

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
 Data File : BM049230.D
 Acq On : 26 Dec 2024 17:34
 Operator : RC/JU
 Sample : P5333-17DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2919DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 26 21:58:54 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	7.548	152	5399	0.400	ng/ul	0.00
4) Naphthalene-d8	10.310	136	17117	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.183	164	10775	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.930	188	24179	0.400	ng/ul	0.00
17) Chrysene-d12	21.134	240	21368	0.400	ng/ul	0.00
23) Perylene-d12	23.288	264	22445	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	4161	0.668	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.915	152	812	0.035	ng/ul	0.00
18) Fluoranthene-d10	18.970	212	1695	0.028	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.354	128	2490	0.058	ng/ul#	90
7) 2-Methylnaphthalene	11.987	142	1991	0.073	ng/ul	98
8) 1-Methylnaphthalene	12.207	142	848	0.031	ng/ul	93
11) Acenaphthene	14.248	153	667	0.020	ng/ul#	92
15) Phenanthrene	16.972	178	9950	0.158	ng/ul	99
16) Anthracene	17.065	178	1802	0.031	ng/ul#	83
19) Fluoranthene	18.998	202	36728	0.475	ng/ul	99
20) Pyrene	19.360	202	44271	0.537	ng/ul	99
21) Benzo(a)anthracene	21.120	228	37614	0.506	ng/ul	98
22) Chrysene	21.169	228	47611	0.597	ng/ul	98
24) Benzo(b)fluoranthene	22.651	252	88790m	1.238	ng/ul	
25) Benzo(k)fluoranthene	22.689	252	27655m	0.351	ng/ul	
26) Benzo(a)pyrene	23.194	252	62728m	0.912	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.413	276	49243	0.506	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.427	278	11300	0.149	ng/ul	94
29) Benzo(g,h,i)perylene	26.067	276	54500	0.696	ng/ul	97

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

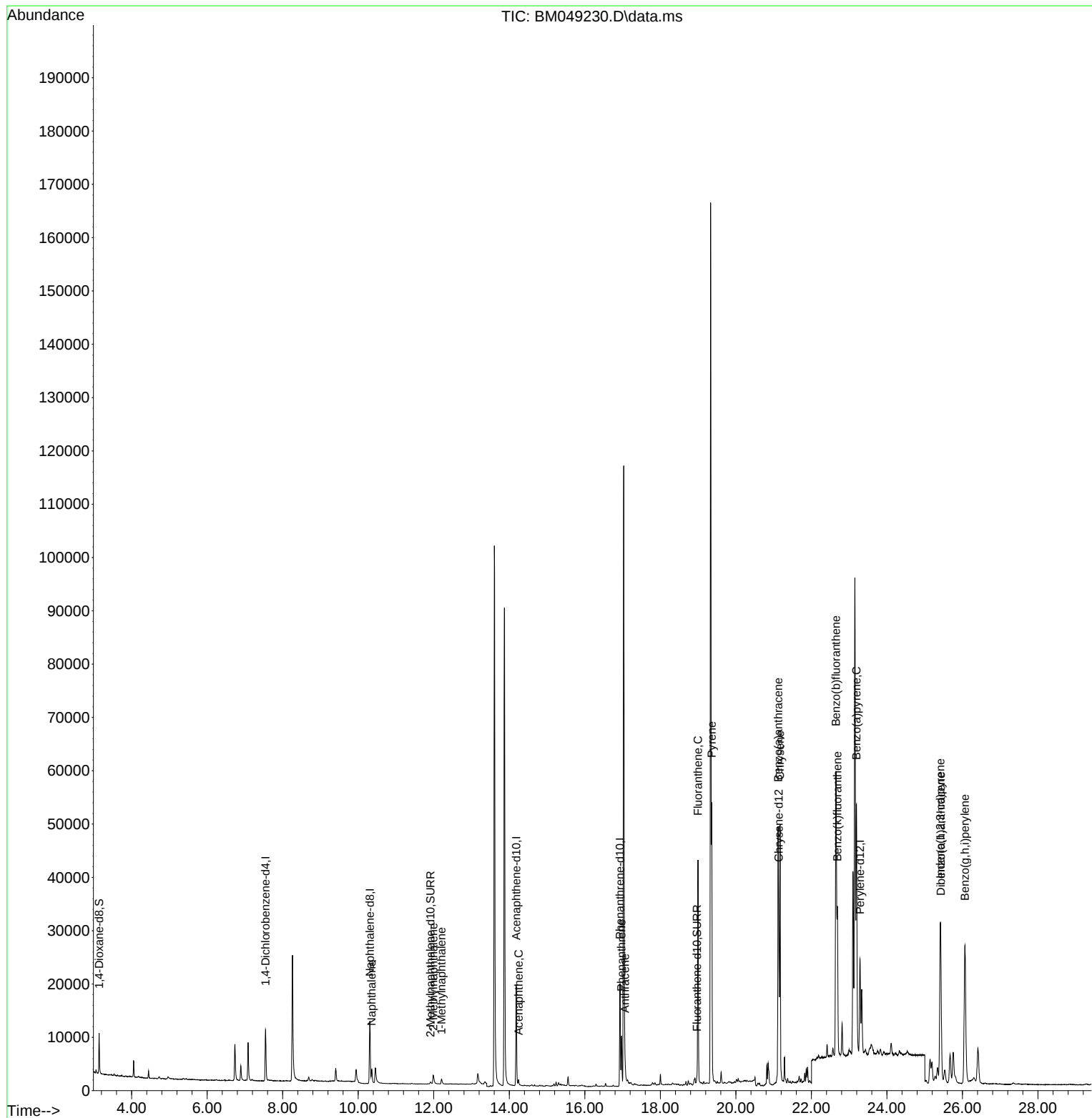
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
Data File : BM049230.D
Acq On : 26 Dec 2024 17:34
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Sample : P5333-17DL 5X
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ALS Vial : 14 Sample Multiplier: 1

