

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
 Data File : BM049228.D
 Acq On : 26 Dec 2024 16:22
 Operator : RC/JU
 Sample : P5333-06DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2909DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 26 21:58:30 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	5494	0.400	ng/ul	0.00
4) Naphthalene-d8	10.308	136	17073	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.181	164	10715	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.933	188	24332	0.400	ng/ul	0.00
17) Chrysene-d12	21.134	240	21761	0.400	ng/ul	0.00
23) Perylene-d12	23.288	264	23325	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.138	96	5000	0.789	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.908	152	1085	0.047	ng/ul	0.00
18) Fluoranthene-d10	18.968	212	2516	0.041	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.358	128	2003	0.047	ng/ul#	81
7) 2-Methylnaphthalene	11.980	142	941	0.035	ng/ul	93
8) 1-Methylnaphthalene	12.205	142	706	0.025	ng/ul	95
10) Acenaphthylene	13.899	152	1430	0.032	ng/ul#	69
12) Fluorene	15.241	166	1329	0.036	ng/ul#	92
15) Phenanthrene	16.971	178	15980	0.251	ng/ul	100
16) Anthracene	17.064	178	3306	0.057	ng/ul#	91
19) Fluoranthene	19.001	202	41391	0.526	ng/ul	98
20) Pyrene	19.363	202	38278	0.456	ng/ul	98
21) Benzo(a)anthracene	21.120	228	18861	0.249	ng/ul	97
22) Chrysene	21.169	228	21019	0.259	ng/ul	97
24) Benzo(b)fluoranthene	22.651	252	27618m	0.371	ng/ul	
25) Benzo(k)fluoranthene	22.689	252	9971m	0.122	ng/ul	
26) Benzo(a)pyrene	23.195	252	17641	0.247	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.417	276	13723	0.136	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.430	278	3171	0.040	ng/ul#	63
29) Benzo(g,h,i)perylene	26.068	276	15244	0.187	ng/ul	98

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

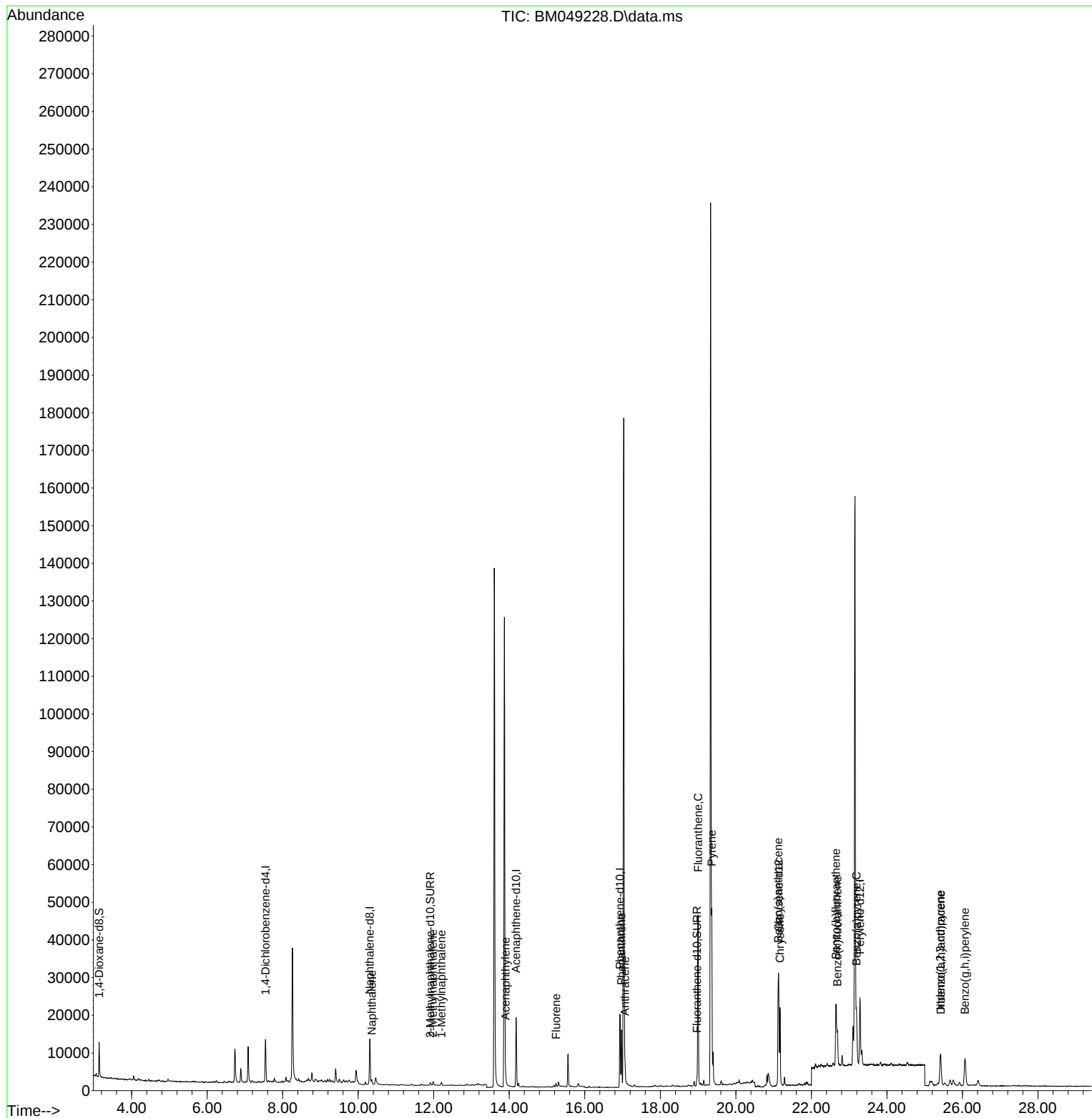
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
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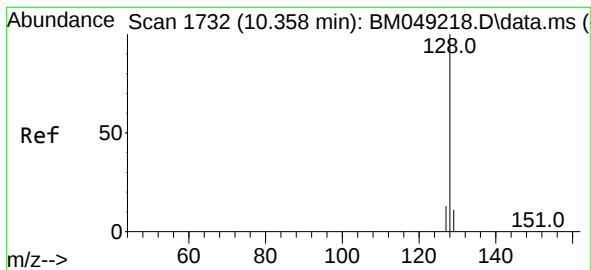
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Quant Time: Dec 26 21:58:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
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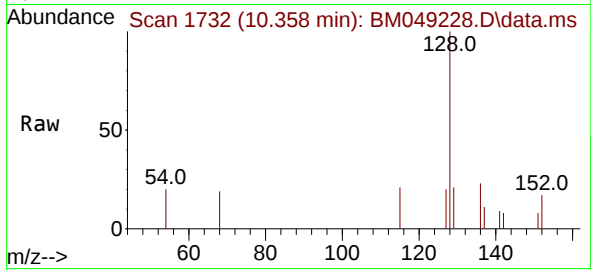
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024





