

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048197.D
 Acq On : 22 Oct 2024 17:47
 Operator : RC/JU
 Sample : P4380-23DL 2X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27G8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :mohammad ahmed 10/23/2024

Quant Time: Oct 22 22:59:42 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Oct 22 10:58:11 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.767	152	7214	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.551	136	22594	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.395	164	14817	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.136	188	26565m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.310	240	20709m	0.400	ng/ul	-0.02
23) Perylene-d12	23.569	264	18835m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.236	96	20499	2.090	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.145	152	5947	0.189	ng/ul	-0.05
18) Fluoranthene-d10	19.164	212	13123	0.218	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.600	128	63317	1.031	ng/ul	96
7) 2-Methylnaphthalene	12.222	142	7121	0.203	ng/ul	98
8) 1-Methylnaphthalene	12.442	142	7132	0.176	ng/ul	98
10) Acenaphthylene	14.117	152	2250	0.033	ng/ul#	67
11) Acenaphthene	14.459	153	10288	0.210	ng/ul	98
12) Fluorene	15.449	166	4032	0.077	ng/ul#	95
15) Phenanthrene	17.178	178	25500m	0.380	ng/ul	
16) Anthracene	17.271	178	3299m	0.052	ng/ul	
19) Fluoranthene	19.196	202	9221	0.113	ng/ul#	90
20) Pyrene	19.554	202	5504m	0.063	ng/ul	

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

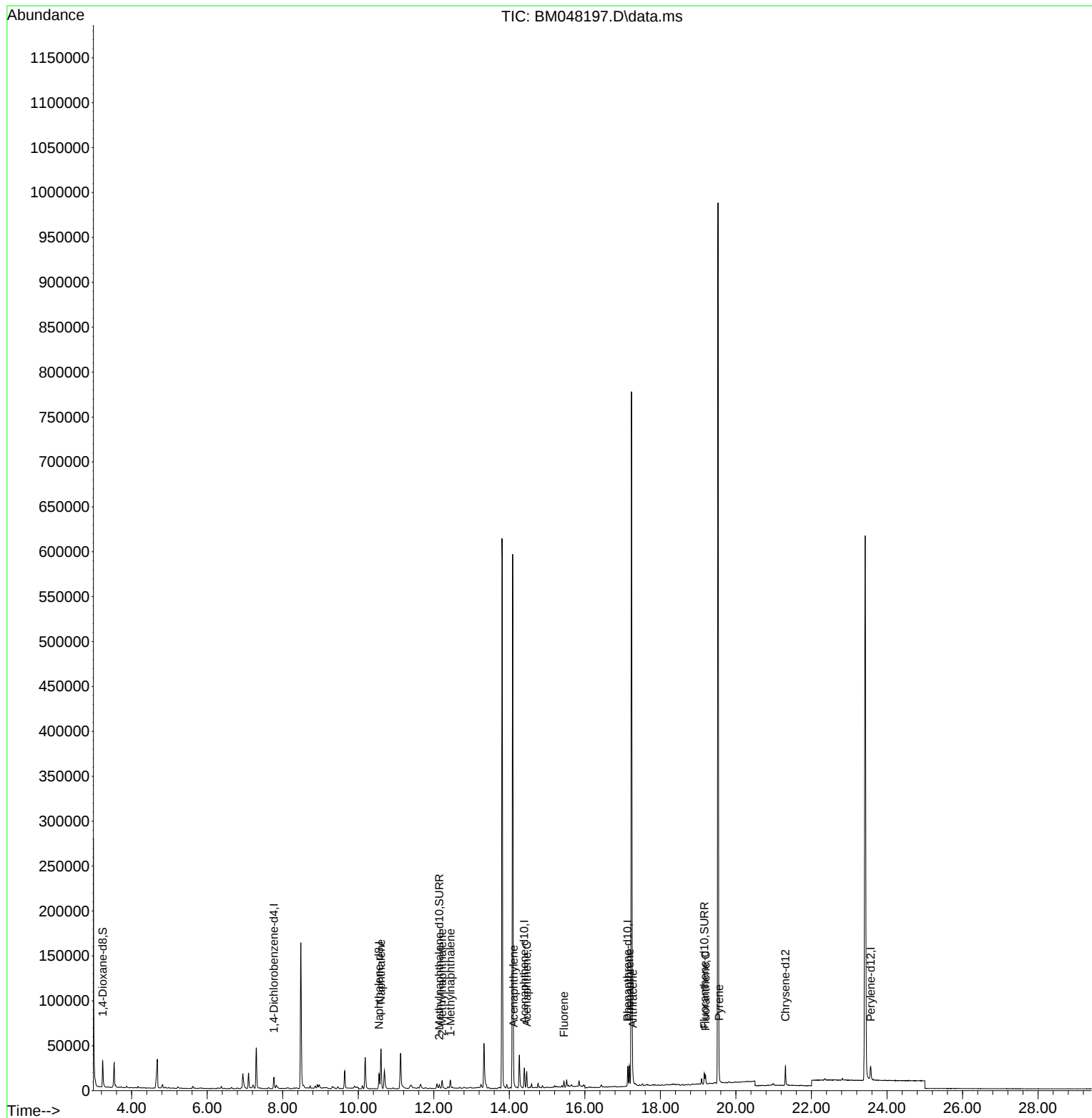
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048197.D
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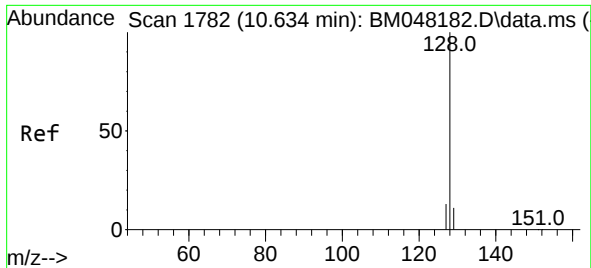
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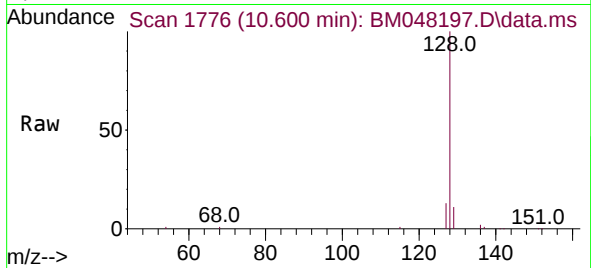
Quant Time: Oct 22 22:59:42 2024
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#5
Naphthalene
Concen: 1.031 ng/ul
RT: 10.600 min Scan# 1776
Delta R.T. -0.034 min
Lab File: BM048197.D
Acq: 22 Oct 2024 17:47