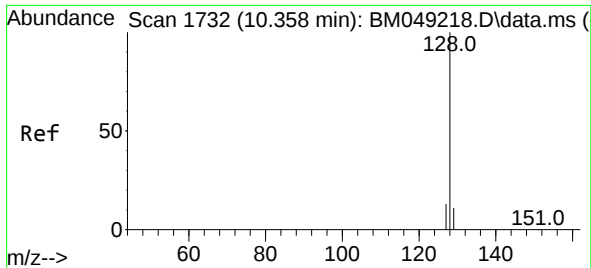
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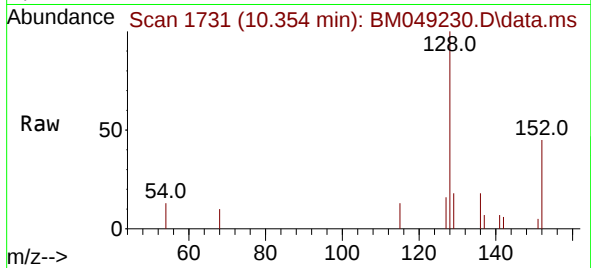
Quant Time: Dec 26 21:58:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.058 ng/ul
RT: 10.354 min Scan# 1732
Delta R.T. -0.004 min
Lab File: BM049230.D
Acq: 26 Dec 2024 17:34

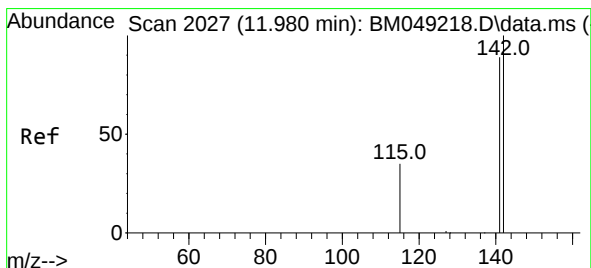
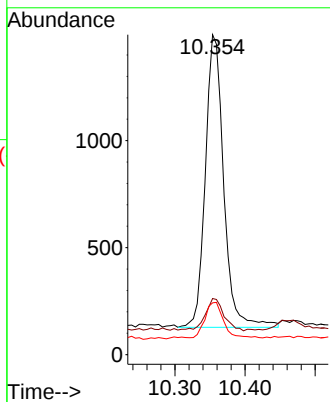
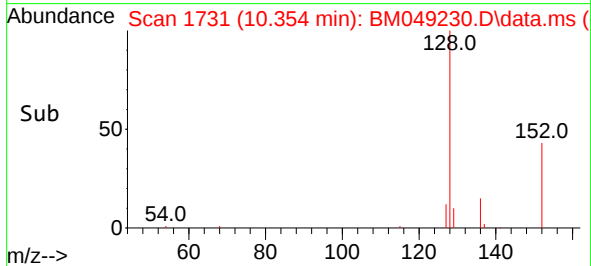
Instrument :
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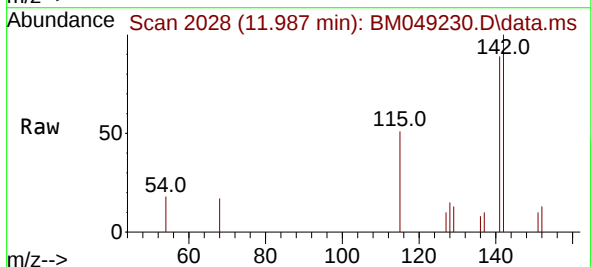
Tgt Ion:128 Resp: 2490
Ion Ratio Lower Upper
128 100
129 17.5 9.7 14.5
127 16.2 10.6 16.0

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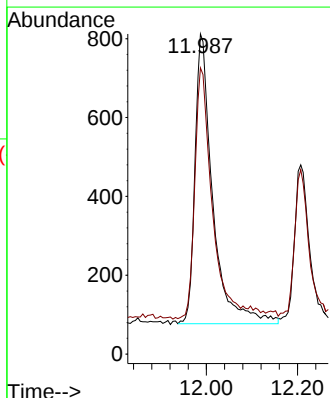
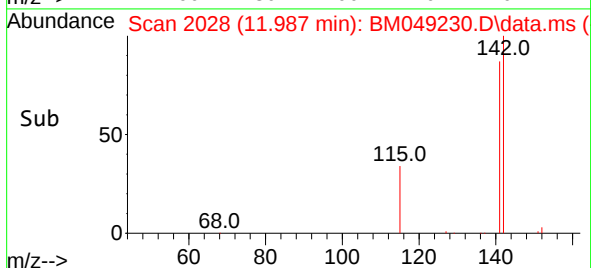
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024

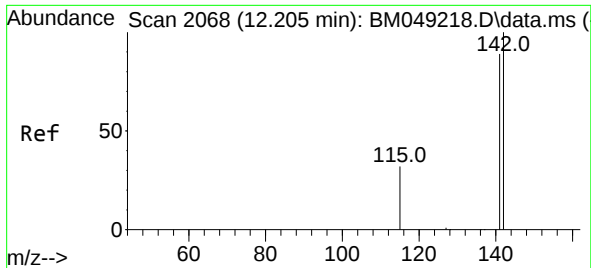


#7
2-Methylnaphthalene
Concen: 0.073 ng/ul
RT: 11.987 min Scan# 2028
Delta R.T. 0.007 min
Lab File: BM049230.D
Acq: 26 Dec 2024 17:34



