

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048196.D
 Acq On : 22 Oct 2024 17:11
 Operator : RC/JU
 Sample : P4380-05DL 5X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27H6DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 22 17:47:37 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	6544	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.551	136	20650	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.400	164	12919	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.141	188	24128	0.400	ng/ul	-0.03
17) Chrysene-d12	21.312	240	19338	0.400	ng/ul	-0.02
23) Perylene-d12	23.571	264	17924m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.235	96	6440	0.724	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.152	152	2144	0.074	ng/ul	-0.04
18) Fluoranthene-d10	19.165	212	4935	0.088	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.601	128	645441	11.501	ng/ul	95
7) 2-Methylnaphthalene	12.223	142	43540	1.356	ng/ul	100
8) 1-Methylnaphthalene	12.443	142	36282	0.982	ng/ul	98
10) Acenaphthylene	14.118	152	39711	0.665	ng/ul	99
11) Acenaphthene	14.460	153	11709	0.275	ng/ul	99
12) Fluorene	15.450	166	20956	0.459	ng/ul	99
14) Pentachlorophenol	16.803	266	177	0.022	ng/ul	95
15) Phenanthrene	17.179	178	55590	0.912	ng/ul	99
16) Anthracene	17.272	178	5888m	0.102	ng/ul	
19) Fluoranthene	19.197	202	13069	0.172	ng/ul	98
20) Pyrene	19.555	202	8053	0.099	ng/ul#	93

