

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049160.D
 Acq On : 23 Dec 2024 23:55
 Operator : RC/JU
 Sample : P5333-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2905

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 24 00:22:54 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 : 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	7.552	152	6133	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136	18393	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.186	164	10147	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.937	188	22200m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.140	240	19704m	0.400	ng/ul	0.00
23) Perylene-d12	23.294	264	19797m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	23135	3.271	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.914	152	5160	0.209	ng/ul	-0.01
18) Fluoranthene-d10	18.973	212	9980	0.179	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.363	128	1880	0.041	ng/ul#	85
7) 2-Methylnaphthalene	11.991	142	1078	0.037	ng/ul	99
8) 1-Methylnaphthalene	12.206	142	786	0.026	ng/ul	99
11) Acenaphthene	14.251	153	947	0.031	ng/ul	94
12) Fluorene	15.241	166	1045	0.030	ng/ul#	96
15) Phenanthrene	16.980	178	18960m	0.327	ng/ul	
16) Anthracene	17.068	178	4502m	0.085	ng/ul	
19) Fluoranthene	19.001	202	33482	0.470	ng/ul	99
20) Pyrene	19.363	202	29055	0.382	ng/ul	99
21) Benzo(a)anthracene	21.123	228	13324	0.194	ng/ul	98
22) Chrysene	21.175	228	14465	0.197	ng/ul	95
24) Benzo(b)fluoranthene	22.657	252	21635m	0.342	ng/ul	
25) Benzo(k)fluoranthene	22.695	252	7494m	0.108	ng/ul	
26) Benzo(a)pyrene	23.201	252	13480	0.222	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.424	276	11447	0.133	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.434	278	2327	0.035	ng/ul#	45
29) Benzo(g,h,i)perylene	26.081	276	11741	0.170	ng/ul	95

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

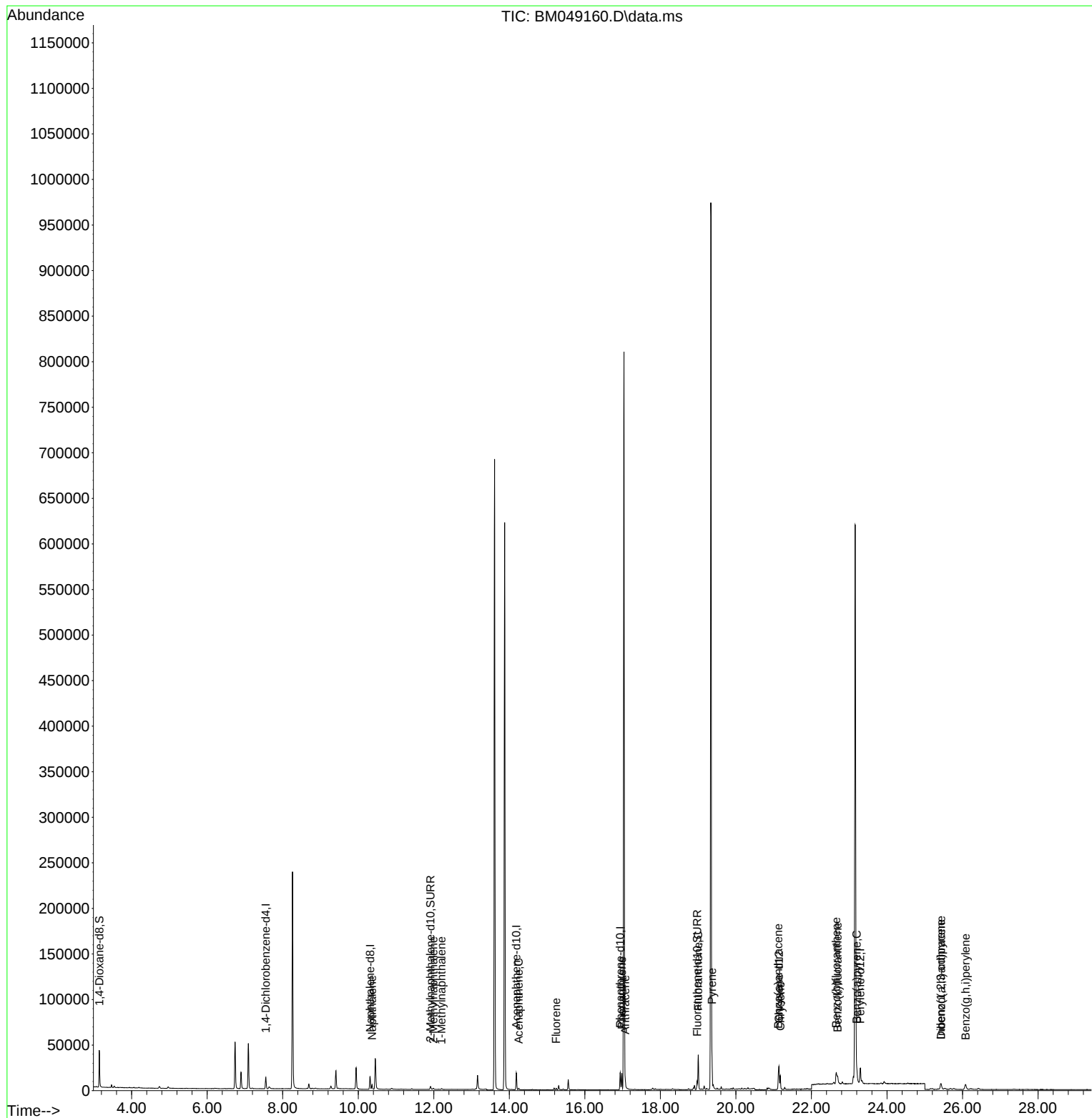
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049160.D
Acq On : 23 Dec 2024 23:55
Operator : RC/JU
Sample : P5333-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