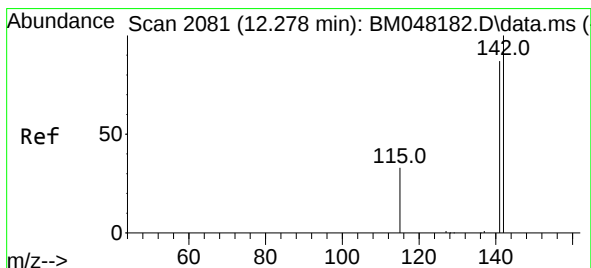
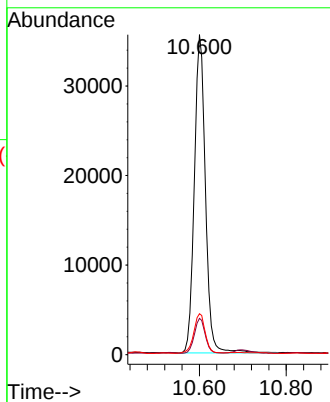
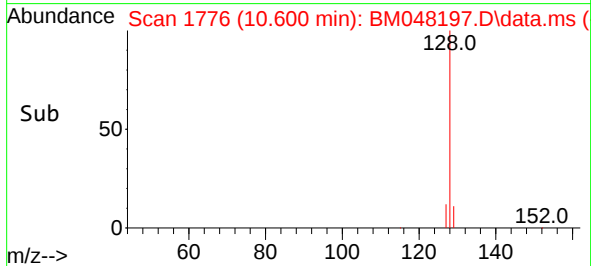
Instrument :
BNA_M
ClientSampleId :
E27G8DL



