

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
 Data File : BM049237.D
 Acq On : 26 Dec 2024 22:20
 Operator : RC/JU
 Sample : P5333-16DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2918DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 26 23:17:28 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	7.543	152	5523	0.400	ng/ul	0.00
4) Naphthalene-d8	10.304	136	16508	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.183	164	9662	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.934	188	20751	0.400	ng/ul	0.00
17) Chrysene-d12	21.134	240	19659	0.400	ng/ul	0.00
23) Perylene-d12	23.285	264	21481	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	4158	0.653	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.915	152	667	0.030	ng/ul	0.00
18) Fluoranthene-d10	18.965	212	1165	0.021	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.354	128	2503	0.061	ng/ul#	91
7) 2-Methylnaphthalene	11.987	142	2103	0.080	ng/ul	98
8) 1-Methylnaphthalene	12.207	142	942	0.035	ng/ul	96
15) Phenanthrene	16.972	178	10756	0.198	ng/ul	100
16) Anthracene	17.065	178	1717	0.035	ng/ul#	84
19) Fluoranthene	18.997	202	30151	0.424	ng/ul	100
20) Pyrene	19.360	202	34193	0.451	ng/ul	99
21) Benzo(a)anthracene	21.116	228	27181	0.397	ng/ul	98
22) Chrysene	21.169	228	36876m	0.502	ng/ul	
24) Benzo(b)fluoranthene	22.648	252	60971m	0.888	ng/ul	
25) Benzo(k)fluoranthene	22.686	252	24156m	0.321	ng/ul	
26) Benzo(a)pyrene	23.191	252	46414m	0.705	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.410	276	37684	0.405	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.427	278	8599	0.119	ng/ul#	90
29) Benzo(g,h,i)perylene	26.064	276	42044	0.561	ng/ul	97

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

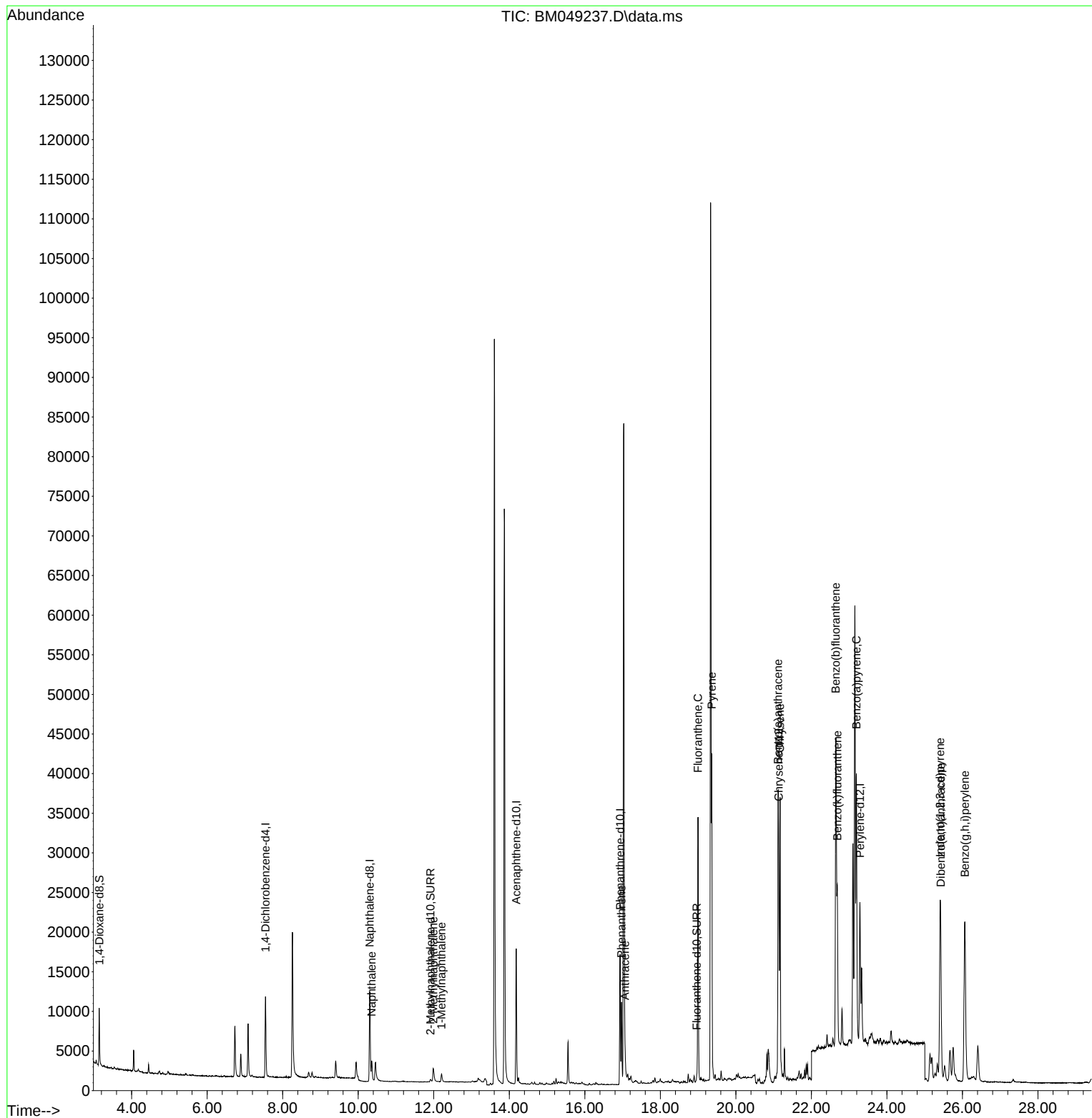
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
Data File : BM049237.D
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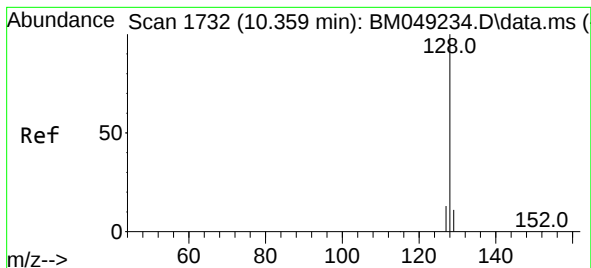
Instrument :
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E2918DL