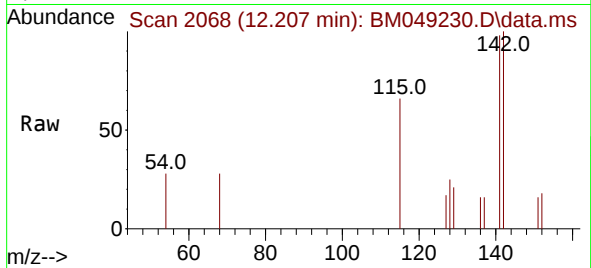
Tgt Ion:142 Resp: 1991
Ion Ratio Lower Upper
142 100
141 87.8 71.7 107.5





#8
1-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.207 min Scan# 2068
Delta R.T. 0.001 min
Lab File: BM049230.D
Acq: 26 Dec 2024 17:34

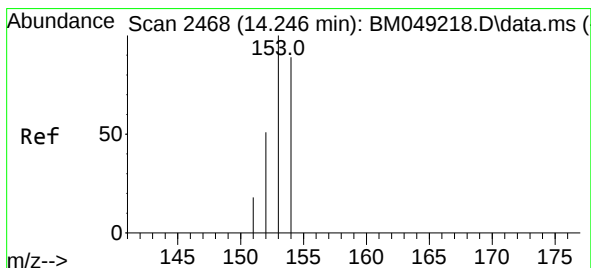
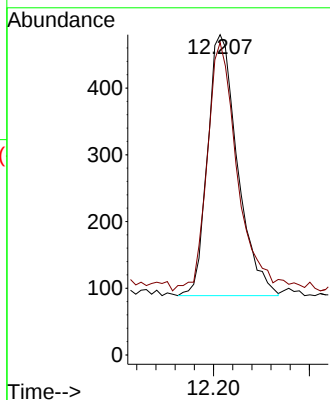
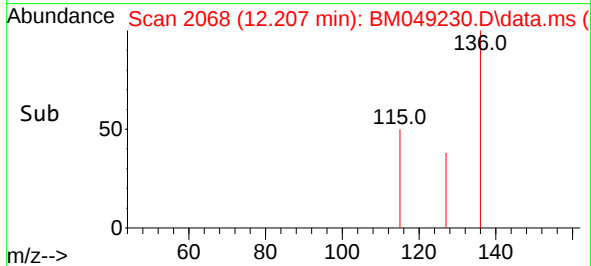
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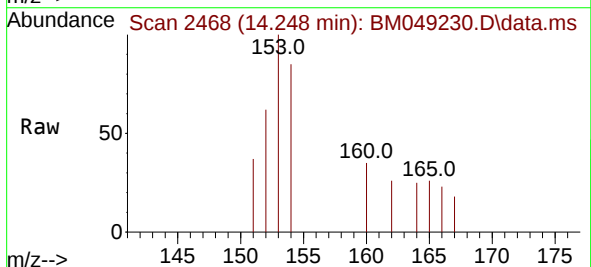
Tgt Ion:142 Resp: 848
Ion Ratio Lower Upper
142 100
141 97.4 72.7 109.1

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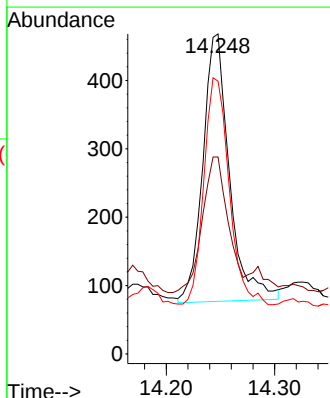
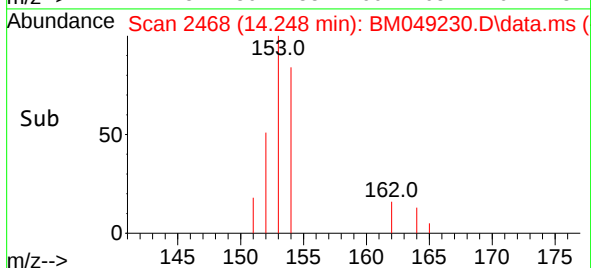
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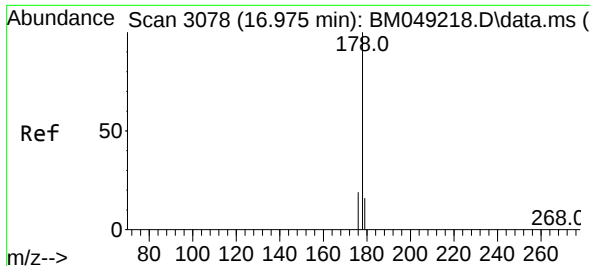


#11
Acenaphthene
Concen: 0.020 ng/ul
RT: 14.248 min Scan# 2468
Delta R.T. 0.001 min
Lab File: BM049230.D
Acq: 26 Dec 2024 17:34



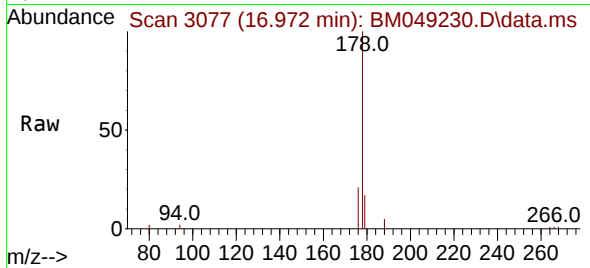
Tgt Ion:153 Resp: 667
Ion Ratio Lower Upper
153 100
152 61.5 40.7 61.1#
154 85.3 70.8 106.2