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

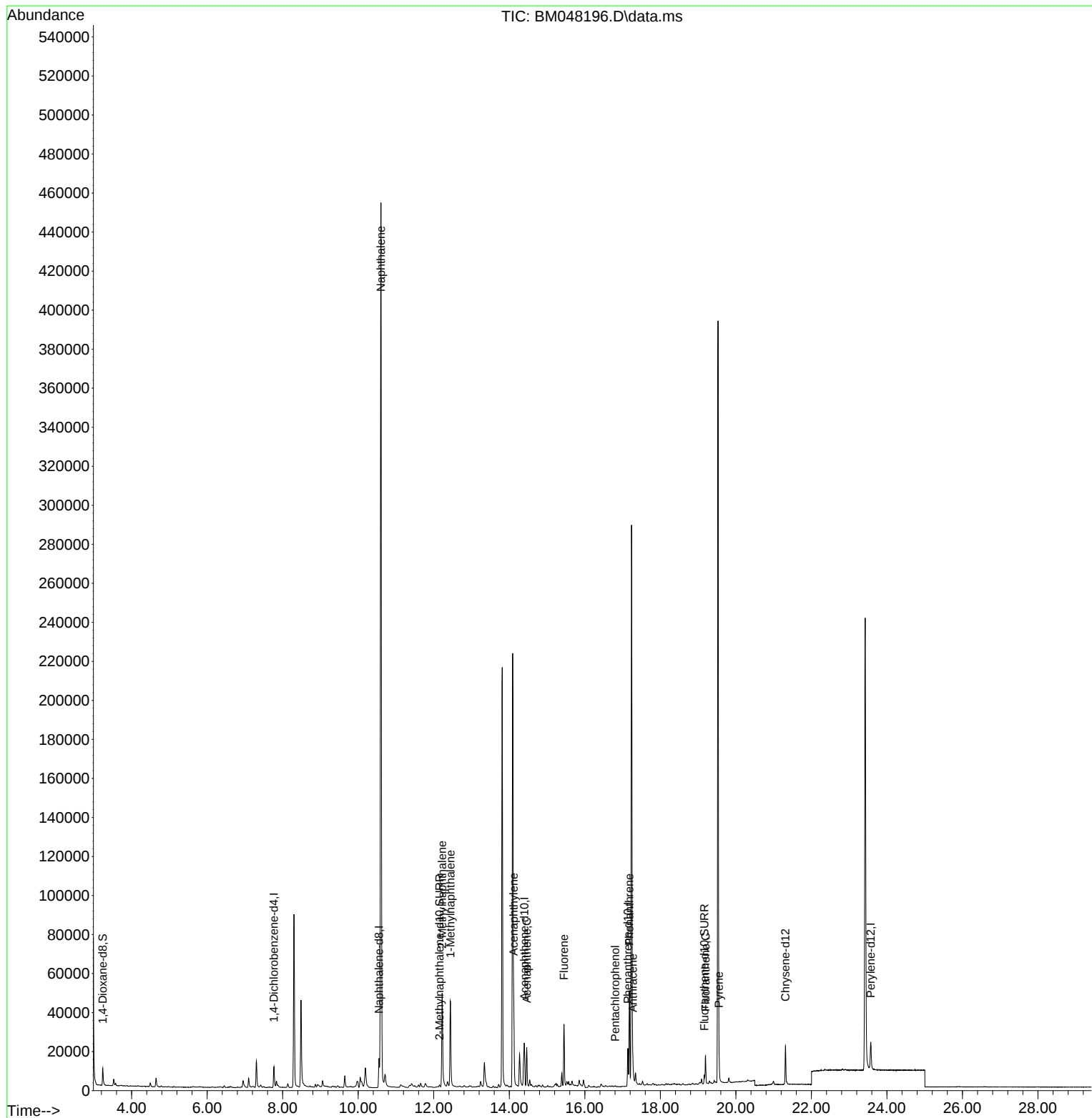
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
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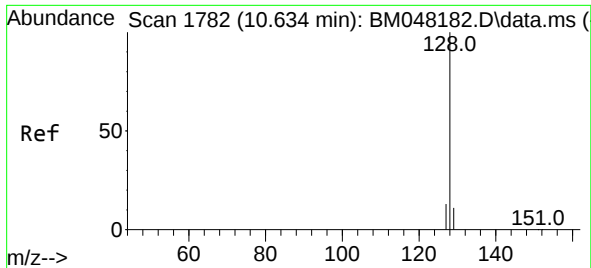
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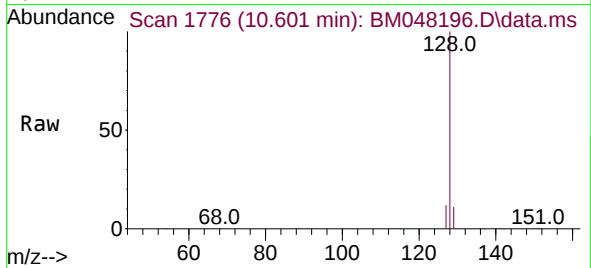
Quant Time: Oct 22 17:47:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
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#5
Naphthalene
Concen: 11.501 ng/ul
RT: 10.601 min Scan# 1776
Delta R.T. -0.033 min
Lab File: BM048196.D
Acq: 22 Oct 2024 17:11

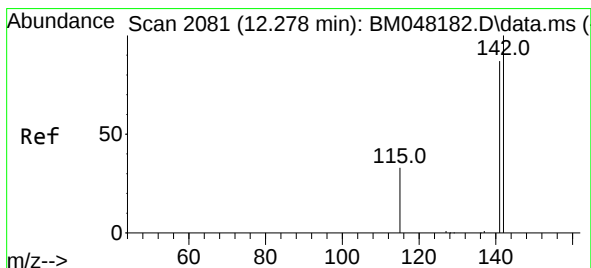
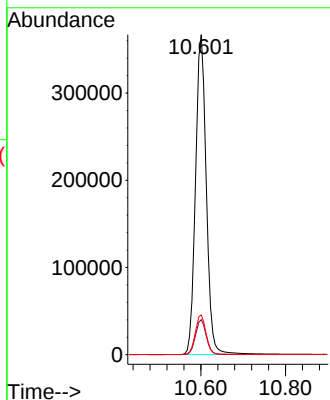
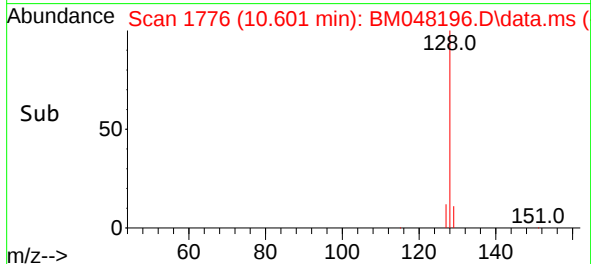
Instrument :
BNA_M
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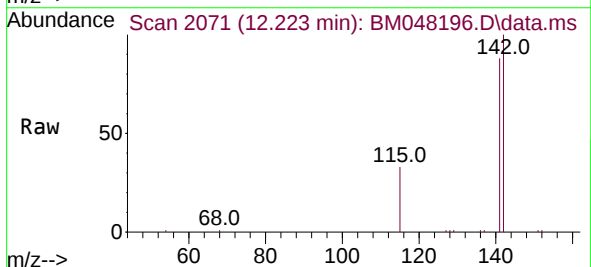
Tgt Ion:128 Resp: 64544
Ion Ratio Lower Upper
128 100
129 11.0 10.6 15.8
127 12.5 11.3 16.9

