

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049125.D
 Acq On : 21 Dec 2024 06:39
 Operator : RC/JU
 Sample : P5265-11DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Z6DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 22 23:06:07 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	10831	0.400	ng/ul	0.00
4) Naphthalene-d8	10.319	136	34611	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.195	164	20127	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.942	188	42506	0.400	ng/ul	0.00
17) Chrysene-d12	21.143	240	32939	0.400	ng/ul	0.00
23) Perylene-d12	23.300	264	36025	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	7595	0.608	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	1664	0.036	ng/ul	0.00
18) Fluoranthene-d10	18.978	212	2817	0.030	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.369	128	13867	0.160	ng/ul	98
7) 2-Methylnaphthalene	11.997	142	3691	0.067	ng/ul	100
8) 1-Methylnaphthalene	12.217	142	3022	0.054	ng/ul	99
10) Acenaphthylene	13.913	152	5740	0.069	ng/ul#	91
11) Acenaphthene	14.256	153	38905	0.639	ng/ul	100
12) Fluorene	15.250	166	30154	0.439	ng/ul	98
15) Phenanthrene	16.984	178	541184	4.875	ng/ul	98
16) Anthracene	17.072	178	124633	1.223	ng/ul	100
19) Fluoranthene	19.005	202	956991	8.036	ng/ul	100
20) Pyrene	19.373	202	657402	5.176	ng/ul	98
21) Benzo(a)anthracene	21.126	228	405667	3.541	ng/ul	99
22) Chrysene	21.178	228	352019	2.863	ng/ul	98
24) Benzo(b)fluoranthene	22.660	252	454966m	3.953	ng/ul	
25) Benzo(k)fluoranthene	22.698	252	169821m	1.345	ng/ul	
26) Benzo(a)pyrene	23.206	252	193104m	1.750	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.437	276	162088	1.038	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.444	278	50526	0.416	ng/ul	98
29) Benzo(g,h,i)perylene	26.091	276	22668	0.180	ng/ul	93

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

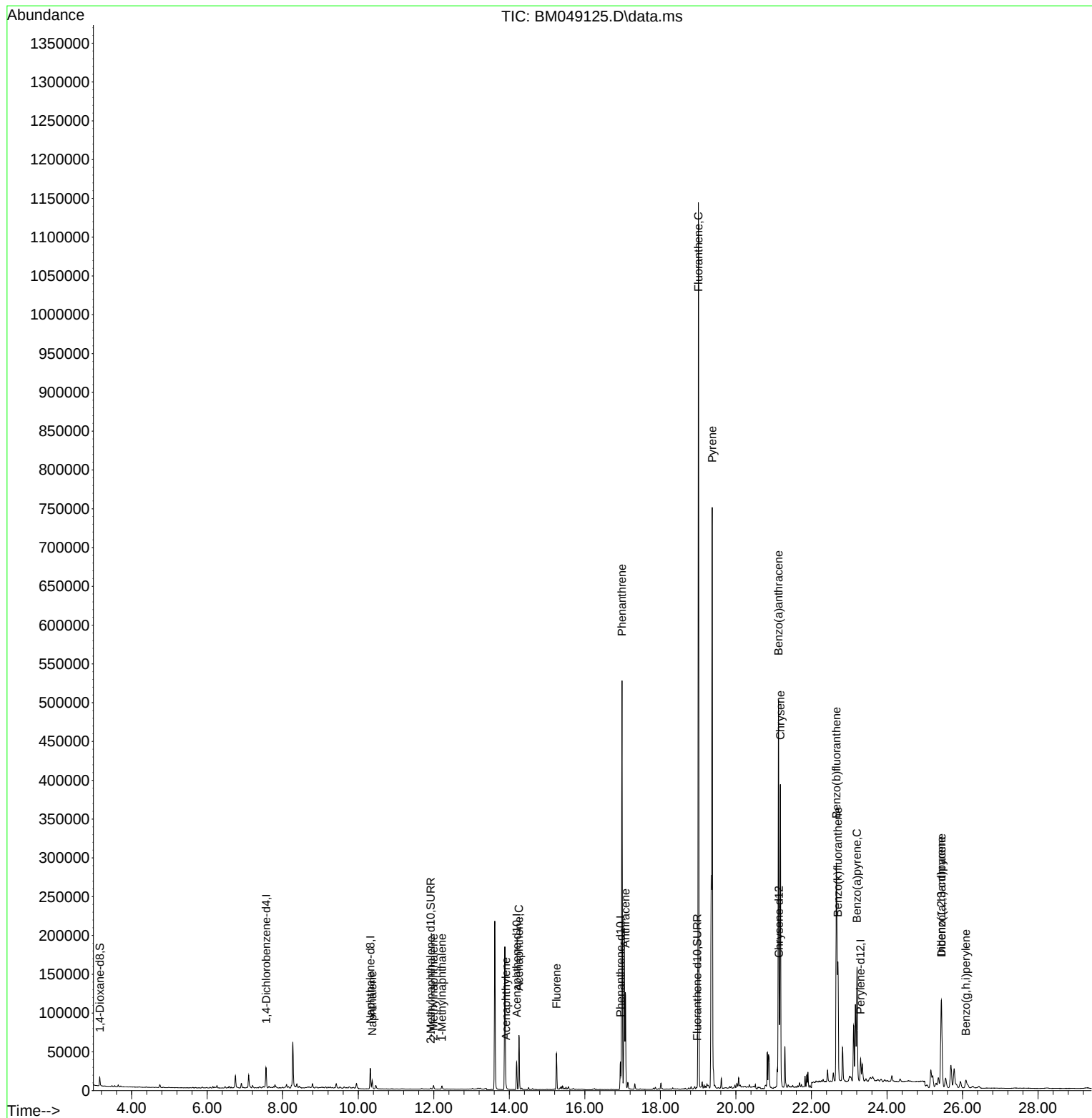
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049125.D
Acq On : 21 Dec 2024 06:39
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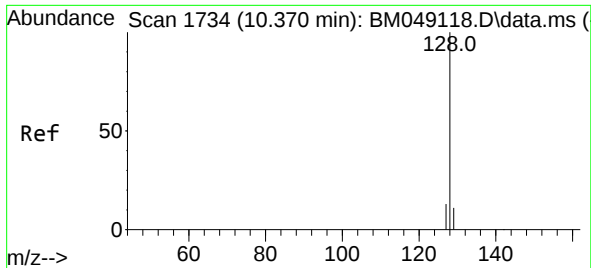
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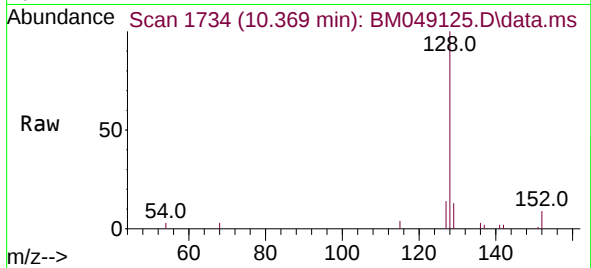
Quant Time: Dec 22 23:06:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.160 ng/ul
RT: 10.369 min Scan# 1734
Delta R.T. -0.011 min
Lab File: BM049125.D
Acq: 21 Dec 2024 06:39

