

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
 Data File : BM049238.D
 Acq On : 26 Dec 2024 22:56
 Operator : RC/JU
 Sample : P5333-14DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2916DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024
 Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 27 00:46:48 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 : Thu Dec 26 11:35:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.544	152	5384	0.400	ng/ul	0.00
4) Naphthalene-d8	10.308	136	16715	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.182	164	10451	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.933	188	23044	0.400	ng/ul	0.00
17) Chrysene-d12	21.135	240	19057	0.400	ng/ul	0.00
23) Perylene-d12	23.288	264	20829	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	3945	0.635	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.914	152	804	0.036	ng/ul	0.00
18) Fluoranthene-d10	18.968	212	1759	0.033	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.358	128	1363	0.033	ng/ul#	81
7) 2-Methylnaphthalene	11.991	142	934	0.035	ng/ul	94
15) Phenanthrene	16.971	178	9273	0.154	ng/ul	99
16) Anthracene	17.064	178	1876	0.034	ng/ul#	85
19) Fluoranthene	18.996	202	25547	0.371	ng/ul	99
20) Pyrene	19.359	202	26335	0.358	ng/ul	99
21) Benzo(a)anthracene	21.120	228	15932	0.240	ng/ul	98
22) Chrysene	21.170	228	19924	0.280	ng/ul	97
24) Benzo(b)fluoranthene	22.651	252	30941m	0.465	ng/ul	
25) Benzo(k)fluoranthene	22.689	252	12752m	0.175	ng/ul	
26) Benzo(a)pyrene	23.195	252	22279m	0.349	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.420	276	18637	0.206	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.427	278	3972	0.057	ng/ul#	80
29) Benzo(g,h,i)perylene	26.064	276	19339	0.266	ng/ul	99

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

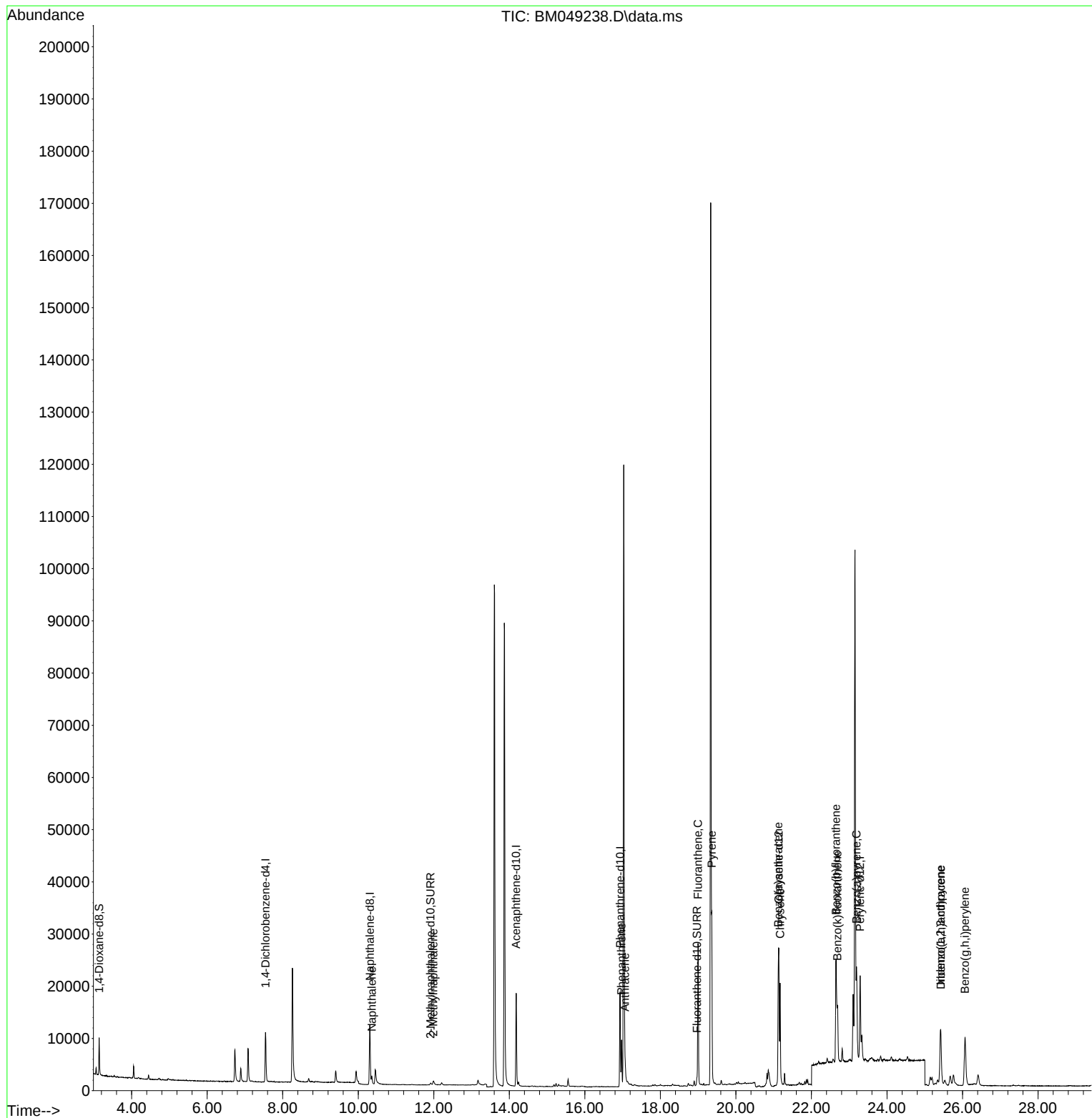
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
Data File : BM049238.D
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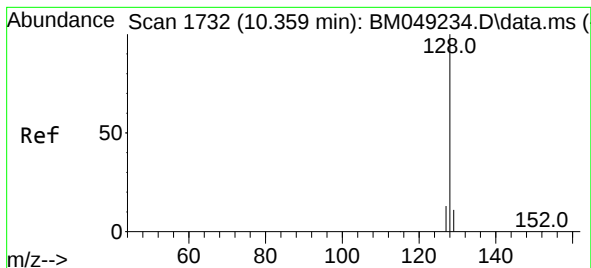
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#5