#5
Naphthalene
Concen: 0.047 ng/ul
RT: 10.358 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BM049228.D
Acq: 26 Dec 2024 16:22

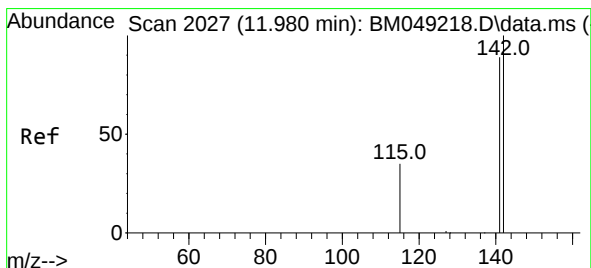
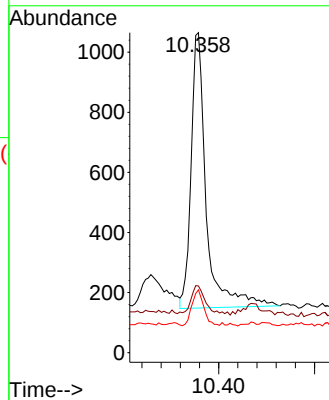
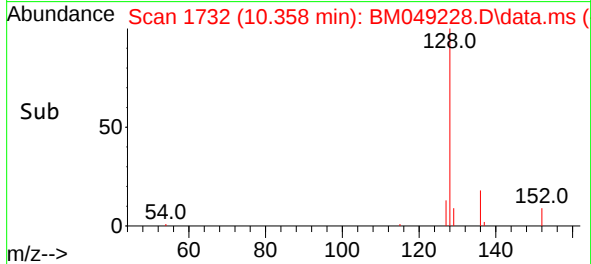
Instrument :
BNA_M
ClientSampleId :
E2909DL



Tgt Ion:128 Resp: 2000
Ion Ratio Lower Upper
128 100
129 20.8 9.7 14.5
127 19.6 10.6 16.0

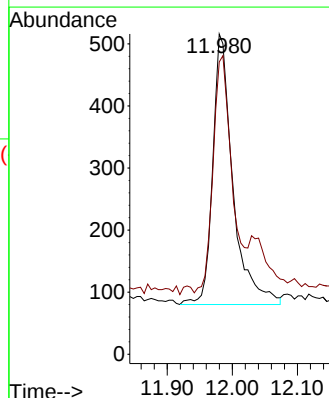
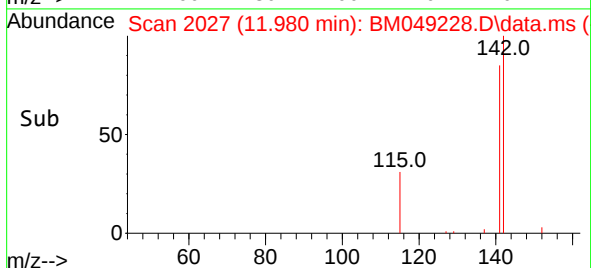
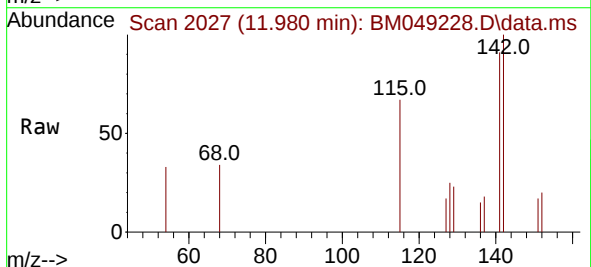
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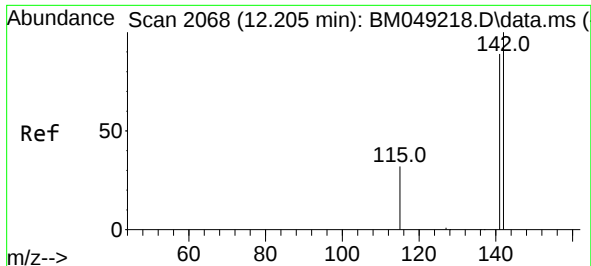
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 11.980 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BM049228.D
Acq: 26 Dec 2024 16:22

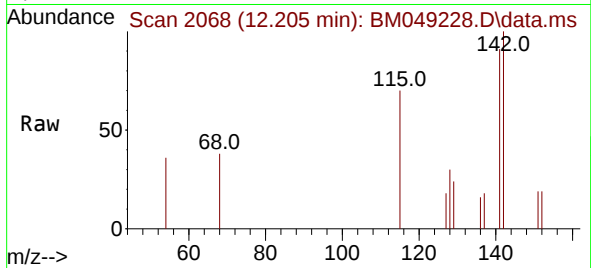
Tgt Ion:142 Resp: 941
Ion Ratio Lower Upper
142 100
141 83.0 71.7 107.5





#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.205 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BM049228.D
Acq: 26 Dec 2024 16:22