Quant Time: Dec 26 23:17:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
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#5

Naphthalene

Concen: 0.061 ng/ul

RT: 10.354 min Scan# 1732

Delta R.T. -0.004 min

Lab File: BM049237.D

Acq: 26 Dec 2024 22:20

Instrument :

BNA_M

ClientSampleId :

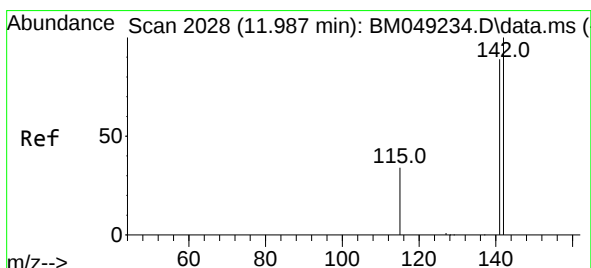
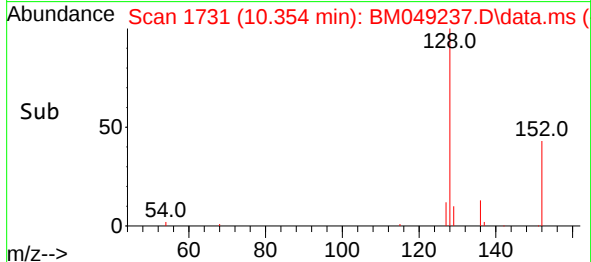
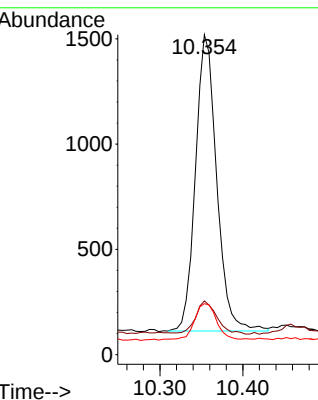
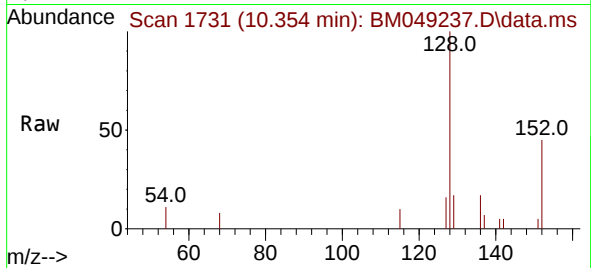
E2918DL

Tgt Ion:128	Resp:	2500
Ion Ratio	Lower	Upper
128	100	
129	16.8	9.7 14.5
127	15.9	10.6 16.0

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#7

2-Methylnaphthalene

Concen: 0.080 ng/ul

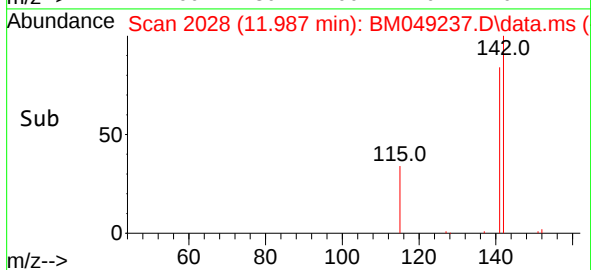
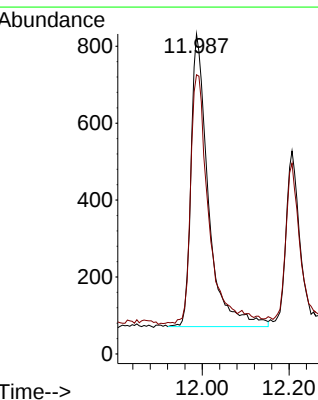
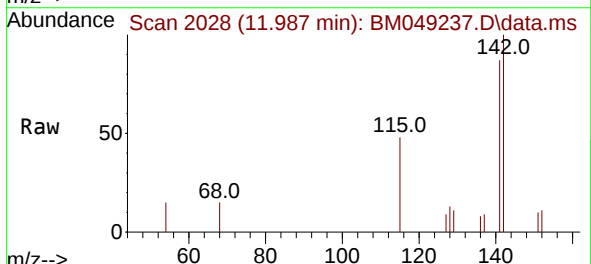
RT: 11.987 min Scan# 2028