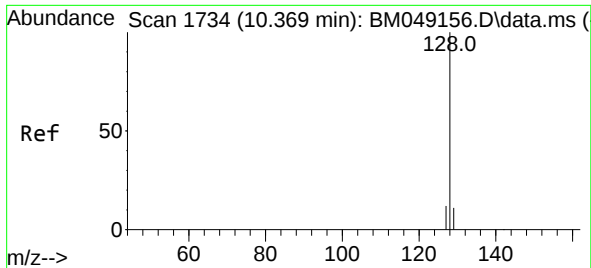
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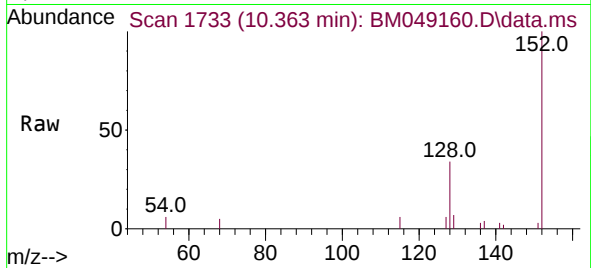
Quant Time: Dec 24 00:22:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.041 ng/ul
RT: 10.363 min Scan# 1733
Delta R.T. -0.016 min
Lab File: BM049160.D
Acq: 23 Dec 2024 23:55

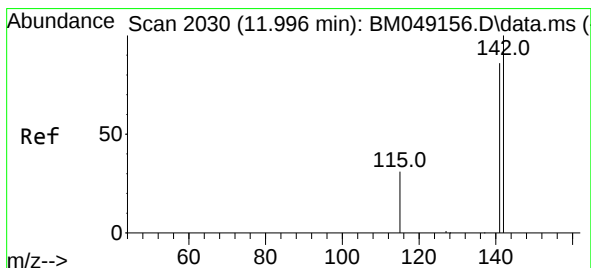
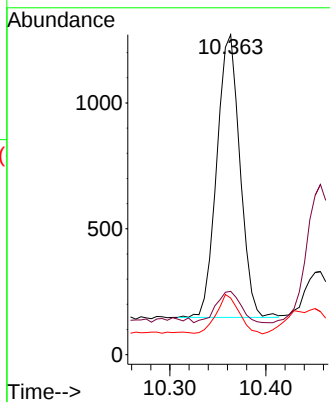
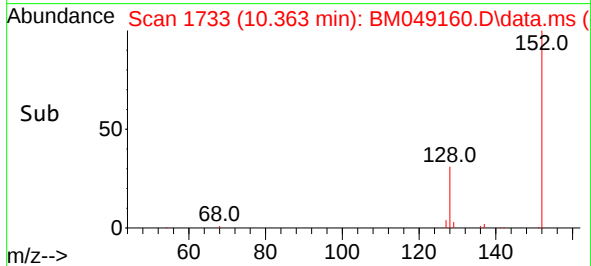
Instrument :
BNA_M
ClientSampleId :
E2905



Tgt Ion:128 Resp: 1880
Ion Ratio Lower Upper
128 100
129 19.8 9.7 14.5
127 17.7 10.6 16.0

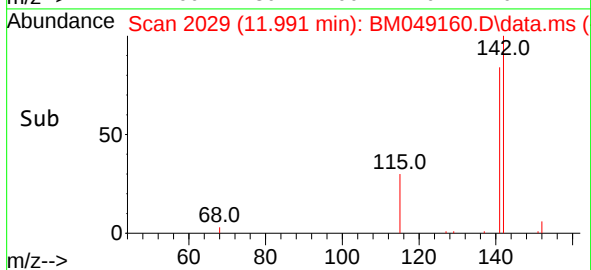
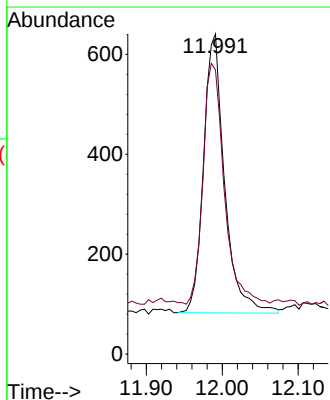
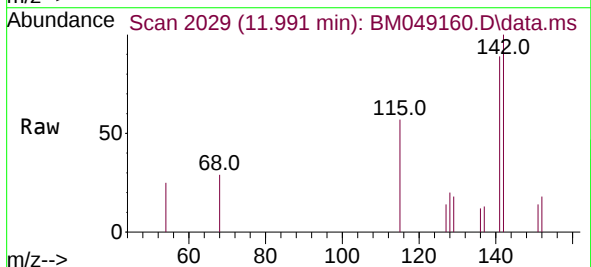
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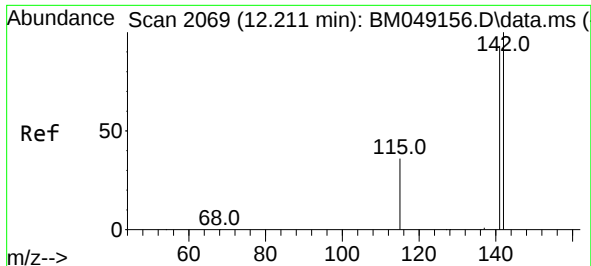
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 11.991 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BM049160.D
Acq: 23 Dec 2024 23:55

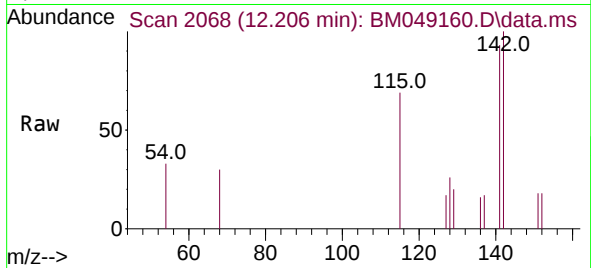
Tgt Ion:142 Resp: 1078
Ion Ratio Lower Upper
142 100
141 88.5 71.7 107.5





#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.206 min Scan# 2068
Delta R.T. -0.016 min
Lab File: BM049160.D
Acq: 23 Dec 2024 23:55