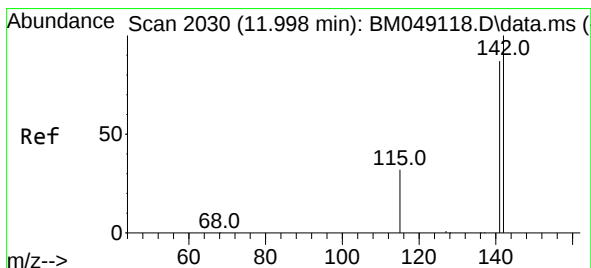
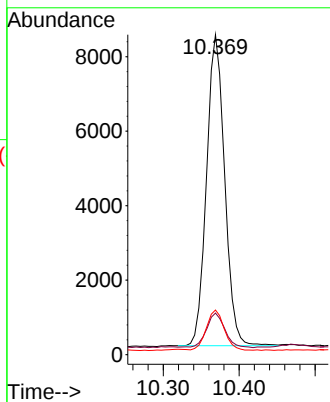
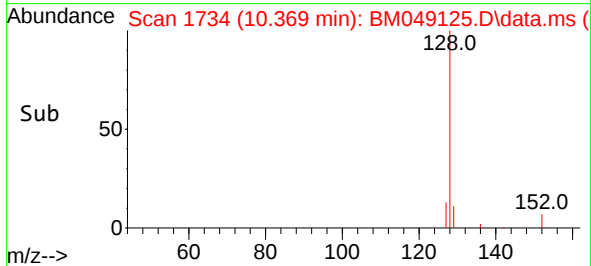
Instrument :
BNA_M
ClientSampleId :
E28Z6DL



Tgt Ion:128 Resp: 1386
Ion Ratio Lower Upper
128 100
129 13.0 9.7 14.5
127 13.9 10.6 16.0

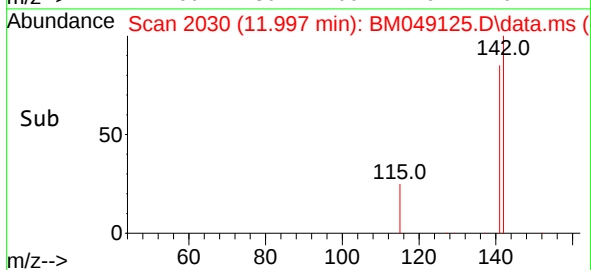
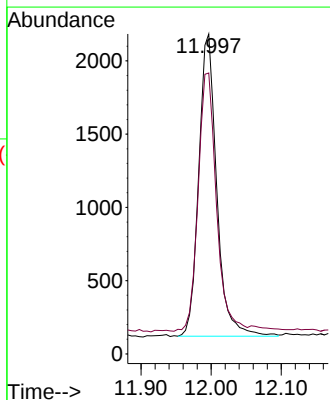
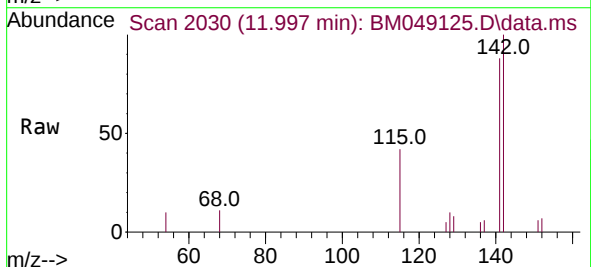
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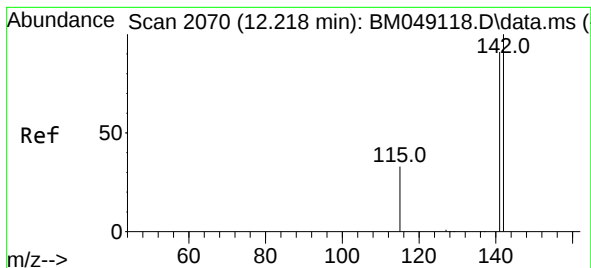
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#7
2-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 11.997 min Scan# 2030
Delta R.T. -0.005 min
Lab File: BM049125.D
Acq: 21 Dec 2024 06:39

Tgt Ion:142 Resp: 3691
Ion Ratio Lower Upper
142 100
141 89.1 71.7 107.5





#8

1-Methylnaphthalene

Concen: 0.054 ng/ul

RT: 12.217 min Scan# 2070

Delta R.T. -0.005 min

Lab File: BM049125.D

Acq: 21 Dec 2024 06:39

Instrument :

BNA_M

ClientSampleId :