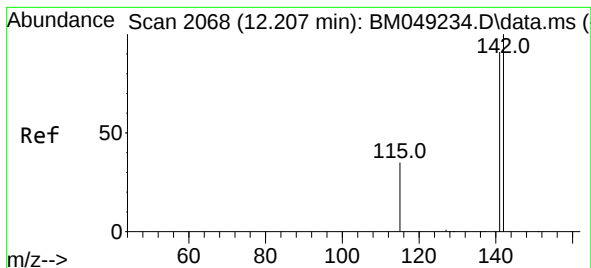
Delta R.T. 0.007 min

Lab File: BM049237.D

Acq: 26 Dec 2024 22:20

Tgt Ion:142	Resp:	2103
Ion Ratio	Lower	Upper
142	100	
141	88.1	71.7 107.5





#8

1-Methylnaphthalene

Concen: 0.035 ng/ul

RT: 12.207 min Scan# 2068

Delta R.T. 0.001 min

Lab File: BM049237.D

Acq: 26 Dec 2024 22:20

Instrument :

BNA_M

ClientSampleId :

E2918DL

Tgt Ion:142 Resp: 94.3

Ion Ratio Lower Upper

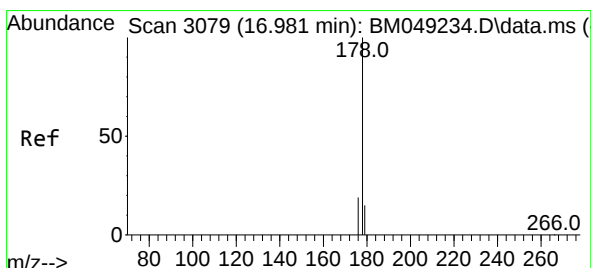
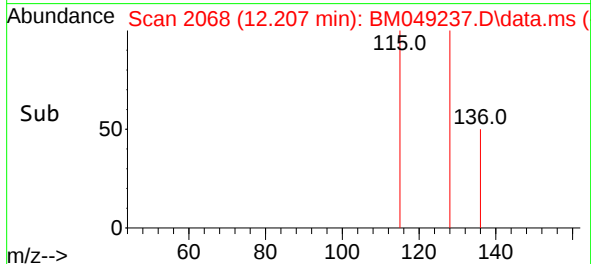
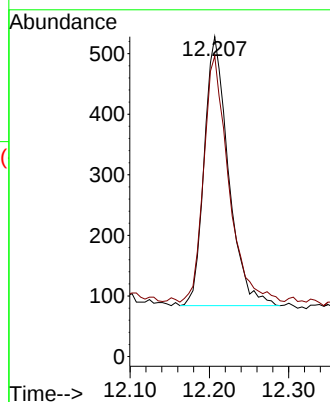
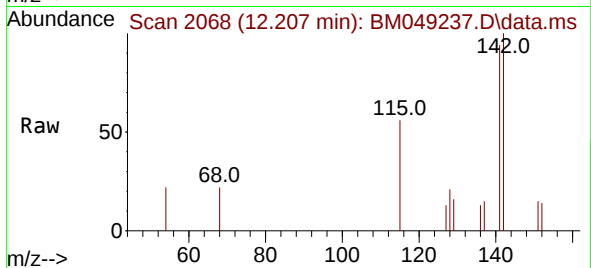
142 100

141 94.3 72.7 109.1

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#15

Phenanthrene

Concen: 0.198 ng/ul

RT: 16.972 min Scan# 3077

Delta R.T. -0.003 min

Lab File: BM049237.D

Acq: 26 Dec 2024 22:20

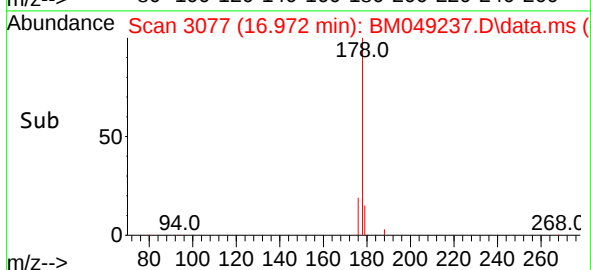
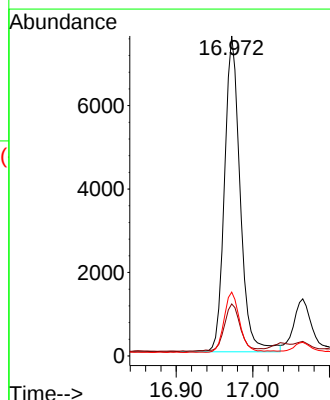
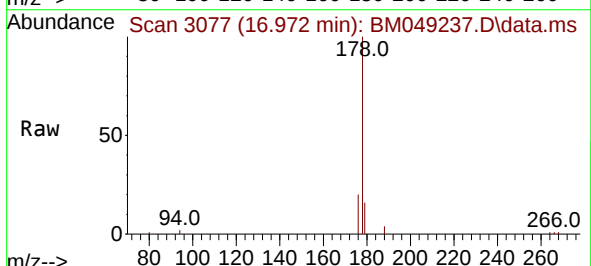
Tgt Ion:178 Resp: 10756