Naphthalene

Concen: 0.033 ng/ul

RT: 10.358 min Scan# 1732

Delta R.T. 0.000 min

Lab File: BM049238.D

Acq: 26 Dec 2024 22:56

Instrument :

BNA_M

ClientSampleId :

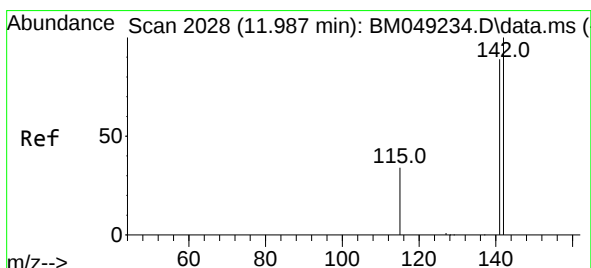
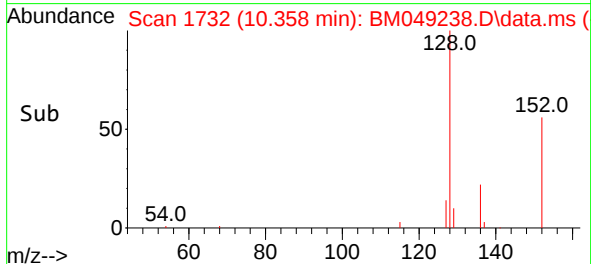
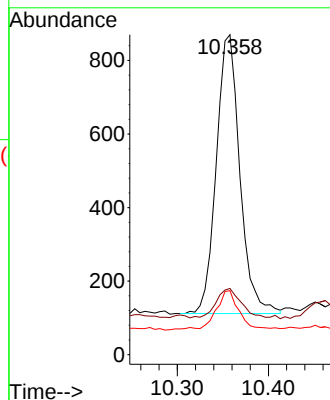
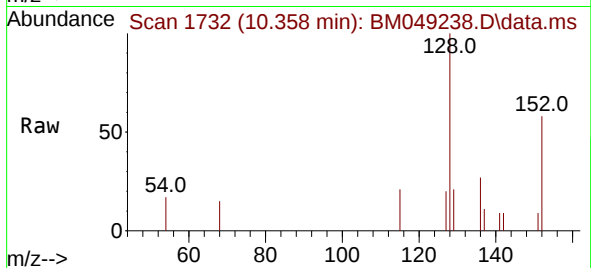
E2916DL

Tgt Ion:128	Resp:	136
Ion Ratio	Lower	Upper
128	100	
129	20.7	9.7 14.5
127	20.0	10.6 16.0

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#7

2-Methylnaphthalene

Concen: 0.035 ng/ul

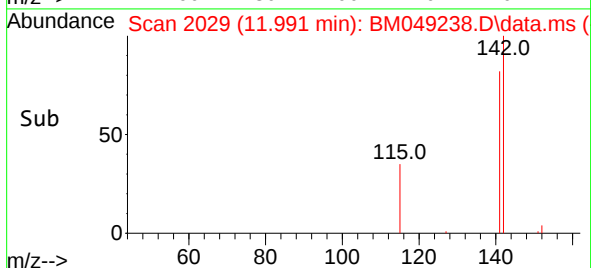
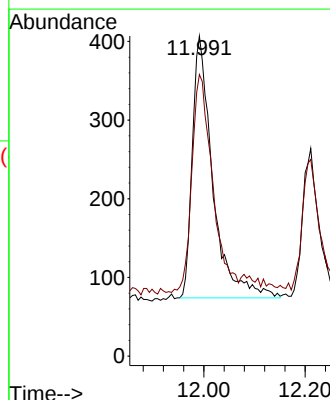
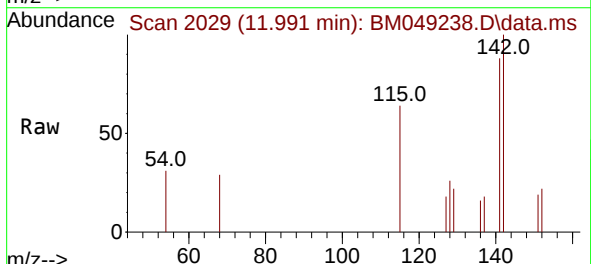
RT: 11.991 min Scan# 2029