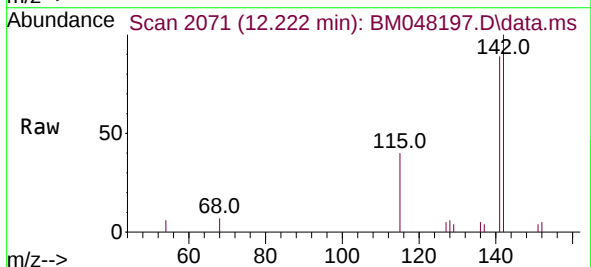
Tgt Ion:128 Resp: 6331
Ion Ratio Lower Upper
128 100
129 11.3 10.6 15.8
127 12.8 11.3 16.9

Manual Integrations
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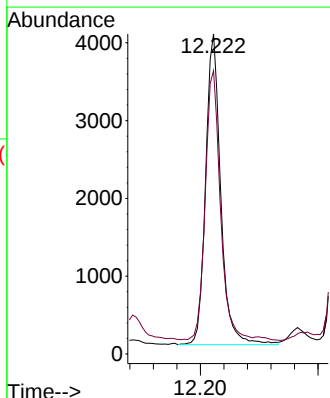
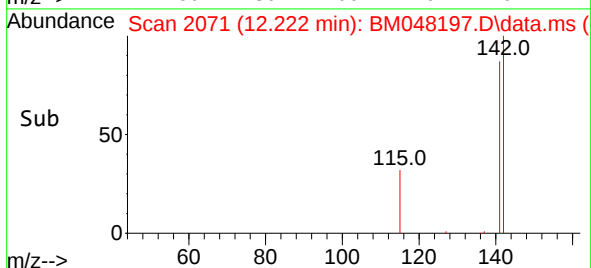
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024

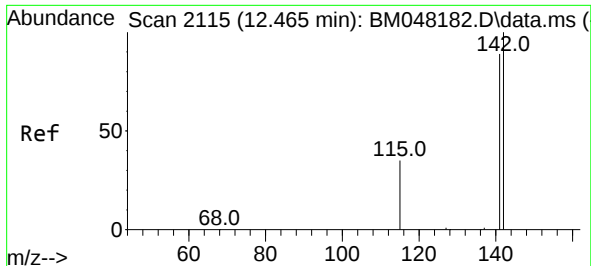


#7
2-Methylnaphthalene
Concen: 0.203 ng/ul
RT: 12.222 min Scan# 2071
Delta R.T. -0.056 min
Lab File: BM048197.D
Acq: 22 Oct 2024 17:47



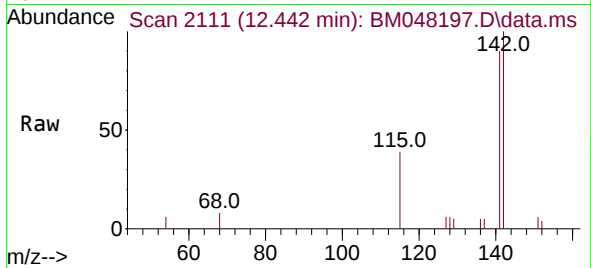
Tgt Ion:142 Resp: 7121
Ion Ratio Lower Upper
142 100
141 87.8 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.176 ng/ul
RT: 12.442 min Scan# 2111
Delta R.T. -0.023 min
Lab File: BM048197.D
Acq: 22 Oct 2024 17:47

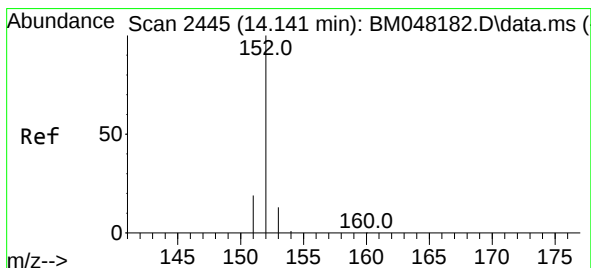
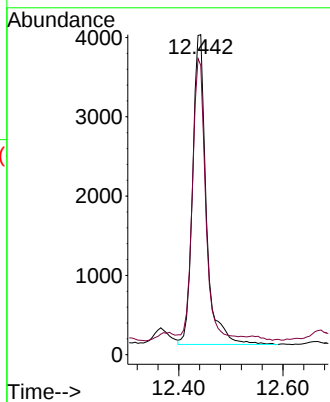
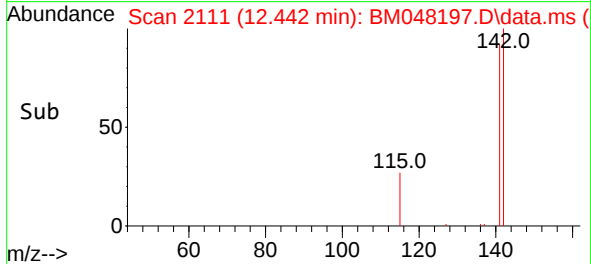
Instrument :
BNA_M
ClientSampleId :
E27G8DL