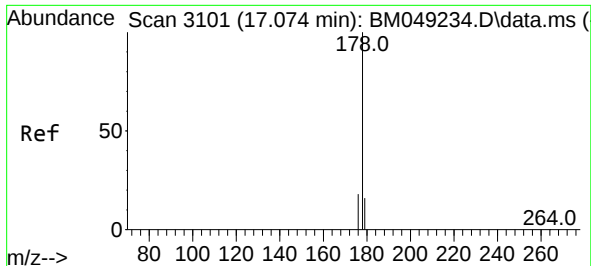
Ion Ratio Lower Upper

178 100

179 16.3 13.0 19.4

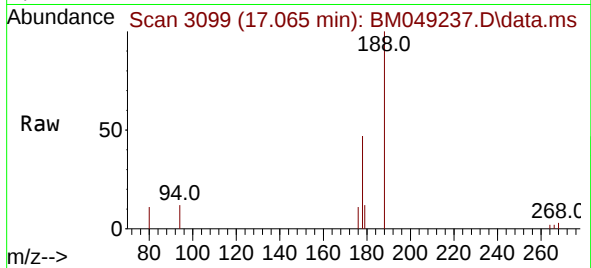
176 19.9 16.2 24.2





#16
 Anthracene
 Concen: 0.035 ng/ul
 RT: 17.065 min Scan# 3099
 Delta R.T. -0.003 min
 Lab File: BM049237.D
 Acq: 26 Dec 2024 22:20

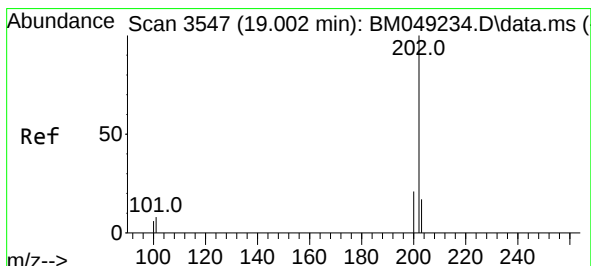
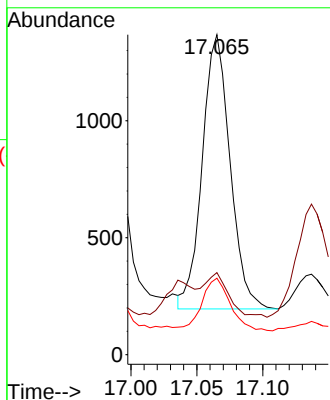
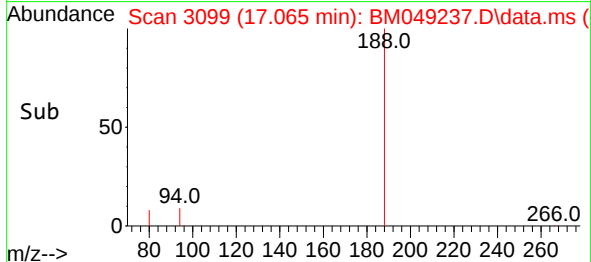
Instrument :
 BNA_M
 ClientSampleId :
 E2918DL



Tgt Ion:178 Resp: 171
 Ion Ratio Lower Upper
 178 100
 179 25.7 12.9 19.3
 176 23.9 15.3 22.9

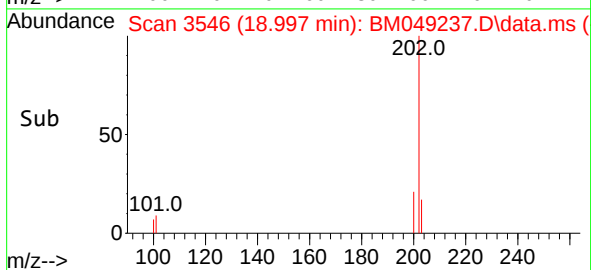
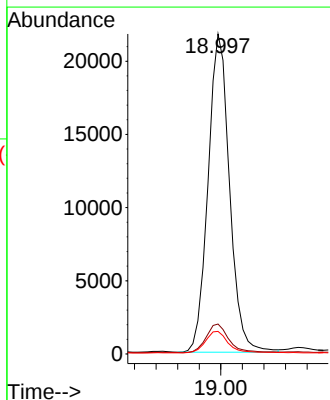
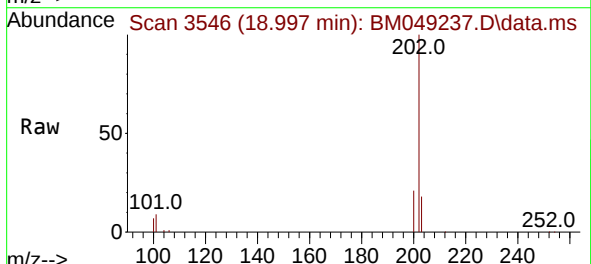
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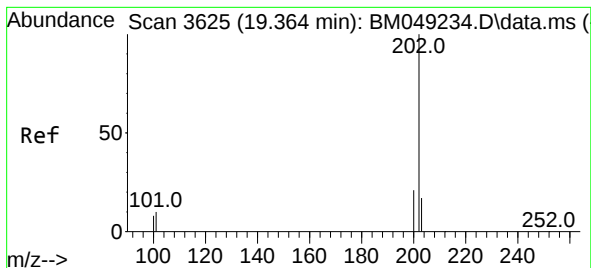
Reviewed By :Jagrut Upadhyay 12/27/2024
 Supervised By :mohammad ahmed 12/30/2024



#19
 Fluoranthene
 Concen: 0.424 ng/ul
 RT: 18.997 min Scan# 3546
 Delta R.T. -0.003 min
 Lab File: BM049237.D
 Acq: 26 Dec 2024 22:20