#15
Phenanthrene
Concen: 0.158 ng/u1
RT: 16.972 min Scan# 3078
Delta R.T. -0.003 min
Lab File: BM049230.D
Acq: 26 Dec 2024 17:34

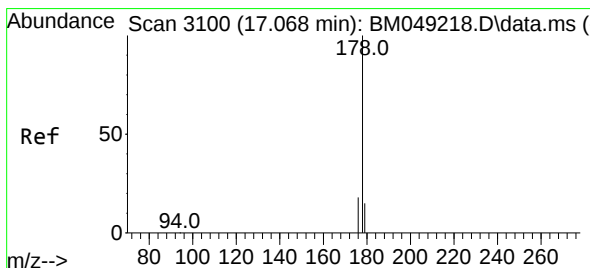
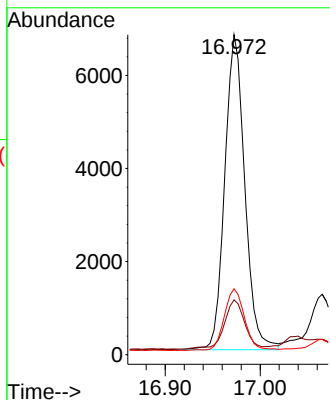
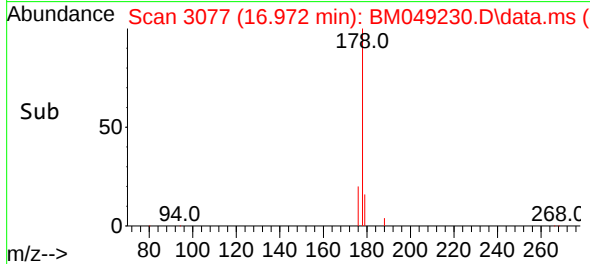
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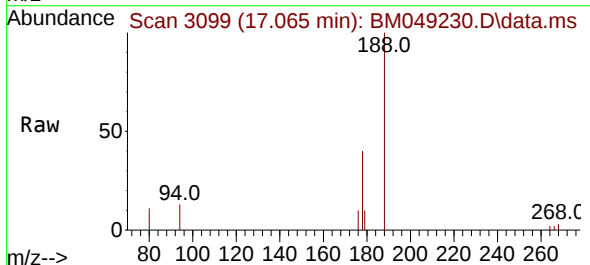
Tgt Ion:178 Resp: 9950
Ion Ratio Lower Upper
178 100
179 17.1 13.0 19.4
176 20.6 16.2 24.2

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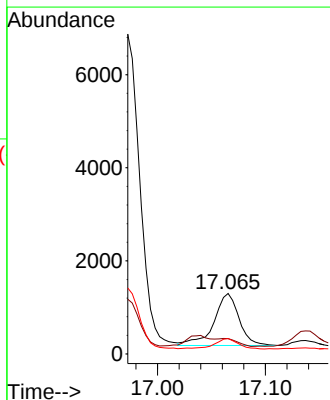
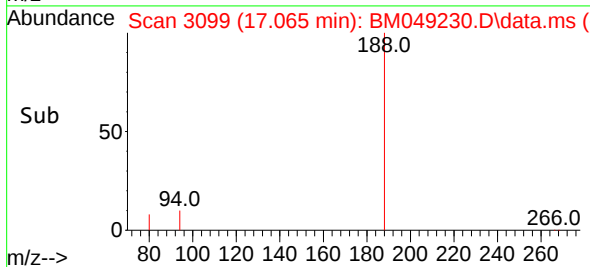
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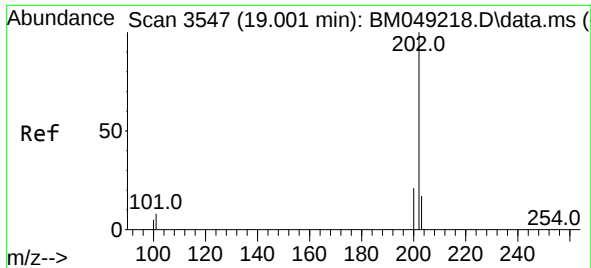


#16
Anthracene
Concen: 0.031 ng/u1
RT: 17.065 min Scan# 3099
Delta R.T. -0.003 min
Lab File: BM049230.D
Acq: 26 Dec 2024 17:34



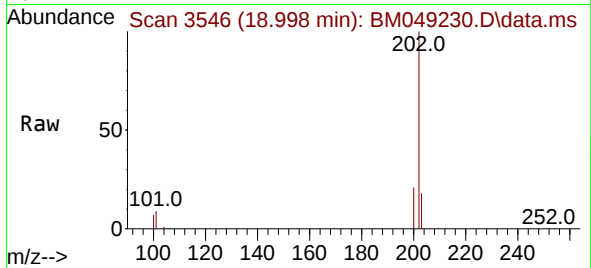
Tgt Ion:178 Resp: 1802
Ion Ratio Lower Upper
178 100
179 25.3 12.9 19.3#
176 25.4 15.3 22.9#





#19
Fluoranthene
Concen: 0.475 ng/u1
RT: 18.998 min Scan# 3547
Delta R.T. -0.003 min
Lab File: BM049230.D
Acq: 26 Dec 2024 17:34