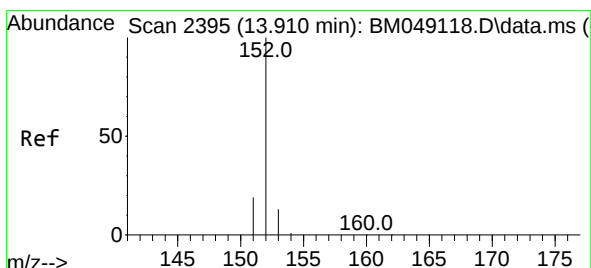
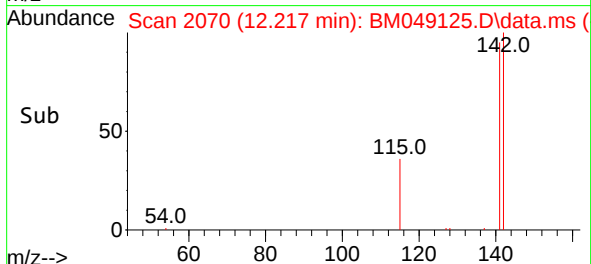
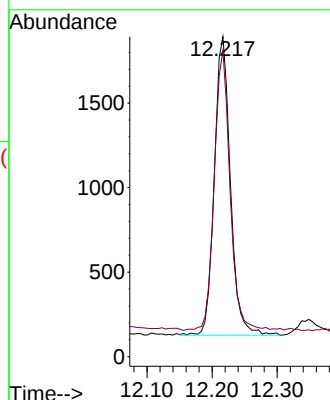
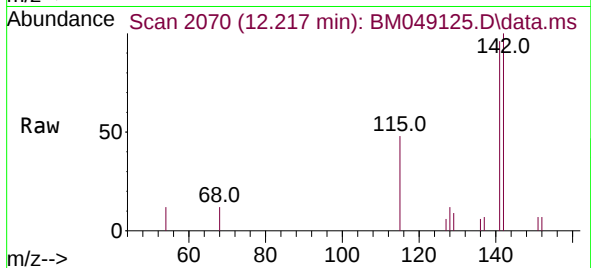
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Tgt Ion:142 Resp: 302
 Ion Ratio Lower Upper
 142 100
 141 92.1 72.7 109.1

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 Supervised By :mohammad ahmed 12/24/2024



#10

Acenaphthylene

Concen: 0.069 ng/ul

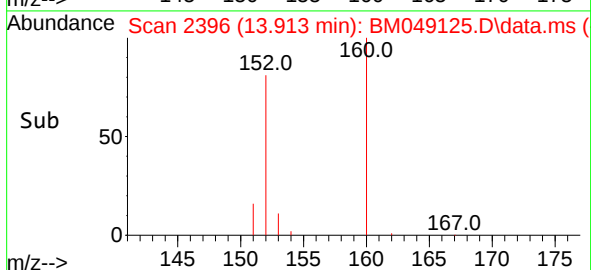
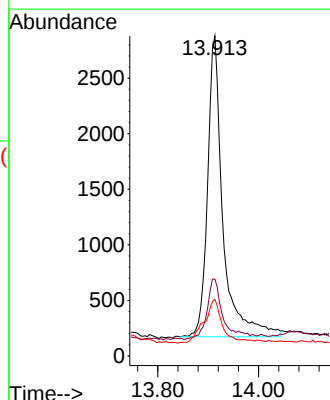
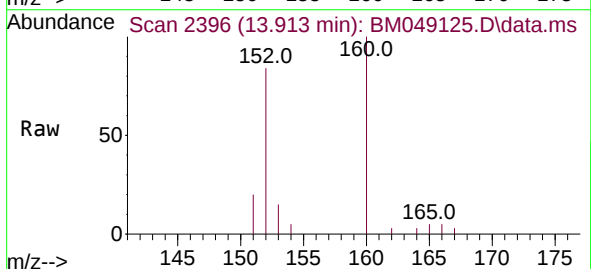
RT: 13.913 min Scan# 2396

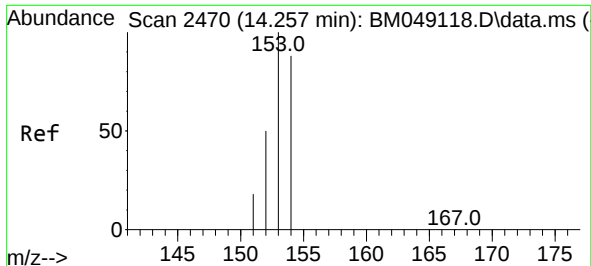
Delta R.T. -0.005 min

Lab File: BM049125.D

Acq: 21 Dec 2024 06:39

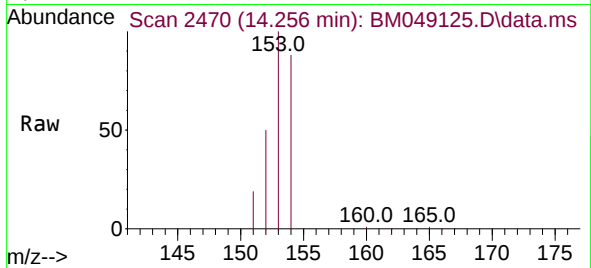
Tgt Ion:152 Resp: 5740
 Ion Ratio Lower Upper
 152 100
 151 24.0 16.0 24.0#
 153 17.6 11.0 16.6#





#11
Acenaphthene
Concen: 0.639 ng/ul
RT: 14.256 min Scan# 2470
Delta R.T. -0.009 min
Lab File: BM049125.D
Acq: 21 Dec 2024 06:39

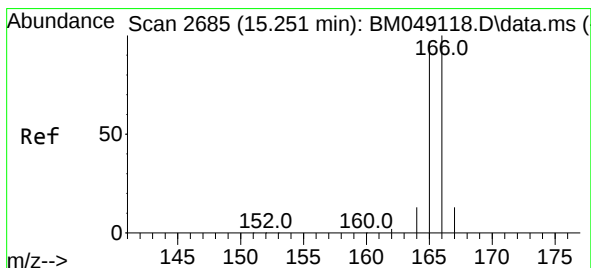
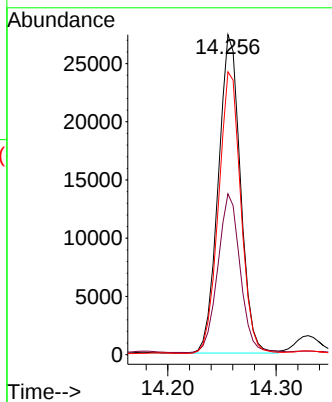
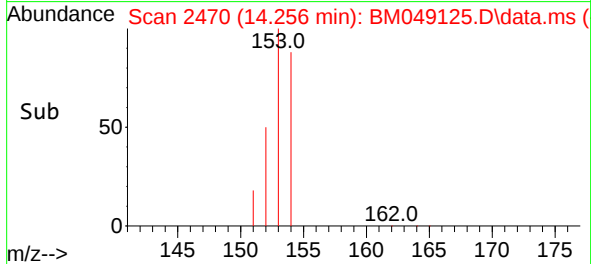
Instrument :
BNA_M
ClientSampleId :
E28Z6DL