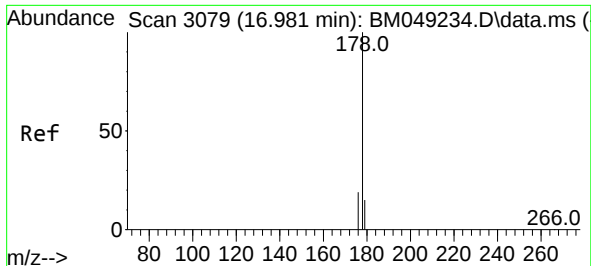
Delta R.T. 0.011 min

Lab File: BM049238.D

Acq: 26 Dec 2024 22:56

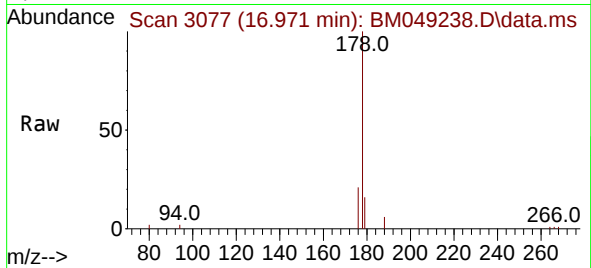
Tgt Ion:142	Resp:	934
Ion Ratio	Lower	Upper
142	100	
141	84.4	71.7 107.5





#15
Phenanthrene
Concen: 0.154 ng/ul
RT: 16.971 min Scan# 3077
Delta R.T. -0.004 min
Lab File: BM049238.D
Acq: 26 Dec 2024 22:56

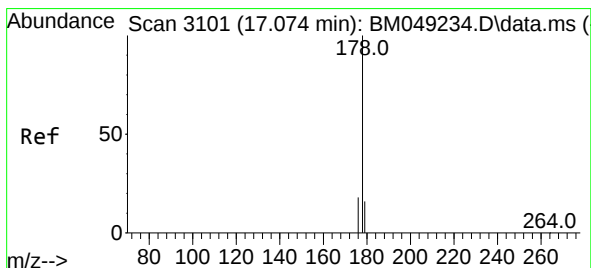
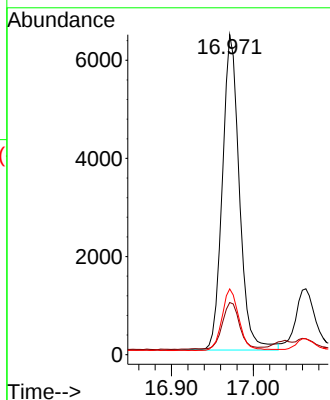
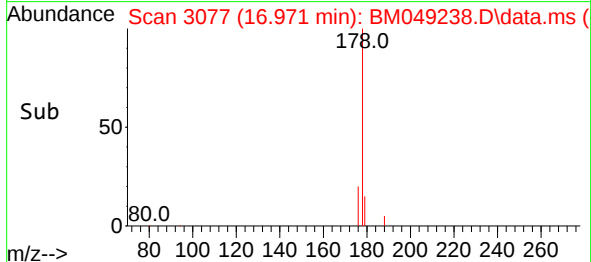
Instrument :
BNA_M
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E2916DL



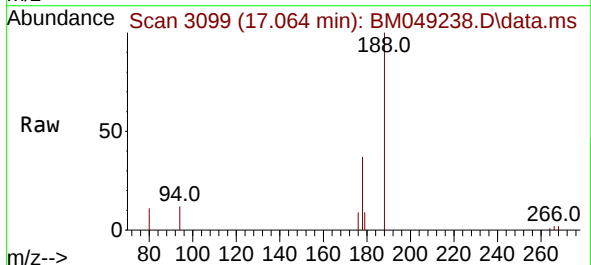
Tgt Ion:178 Resp: 927
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.4
176 20.5 16.2 24.2