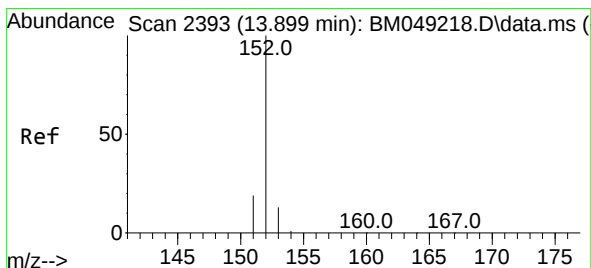
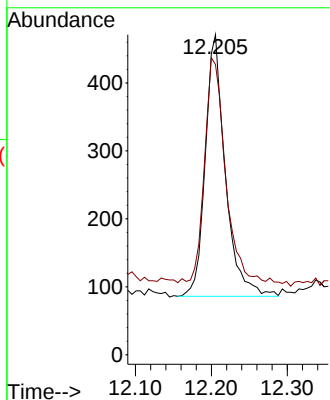
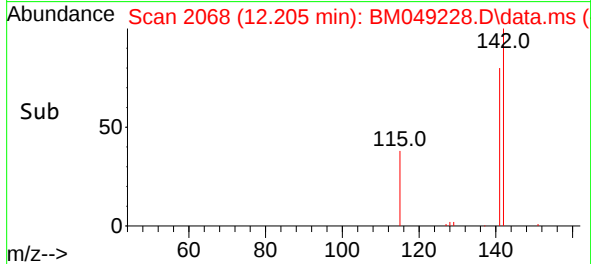
Instrument :
BNA_M
ClientSampleId :
E2909DL



Tgt Ion:142 Resp: 700
Ion Ratio Lower Upper
142 100
141 95.6 72.7 109.1

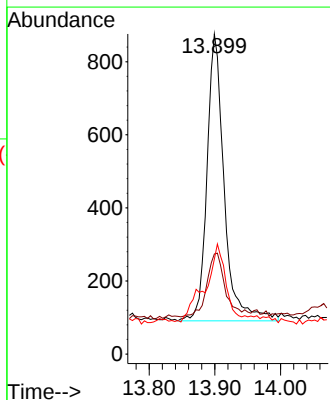
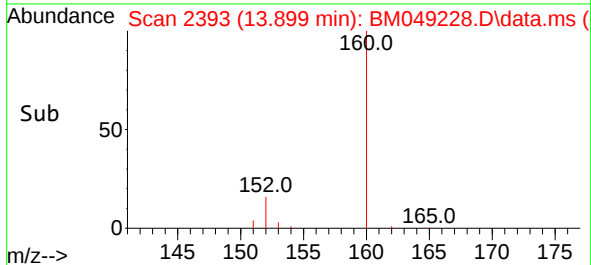
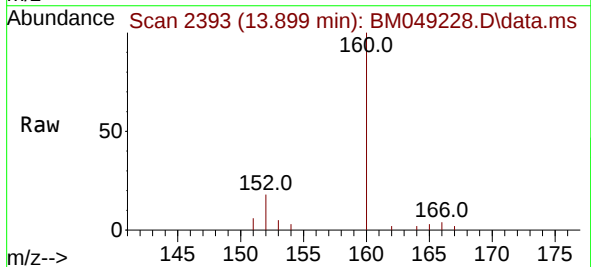
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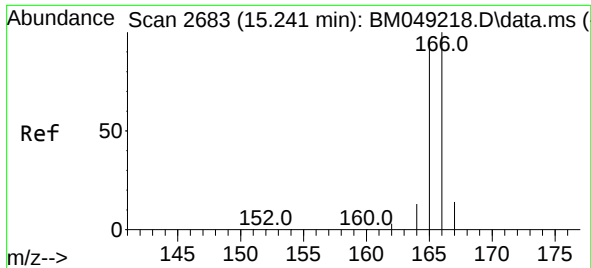
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#10
Acenaphthylene
Concen: 0.032 ng/ul
RT: 13.899 min Scan# 2393
Delta R.T. -0.000 min
Lab File: BM049228.D
Acq: 26 Dec 2024 16:22

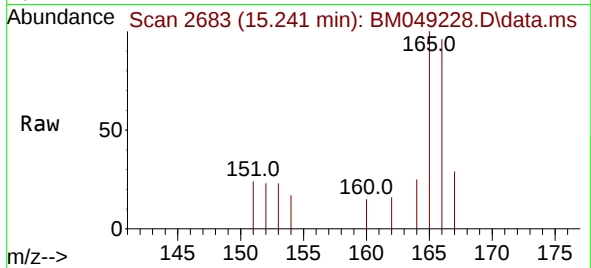
Tgt Ion:152 Resp: 1430
Ion Ratio Lower Upper
152 100
151 31.3 16.0 24.0#
153 29.7 11.0 16.6#





#12
Fluorene
Concen: 0.036 ng/ul
RT: 15.241 min Scan# 2683
Delta R.T. -0.000 min
Lab File: BM049228.D
Acq: 26 Dec 2024 16:22

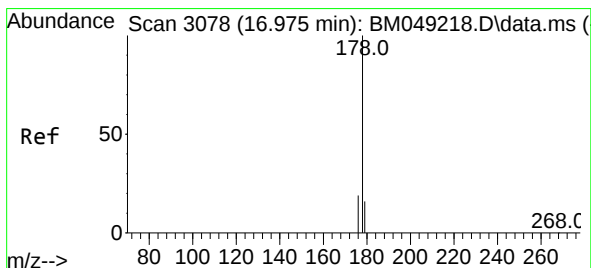
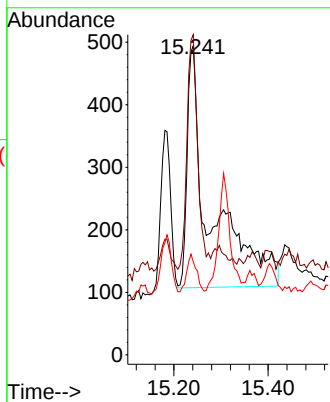
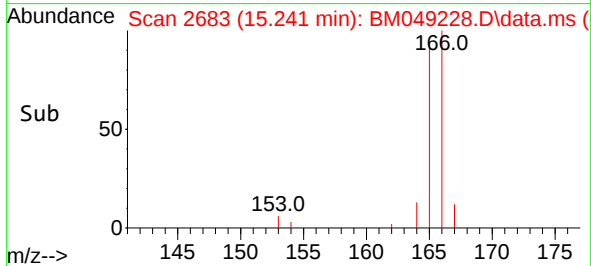
Instrument :
BNA_M
ClientSampleId :
E2909DL