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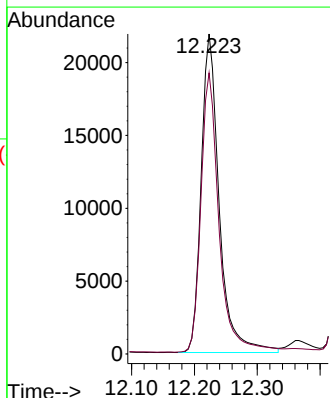
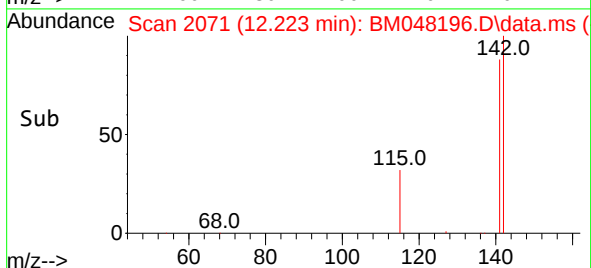
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024

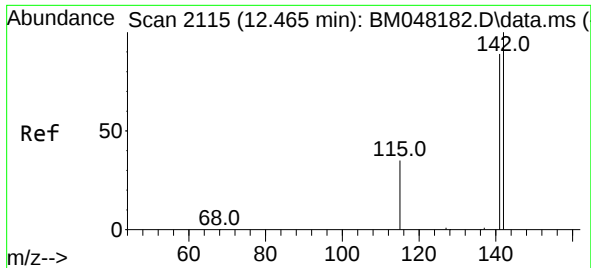


#7
2-Methylnaphthalene
Concen: 1.356 ng/ul
RT: 12.223 min Scan# 2071
Delta R.T. -0.055 min
Lab File: BM048196.D
Acq: 22 Oct 2024 17:11



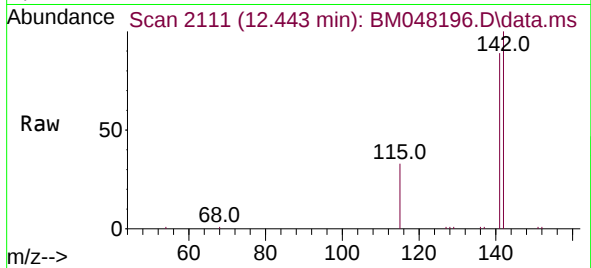
Tgt Ion:142 Resp: 43540
Ion Ratio Lower Upper
142 100
141 89.6 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.982 ng/ul
RT: 12.443 min Scan# 2111
Delta R.T. -0.022 min
Lab File: BM048196.D
Acq: 22 Oct 2024 17:11