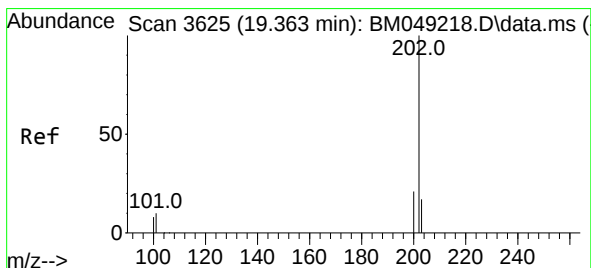
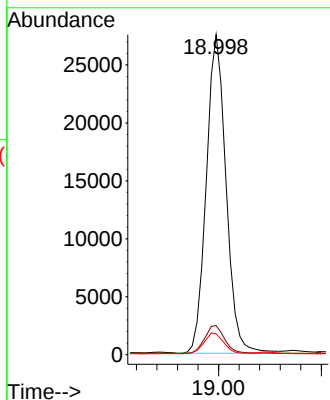
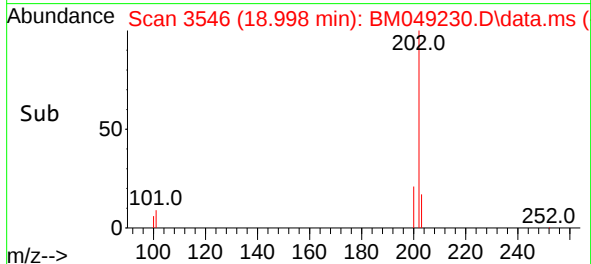
Instrument :
BNA_M
ClientSampleId :
E2919DL



Tgt Ion:202 Resp: 36728
Ion Ratio Lower Upper
202 100
101 9.1 7.6 11.4
100 6.5 5.5 8.3

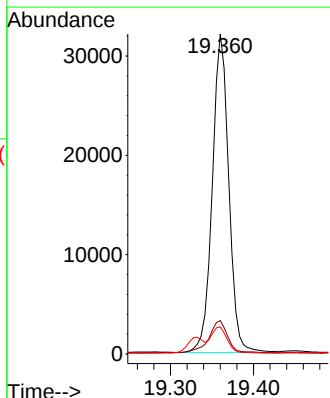
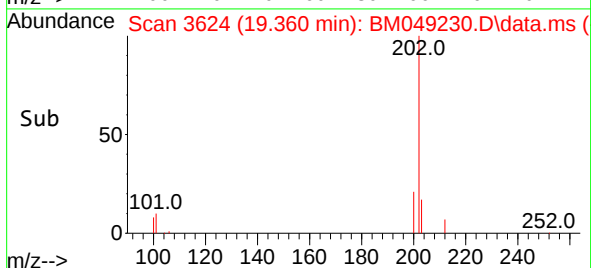
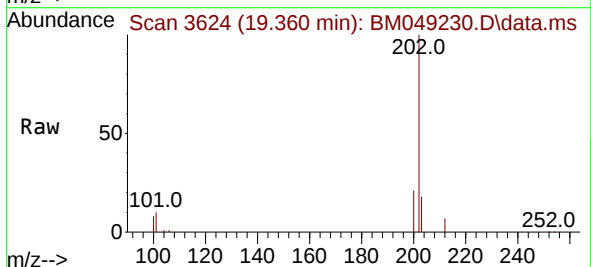
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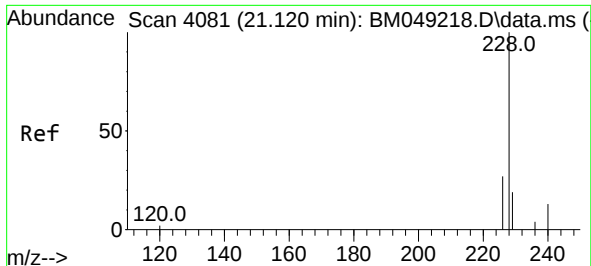
Reviewed By :Jagrut Upadhyay 12/27/2024
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#20
Pyrene
Concen: 0.537 ng/u1
RT: 19.360 min Scan# 3624
Delta R.T. -0.003 min
Lab File: BM049230.D
Acq: 26 Dec 2024 17:34

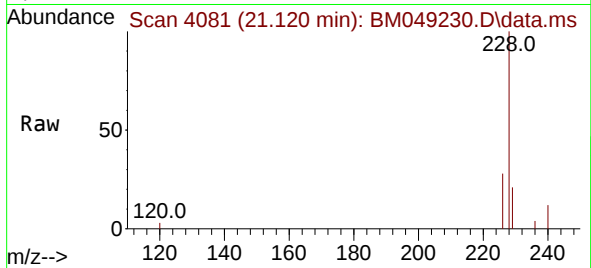
Tgt Ion:202 Resp: 44271
Ion Ratio Lower Upper
202 100
101 10.4 8.9 13.3
100 8.5 6.9 10.3





#21
Benzo(a)anthracene
Concen: 0.506 ng/ul
RT: 21.120 min Scan# 4081
Delta R.T. -0.000 min
Lab File: BM049230.D
Acq: 26 Dec 2024 17:34