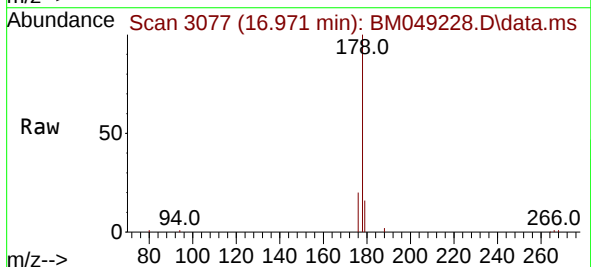
Tgt Ion:166 Resp: 1329
Ion Ratio Lower Upper
166 100
165 103.6 79.7 119.5
167 30.2 11.4 17.0

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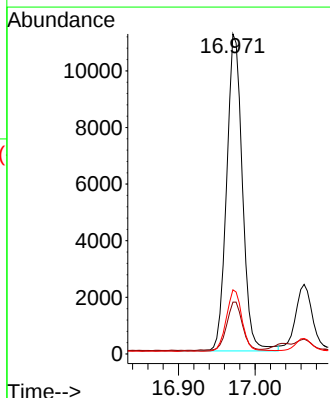
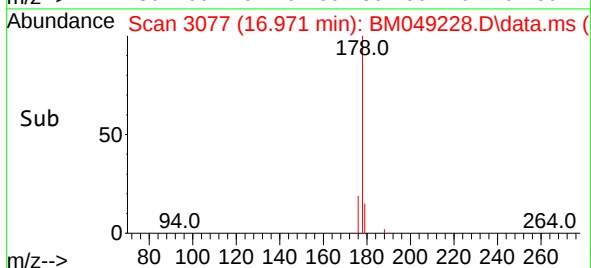
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024

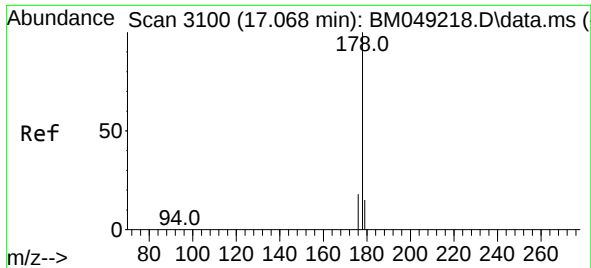


#15
Phenanthrene
Concen: 0.251 ng/ul
RT: 16.971 min Scan# 3077
Delta R.T. -0.004 min
Lab File: BM049228.D
Acq: 26 Dec 2024 16:22



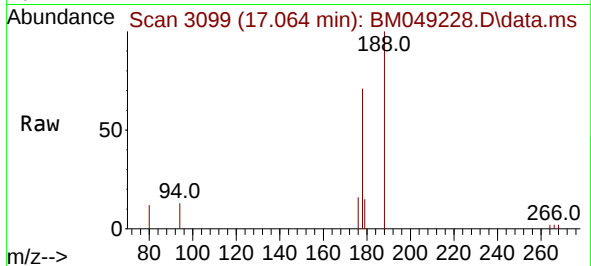
Tgt Ion:178 Resp: 15980
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.4
176 20.0 16.2 24.2





#16
 Anthracene
 Concen: 0.057 ng/ul
 RT: 17.064 min Scan# 3099
 Delta R.T. -0.004 min
 Lab File: BM049228.D
 Acq: 26 Dec 2024 16:22

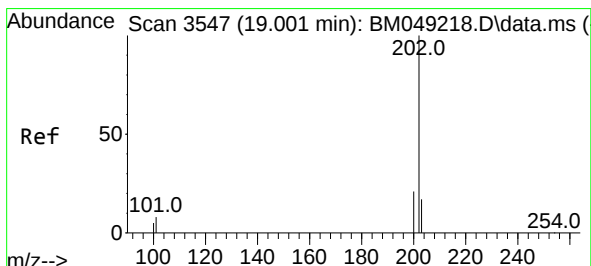
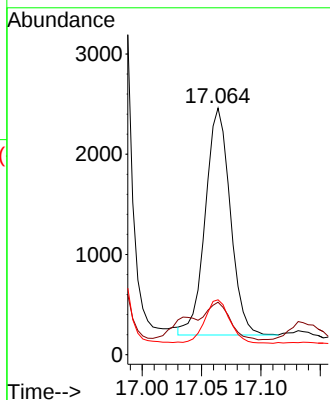
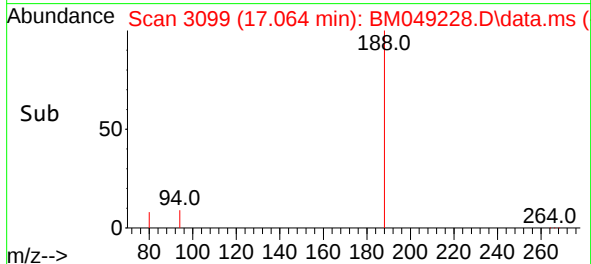
Instrument :
 BNA_M
 ClientSampleId :
 E2909DL



Tgt Ion:	178	Resp:	3300
Ion Ratio	Lower	Upper	
178	100		
179	21.3	12.9	19.3
176	22.2	15.3	22.9