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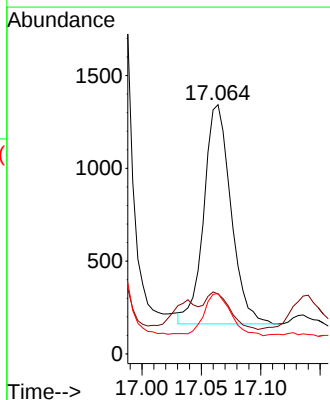
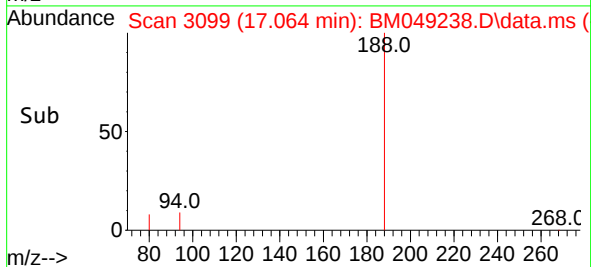
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024

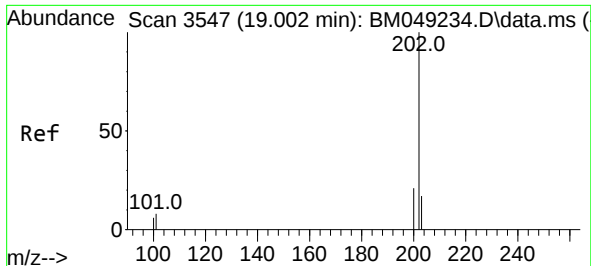


#16
Anthracene
Concen: 0.034 ng/ul
RT: 17.064 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BM049238.D
Acq: 26 Dec 2024 22:56



Tgt Ion:178 Resp: 1876
Ion Ratio Lower Upper
178 100
179 24.1 12.9 19.3#
176 24.2 15.3 22.9#





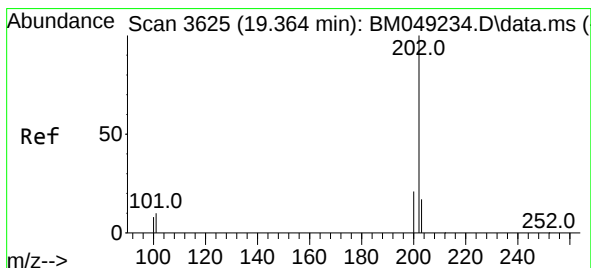
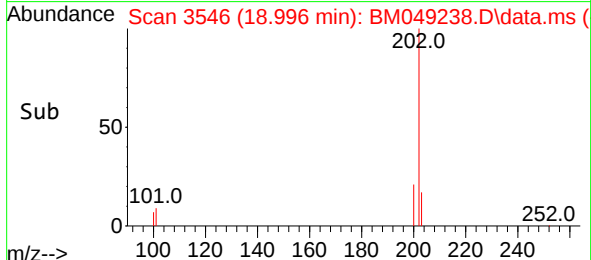
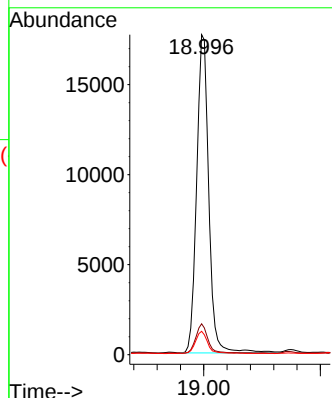
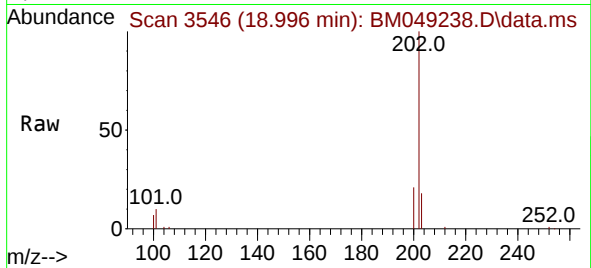
#19
Fluoranthene
Concen: 0.371 ng/ul
RT: 18.996 min Scan# 3547
Delta R.T. -0.005 min
Lab File: BM049238.D
Acq: 26 Dec 2024 22:56

Instrument :
BNA_M
ClientSampleId :
E2916DL

Tgt Ion:202 Resp: 2554
Ion Ratio Lower Upper
202 100
101 9.7 7.6 11.4
100 7.3 5.5 8.3