Tgt Ion:202 Resp: 30151
 Ion Ratio Lower Upper
 202 100
 101 9.4 7.6 11.4
 100 7.1 5.5 8.3





#20

Pyrene

Concen: 0.451 ng/ul

RT: 19.360 min Scan# 3

Delta R.T. -0.003 min

Lab File: BM049237.D

Acq: 26 Dec 2024 22:20

Instrument :

BNA_M

ClientSampleId :

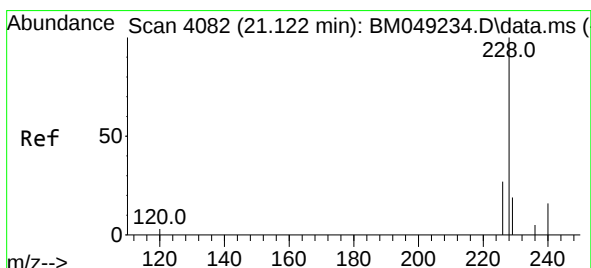
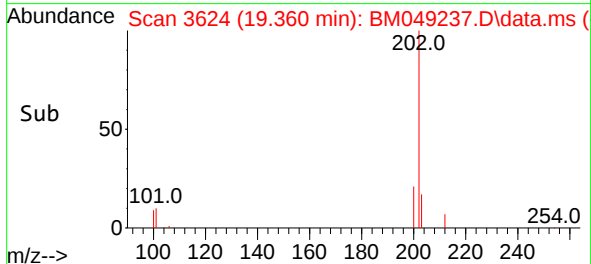
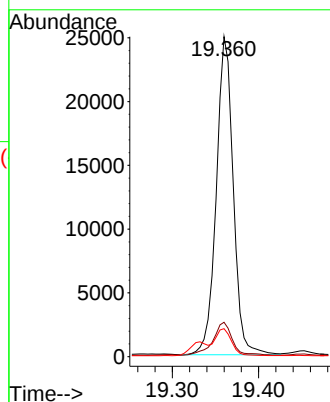
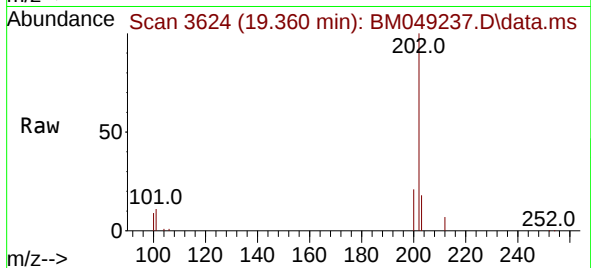
E2918DL

Tgt Ion:	202	Resp:	3419
Ion Ratio	Lower	Upper	
202	100		
101	10.8	8.9	13.3
100	8.7	6.9	10.3

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#21

Benzo(a)anthracene

Concen: 0.397 ng/ul

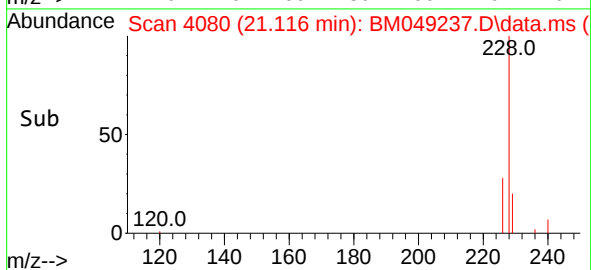
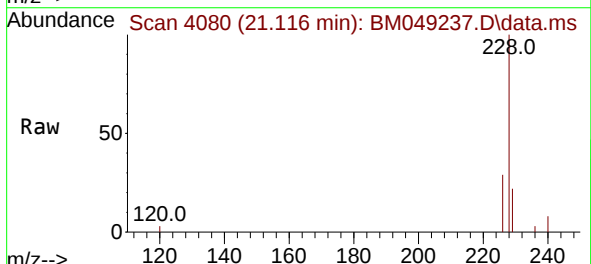
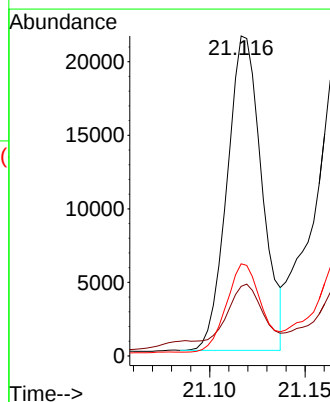
RT: 21.116 min Scan# 4080

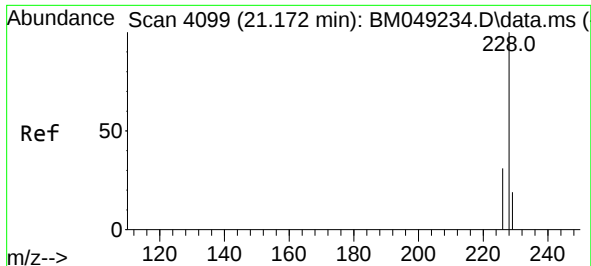
Delta R.T. -0.003 min

Lab File: BM049237.D

Acq: 26 Dec 2024 22:20

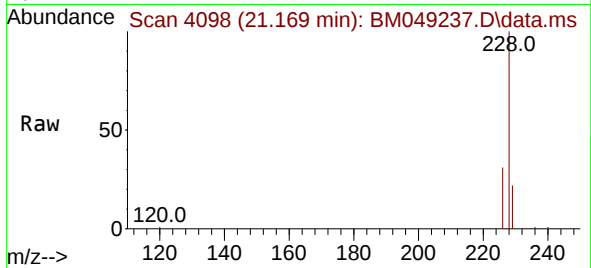
Tgt Ion:	228	Resp:	27181
Ion Ratio	Lower	Upper	
228	100		
229	21.7	15.9	23.9
226	28.8	22.6	34.0