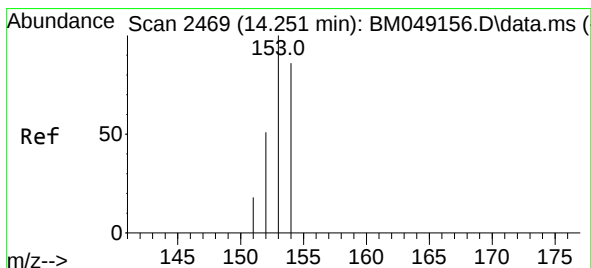
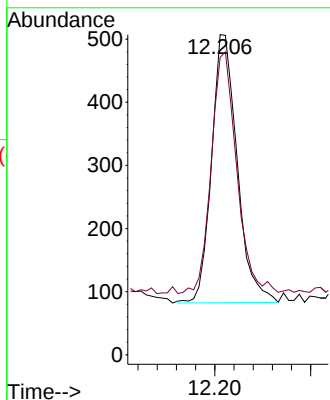
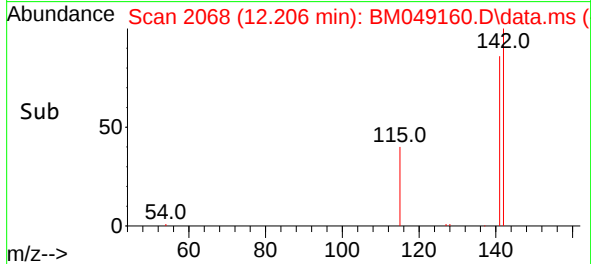
Instrument :
BNA_M
ClientSampleId :
E2905



Tgt Ion:142 Resp: 780
Ion Ratio Lower Upper
142 100
141 89.8 72.7 109.1

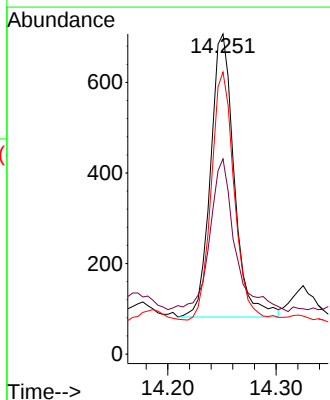
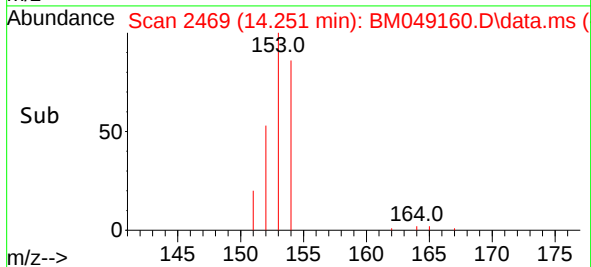
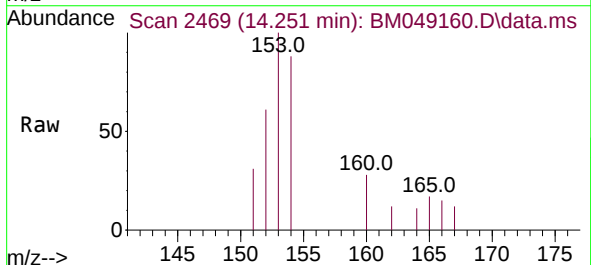
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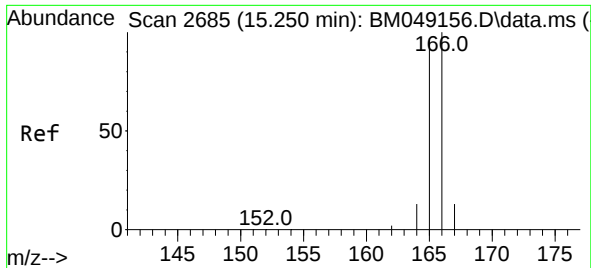
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#11
Acenaphthene
Concen: 0.031 ng/ul
RT: 14.251 min Scan# 2469
Delta R.T. -0.014 min
Lab File: BM049160.D
Acq: 23 Dec 2024 23:55

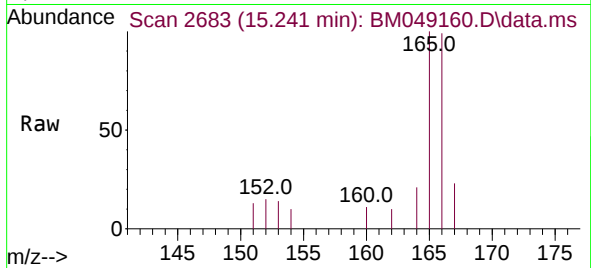
Tgt Ion:153 Resp: 947
Ion Ratio Lower Upper
153 100
152 61.0 40.7 61.1
154 88.1 70.8 106.2





#12
Fluorene
Concen: 0.030 ng/ul
RT: 15.241 min Scan# 2049
Delta R.T. -0.014 min
Lab File: BM049160.D
Acq: 23 Dec 2024 23:55

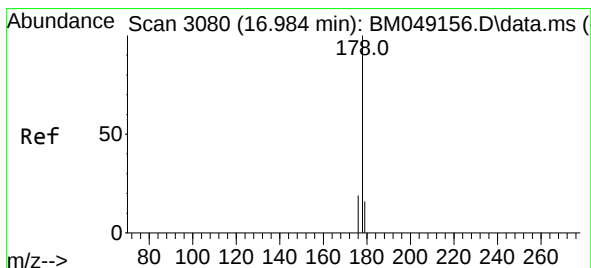
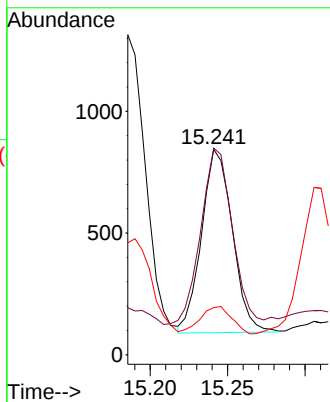
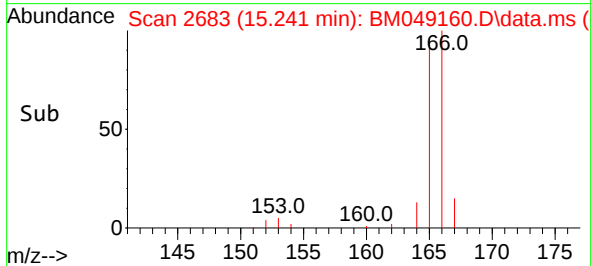
Instrument :
BNA_M
ClientSampleId :
E2905