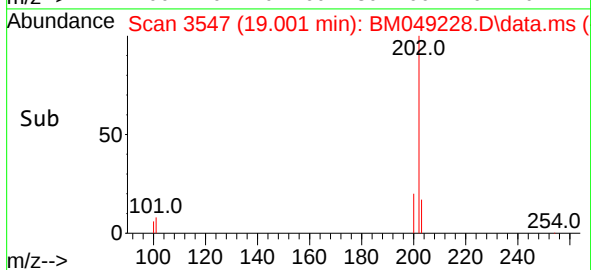
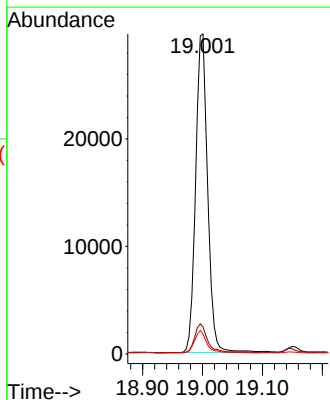
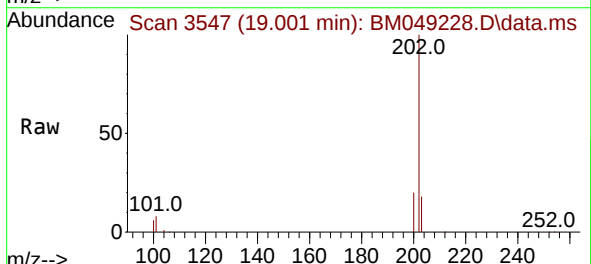
Manual Integrations
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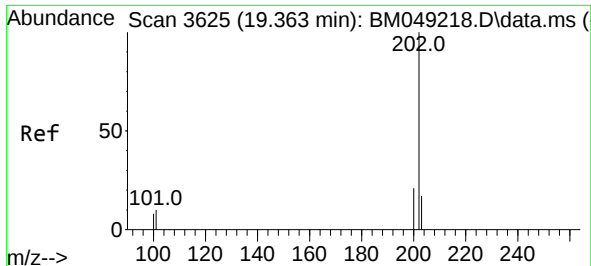
Reviewed By :Jagrut Upadhyay 12/27/2024
 Supervised By :mohammad ahmed 12/30/2024



#19
 Fluoranthene
 Concen: 0.526 ng/ul
 RT: 19.001 min Scan# 3547
 Delta R.T. -0.000 min
 Lab File: BM049228.D
 Acq: 26 Dec 2024 16:22

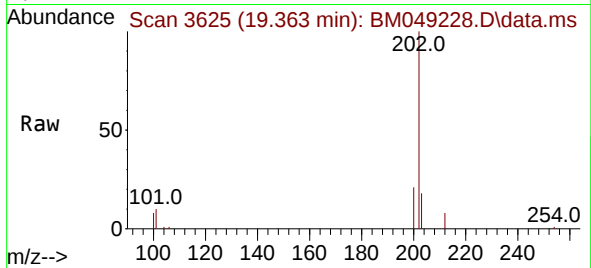
Tgt Ion:	202	Resp:	41391
Ion Ratio	Lower	Upper	
202	100		
101	8.4	7.6	11.4
100	6.2	5.5	8.3





#20
Pyrene
Concen: 0.456 ng/uI
RT: 19.363 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM049228.D
Acq: 26 Dec 2024 16:22

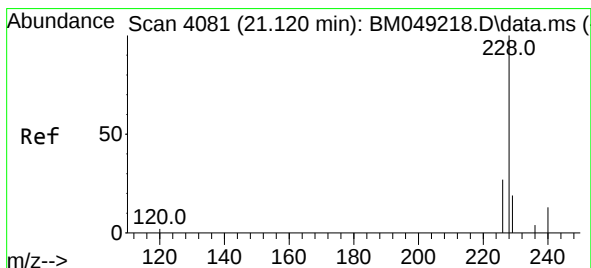
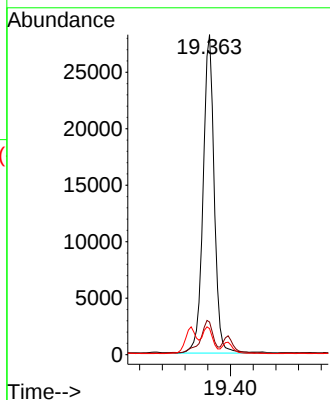
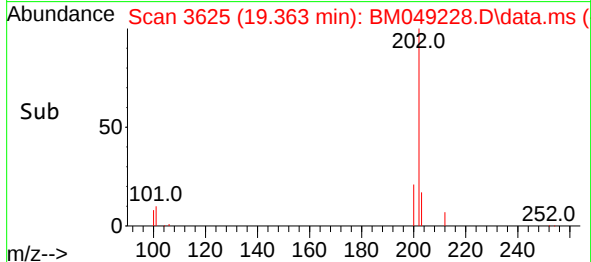
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BNA_M
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E2909DL



Tgt Ion:202 Resp: 38278
Ion Ratio Lower Upper
202 100
101 10.2 8.9 13.3
100 8.1 6.9 10.3

