

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049129.D
 Acq On : 21 Dec 2024 09:02
 Operator : RC/JU
 Sample : P5265-17DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2902DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 22 23:06:53 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	10738	0.400	ng/ul	0.00
4) Naphthalene-d8	10.319	136	33671	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.191	164	19439	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.942	188	40786	0.400	ng/ul	0.00
17) Chrysene-d12	21.143	240	33565	0.400	ng/ul	0.00
23) Perylene-d12	23.303	264	35472	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	7477	0.604	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	1657	0.037	ng/ul	0.00
18) Fluoranthene-d10	18.978	212	3150	0.033	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.369	128	14195	0.168	ng/ul	100
7) 2-Methylnaphthalene	11.997	142	3929	0.074	ng/ul	97
8) 1-Methylnaphthalene	12.217	142	2539	0.046	ng/ul	99
10) Acenaphthylene	13.913	152	2024	0.025	ng/ul#	78
11) Acenaphthene	14.256	153	13792	0.235	ng/ul	99
12) Fluorene	15.250	166	17426	0.263	ng/ul	98
15) Phenanthrene	16.984	178	208186	1.954	ng/ul	98
16) Anthracene	17.072	178	53754	0.550	ng/ul	100
19) Fluoranthene	19.010	202	242474	1.998	ng/ul	97
20) Pyrene	19.373	202	190213	1.470	ng/ul	97
21) Benzo(a)anthracene	21.129	228	92256	0.790	ng/ul	99
22) Chrysene	21.178	228	77817	0.621	ng/ul	97
24) Benzo(b)fluoranthene	22.663	252	94462m	0.834	ng/ul	
25) Benzo(k)fluoranthene	22.701	252	39091m	0.314	ng/ul	
26) Benzo(a)pyrene	23.206	252	69262m	0.637	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.440	276	47648	0.310	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.447	278	10797	0.090	ng/ul#	83
29) Benzo(g,h,i)perylene	26.091	276	45512	0.368	ng/ul	99

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

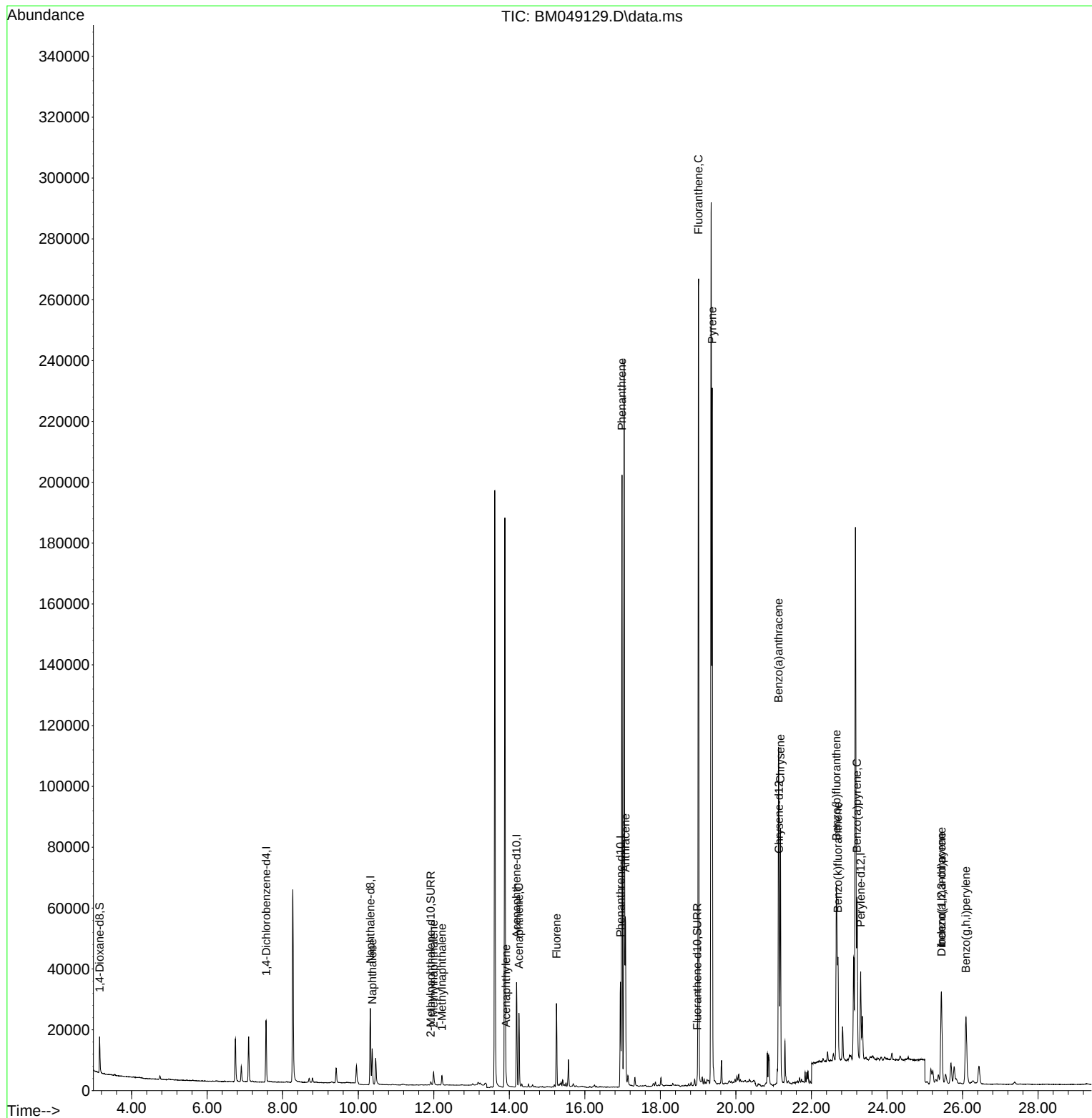
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049129.D
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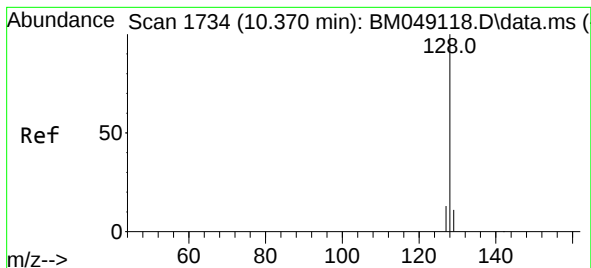
Instrument :
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Quant Time: Dec 22 23:06:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
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#5