Tgt Ion:166 Resp: 1049
Ion Ratio Lower Upper
166 100
165 100.6 79.7 119.5
167 23.0 11.4 17.0

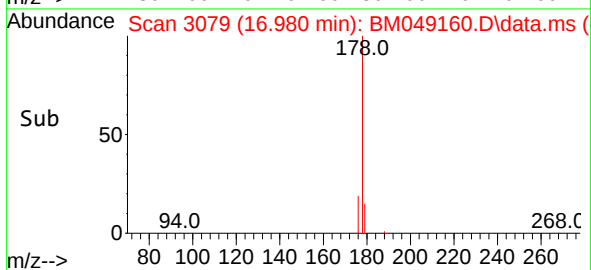
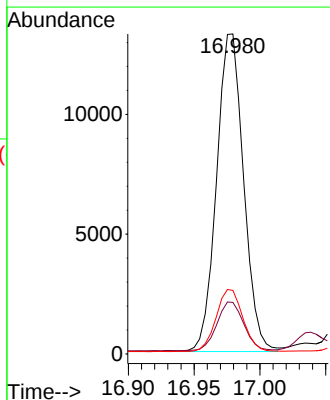
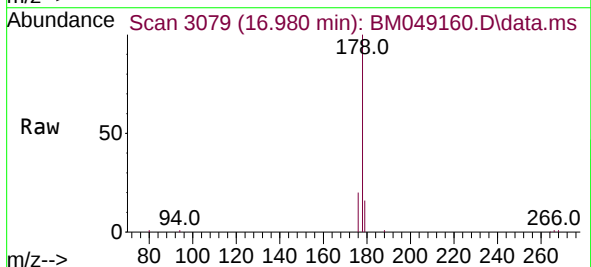
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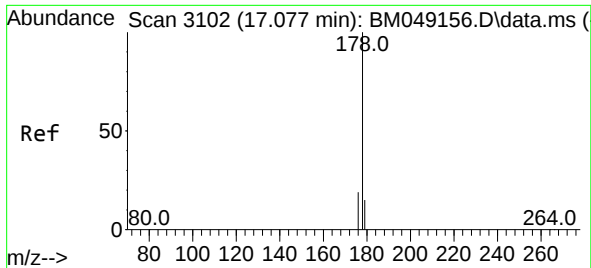
Reviewed By :Yogesh Patel 12/24/2024
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#15
Phenanthrene
Concen: 0.327 ng/ul m
RT: 16.980 min Scan# 3079
Delta R.T. -0.013 min
Lab File: BM049160.D
Acq: 23 Dec 2024 23:55

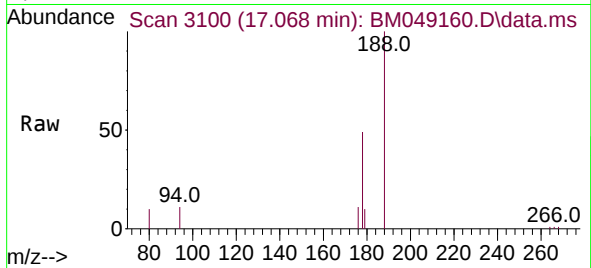
Tgt Ion:178 Resp: 18960
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.4
176 19.9 16.2 24.2





#16
 Anthracene
 Concen: 0.085 ng/ul m
 RT: 17.068 min Scan# 3102
 Delta R.T. -0.017 min
 Lab File: BM049160.D
 Acq: 23 Dec 2024 23:55

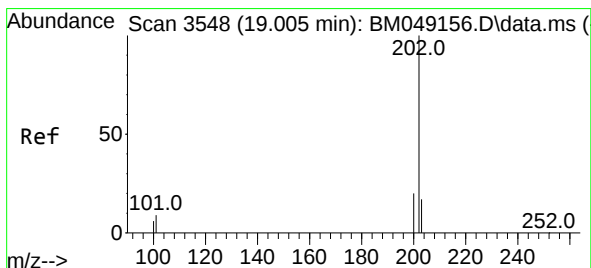
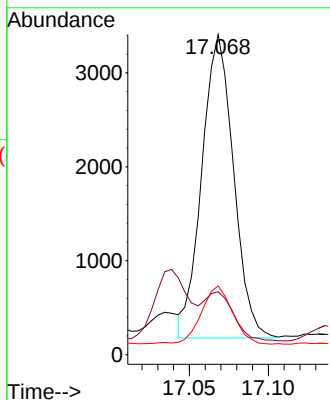
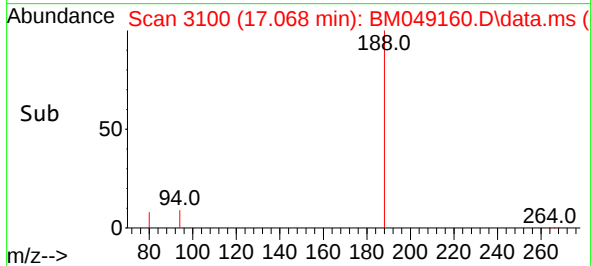
Instrument :
 BNA_M
 ClientSampleId :
 E2905



Tgt Ion:178 Resp: 4502
 Ion Ratio Lower Upper
 178 100
 179 19.7 12.9 19.3
 176 21.5 15.3 22.9