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Ion Ratio Lower Upper
142 100
141 90.0 73.8 110.6

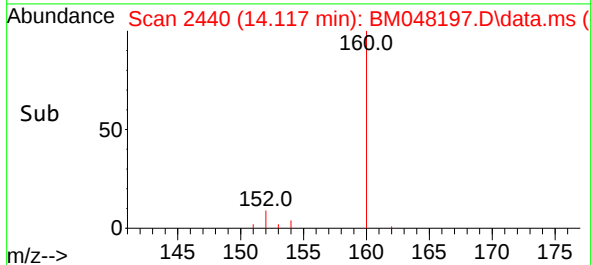
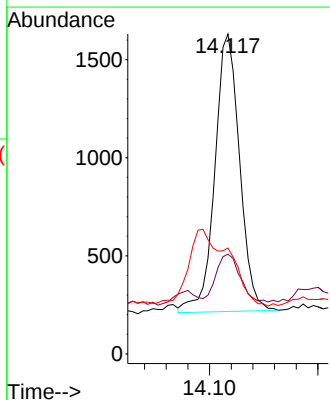
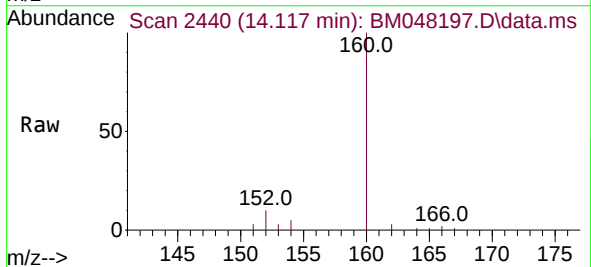
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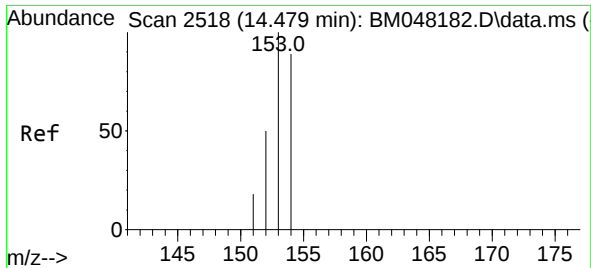
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



#10
Acenaphthylene
Concen: 0.033 ng/ul
RT: 14.117 min Scan# 2440
Delta R.T. -0.024 min
Lab File: BM048197.D
Acq: 22 Oct 2024 17:47

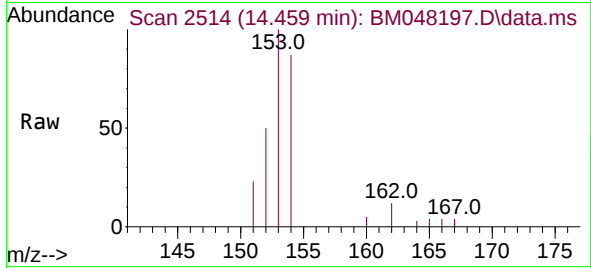
Tgt Ion:152 Resp: 2250
Ion Ratio Lower Upper
152 100
151 31.2 16.2 24.4#
153 33.1 11.7 17.5#





#11
Acenaphthene
Concen: 0.210 ng/ul
RT: 14.459 min Scan# 2114
Delta R.T. -0.019 min
Lab File: BM048197.D
Acq: 22 Oct 2024 17:47