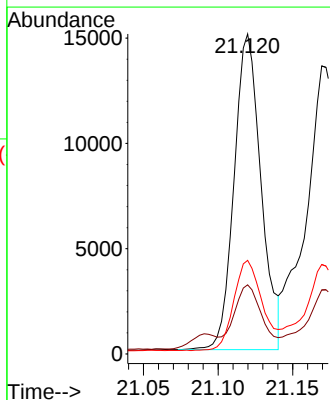
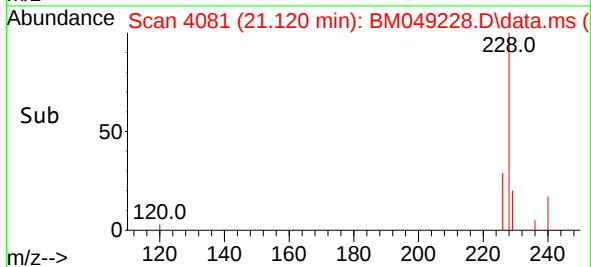
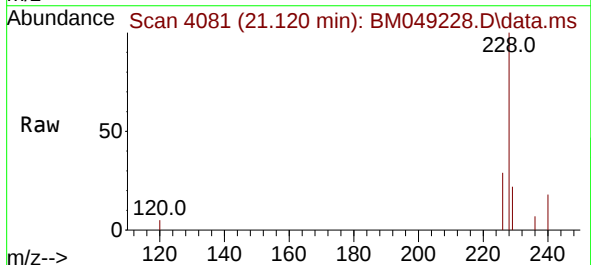
Manual Integrations
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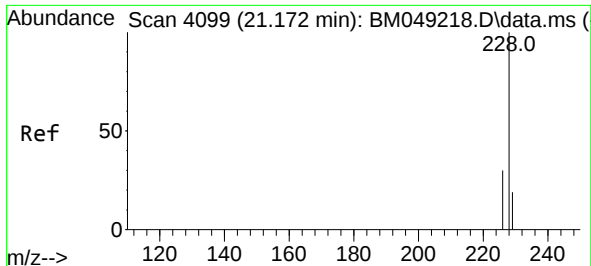
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#21
Benzo(a)anthracene
Concen: 0.249 ng/uI
RT: 21.120 min Scan# 4081
Delta R.T. -0.000 min
Lab File: BM049228.D
Acq: 26 Dec 2024 16:22

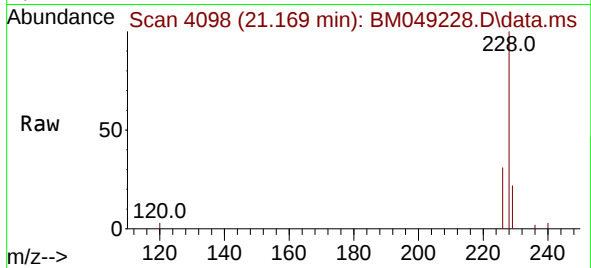
Tgt Ion:228 Resp: 18861
Ion Ratio Lower Upper
228 100
229 21.6 15.9 23.9
226 29.3 22.6 34.0





#22
Chrysene
Concen: 0.259 ng/ul
RT: 21.169 min Scan# 4098
Delta R.T. -0.003 min
Lab File: BM049228.D
Acq: 26 Dec 2024 16:22

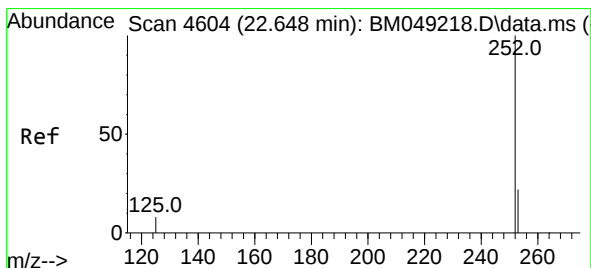
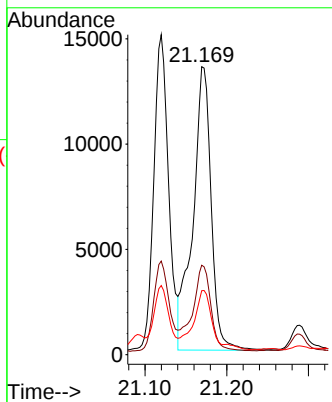
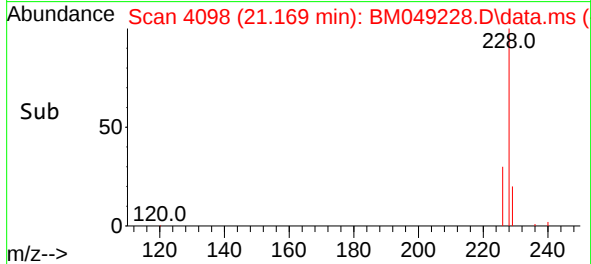
Instrument :
BNA_M
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E2909DL



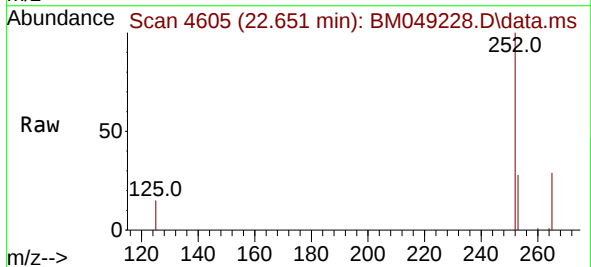
Tgt Ion:228 Resp: 21019
Ion Ratio Lower Upper
228 100
226 31.0 24.1 36.1
229 22.2 15.8 23.8

Manual Integrations
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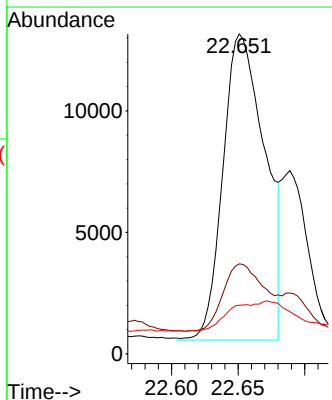
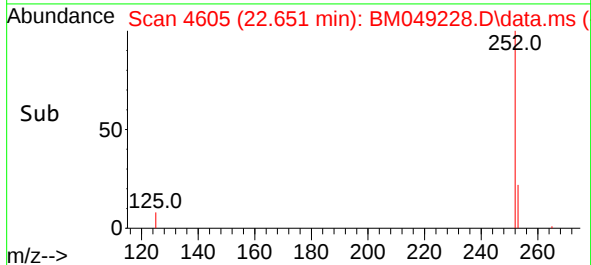
Reviewed By :Jagrut Upadhyay 12/27/2024
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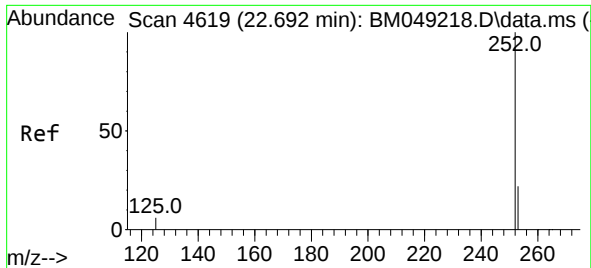