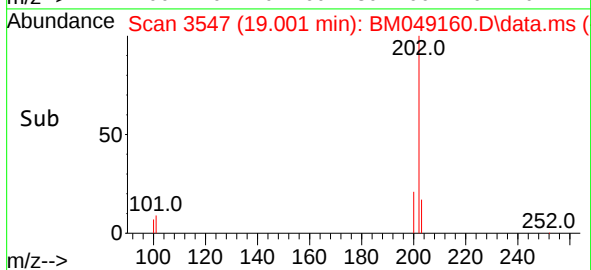
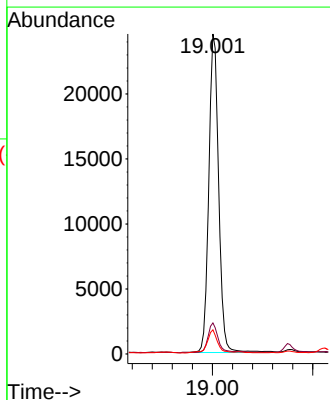
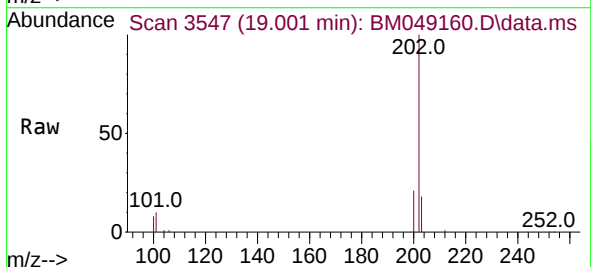
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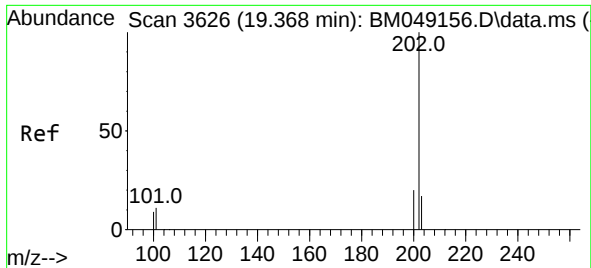
Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/26/2024



#19
 Fluoranthene
 Concen: 0.470 ng/ul
 RT: 19.001 min Scan# 3547
 Delta R.T. -0.014 min
 Lab File: BM049160.D
 Acq: 23 Dec 2024 23:55

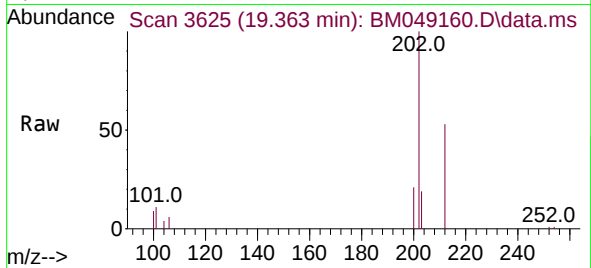
Tgt Ion:202 Resp: 33482
 Ion Ratio Lower Upper
 202 100
 101 9.7 7.6 11.4
 100 7.5 5.5 8.3





#20
Pyrene
Concen: 0.382 ng/u1
RT: 19.363 min Scan# 30
Delta R.T. -0.014 min
Lab File: BM049160.D
Acq: 23 Dec 2024 23:55

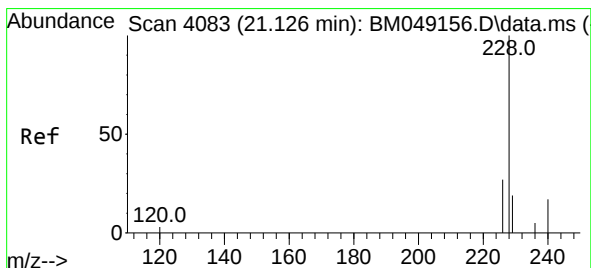
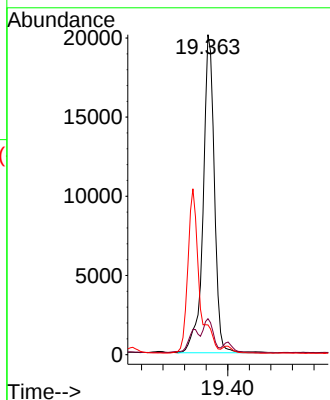
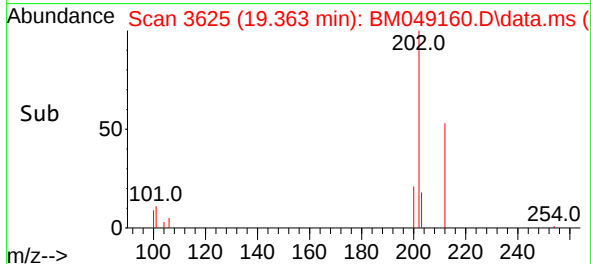
Instrument :
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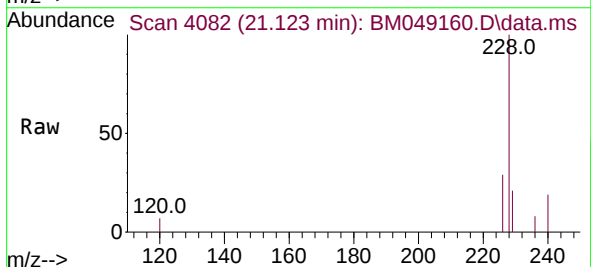
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Ion Ratio Lower Upper
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101 11.2 8.9 13.3
100 9.3 6.9 10.3