#22
Chrysene
Concen: 0.502 ng/ul m
RT: 21.169 min Scan# 4099
Delta R.T. -0.003 min
Lab File: BM049237.D
Acq: 26 Dec 2024 22:20

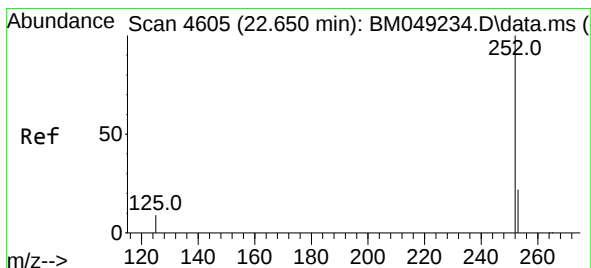
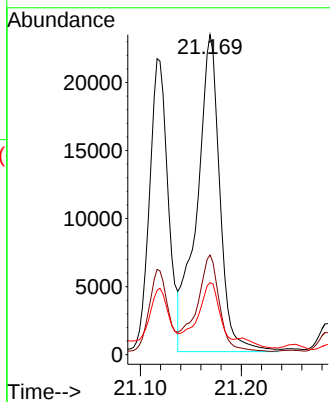
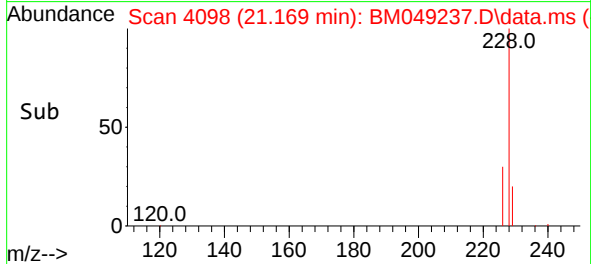
Instrument :
BNA_M
ClientSampleId :
E2918DL



Tgt Ion:228 Resp: 36870
Ion Ratio Lower Upper
228 100
226 31.1 24.1 36.1
229 22.5 15.8 23.8

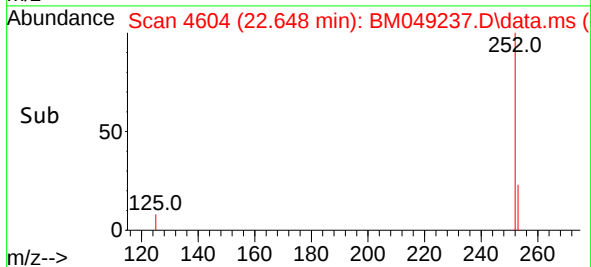
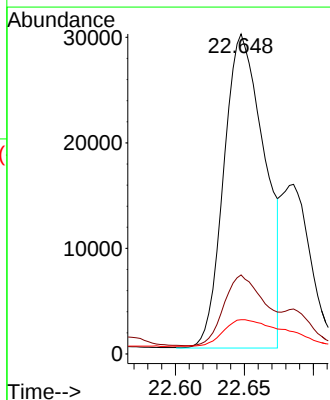
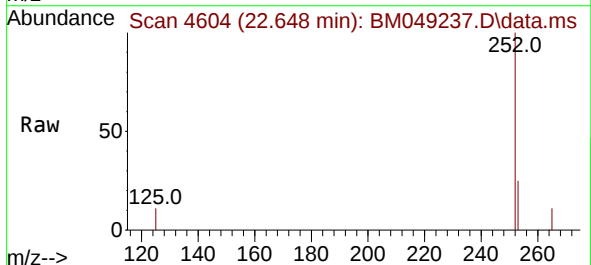
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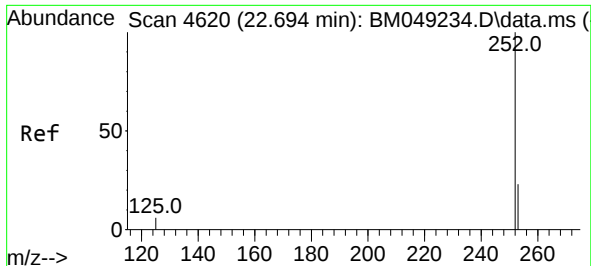
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#24
Benzo(b)fluoranthene
Concen: 0.888 ng/ul m
RT: 22.648 min Scan# 4604
Delta R.T. -0.000 min
Lab File: BM049237.D
Acq: 26 Dec 2024 22:20

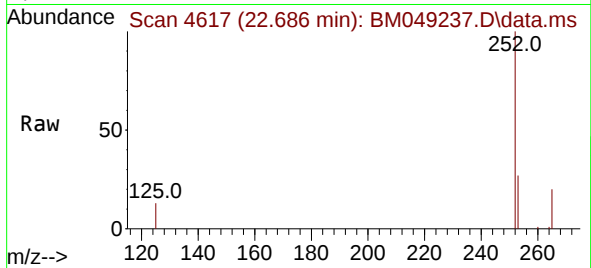
Tgt Ion:252 Resp: 60971
Ion Ratio Lower Upper
252 100
253 24.7 0.0 52.6
125 10.7 0.0 30.8