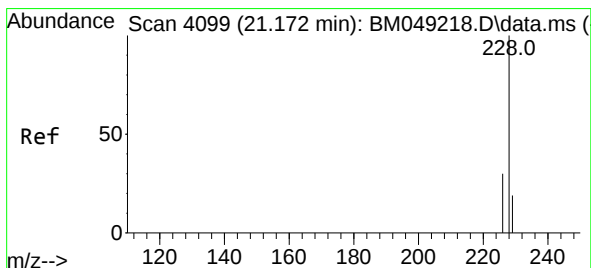
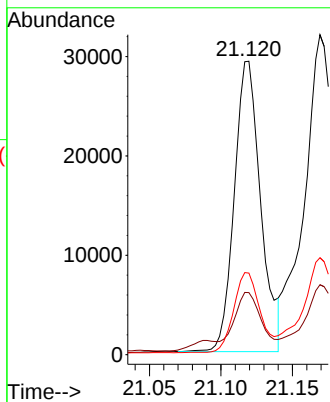
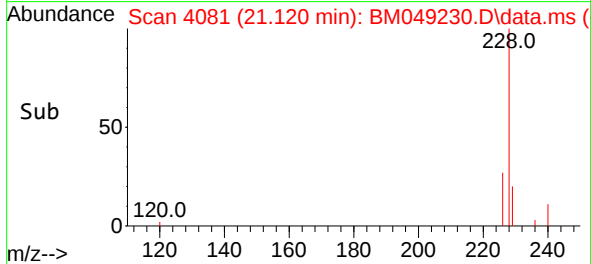
Instrument :
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Tgt Ion:228 Resp: 37614
Ion Ratio Lower Upper
228 100
229 21.1 15.9 23.9
226 27.8 22.6 34.0

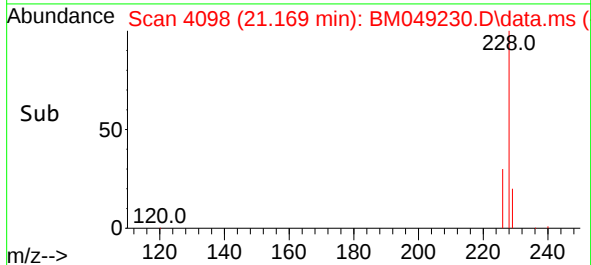
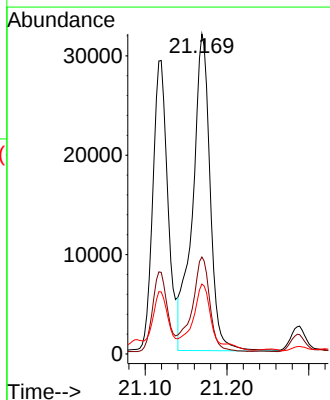
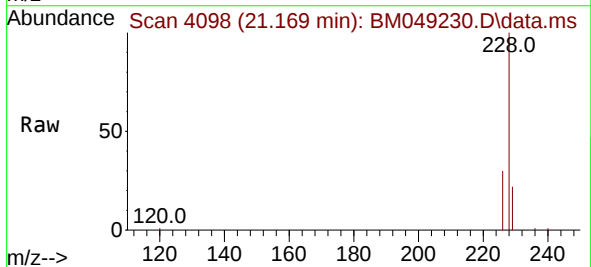
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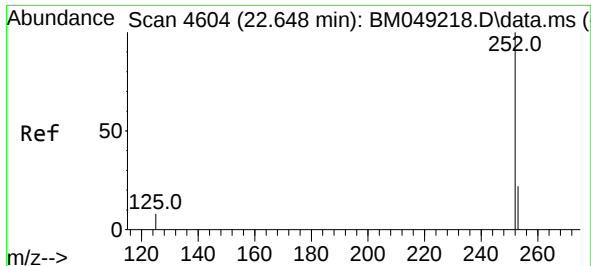
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#22
Chrysene
Concen: 0.597 ng/ul
RT: 21.169 min Scan# 4098
Delta R.T. -0.003 min
Lab File: BM049230.D
Acq: 26 Dec 2024 17:34

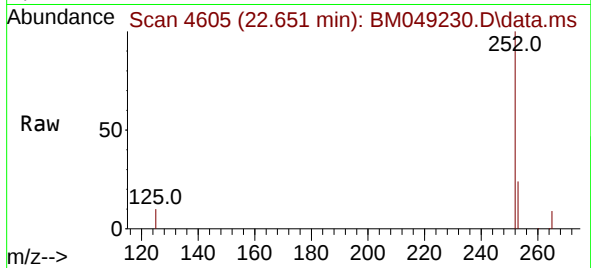
Tgt Ion:228 Resp: 47611
Ion Ratio Lower Upper
228 100
226 30.3 24.1 36.1
229 21.9 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 1.238 ng/ul m
RT: 22.651 min Scan# 4605
Delta R.T. 0.003 min
Lab File: BM049230.D
Acq: 26 Dec 2024 17:34