Manual Integrations
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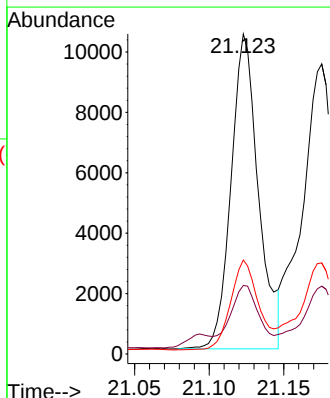
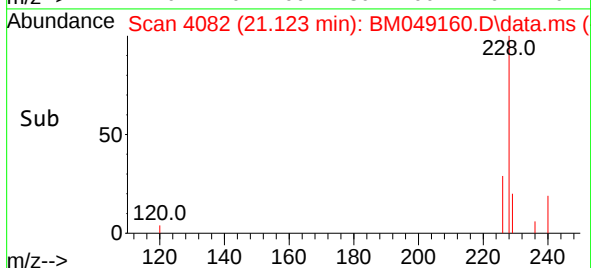
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024

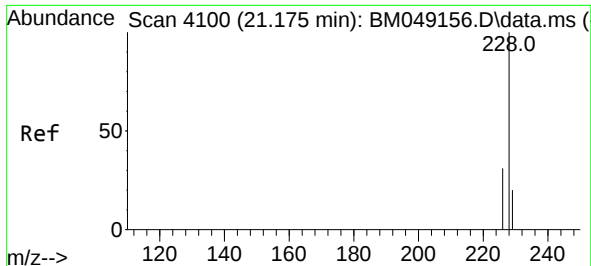


#21
Benzo(a)anthracene
Concen: 0.194 ng/u1
RT: 21.123 min Scan# 4082
Delta R.T. -0.009 min
Lab File: BM049160.D
Acq: 23 Dec 2024 23:55



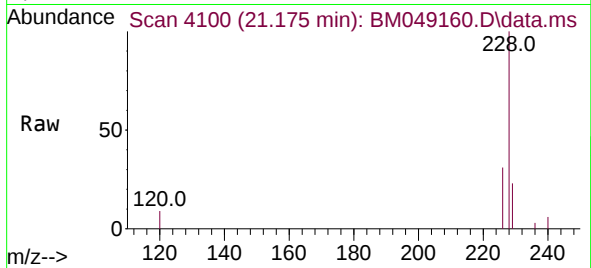
Tgt Ion:228 Resp: 13324
Ion Ratio Lower Upper
228 100
229 21.4 15.9 23.9
226 29.3 22.6 34.0





#22
Chrysene
Concen: 0.197 ng/ul
RT: 21.175 min Scan# 4100
Delta R.T. -0.009 min
Lab File: BM049160.D
Acq: 23 Dec 2024 23:55

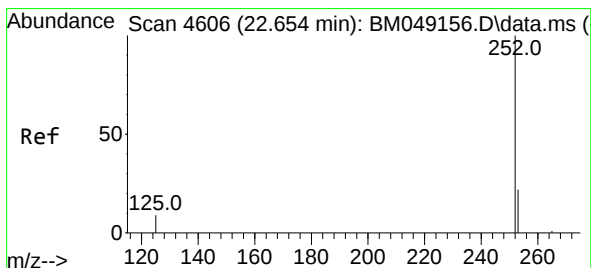
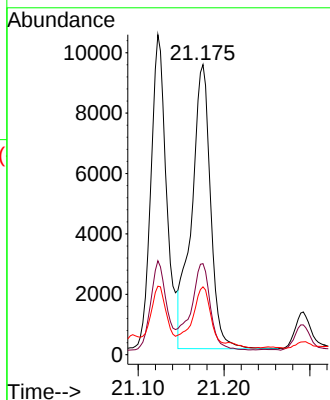
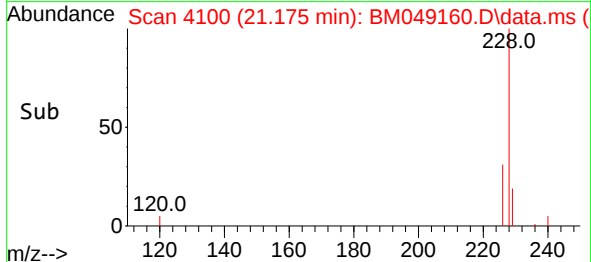
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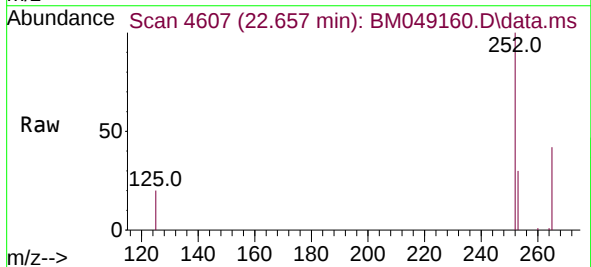
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Ion Ratio Lower Upper
228 100
226 31.4 24.1 36.1
229 23.4 15.8 23.8

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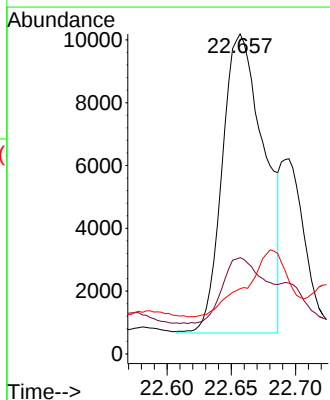
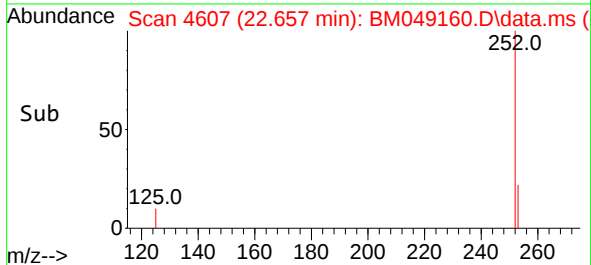
Reviewed By :Yogesh Patel 12/24/2024
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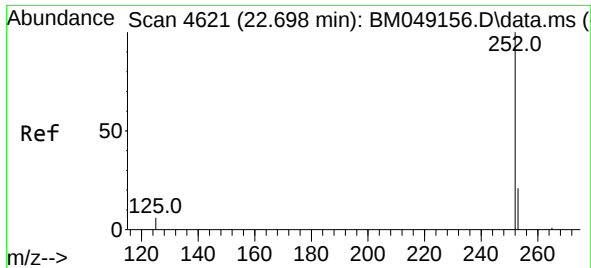