Tgt Ion:153 Resp: 3890
Ion Ratio Lower Upper
153 100
152 50.3 40.7 61.1
154 88.4 70.8 106.2

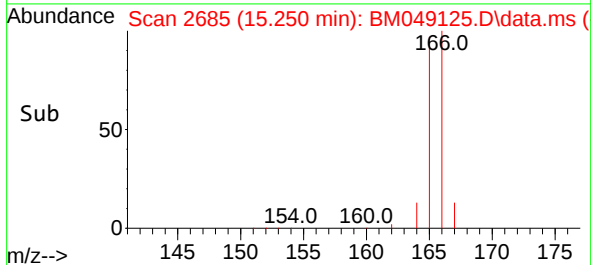
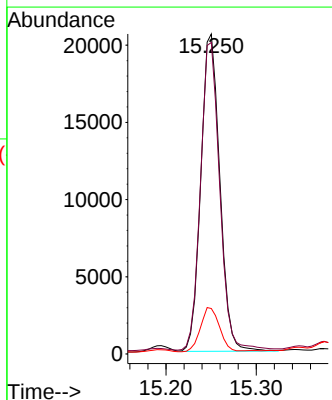
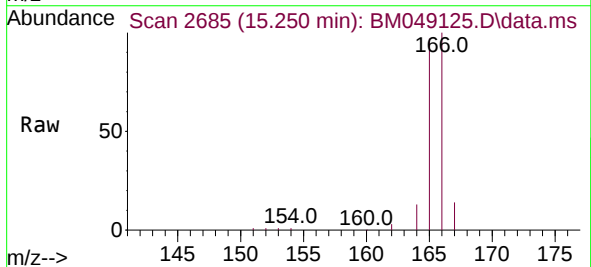
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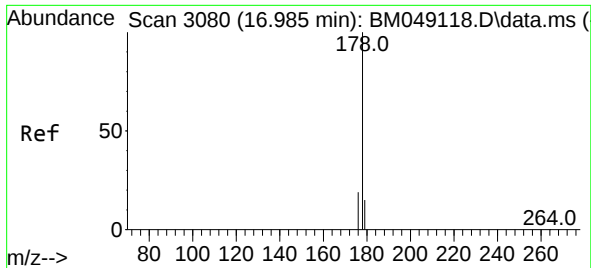
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#12
Fluorene
Concen: 0.439 ng/ul
RT: 15.250 min Scan# 2685
Delta R.T. -0.005 min
Lab File: BM049125.D
Acq: 21 Dec 2024 06:39

Tgt Ion:166 Resp: 30154
Ion Ratio Lower Upper
166 100
165 97.3 79.7 119.5
167 14.2 11.4 17.0





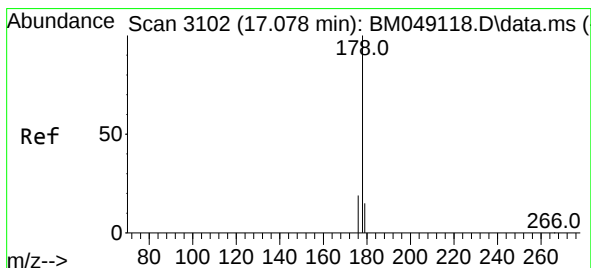
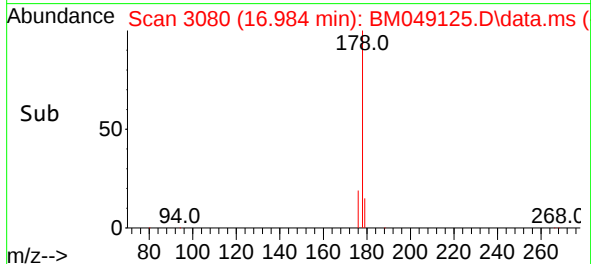
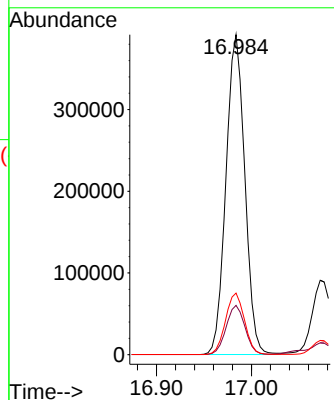
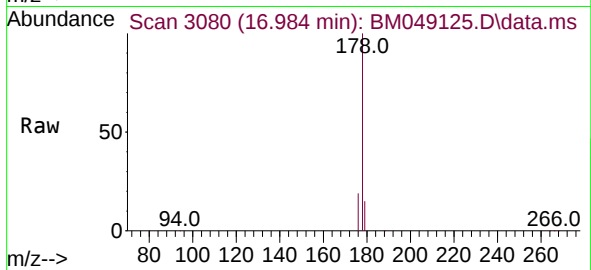
#15
Phenanthrene
Concen: 4.875 ng/u1
RT: 16.984 min Scan# 3080
Delta R.T. -0.008 min
Lab File: BM049125.D
Acq: 21 Dec 2024 06:39

Instrument :
BNA_M
ClientSampleId :
E28Z6DL

Tgt Ion:178 Resp: 541184
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.3 16.2 24.2