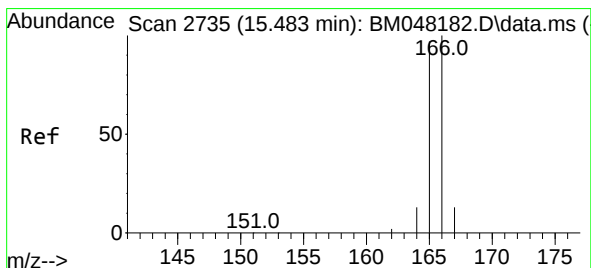
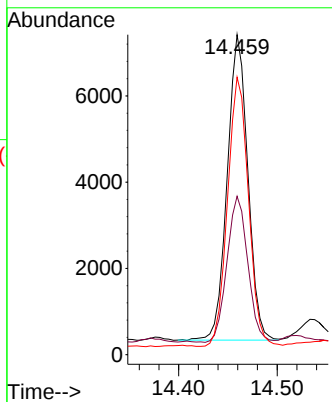
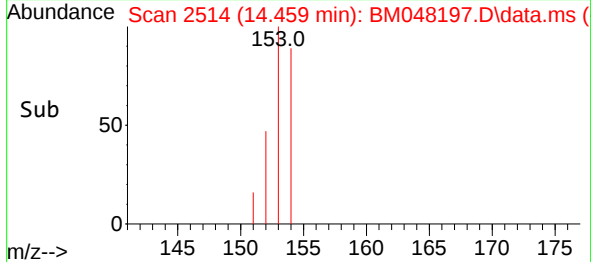
Instrument :
BNA_M
ClientSampleId :
E27G8DL



Tgt Ion:153 Resp: 10288
Ion Ratio Lower Upper
153 100
152 49.5 40.9 61.3
154 86.7 71.0 106.4

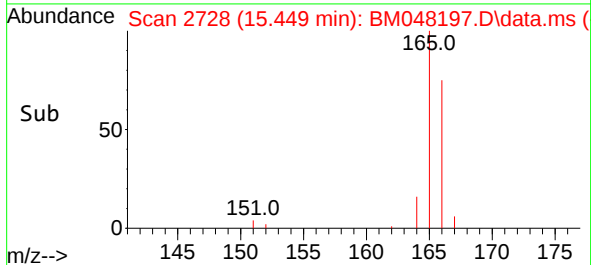
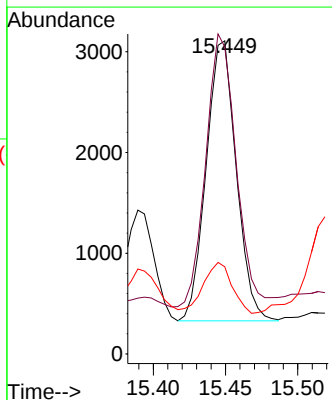
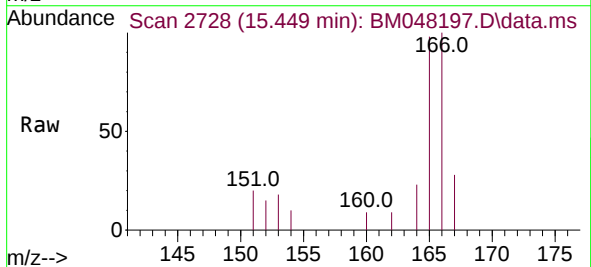
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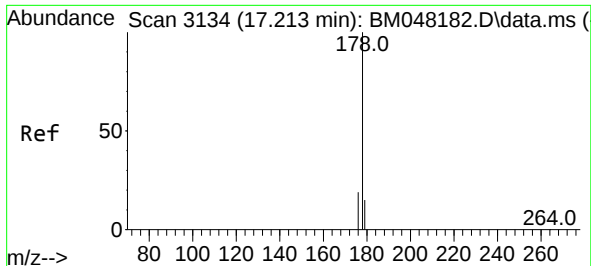
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#12
Fluorene
Concen: 0.077 ng/ul
RT: 15.449 min Scan# 2728
Delta R.T. -0.033 min
Lab File: BM048197.D
Acq: 22 Oct 2024 17:47