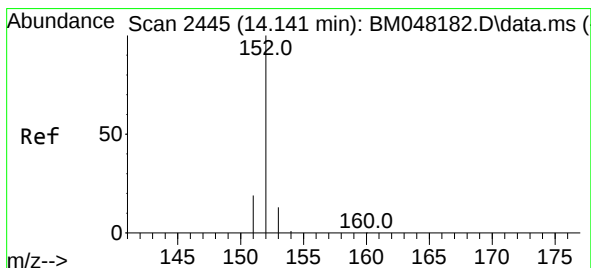
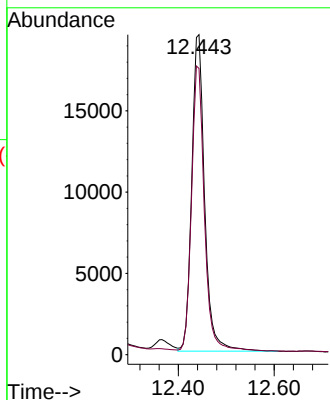
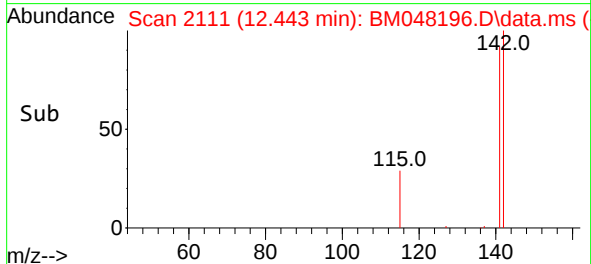
Instrument :
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E27H6DL



Tgt Ion:142 Resp: 3628
Ion Ratio Lower Upper
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141 89.8 73.8 110.6

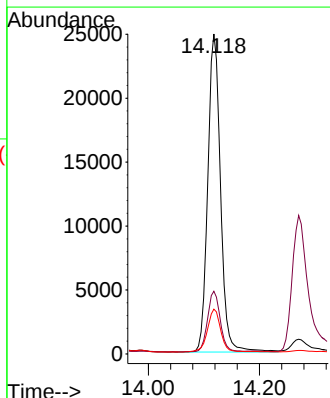
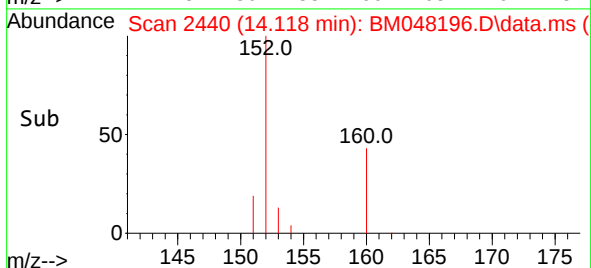
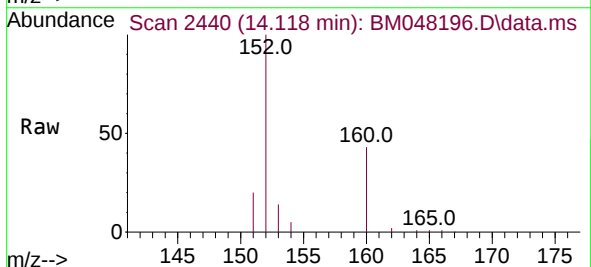
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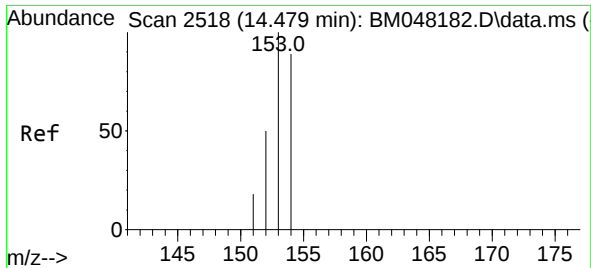
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



#10
Acenaphthylene
Concen: 0.665 ng/ul
RT: 14.118 min Scan# 2440
Delta R.T. -0.023 min
Lab File: BM048196.D
Acq: 22 Oct 2024 17:11