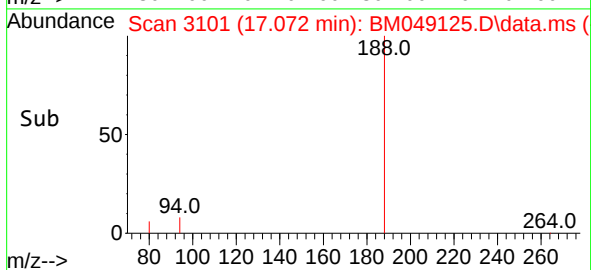
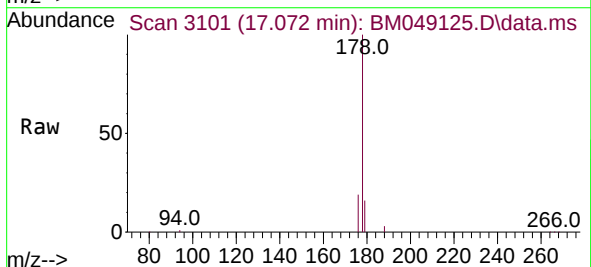
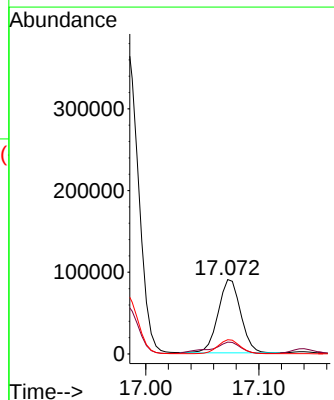
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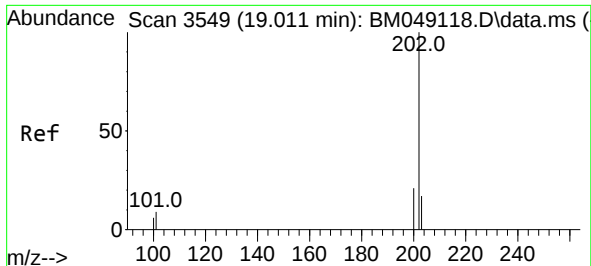
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#16
Anthracene
Concen: 1.223 ng/u1
RT: 17.072 min Scan# 3101
Delta R.T. -0.013 min
Lab File: BM049125.D
Acq: 21 Dec 2024 06:39

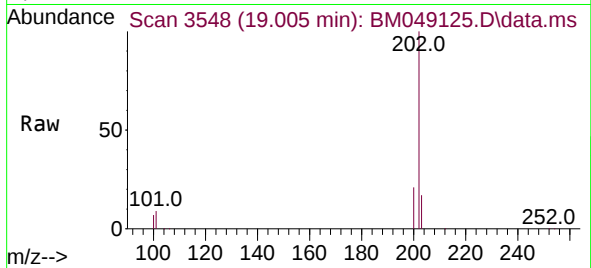
Tgt Ion:178 Resp: 124633
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 19.1 15.3 22.9





#19
Fluoranthene
Concen: 8.036 ng/ul
RT: 19.005 min Scan# 3549
Delta R.T. -0.009 min
Lab File: BM049125.D
Acq: 21 Dec 2024 06:39

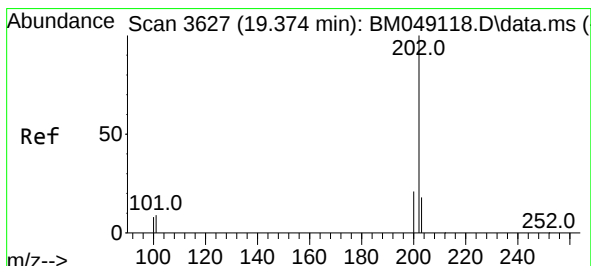
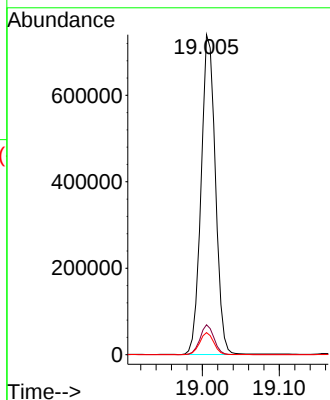
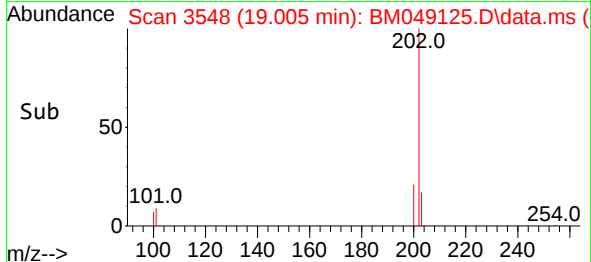
Instrument :
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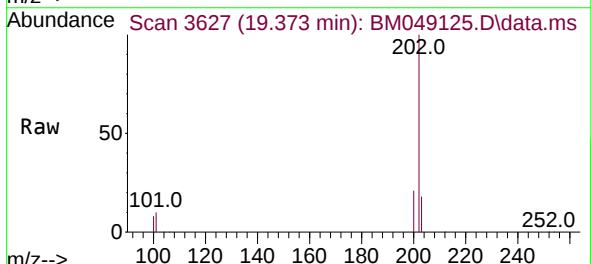
Tgt Ion:202 Resp: 95699
Ion Ratio Lower Upper
202 100
101 9.3 7.6 11.4
100 6.9 5.5 8.3

Manual Integrations
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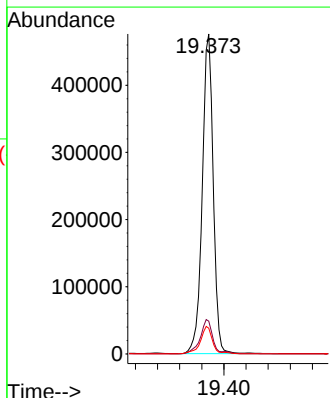
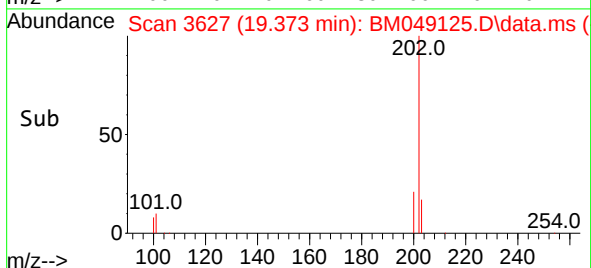
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Supervised By :mohammad ahmed 12/24/2024