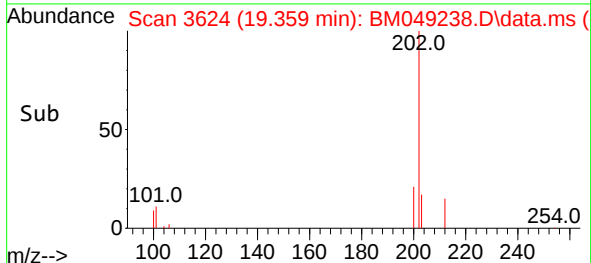
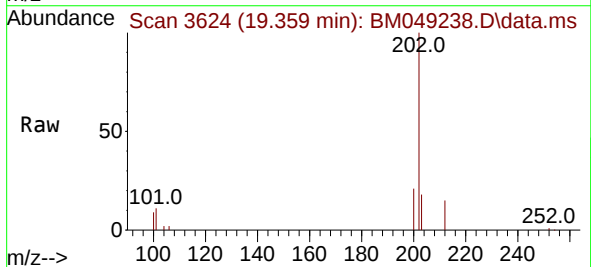
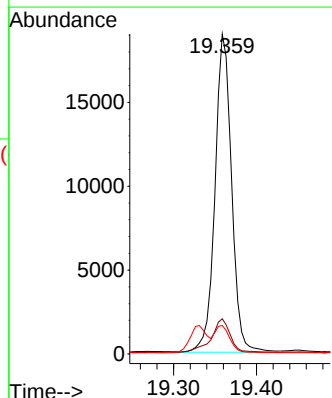
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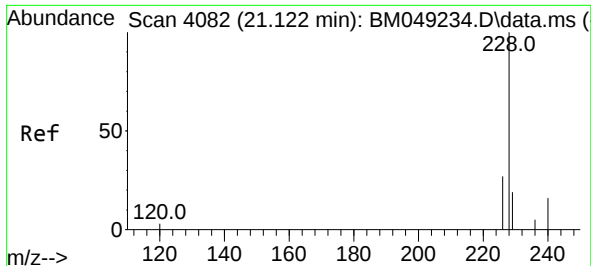
Reviewed By :Jagrut Upadhyay 12/27/2024
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#20
Pyrene
Concen: 0.358 ng/ul
RT: 19.359 min Scan# 3624
Delta R.T. -0.005 min
Lab File: BM049238.D
Acq: 26 Dec 2024 22:56

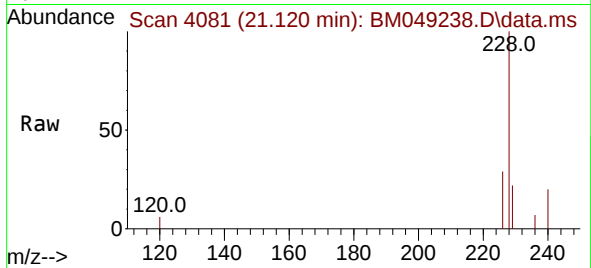
Tgt Ion:202 Resp: 26335
Ion Ratio Lower Upper
202 100
101 11.0 8.9 13.3
100 8.9 6.9 10.3





#21
Benzo(a)anthracene
Concen: 0.240 ng/u1
RT: 21.120 min Scan# 4082
Delta R.T. 0.000 min
Lab File: BM049238.D
Acq: 26 Dec 2024 22:56

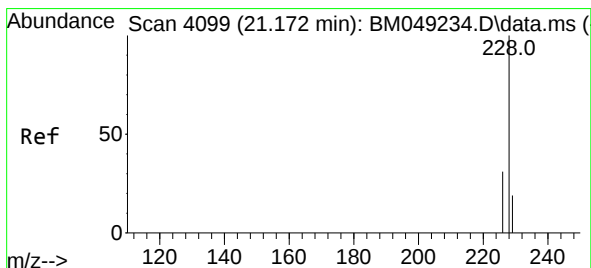
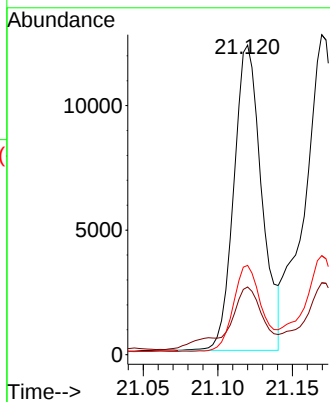
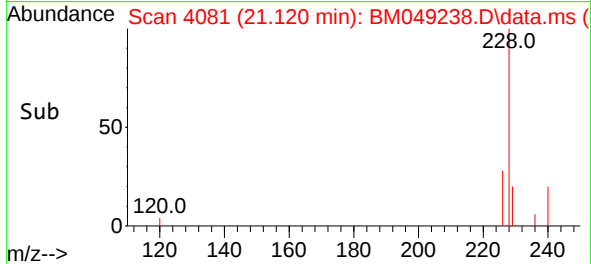
Instrument :
BNA_M
ClientSampleId :
E2916DL



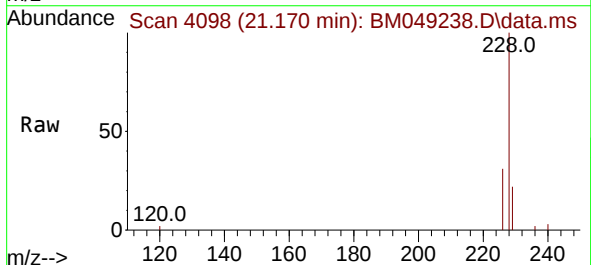
Tgt Ion:228 Resp: 15932
Ion Ratio Lower Upper
228 100
229 21.9 15.9 23.9
226 28.8 22.6 34.0