#24
Benzo(b)fluoranthene
Concen: 0.371 ng/ul m
RT: 22.651 min Scan# 4605
Delta R.T. 0.003 min
Lab File: BM049228.D
Acq: 26 Dec 2024 16:22



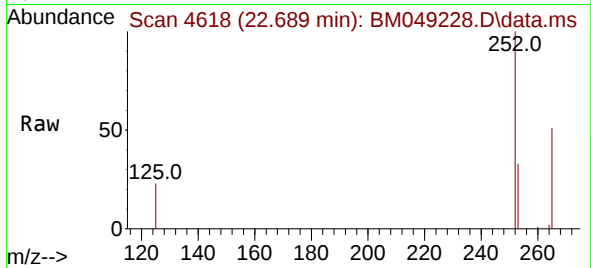
Tgt Ion:252 Resp: 27618
Ion Ratio Lower Upper
252 100
253 28.2 0.0 52.6
125 15.3 0.0 30.8





#25
Benzo(k)fluoranthene
Concen: 0.122 ng/ul m
RT: 22.689 min Scan# 4618
Delta R.T. -0.003 min
Lab File: BM049228.D
Acq: 26 Dec 2024 16:22

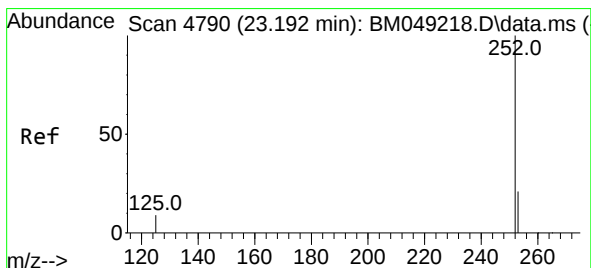
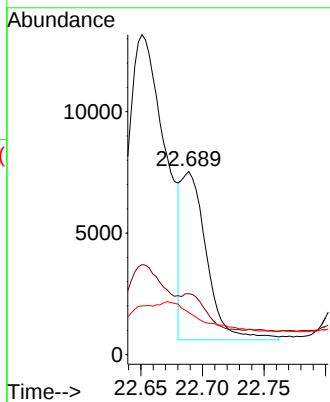
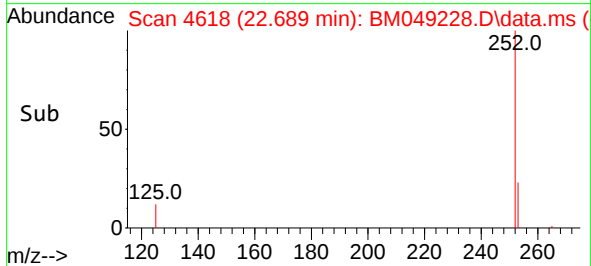
Instrument :
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ClientSampleId :
E2909DL



Tgt Ion:252 Resp: 997
Ion Ratio Lower Upper
252 100
253 33.3 21.3 31.9
125 23.0 12.6 18.8

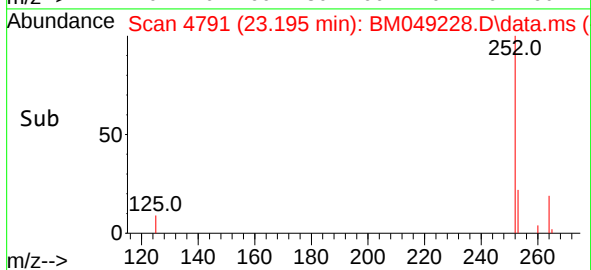
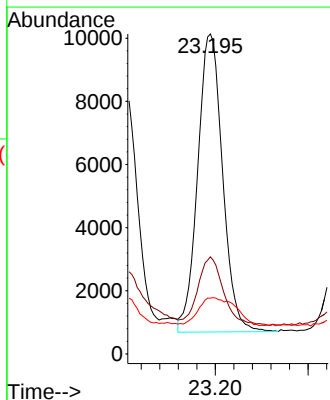
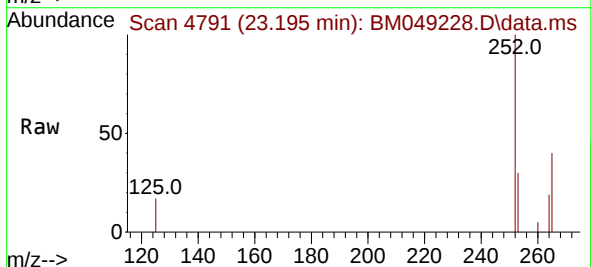
Manual Integrations
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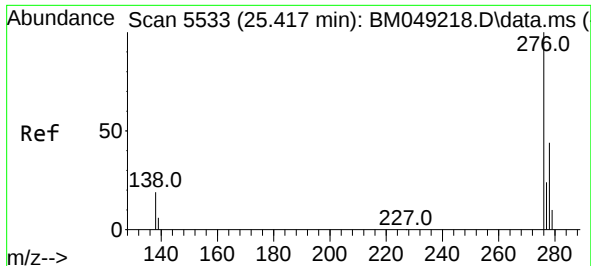
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#26
Benzo(a)pyrene
Concen: 0.247 ng/ul
RT: 23.195 min Scan# 4791
Delta R.T. 0.003 min
Lab File: BM049228.D
Acq: 26 Dec 2024 16:22