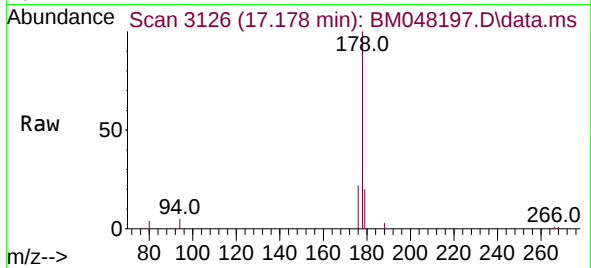
Tgt Ion:166 Resp: 4032
Ion Ratio Lower Upper
166 100
165 98.1 79.1 118.7
167 27.9 12.0 18.0#





#15
Phenanthrene
Concen: 0.380 ng/ul m
RT: 17.178 min Scan# 3126
Delta R.T. -0.035 min
Lab File: BM048197.D
Acq: 22 Oct 2024 17:47

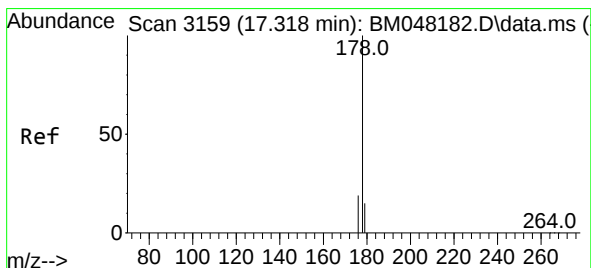
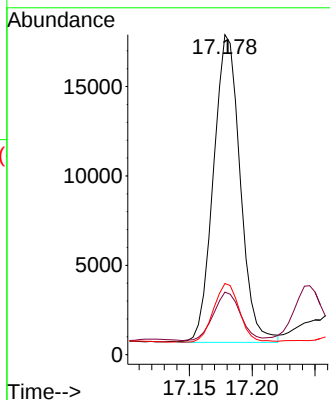
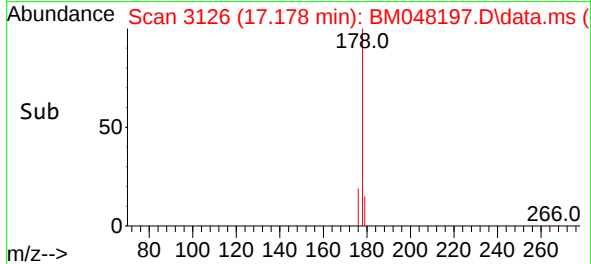
Instrument :
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E27G8DL



Tgt Ion:178 Resp: 25500
Ion Ratio Lower Upper
178 100
179 19.6 13.2 19.8
176 22.3 16.0 24.0

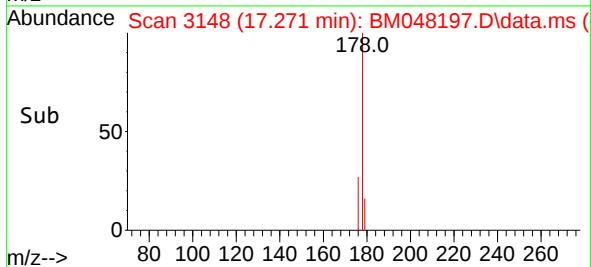
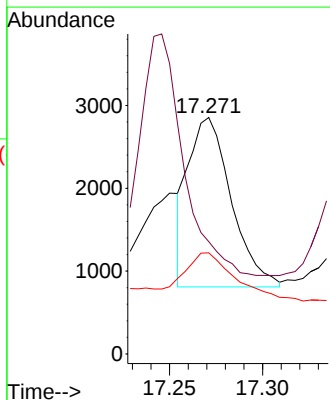
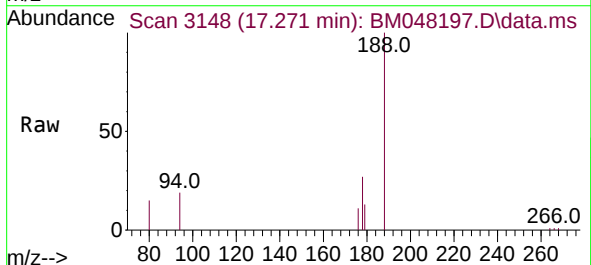
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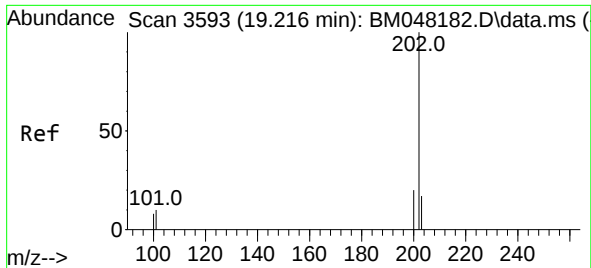
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