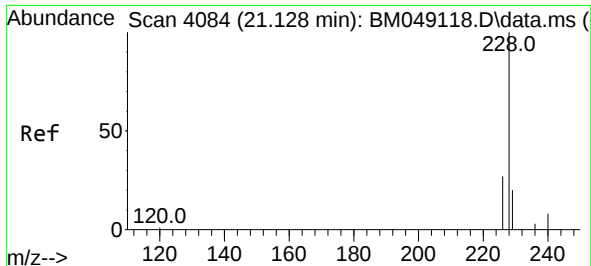


#20
Pyrene
Concen: 5.176 ng/ul
RT: 19.373 min Scan# 3627
Delta R.T. -0.005 min
Lab File: BM049125.D
Acq: 21 Dec 2024 06:39



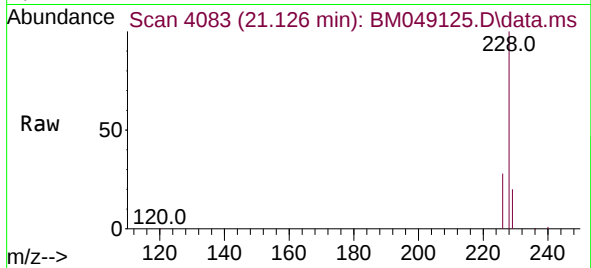
Tgt Ion:202 Resp: 657402
Ion Ratio Lower Upper
202 100
101 10.3 8.9 13.3
100 8.0 6.9 10.3





#21
Benzo(a)anthracene
Concen: 3.541 ng/ul
RT: 21.126 min Scan# 4083
Delta R.T. -0.006 min
Lab File: BM049125.D
Acq: 21 Dec 2024 06:39

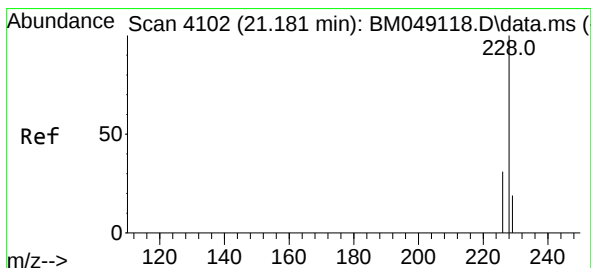
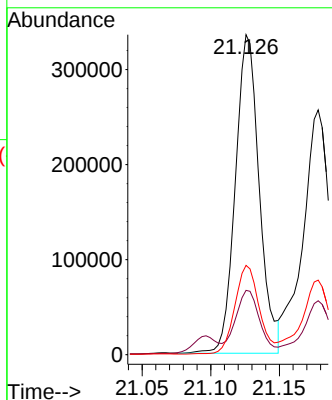
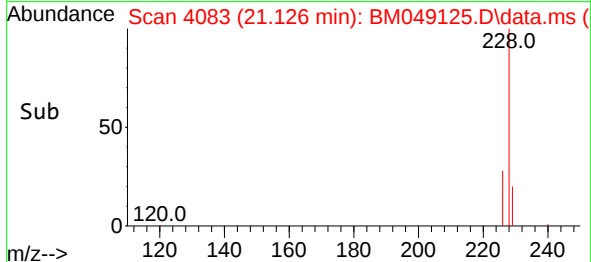
Instrument :
BNA_M
ClientSampleId :
E28Z6DL



Tgt Ion:228 Resp: 40566
Ion Ratio Lower Upper
228 100
229 20.1 15.9 23.9
226 27.9 22.6 34.0

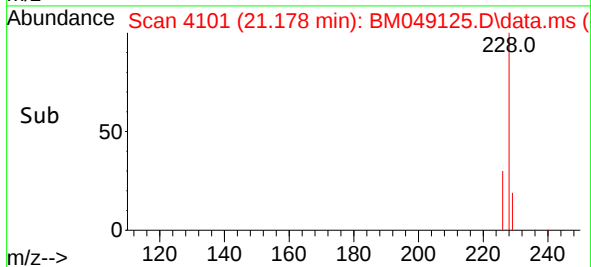
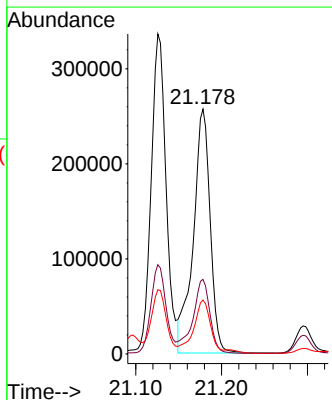
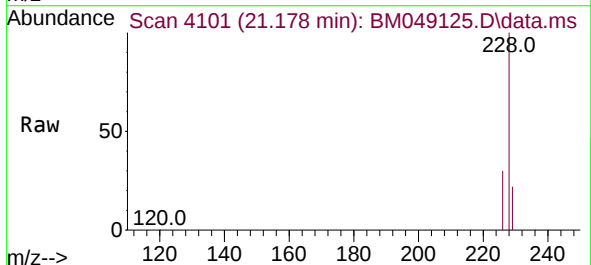
Manual Integrations
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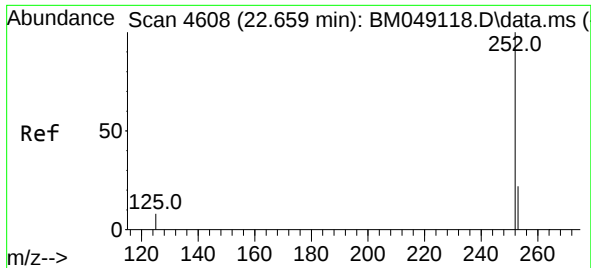
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#22
Chrysene
Concen: 2.863 ng/ul
RT: 21.178 min Scan# 4101
Delta R.T. -0.006 min
Lab File: BM049125.D
Acq: 21 Dec 2024 06:39

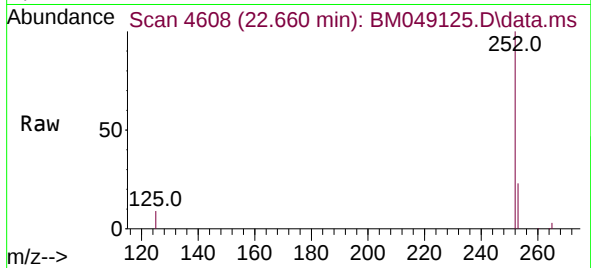
Tgt Ion:228 Resp: 352019
Ion Ratio Lower Upper
228 100
226 30.5 24.1 36.1
229 22.0 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 3.953 ng/ul m
RT: 22.660 min Scan# 4608
Delta R.T. -0.003 min
Lab File: BM049125.D
Acq: 21 Dec 2024 06:39