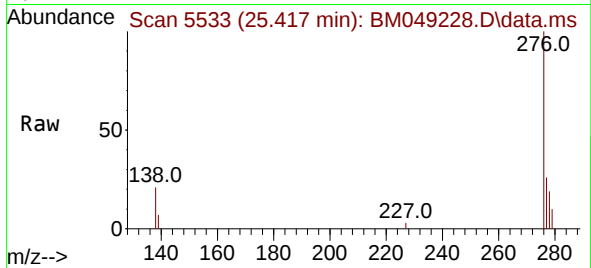
Tgt Ion:252 Resp: 17641
Ion Ratio Lower Upper
252 100
253 30.4 22.4 33.6
125 17.4 14.8 22.2





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.136 ng/ul
RT: 25.417 min Scan# 5533
Delta R.T. -0.000 min
Lab File: BM049228.D
Acq: 26 Dec 2024 16:22

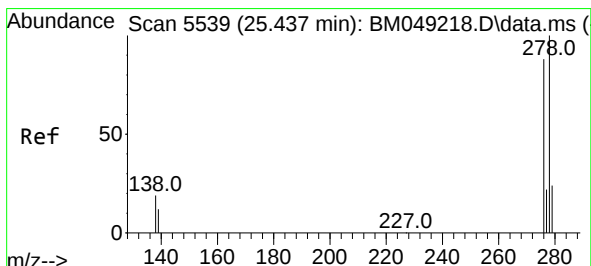
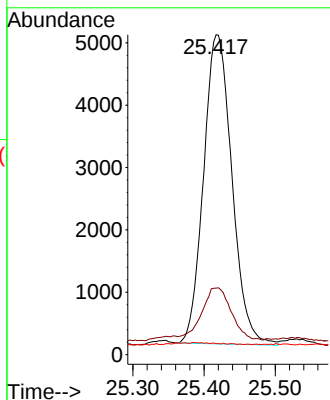
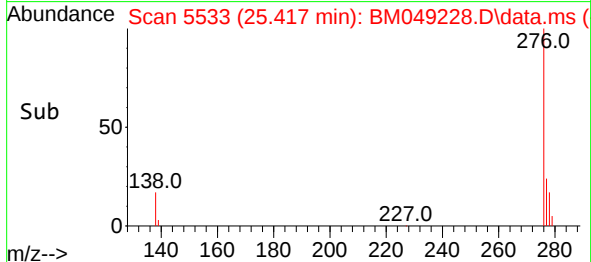
Instrument :
BNA_M
ClientSampleId :
E2909DL



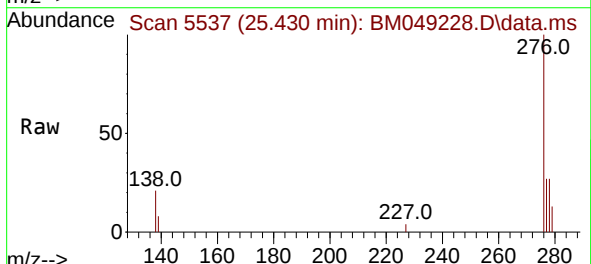
Tgt Ion: 276 Resp: 1372
Ion Ratio Lower Upper
276 100
138 17.6 17.4 26.2
227 0.0 0.2 0.2

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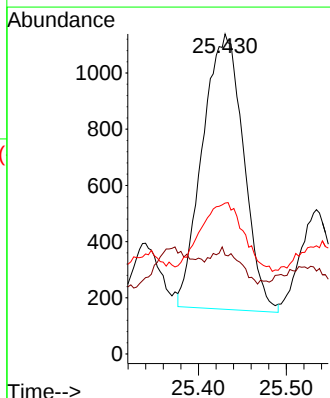
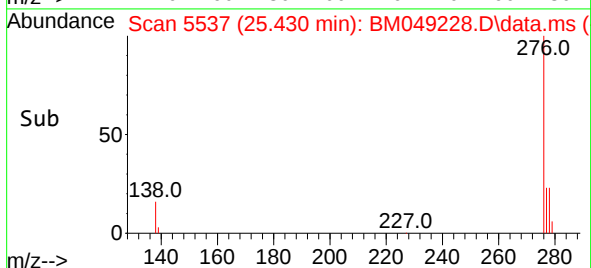
Reviewed By : Jagrut Upadhyay 12/27/2024
Supervised By : mohammad ahmed 12/30/2024

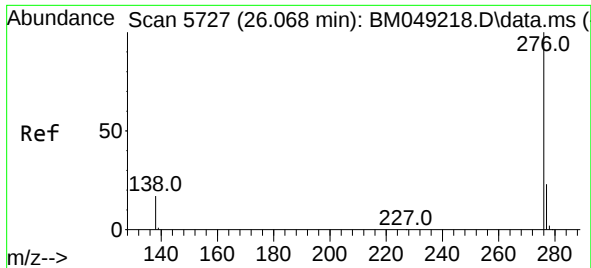


#28
Dibenzo(a,h)anthracene
Concen: 0.040 ng/ul
RT: 25.430 min Scan# 5537
Delta R.T. -0.007 min
Lab File: BM049228.D
Acq: 26 Dec 2024 16:22



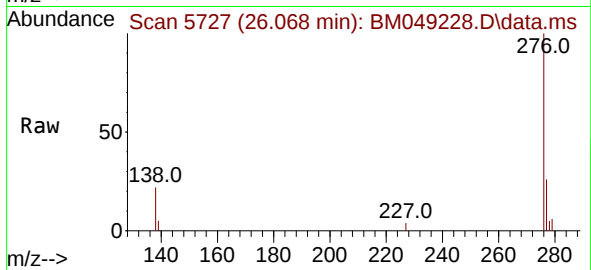
Tgt Ion: 278 Resp: 3171
Ion Ratio Lower Upper
278 100
139 30.9 13.5 20.3#
279 47.1 21.5 32.3#





#29
Benzo(g,h,i)perylene
Concen: 0.187 ng/ul
RT: 26.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM049228.D
Acq: 26 Dec 2024 16:22

Instrument :
BNA_M
ClientSampleId :
E2909DL



Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.5	16.7	25.1
277	26.1	19.9	29.9

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