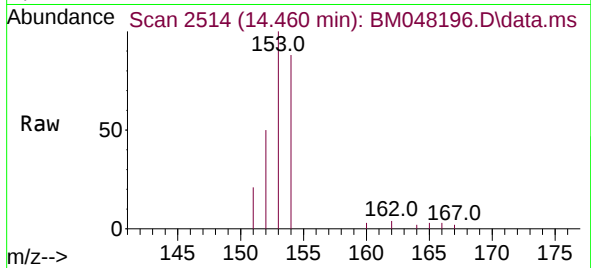
Tgt Ion:152 Resp: 39711
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.4
153 14.0 11.7 17.5





#11
Acenaphthene
Concen: 0.275 ng/ul
RT: 14.460 min Scan# 2114
Delta R.T. -0.019 min
Lab File: BM048196.D
Acq: 22 Oct 2024 17:11

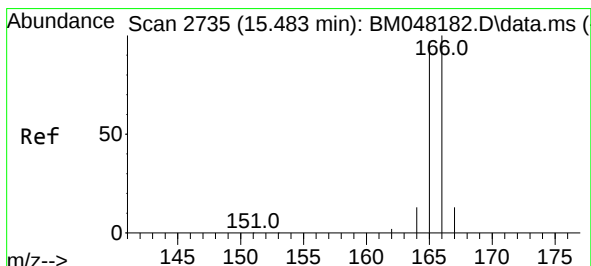
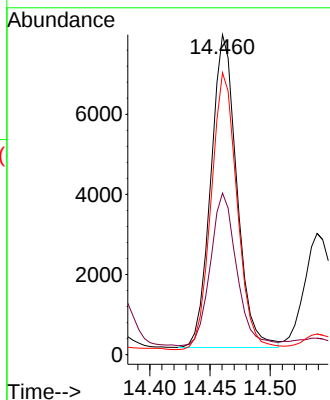
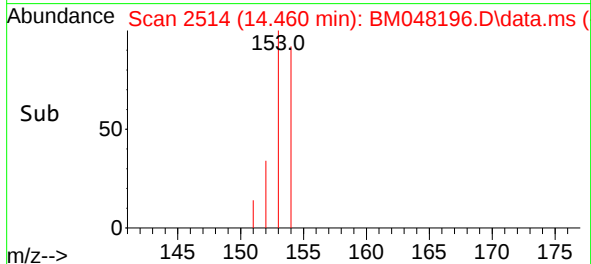
Instrument :
BNA_M
ClientSampleId :
E27H6DL



Tgt Ion:153 Resp: 11709
Ion Ratio Lower Upper
153 100
152 50.5 40.9 61.3
154 88.1 71.0 106.4

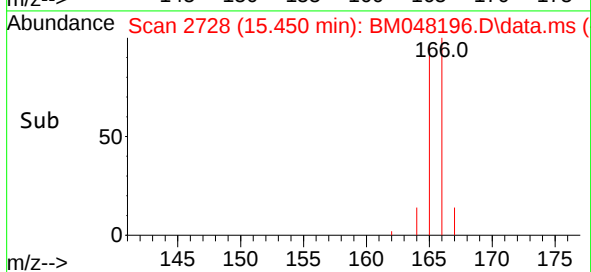
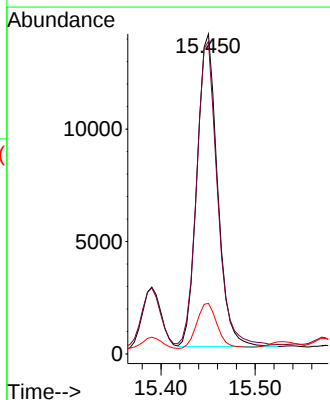
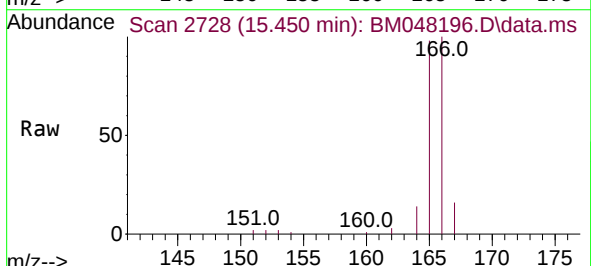
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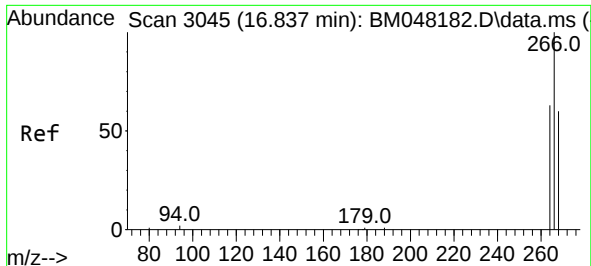
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#12
Fluorene
Concen: 0.459 ng/ul
RT: 15.450 min Scan# 2728
Delta R.T. -0.032 min
Lab File: BM048196.D
Acq: 22 Oct 2024 17:11