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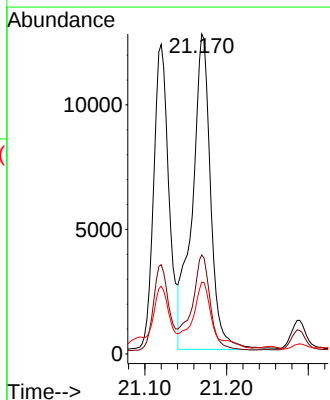
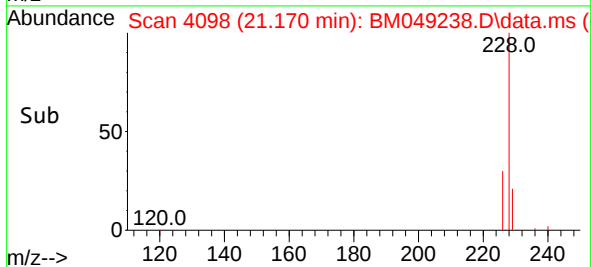
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024

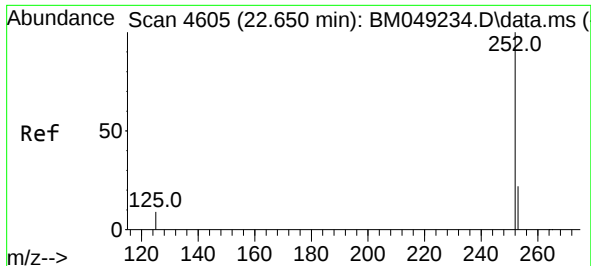


#22
Chrysene
Concen: 0.280 ng/u1
RT: 21.170 min Scan# 4098
Delta R.T. -0.003 min
Lab File: BM049238.D
Acq: 26 Dec 2024 22:56



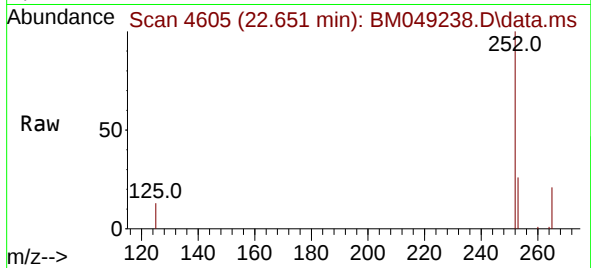
Tgt Ion:228 Resp: 19924
Ion Ratio Lower Upper
228 100
226 31.0 24.1 36.1
229 22.5 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.465 ng/ul m
RT: 22.651 min Scan# 4605
Delta R.T. 0.003 min
Lab File: BM049238.D
Acq: 26 Dec 2024 22:56

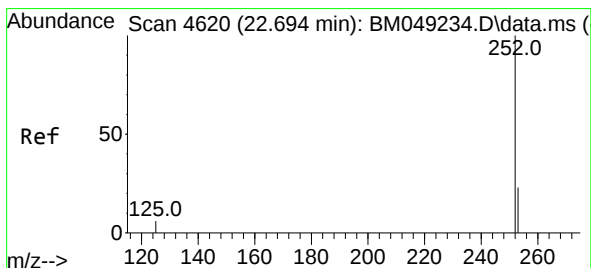
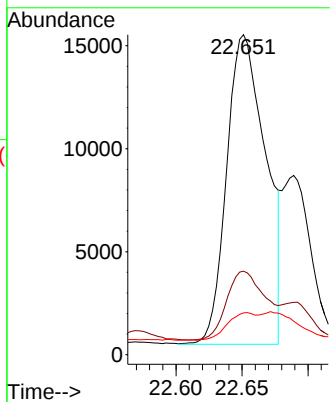
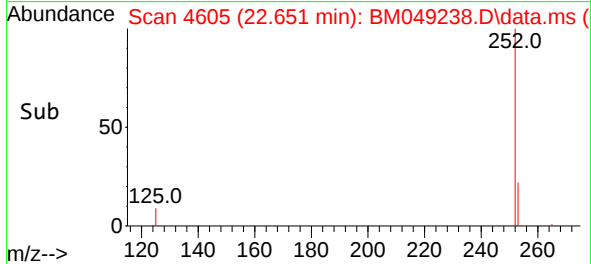
Instrument :
BNA_M
ClientSampleId :
E2916DL



Tgt Ion:252 Resp: 3094
Ion Ratio Lower Upper
252 100
253 26.1 0.0 52.6
125 13.1 0.0 30.8

