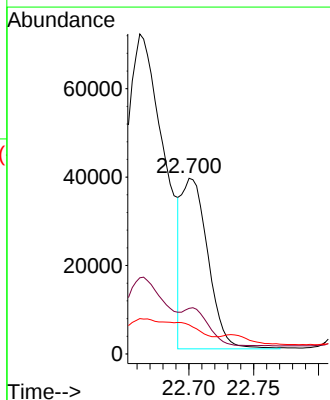
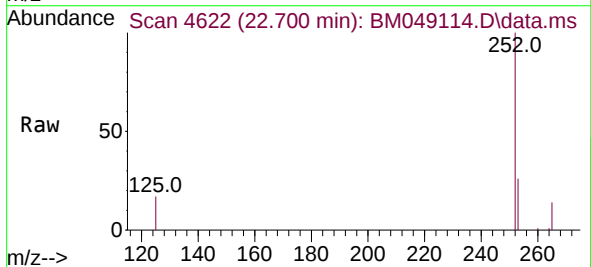
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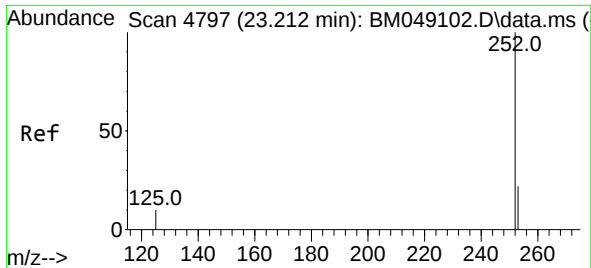
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#25
Benzo(k)fluoranthene
Concen: 0.559 ng/ul m
RT: 22.700 min Scan# 4622
Delta R.T. -0.006 min
Lab File: BM049114.D
Acq: 20 Dec 2024 23:25

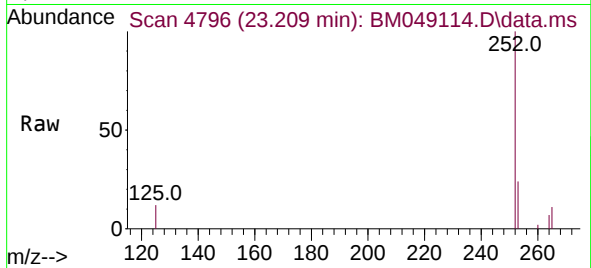
Tgt Ion:252 Resp: 54916
Ion Ratio Lower Upper
252 100
253 26.0 21.3 31.9
125 16.6 12.6 18.8





#26
Benzo(a)pyrene
Concen: 1.137 ng/ul m
RT: 23.209 min Scan# 4796
Delta R.T. -0.000 min
Lab File: BM049114.D
Acq: 20 Dec 2024 23:25

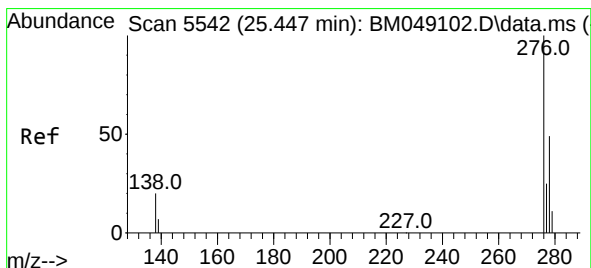
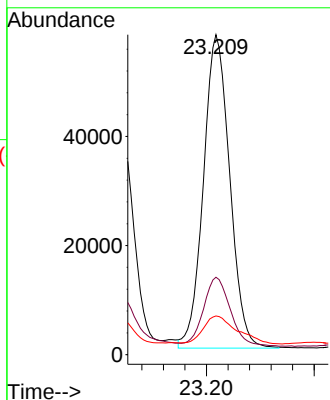
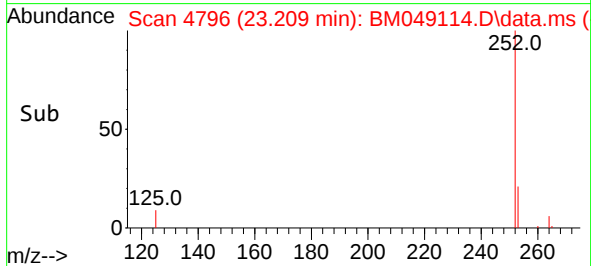
Instrument :
BNA_M
ClientSampleId :
E28Z4



Tgt Ion:252 Resp: 97610
Ion Ratio Lower Upper
252 100
253 24.2 22.4 33.6
125 12.1 14.8 22.2