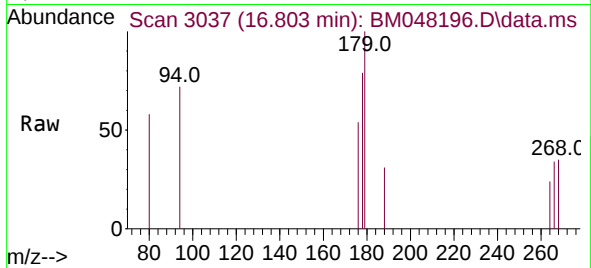
Tgt Ion:166 Resp: 20956
Ion Ratio Lower Upper
166 100
165 97.6 79.1 118.7
167 15.8 12.0 18.0





#14
Pentachlorophenol
Concen: 0.022 ng/u1
RT: 16.803 min Scan# 3045
Delta R.T. -0.034 min
Lab File: BM048196.D
Acq: 22 Oct 2024 17:11

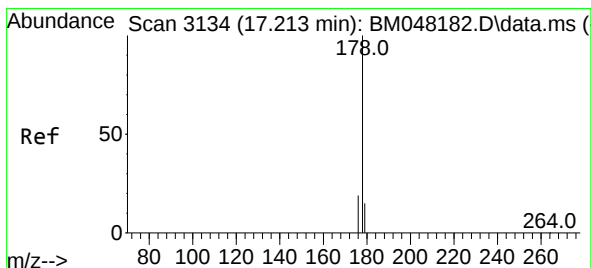
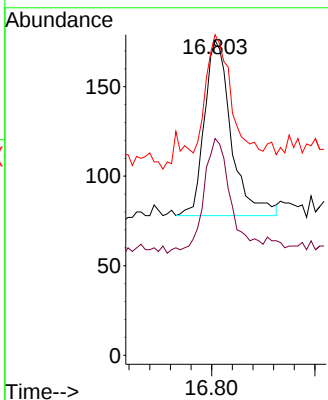
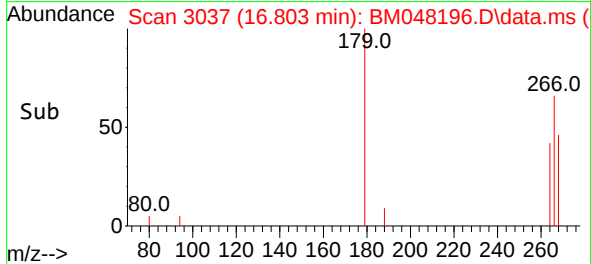
Instrument :
BNA_M
ClientSampleId :
E27H6DL



Tgt Ion:266 Resp: 177
Ion Ratio Lower Upper
266 100
264 66.7 50.2 75.2
268 68.9 51.8 77.6