#24
Benzo(b)fluoranthene
Concen: 0.342 ng/ul m
RT: 22.657 min Scan# 4607
Delta R.T. -0.006 min
Lab File: BM049160.D
Acq: 23 Dec 2024 23:55



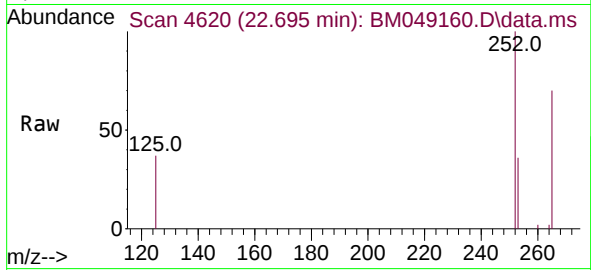
Tgt Ion:252 Resp: 21635
Ion Ratio Lower Upper
252 100
253 30.1 0.0 52.6
125 20.4 0.0 30.8





#25
Benzo(k)fluoranthene
Concen: 0.108 ng/ul m
RT: 22.695 min Scan# 4620
Delta R.T. -0.012 min
Lab File: BM049160.D
Acq: 23 Dec 2024 23:55

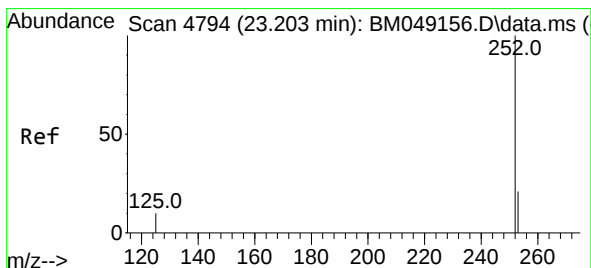
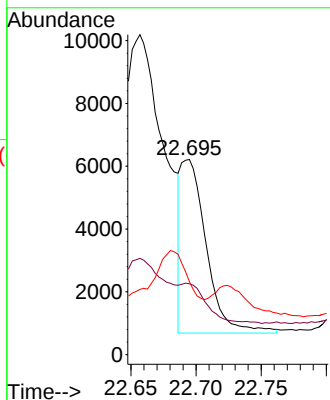
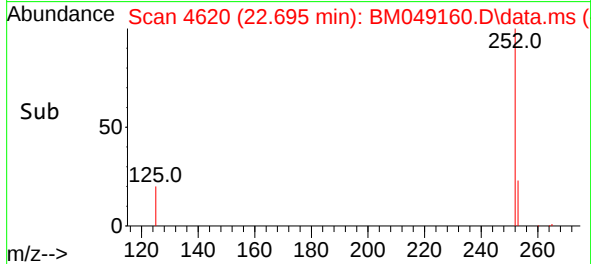
Instrument :
BNA_M
ClientSampleId :
E2905



Tgt Ion:252 Resp: 7494
Ion Ratio Lower Upper
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253 36.4 21.3 31.9
125 37.5 12.6 18.8

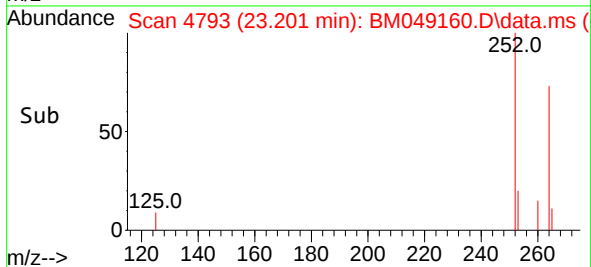
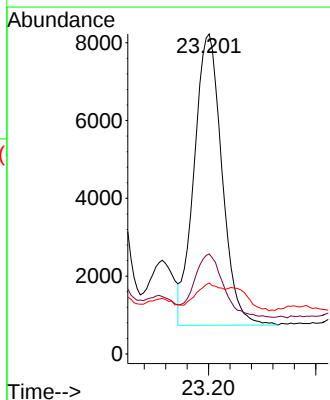
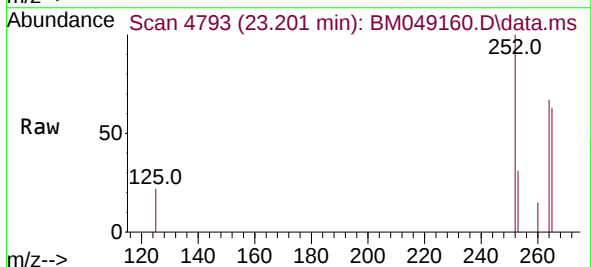
Manual Integrations
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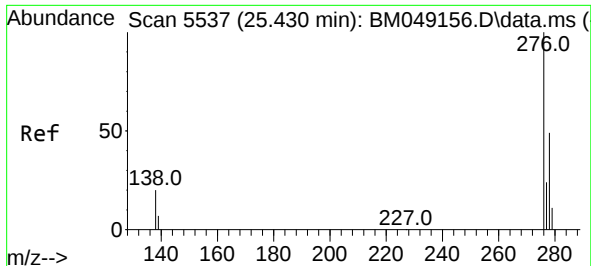
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#26
Benzo(a)pyrene
Concen: 0.222 ng/ul
RT: 23.201 min Scan# 4793
Delta R.T. -0.009 min
Lab File: BM049160.D
Acq: 23 Dec 2024 23:55