Naphthalene

Concen: 0.168 ng/ul

RT: 10.369 min Scan# 1734

Delta R.T. -0.011 min

Lab File: BM049129.D

Acq: 21 Dec 2024 09:02

Instrument :

BNA_M

ClientSampleId :

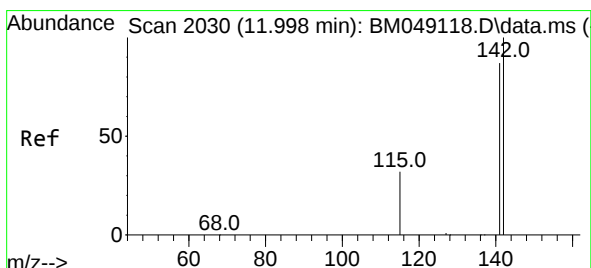
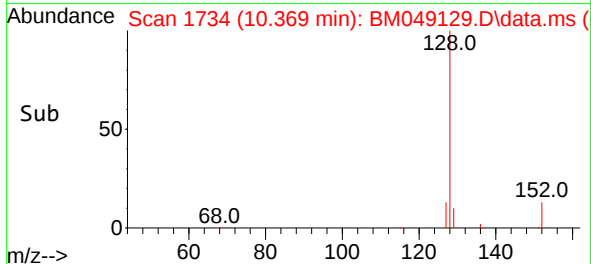
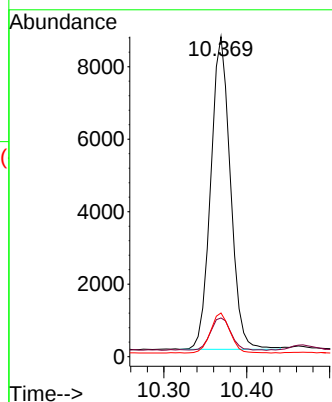
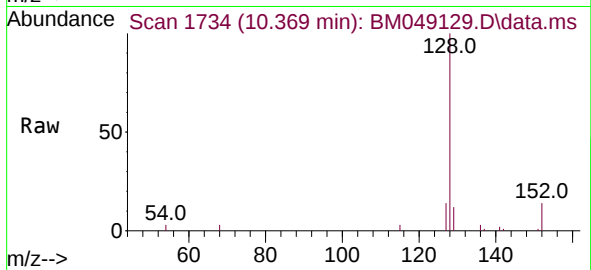
E2902DL

Tgt Ion:128	Resp:	1419
Ion Ratio	Lower	Upper
128	100	
129	12.1	9.7 14.5
127	13.6	10.6 16.0

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#7

2-Methylnaphthalene

Concen: 0.074 ng/ul

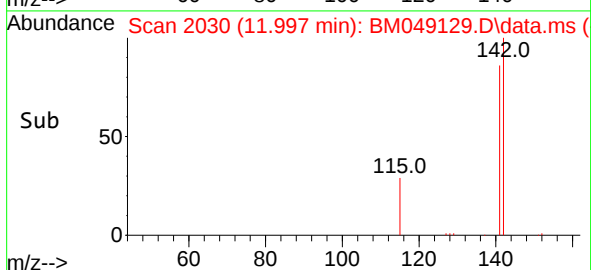
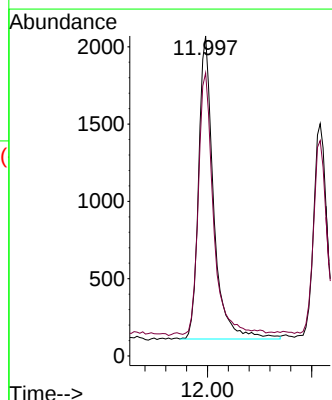
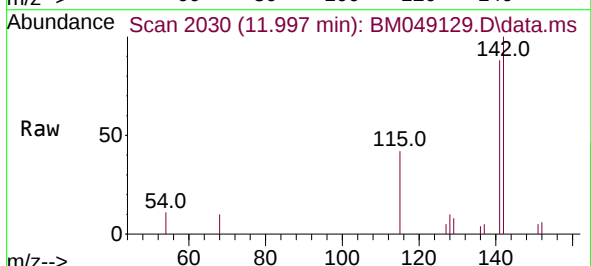
RT: 11.997 min Scan# 2030

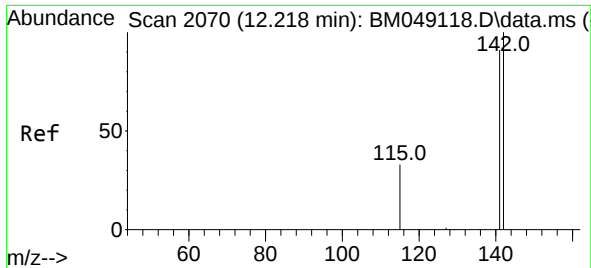
Delta R.T. -0.005 min

Lab File: BM049129.D

Acq: 21 Dec 2024 09:02

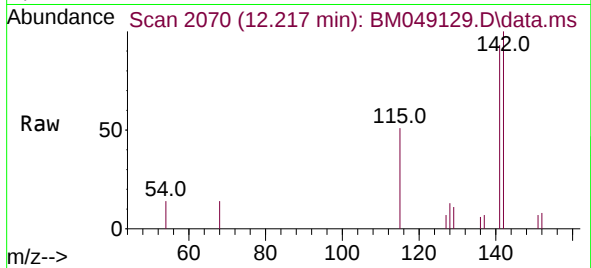
Tgt Ion:142	Resp:	3929
Ion Ratio	Lower	Upper
142	100	
141	86.9	71.7 107.5





#8
1-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.217 min Scan# 2070
Delta R.T. -0.005 min
Lab File: BM049129.D
Acq: 21 Dec 2024 09:02