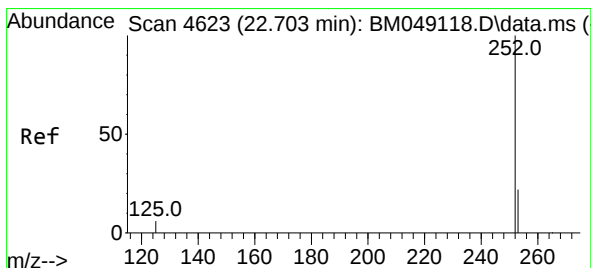
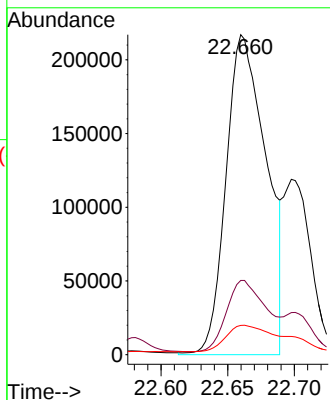
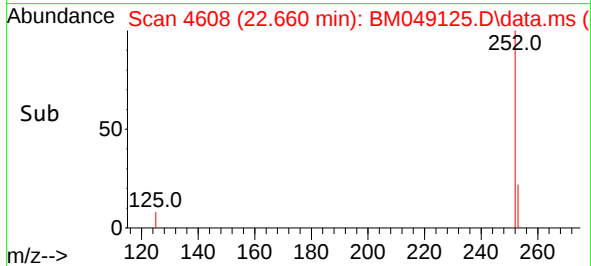
Instrument :
BNA_M
ClientSampleId :
E28Z6DL



Tgt Ion:252 Resp: 454960
Ion Ratio Lower Upper
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253 23.2 0.0 52.6
125 9.1 0.0 30.8

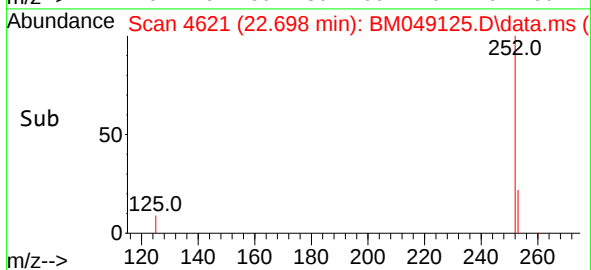
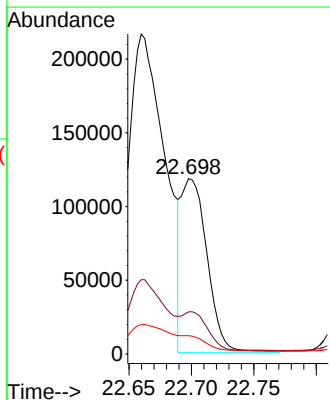
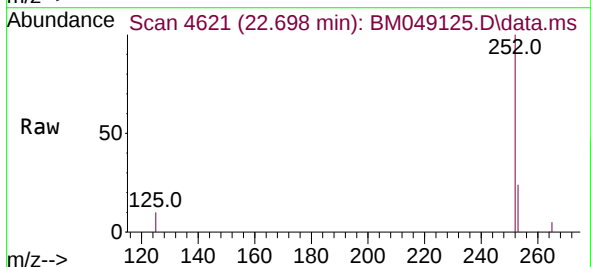
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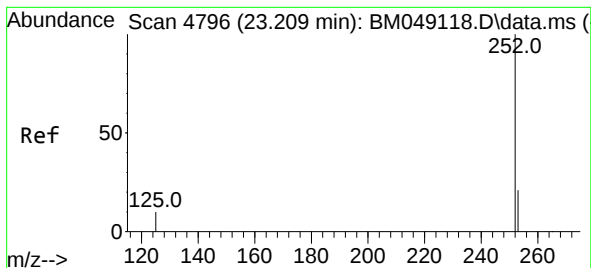
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#25
Benzo(k)fluoranthene
Concen: 1.345 ng/ul m
RT: 22.698 min Scan# 4621
Delta R.T. -0.009 min
Lab File: BM049125.D
Acq: 21 Dec 2024 06:39

Tgt Ion:252 Resp: 169821
Ion Ratio Lower Upper
252 100
253 24.0 21.3 31.9
125 10.4 12.6 18.8#





#26

Benzo(a)pyrene

Concen: 1.750 ng/ul m

RT: 23.206 min Scan# 4

Delta R.T. -0.003 min

Lab File: BM049125.D

Acq: 21 Dec 2024 06:39

Instrument :

BNM_M

ClientSampleId :

E28Z6DL

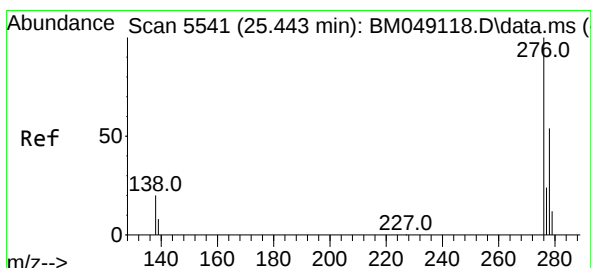
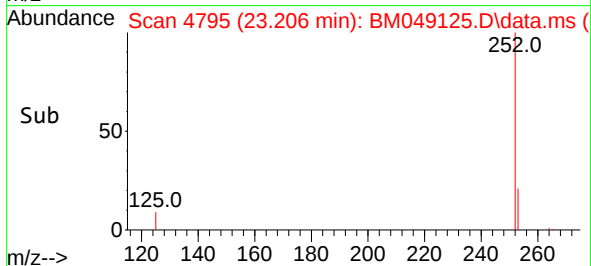
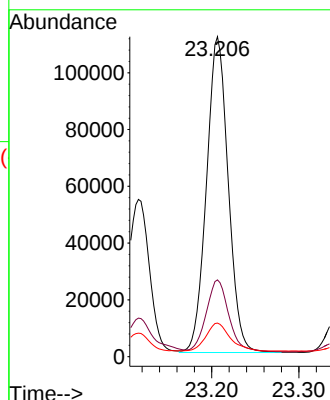
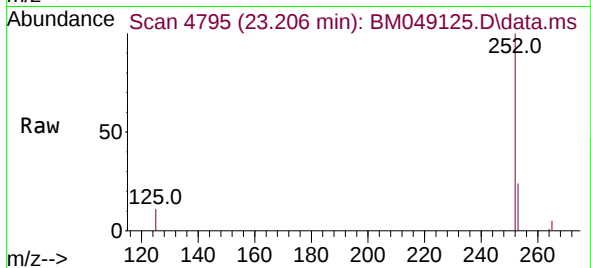
Tgt Ion:252 Resp: 193104