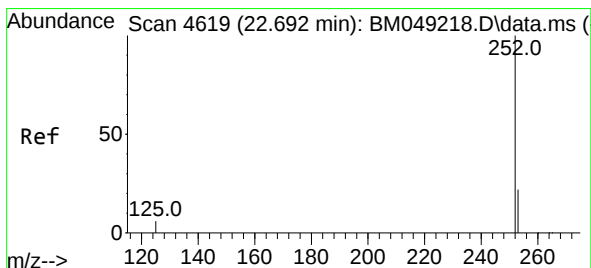
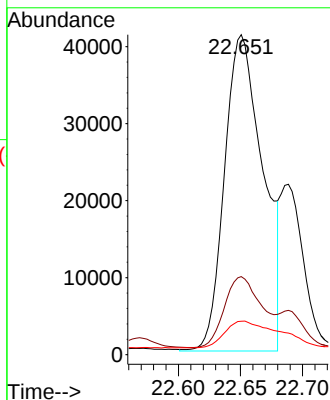
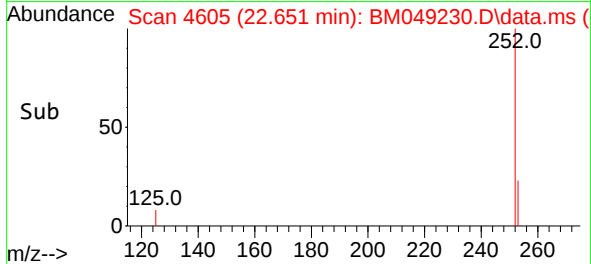
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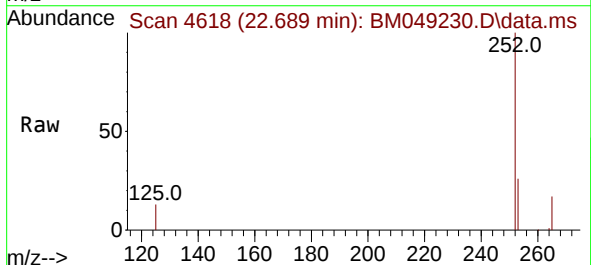
Tgt Ion:252 Resp: 88790
Ion Ratio Lower Upper
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253 24.4 0.0 52.6
125 10.4 0.0 30.8

Manual Integrations
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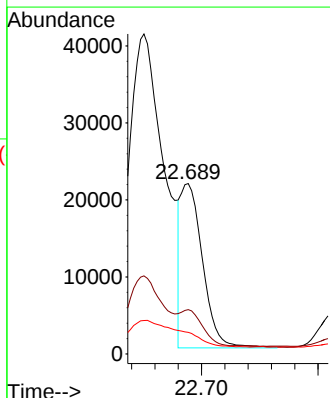
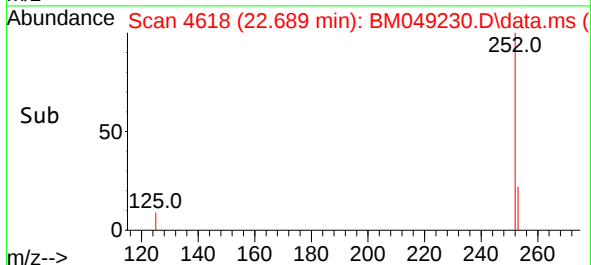
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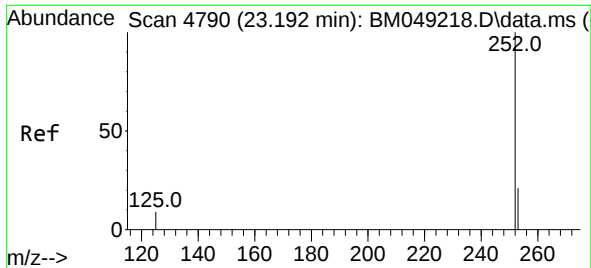


#25
Benzo(k)fluoranthene
Concen: 0.351 ng/ul m
RT: 22.689 min Scan# 4618
Delta R.T. -0.003 min
Lab File: BM049230.D
Acq: 26 Dec 2024 17:34



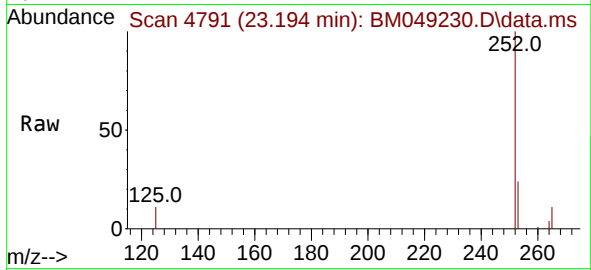
Tgt Ion:252 Resp: 27655
Ion Ratio Lower Upper
252 100
253 26.0 21.3 31.9
125 12.6 12.6 18.8





#26
Benzo(a)pyrene
Concen: 0.912 ng/ul m
RT: 23.194 min Scan# 4790
Delta R.T. 0.003 min
Lab File: BM049230.D
Acq: 26 Dec 2024 17:34

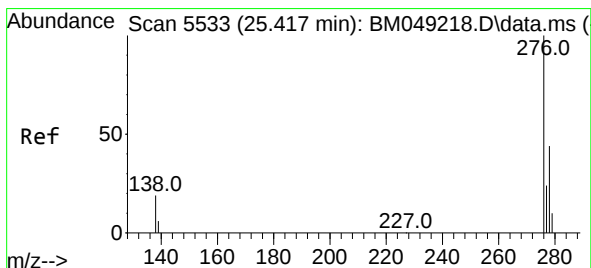
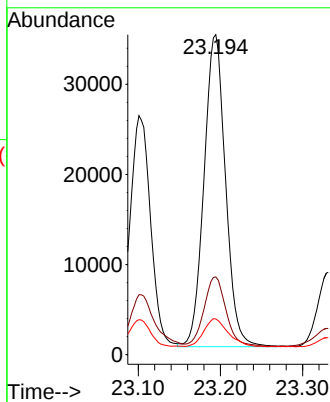
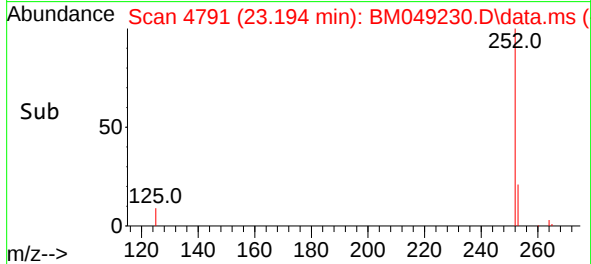
Instrument :
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Tgt Ion:252 Resp: 62728
Ion Ratio Lower Upper
252 100
253 24.3 22.4 33.6
125 11.2 14.8 22.2