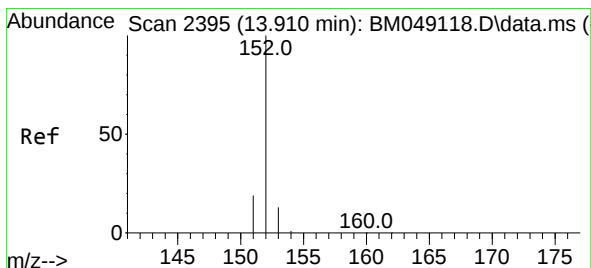
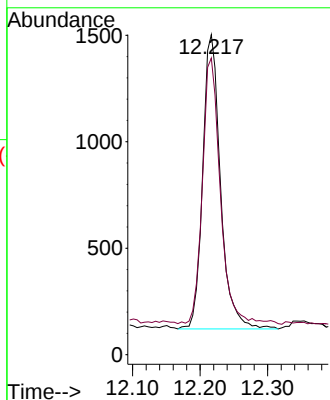
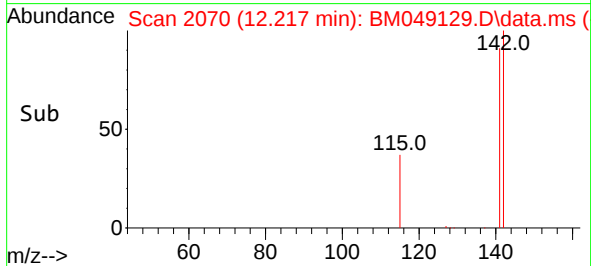
Instrument :
BNA_M
ClientSampleId :
E2902DL



Tgt Ion:142 Resp: 2539
Ion Ratio Lower Upper
142 100
141 91.5 72.7 109.1

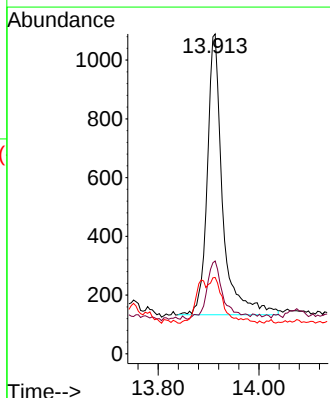
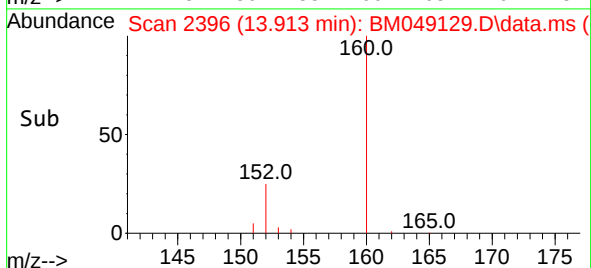
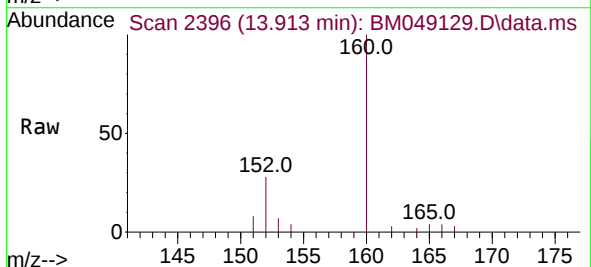
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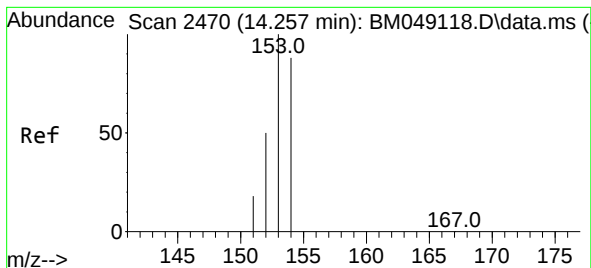
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#10
Acenaphthylene
Concen: 0.025 ng/ul
RT: 13.913 min Scan# 2396
Delta R.T. -0.005 min
Lab File: BM049129.D
Acq: 21 Dec 2024 09:02

Tgt Ion:152 Resp: 2024
Ion Ratio Lower Upper
152 100
151 29.0 16.0 24.0#
153 23.9 11.0 16.6#





#11

Acenaphthene

Concen: 0.235 ng/u1

RT: 14.256 min Scan# 2470

Delta R.T. -0.009 min

Lab File: BM049129.D

Acq: 21 Dec 2024 09:02

Instrument :

BNA_M

ClientSampleId :

E2902DL

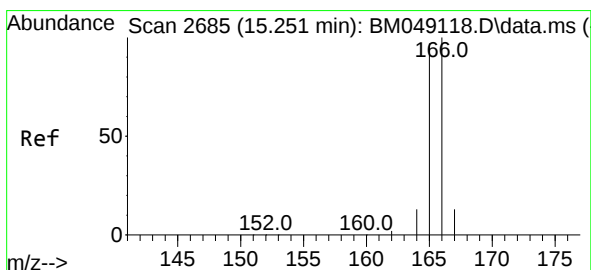
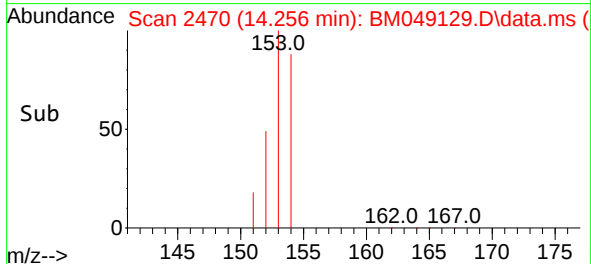
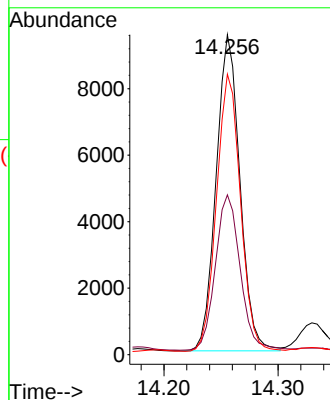
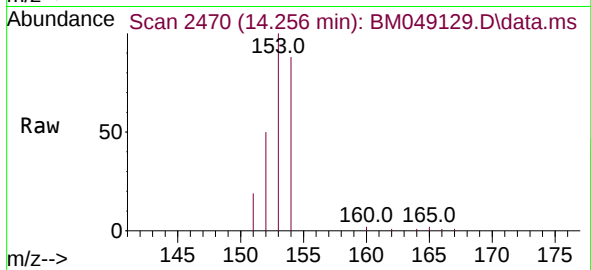
Tgt Ion:153 Resp: 13792