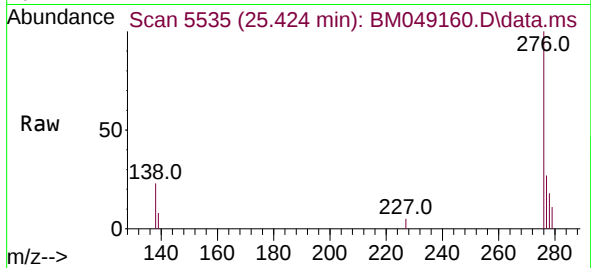
Tgt Ion:252 Resp: 13480
Ion Ratio Lower Upper
252 100
253 31.3 22.4 33.6
125 22.2 14.8 22.2





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.133 ng/ul
 RT: 25.424 min Scan# 5537
 Delta R.T. -0.023 min
 Lab File: BM049160.D
 Acq: 23 Dec 2024 23:55

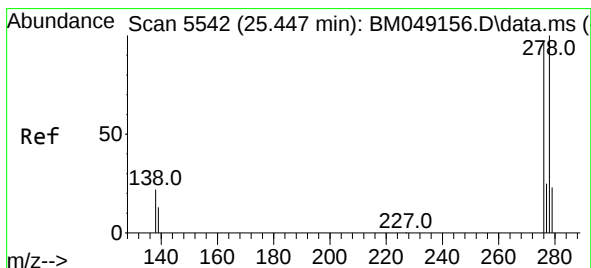
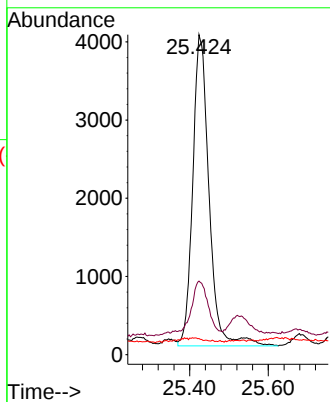
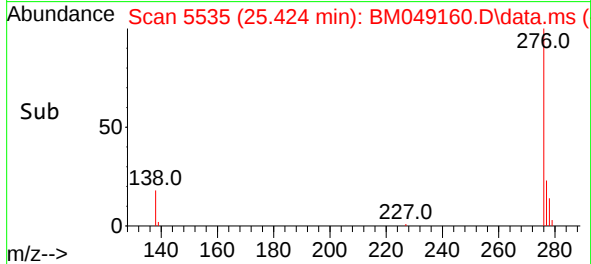
Instrument :
 BNA_M
 ClientSampleId :
 E2905



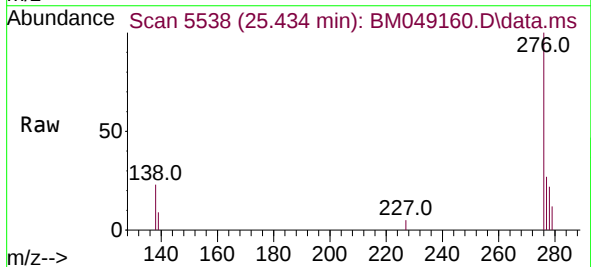
Tgt Ion:276 Resp: 1144
 Ion Ratio Lower Upper
 276 100
 138 17.1 17.4 26.2#
 227 0.8 0.2 0.2#

Manual Integrations
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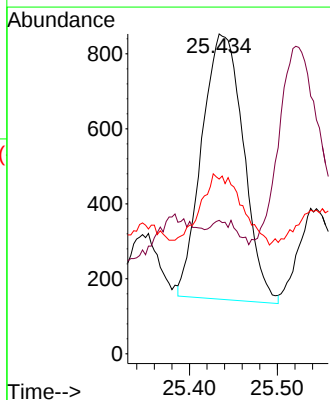
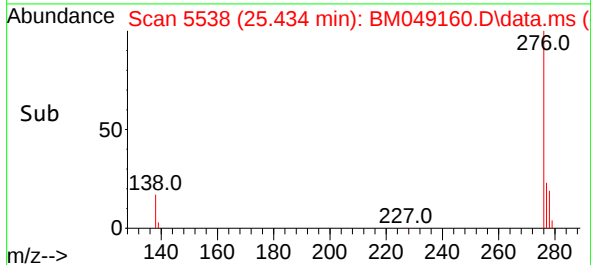
Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/26/2024

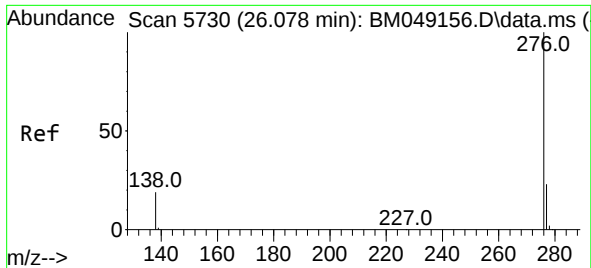


#28
 Dibenzo(a,h)anthracene
 Concen: 0.035 ng/ul
 RT: 25.434 min Scan# 5538
 Delta R.T. -0.033 min
 Lab File: BM049160.D
 Acq: 23 Dec 2024 23:55



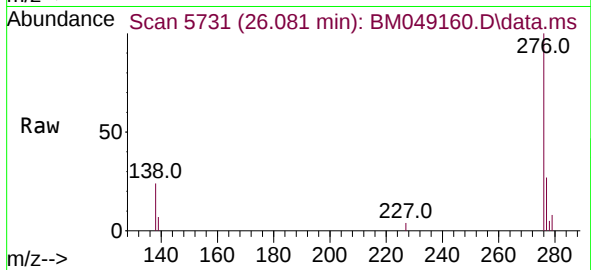
Tgt Ion:278 Resp: 2327
 Ion Ratio Lower Upper
 278 100
 139 41.7 13.5 20.3#
 279 54.6 21.5 32.3#





#29
Benzo(g,h,i)perylene
Concen: 0.170 ng/ul
RT: 26.081 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM049160.D
Acq: 23 Dec 2024 23:55

Instrument :
BNA_M
ClientSampleId :
E2905



Tgt Ion:276 Resp: 1174
Ion Ratio Lower Upper
276 100
138 23.7 16.7 25.1
277 27.3 19.9 29.9

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Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024