#25
Benzo(k)fluoranthene
Concen: 0.321 ng/ul m
RT: 22.686 min Scan# 4617
Delta R.T. -0.006 min
Lab File: BM049237.D
Acq: 26 Dec 2024 22:20

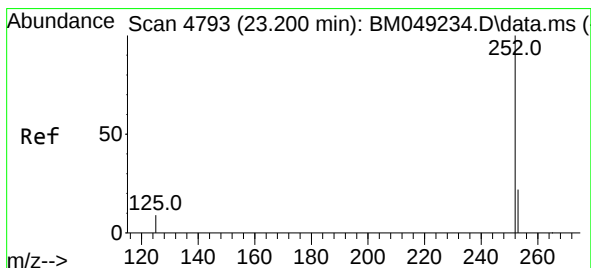
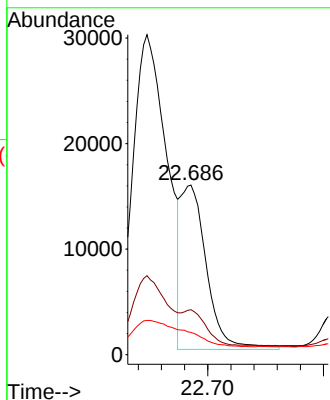
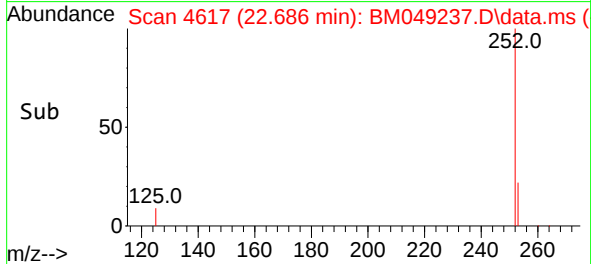
Instrument :
BNA_M
ClientSampleId :
E2918DL



Tgt Ion:252 Resp: 24150
Ion Ratio Lower Upper
252 100
253 26.5 21.3 31.9
125 13.1 12.6 18.8

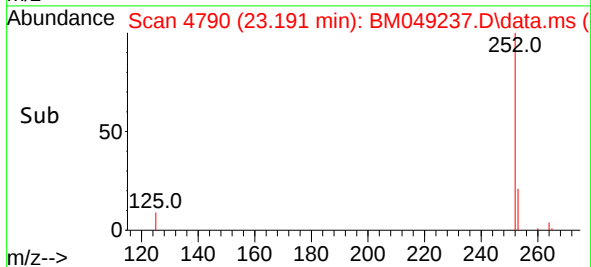
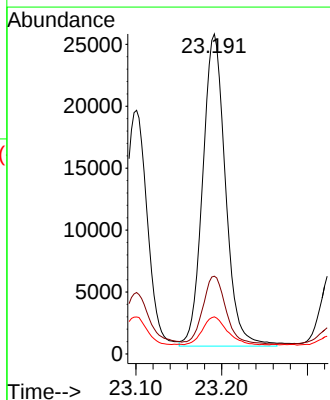
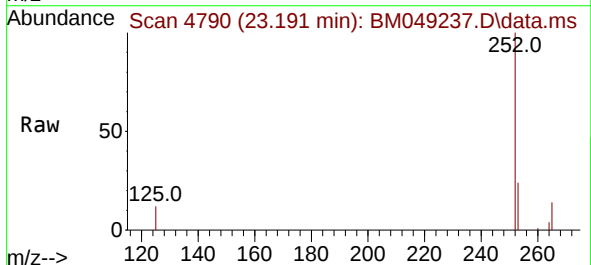
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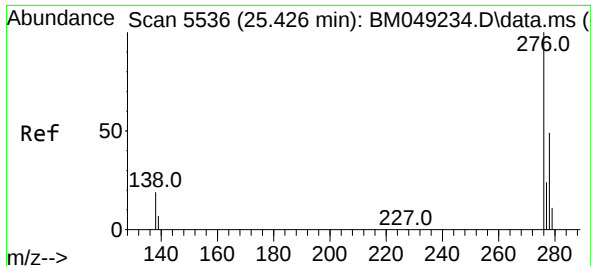
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#26
Benzo(a)pyrene
Concen: 0.705 ng/ul m
RT: 23.191 min Scan# 4790
Delta R.T. -0.000 min
Lab File: BM049237.D
Acq: 26 Dec 2024 22:20

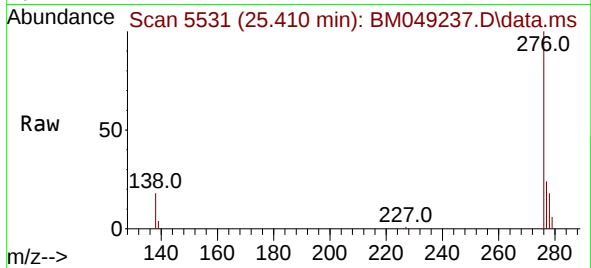
Tgt Ion:252 Resp: 46414
Ion Ratio Lower Upper
252 100
253 24.3 22.4 33.6
125 11.6 14.8 22.2#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.405 ng/ul
RT: 25.410 min Scan# 5531
Delta R.T. -0.007 min
Lab File: BM049237.D
Acq: 26 Dec 2024 22:20