Ion	Ratio	Lower	Upper
153	100		
152	50.0	40.7	61.1
154	87.6	70.8	106.2

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#12

Fluorene

Concen: 0.263 ng/u1

RT: 15.250 min Scan# 2685

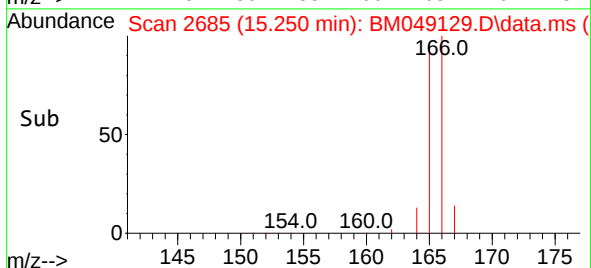
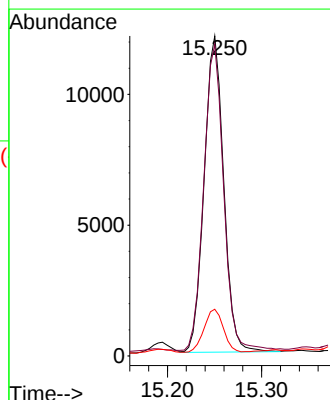
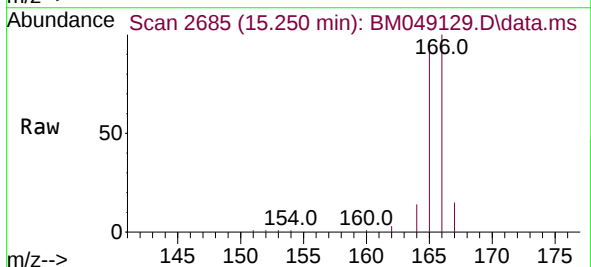
Delta R.T. -0.005 min

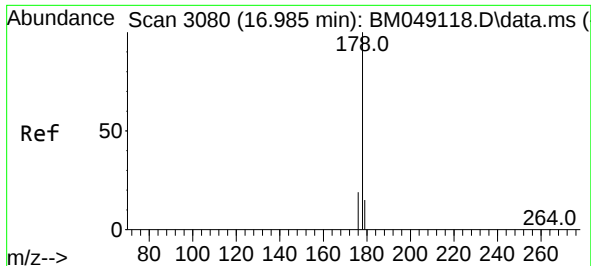
Lab File: BM049129.D

Acq: 21 Dec 2024 09:02

Tgt Ion:166 Resp: 17426

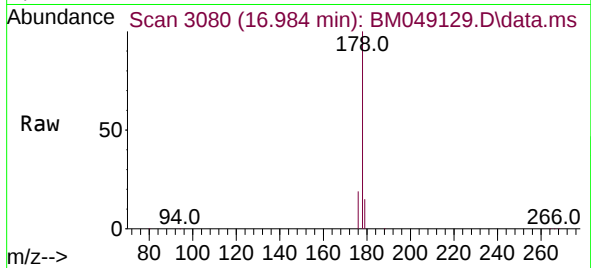
Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.7	119.5
167	14.6	11.4	17.0





#15
Phenanthrene
Concen: 1.954 ng/ul
RT: 16.984 min Scan# 3080
Delta R.T. -0.008 min
Lab File: BM049129.D
Acq: 21 Dec 2024 09:02

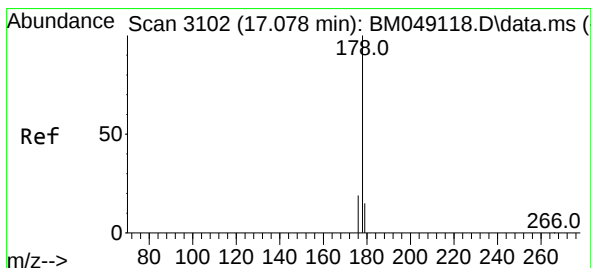
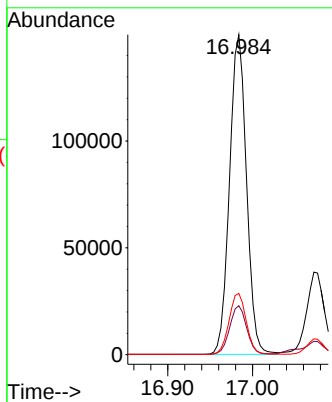
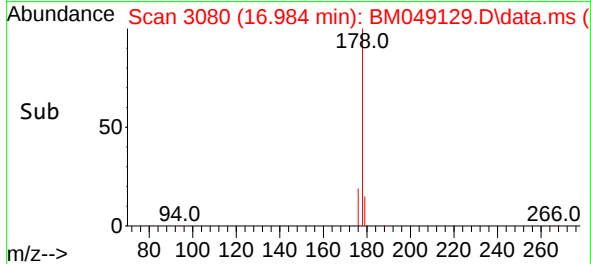
Instrument :
BNA_M
ClientSampleId :
E2902DL



Tgt Ion:178 Resp: 208180
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.4
176 19.2 16.2 24.2