#16
Anthracene
Concen: 0.052 ng/ul m
RT: 17.271 min Scan# 3148
Delta R.T. -0.047 min
Lab File: BM048197.D
Acq: 22 Oct 2024 17:47

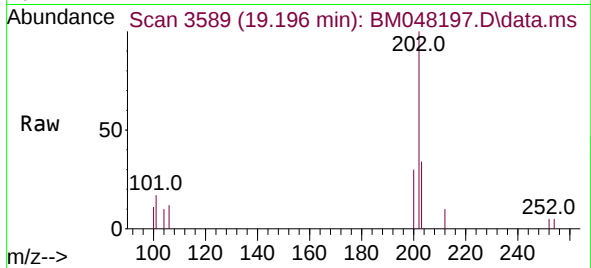
Tgt Ion:178 Resp: 3299
Ion Ratio Lower Upper
178 100
179 47.5 14.5 21.7#
176 42.7 16.0 24.0#





#19
Fluoranthene
Concen: 0.113 ng/ul
RT: 19.196 min Scan# 3589
Delta R.T. -0.020 min
Lab File: BM048197.D
Acq: 22 Oct 2024 17:47

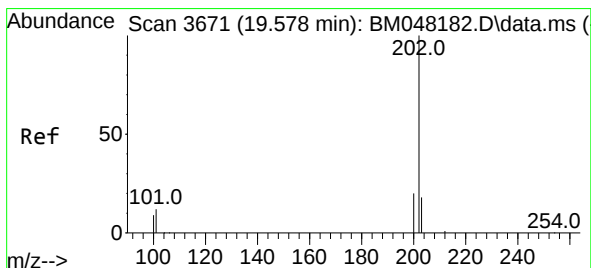
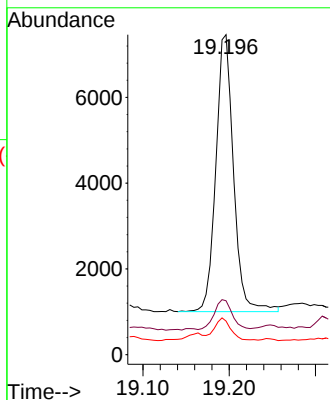
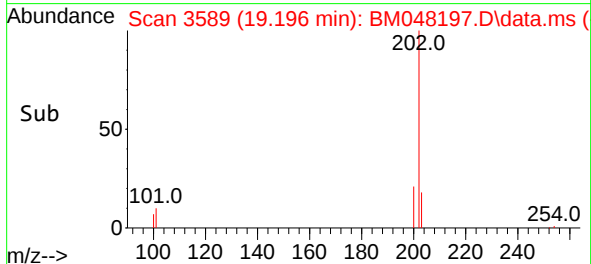
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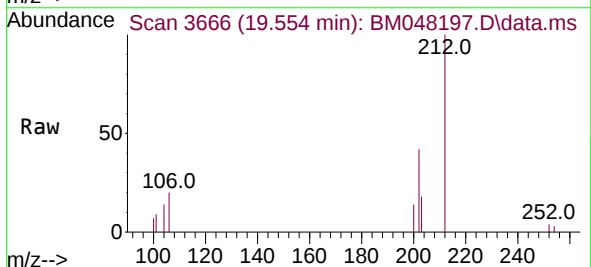
Tgt Ion:202 Resp: 922
Ion Ratio Lower Upper
202 100
101 16.8 9.3 13.9#
100 10.5 7.1 10.7

Manual Integrations
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#20
Pyrene
Concen: 0.063 ng/ul m
RT: 19.554 min Scan# 3666
Delta R.T. -0.024 min
Lab File: BM048197.D
Acq: 22 Oct 2024 17:47



Tgt Ion:202 Resp: 5504
Ion Ratio Lower Upper
202 100
101 22.1 10.6 16.0#
100 15.8 8.1 12.1#