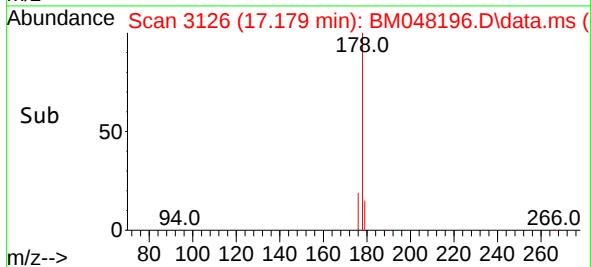
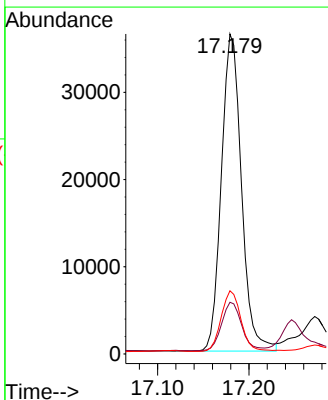
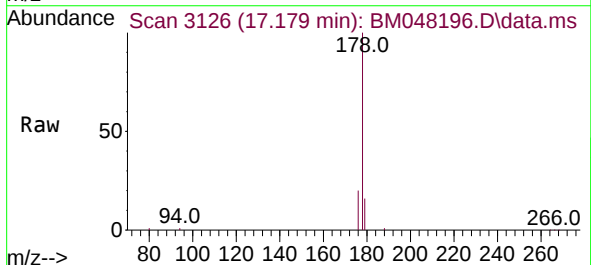
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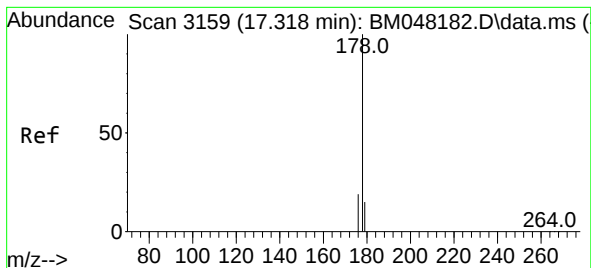
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



#15
Phenanthrene
Concen: 0.912 ng/u1
RT: 17.179 min Scan# 3126
Delta R.T. -0.034 min
Lab File: BM048196.D
Acq: 22 Oct 2024 17:11

Tgt Ion:178 Resp: 55590
Ion Ratio Lower Upper
178 100
179 16.2 13.2 19.8
176 19.8 16.0 24.0





#16

Anthracene

Concen: 0.102 ng/ul m

RT: 17.272 min Scan# 3159

Delta R.T. -0.046 min

Lab File: BM048196.D

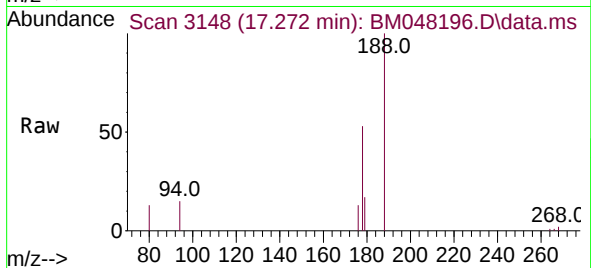
Acq: 22 Oct 2024 17:11

Instrument :

BNA_M

ClientSampleId :

E27H6DL



Tgt Ion:178 Resp: 588

Ion Ratio Lower Upper

178 100

179 31.6 14.5 21.7

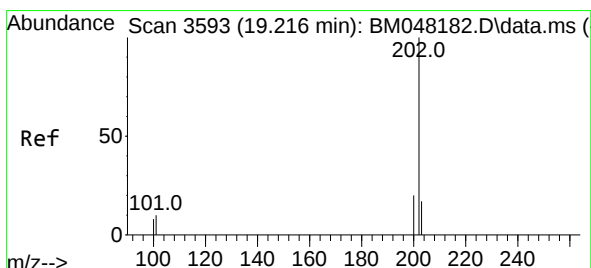
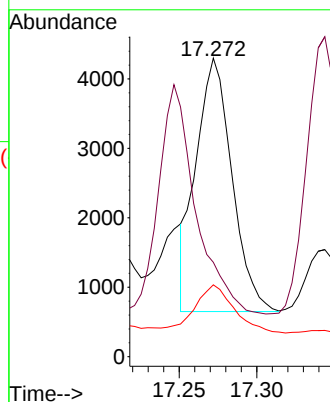
176 24.1 16.0 24.0