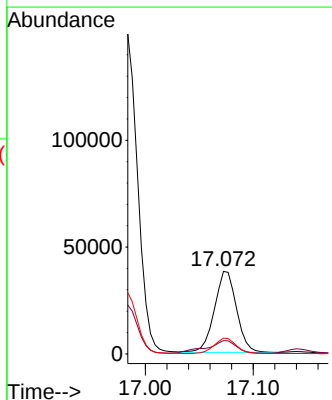
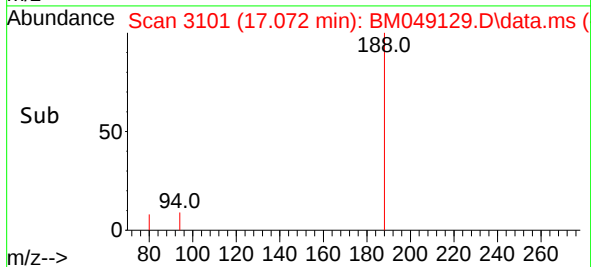
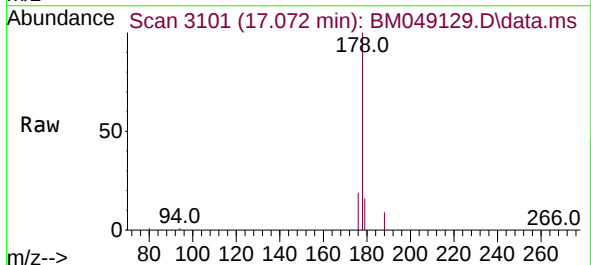
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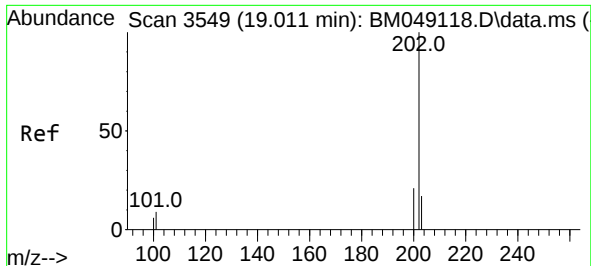
Reviewed By :Jagrut Upadhyay 12/23/2024
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#16
Anthracene
Concen: 0.550 ng/ul
RT: 17.072 min Scan# 3101
Delta R.T. -0.013 min
Lab File: BM049129.D
Acq: 21 Dec 2024 09:02

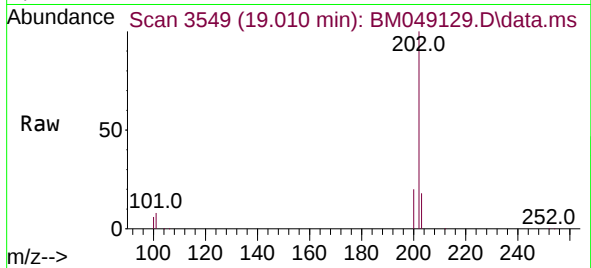
Tgt Ion:178 Resp: 53754
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 19.1 15.3 22.9





#19
Fluoranthene
Concen: 1.998 ng/ul
RT: 19.010 min Scan# 3549
Delta R.T. -0.005 min
Lab File: BM049129.D
Acq: 21 Dec 2024 09:02

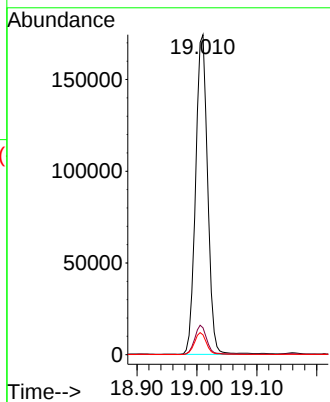
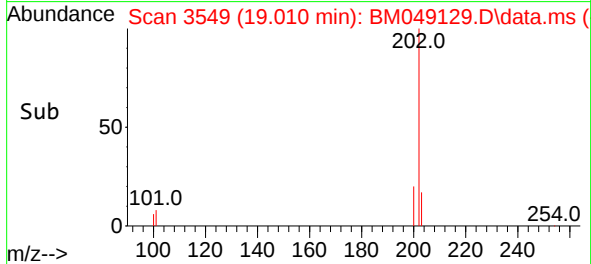
Instrument :
BNA_M
ClientSampleId :
E2902DL



Tgt Ion:202 Resp: 242474
Ion Ratio Lower Upper
202 100
101 8.4 7.6 11.4
100 6.2 5.5 8.3

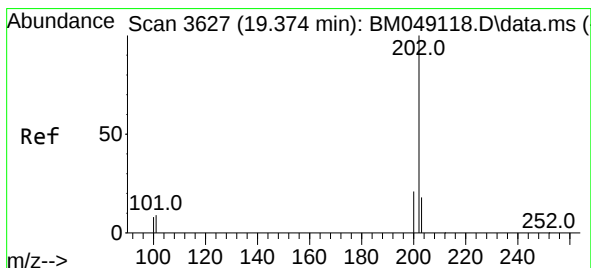
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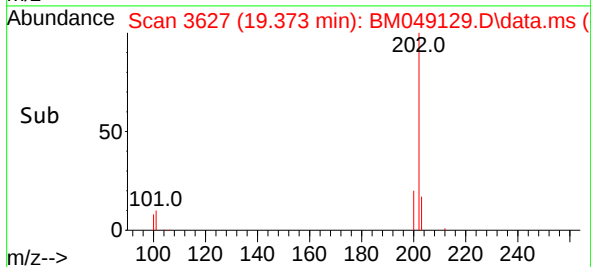
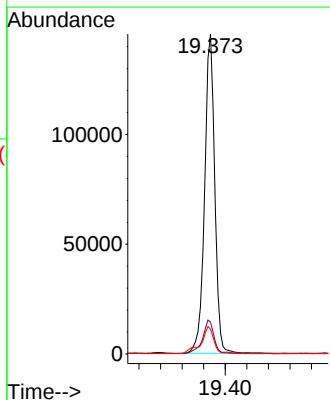
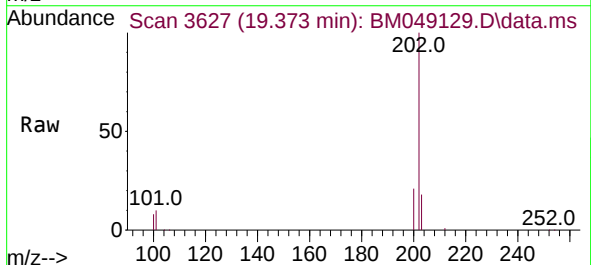
12/23/2024
Supervised By :mohammad
ahmed

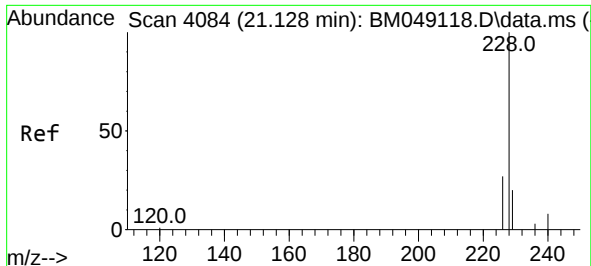
12/24/2024



#20
Pyrene
Concen: 1.470 ng/ul
RT: 19.373 min Scan# 3627
Delta R.T. -0.005 min
Lab File: BM049129.D
Acq: 21 Dec 2024 09:02