Ion	Ratio	Lower	Upper
252	100		
253	24.0	22.4	33.6
125	10.5	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: 1.038 ng/ul

RT: 25.437 min Scan# 5539

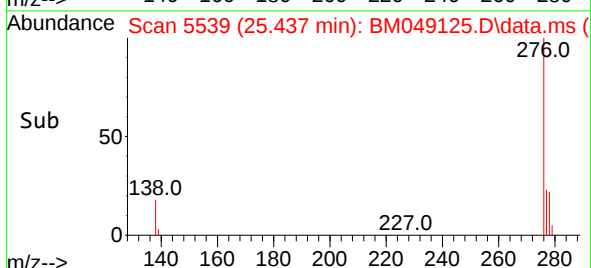
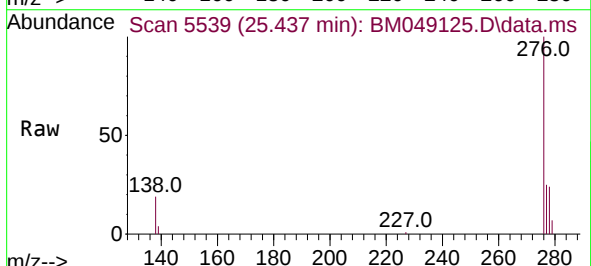
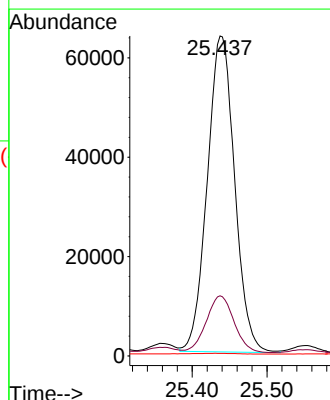
Delta R.T. -0.010 min

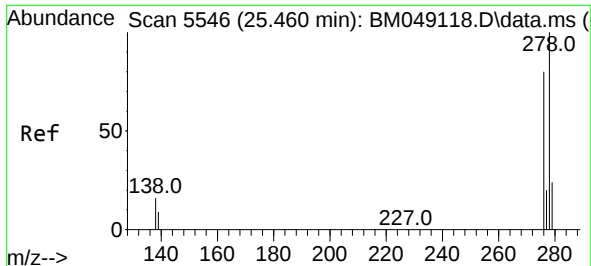
Lab File: BM049125.D

Acq: 21 Dec 2024 06:39

Tgt Ion:276 Resp: 162088

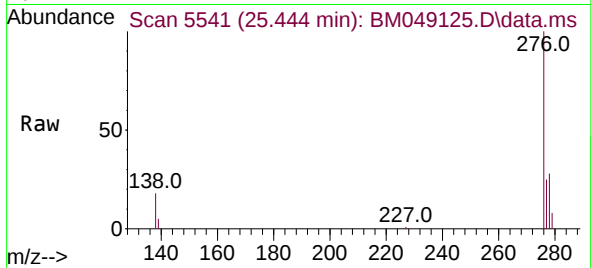
Ion	Ratio	Lower	Upper
276	100		
138	18.2	17.4	26.2
227	0.3	0.2	0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.416 ng/ul
RT: 25.444 min Scan# 5541
Delta R.T. -0.023 min
Lab File: BM049125.D
Acq: 21 Dec 2024 06:39

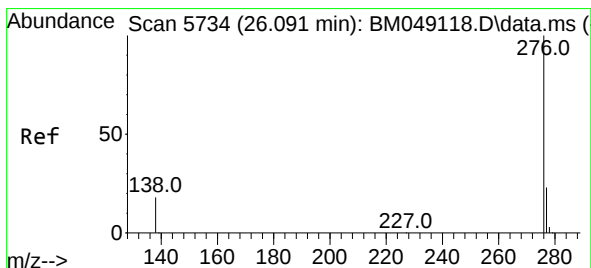
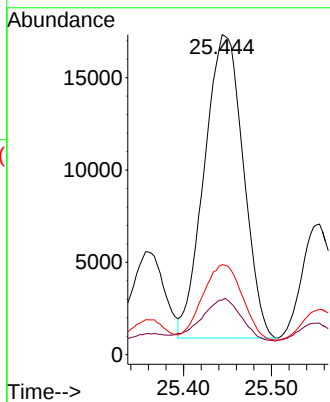
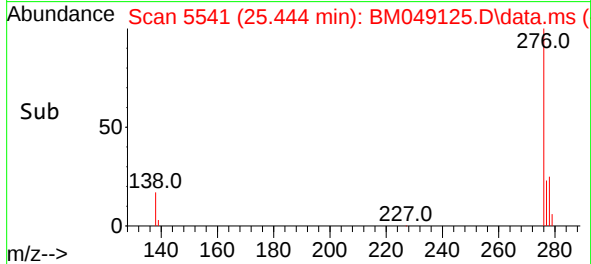
Instrument :
BNA_M
ClientSampleId :
E28Z6DL



Tgt Ion:278 Resp: 50520
Ion Ratio Lower Upper
278 100
139 17.1 13.5 20.3
279 28.2 21.5 32.3

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



#29
Benzo(g,h,i)perylene
Concen: 0.180 ng/ul
RT: 26.091 min Scan# 5734
Delta R.T. -0.003 min
Lab File: BM049125.D
Acq: 21 Dec 2024 06:39

Tgt Ion:276 Resp: 22668
Ion Ratio Lower Upper
276 100
138 24.3 16.7 25.1
277 28.4 19.9 29.9