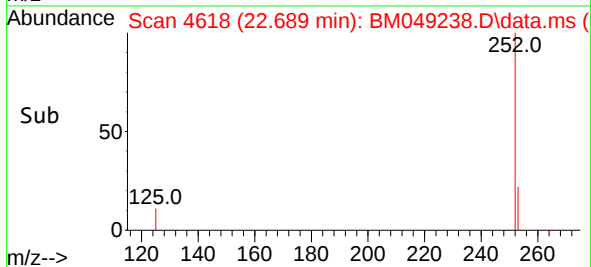
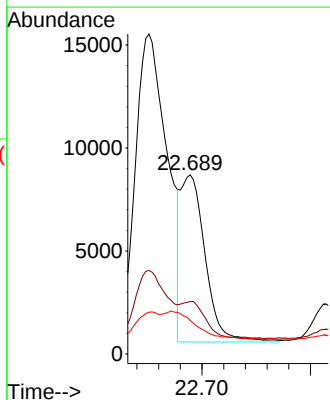
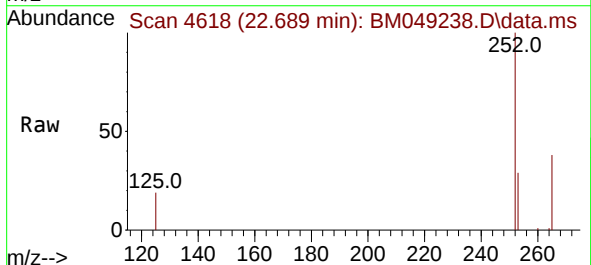
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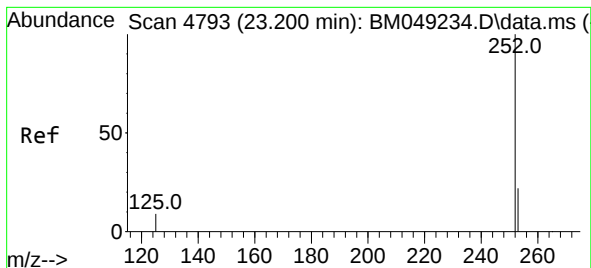
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#25
Benzo(k)fluoranthene
Concen: 0.175 ng/ul m
RT: 22.689 min Scan# 4618
Delta R.T. -0.003 min
Lab File: BM049238.D
Acq: 26 Dec 2024 22:56

Tgt Ion:252 Resp: 12752
Ion Ratio Lower Upper
252 100
253 29.2 21.3 31.9
125 18.7 12.6 18.8





#26

Benzo(a)pyrene

Concen: 0.349 ng/ul m

RT: 23.195 min Scan# 4

Delta R.T. 0.003 min

Lab File: BM049238.D

Acq: 26 Dec 2024 22:56

Instrument :

BNM

ClientSampleId :

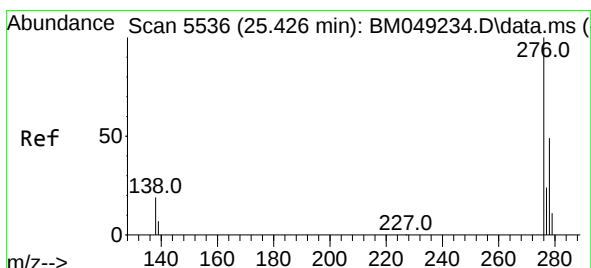
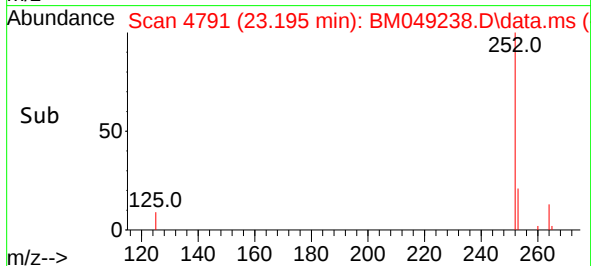
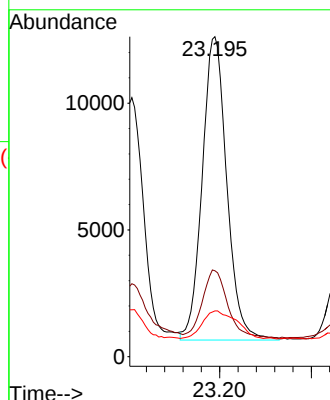
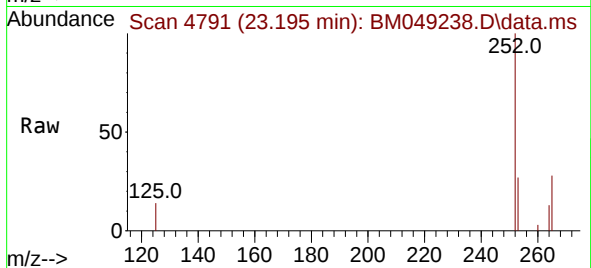
E2916DL

Tgt Ion:	252	Resp:	22279
Ion Ratio	Lower	Upper	
252	100		
253	26.9	22.4	33.6
125	14.3	14.8	22.2