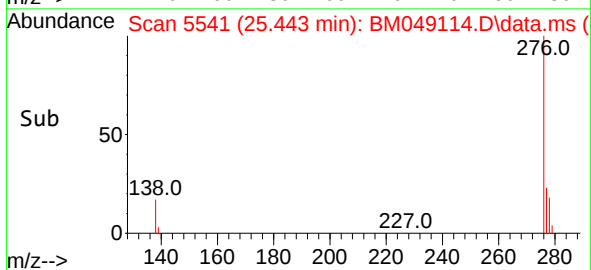
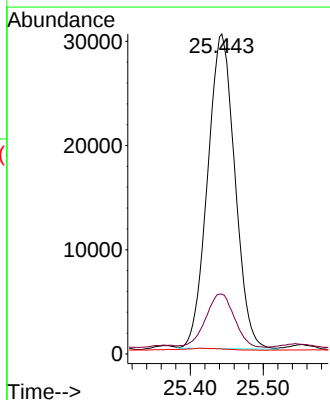
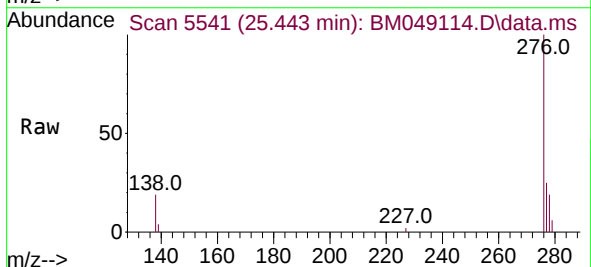
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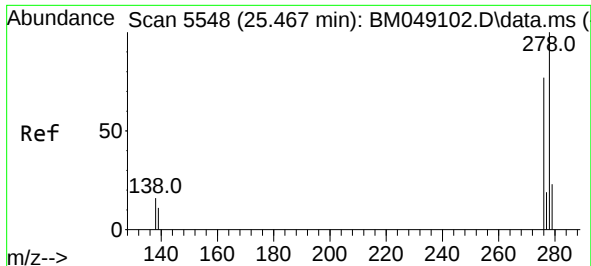
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.647 ng/ul
RT: 25.443 min Scan# 5541
Delta R.T. -0.004 min
Lab File: BM049114.D
Acq: 20 Dec 2024 23:25

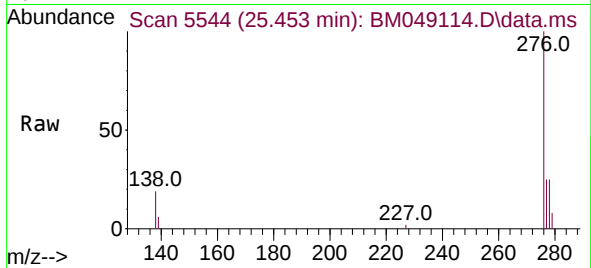
Tgt Ion:276 Resp: 78602
Ion Ratio Lower Upper
276 100
138 18.0 17.4 26.2
227 0.0 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.192 ng/ul
RT: 25.453 min Scan# 51
Delta R.T. -0.014 min
Lab File: BM049114.D
Acq: 20 Dec 2024 23:25

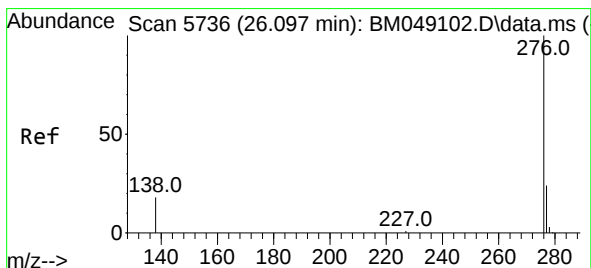
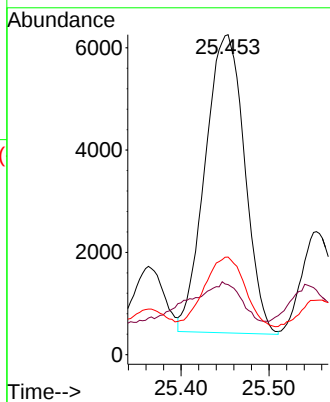
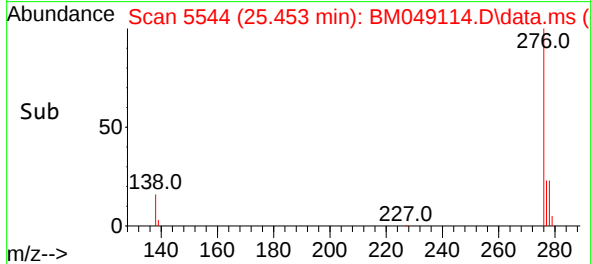
Instrument :
BNA_M
ClientSampleId :
E28Z4



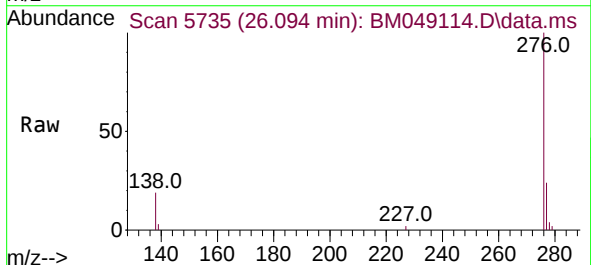
Tgt Ion:278 Resp: 1815
Ion Ratio Lower Upper
278 100
139 21.9 13.5 20.3
279 30.5 21.5 32.3

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APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.852 ng/ul
RT: 26.094 min Scan# 5735
Delta R.T. -0.001 min
Lab File: BM049114.D
Acq: 20 Dec 2024 23:25



Tgt Ion:276 Resp: 83229
Ion Ratio Lower Upper
276 100
138 19.4 16.7 25.1
277 24.2 19.9 29.9