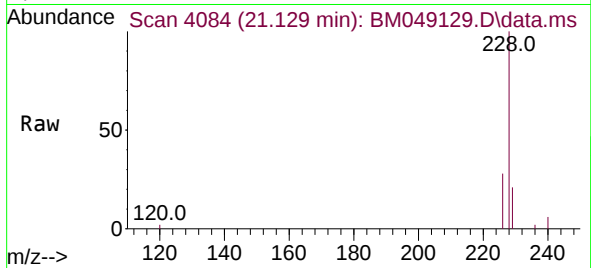
Tgt Ion:202 Resp: 190213
Ion Ratio Lower Upper
202 100
101 10.0 8.9 13.3
100 7.8 6.9 10.3





#21
Benzo(a)anthracene
Concen: 0.790 ng/ul
RT: 21.129 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM049129.D
Acq: 21 Dec 2024 09:02

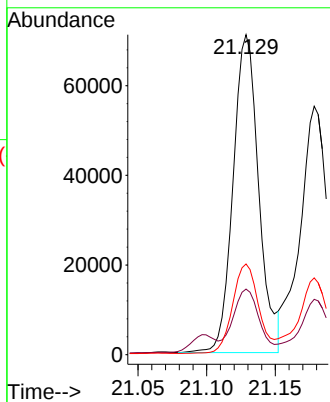
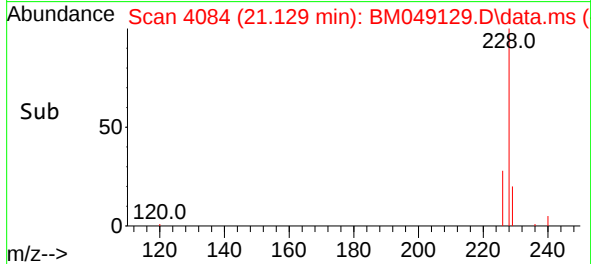
Instrument :
BNA_M
ClientSampleId :
E2902DL



Tgt Ion:228 Resp: 92250
Ion Ratio Lower Upper
228 100
229 20.5 15.9 23.9
226 28.4 22.6 34.0

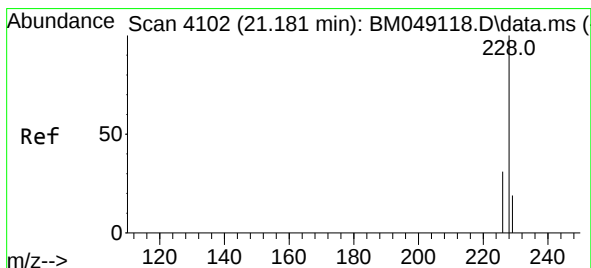
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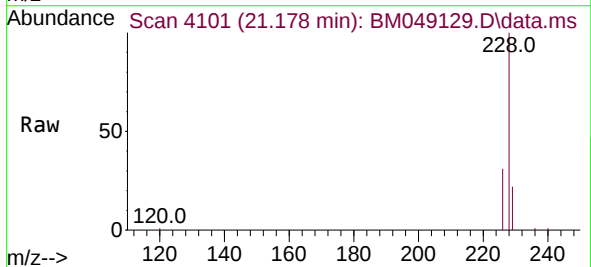


12/23/2024
Supervised By :mohammad
ahmed

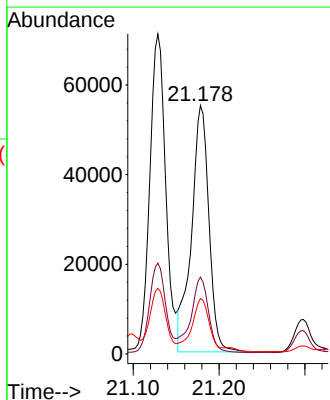
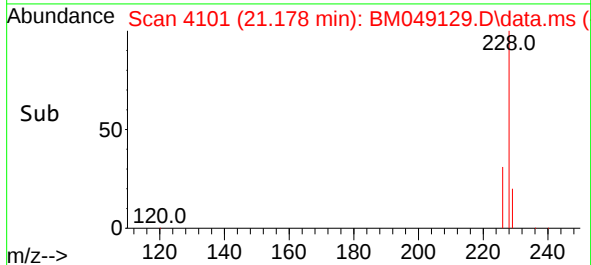
12/24/2024

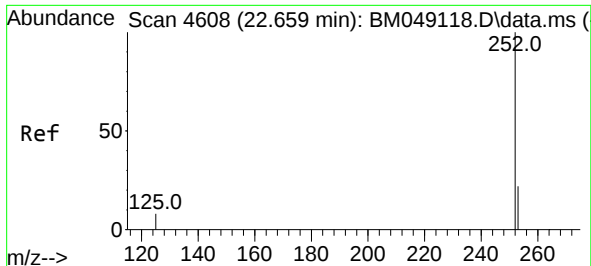


#22
Chrysene
Concen: 0.621 ng/ul
RT: 21.178 min Scan# 4101
Delta R.T. -0.006 min
Lab File: BM049129.D
Acq: 21 Dec 2024 09:02



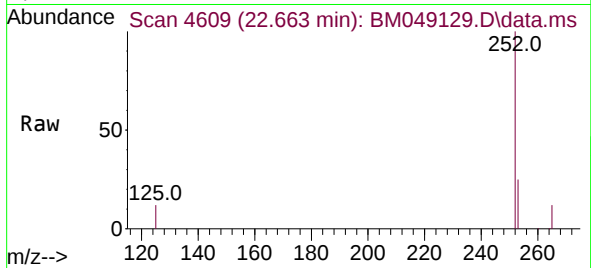
Tgt Ion:228 Resp: 77817
Ion Ratio Lower Upper
228 100
226 30.9 24.1 36.1
229 22.3 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.834 ng/ul m
RT: 22.663 min Scan# 4609
Delta R.T. 0.000 min
Lab File: BM049129.D
Acq: 21 Dec 2024 09:02