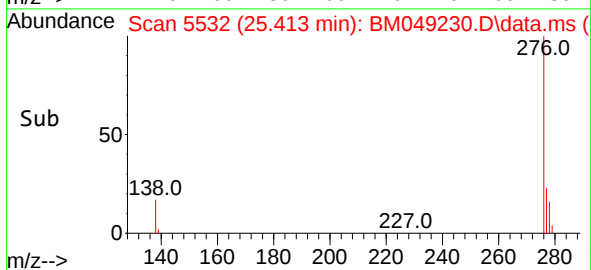
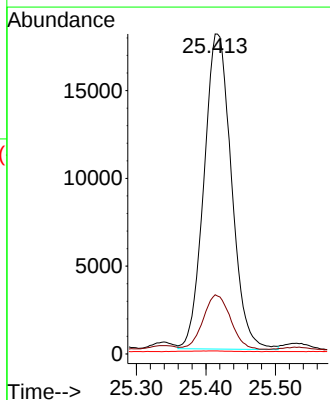
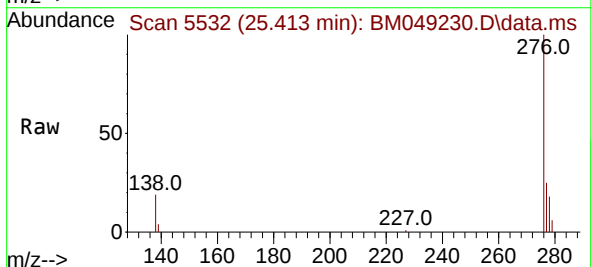
Manual Integrations
APPROVED

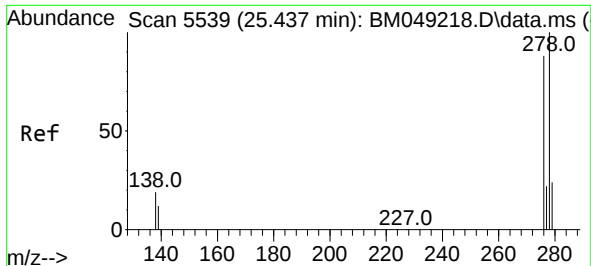
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.506 ng/ul
RT: 25.413 min Scan# 5532
Delta R.T. -0.004 min
Lab File: BM049230.D
Acq: 26 Dec 2024 17:34

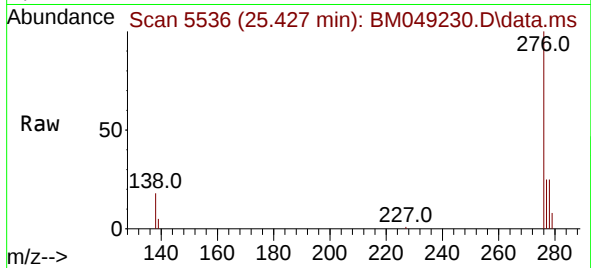
Tgt Ion:276 Resp: 49243
Ion Ratio Lower Upper
276 100
138 17.4 17.4 26.2#
227 0.3 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.149 ng/ul
RT: 25.427 min Scan# 5130
Delta R.T. -0.010 min
Lab File: BM049230.D
Acq: 26 Dec 2024 17:34

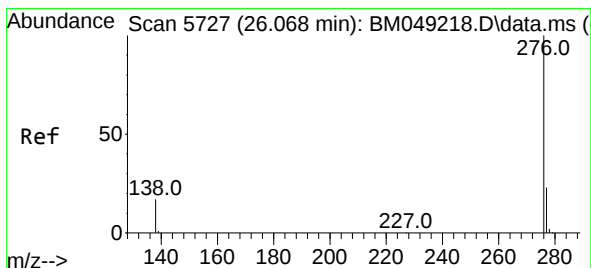
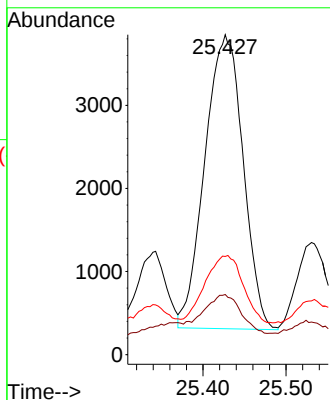
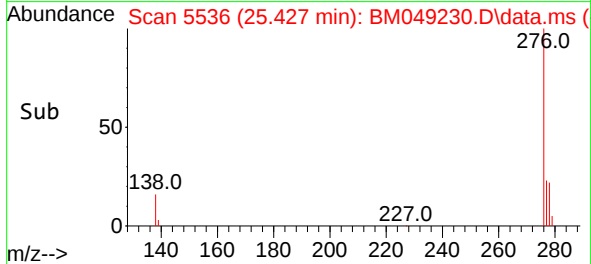
Instrument :
BNA_M
ClientSampleId :
E2919DL



Tgt Ion:278 Resp: 11300
Ion Ratio Lower Upper
278 100
139 18.8 13.5 20.3
279 30.7 21.5 32.3

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#29
Benzo(g,h,i)perylene
Concen: 0.696 ng/ul
RT: 26.067 min Scan# 5727
Delta R.T. -0.000 min
Lab File: BM049230.D
Acq: 26 Dec 2024 17:34

Tgt Ion:276 Resp: 54500
Ion Ratio Lower Upper
276 100
138 18.6 16.7 25.1
277 24.2 19.9 29.9