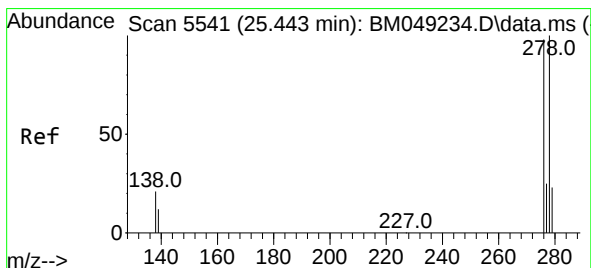
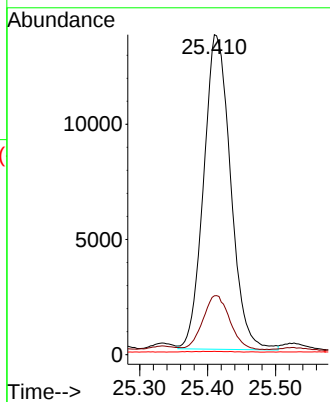
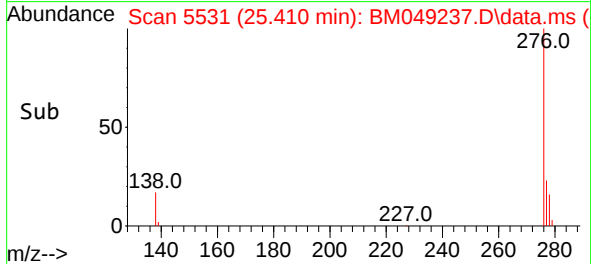
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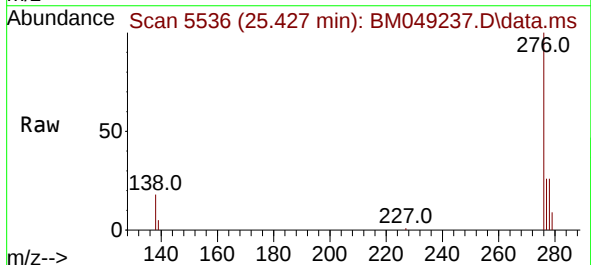
Tgt Ion:276 Resp: 37684
Ion Ratio Lower Upper
276 100
138 17.3 17.4 26.2
227 0.2 0.2 0.2

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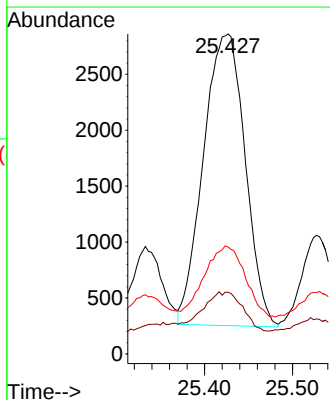
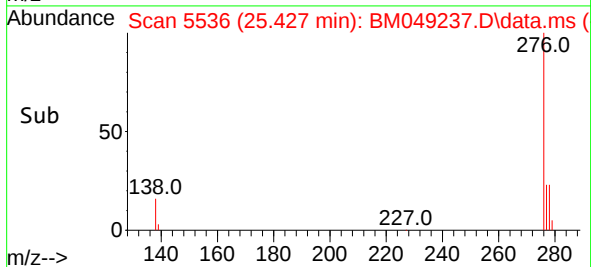
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024

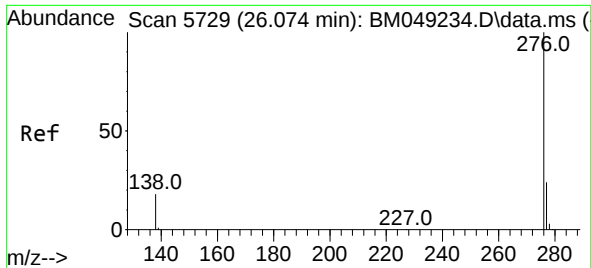


#28
Dibenzo(a,h)anthracene
Concen: 0.119 ng/ul
RT: 25.427 min Scan# 5536
Delta R.T. -0.010 min
Lab File: BM049237.D
Acq: 26 Dec 2024 22:20



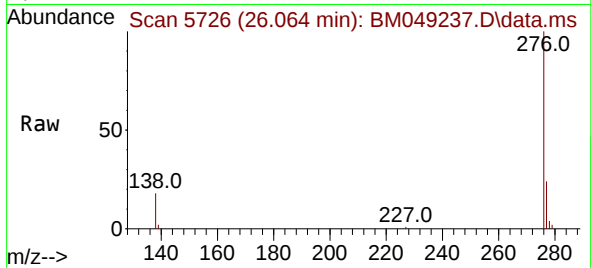
Tgt Ion:278 Resp: 8599
Ion Ratio Lower Upper
278 100
139 19.3 13.5 20.3
279 33.4 21.5 32.3





#29
Benzo(g,h,i)perylene
Concen: 0.561 ng/ul
RT: 26.064 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM049237.D
Acq: 26 Dec 2024 22:20

Instrument :
BNA_M
ClientSampleId :
E2918DL



Tgt Ion:276 Resp: 42044
Ion Ratio Lower Upper
276 100
138 18.5 16.7 25.1
277 24.0 19.9 29.9

Manual Integrations
APPROVED

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