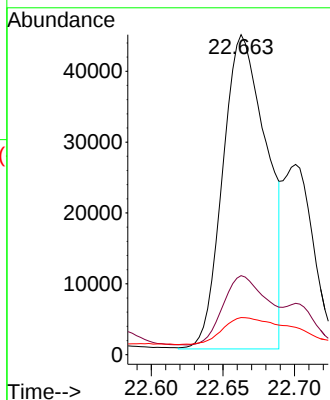
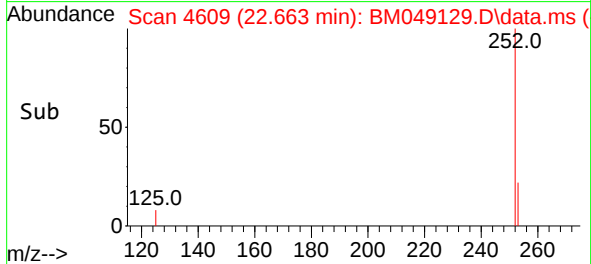
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:252 Resp: 94462
Ion Ratio Lower Upper
252 100
253 24.7 0.0 52.6
125 11.6 0.0 30.8

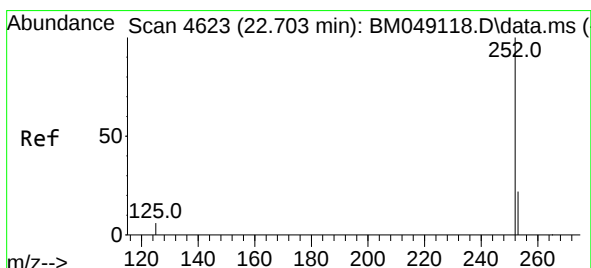
Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



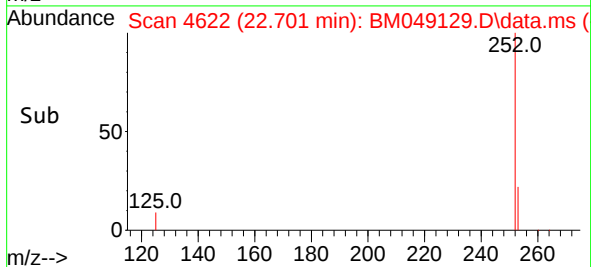
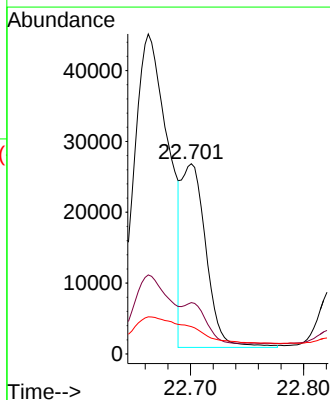
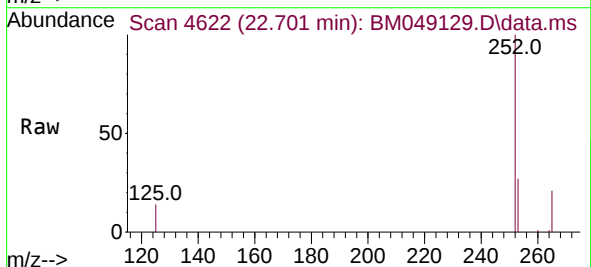
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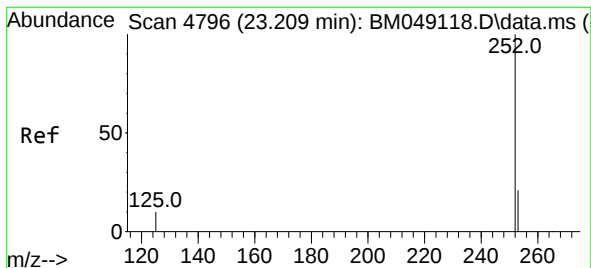
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#25
Benzo(k)fluoranthene
Concen: 0.314 ng/ul m
RT: 22.701 min Scan# 4622
Delta R.T. -0.006 min
Lab File: BM049129.D
Acq: 21 Dec 2024 09:02

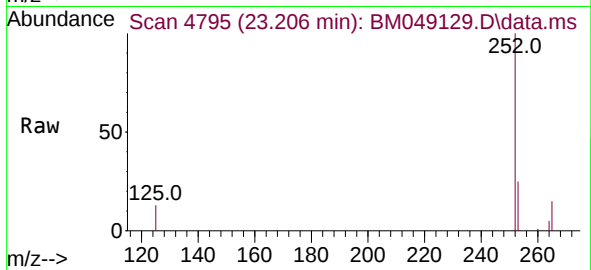
Tgt Ion:252 Resp: 39091
Ion Ratio Lower Upper
252 100
253 27.0 21.3 31.9
125 14.4 12.6 18.8





#26
Benzo(a)pyrene
Concen: 0.637 ng/ul m
RT: 23.206 min Scan# 4796
Delta R.T. -0.003 min
Lab File: BM049129.D
Acq: 21 Dec 2024 09:02

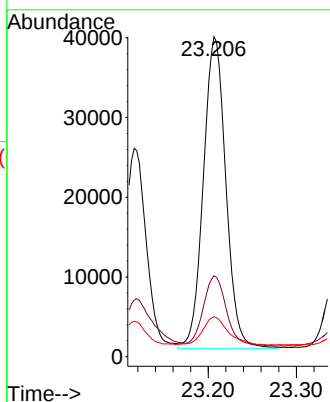
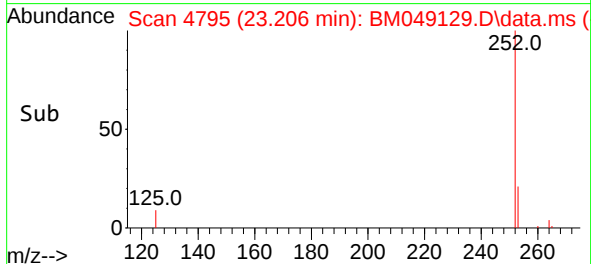
Instrument :
BNA_M
ClientSampleId :
E2902DL



Tgt Ion:252 Resp: 69262
Ion Ratio Lower Upper
252 100
253 25.3 22.4 33.6
125 12.5 14.8 22.2