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#27

Indeno(1,2,3-cd)pyrene

Concen: 0.206 ng/ul

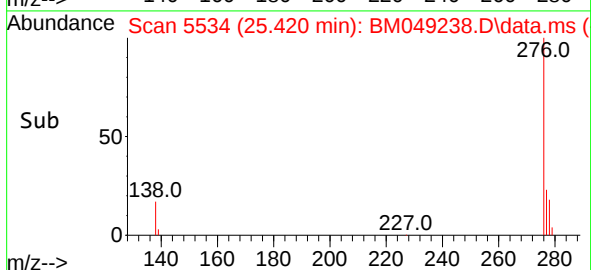
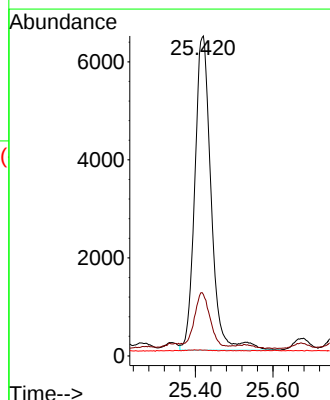
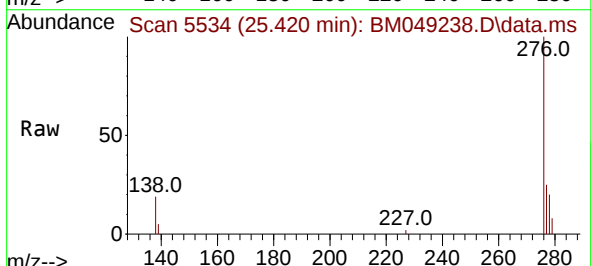
RT: 25.420 min Scan# 5534

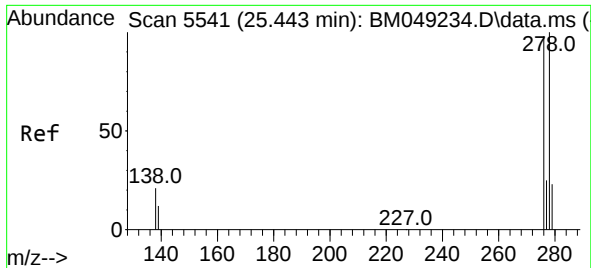
Delta R.T. 0.003 min

Lab File: BM049238.D

Acq: 26 Dec 2024 22:56

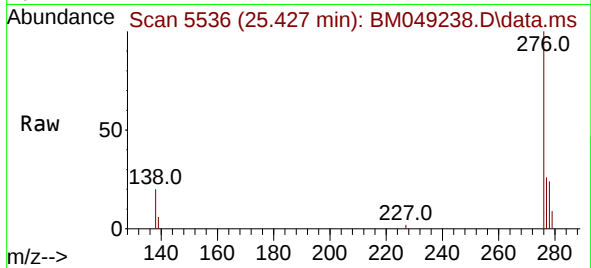
Tgt Ion:	276	Resp:	18637
Ion Ratio	Lower	Upper	
276	100		
138	17.2	17.4	26.2#
227	0.0	0.2	0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.057 ng/ul
RT: 25.427 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM049238.D
Acq: 26 Dec 2024 22:56

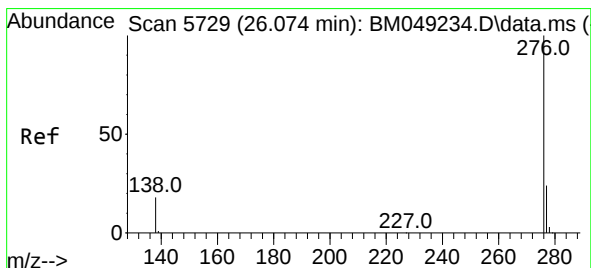
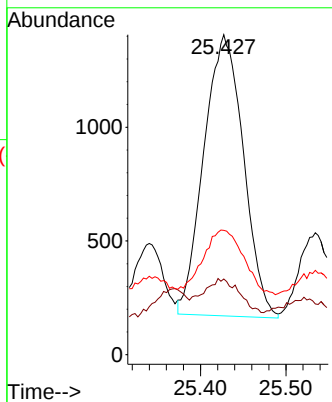
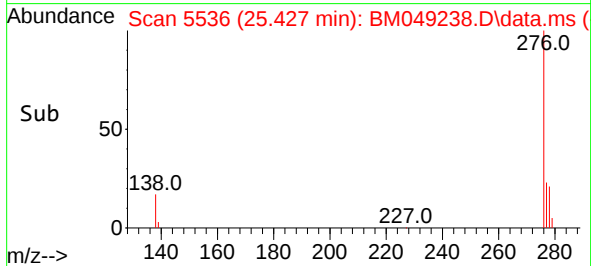
Instrument :
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Tgt Ion:278 Resp: 3972
Ion Ratio Lower Upper
278 100
139 23.7 13.5 20.3
279 38.9 21.5 32.3

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#29
Benzo(g,h,i)perylene
Concen: 0.266 ng/ul
RT: 26.064 min Scan# 5726
Delta R.T. -0.003 min
Lab File: BM049238.D
Acq: 26 Dec 2024 22:56

Tgt Ion:276 Resp: 19339
Ion Ratio Lower Upper
276 100
138 19.8 16.7 25.1
277 25.1 19.9 29.9