Manual Integrations

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#19

Fluoranthene

Concen: 0.172 ng/ul

RT: 19.197 min Scan# 3589

Delta R.T. -0.019 min

Lab File: BM048196.D

Acq: 22 Oct 2024 17:11

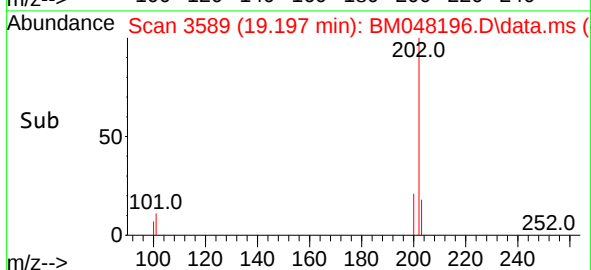
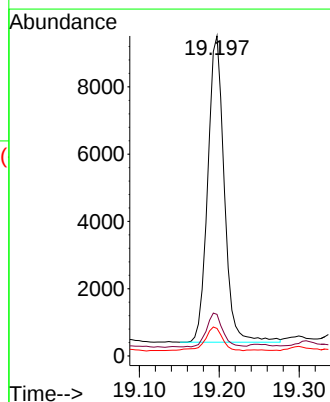
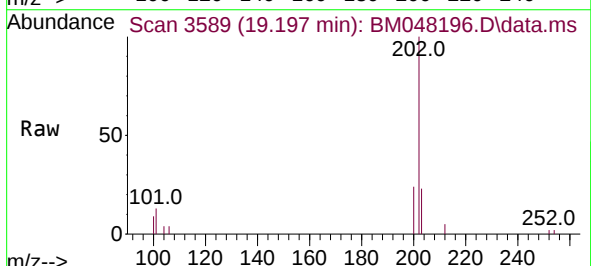
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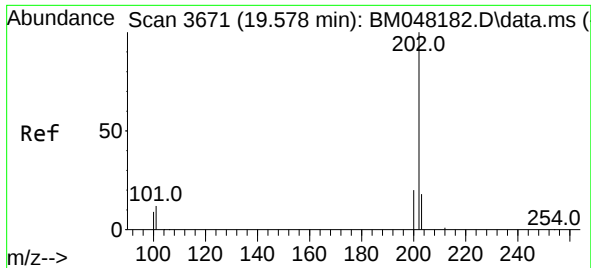
Ion Ratio Lower Upper

202 100

101 13.0 9.3 13.9

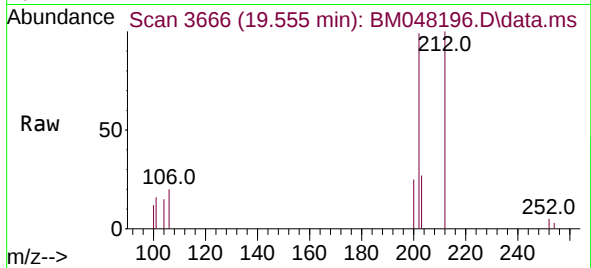
100 8.6 7.1 10.7





#20
 Pyrene
 Concen: 0.099 ng/ul
 RT: 19.555 min Scan# 30
 Delta R.T. -0.023 min
 Lab File: BM048196.D
 Acq: 22 Oct 2024 17:11

Instrument :
 BNA_M
 ClientSampleId :
 E27H6DL



Tgt Ion:202 Resp: 805
 Ion Ratio Lower Upper
 202 100
 101 15.8 10.6 16.0
 100 12.6 8.1 12.1

Manual Integrations
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