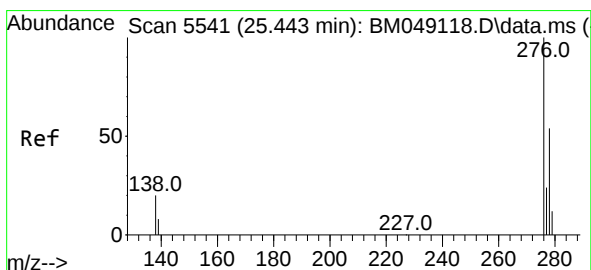
Manual Integrations
APPROVED

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

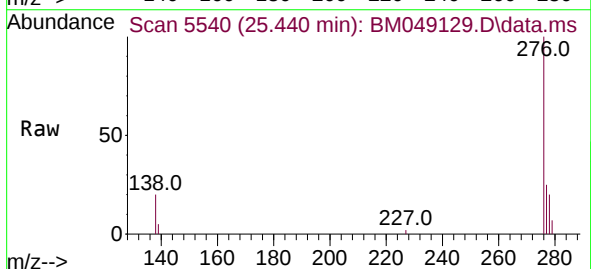


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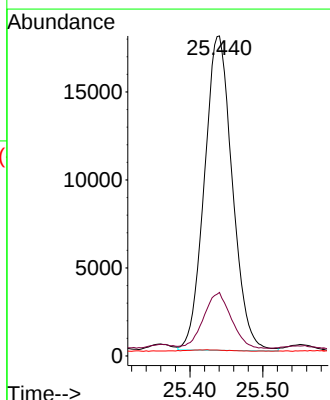
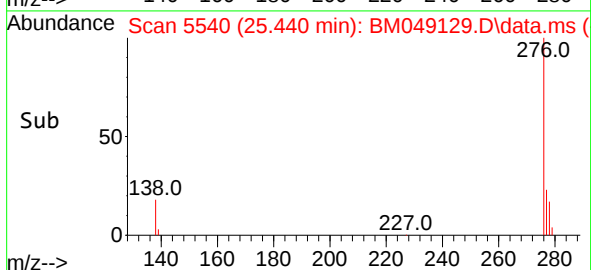
12/24/2024

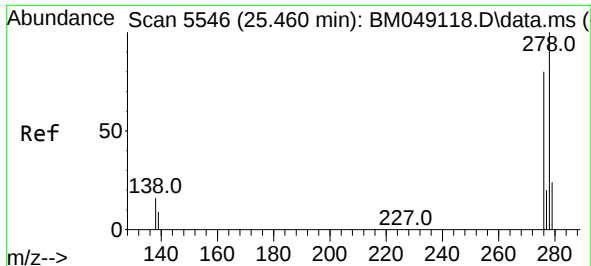


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.310 ng/ul
RT: 25.440 min Scan# 5540
Delta R.T. -0.007 min
Lab File: BM049129.D
Acq: 21 Dec 2024 09:02



Tgt Ion:276 Resp: 47648
Ion Ratio Lower Upper
276 100
138 17.7 17.4 26.2
227 0.6 0.2 0.2





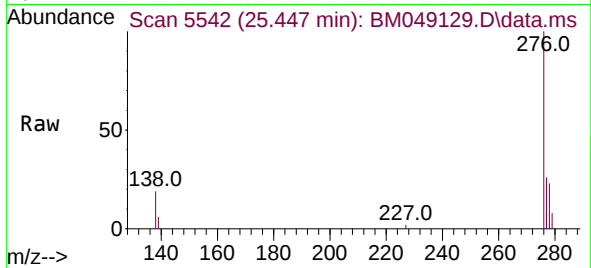
#28
Dibenzo(a,h)anthracene
Concen: 0.090 ng/ul
RT: 25.447 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM049129.D
Acq: 21 Dec 2024 09:02

Instrument :

BNA_M

ClientSampleId :

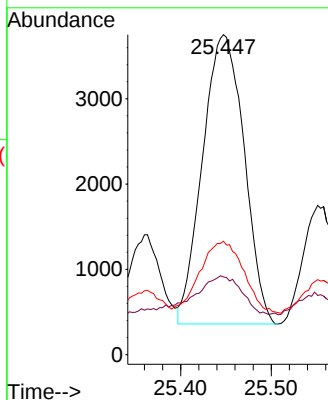
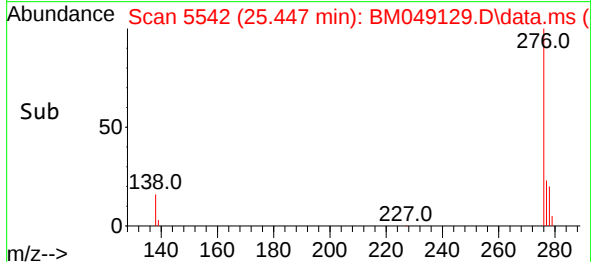
E2902DL



Tgt Ion:278 Resp: 1079
Ion Ratio Lower Upper
278 100
139 24.3 13.5 20.3
279 35.4 21.5 32.3

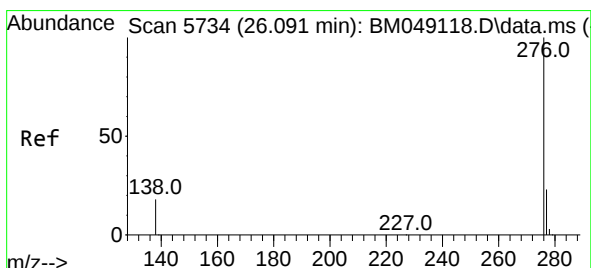
Manual Integrations
APPROVED

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

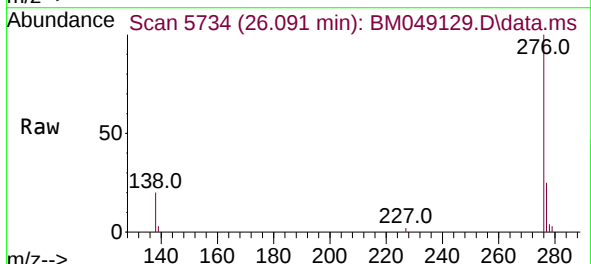


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ahmed

12/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.368 ng/ul
RT: 26.091 min Scan# 5734
Delta R.T. -0.003 min
Lab File: BM049129.D
Acq: 21 Dec 2024 09:02



Tgt Ion:276 Resp: 45512
Ion Ratio Lower Upper
276 100
138 19.9 16.7 25.1
277 25.1 19.9 29.9

