

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048172.D
 Acq On : 22 Oct 2024 02:04
 Operator : RC/JU
 Sample : P4380-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27J1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/23/2024

Quant Time: Oct 22 02:34:09 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 : Mon Oct 21 23:11:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.767	152	6490	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.556	136	19782	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.399	164	17912	0.400	ng/ul	#-0.02
13) Phenanthrene-d10	17.140	188	22949m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.313	240	17737m	0.400	ng/ul	-0.02
23) Perylene-d12	23.575	264	15076m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.235	96	39047	4.426	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.145	152	13305	0.483	ng/ul	-0.06
18) Fluoranthene-d10	19.168	212	25268m	0.490	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.605	128	1453875	27.043	ng/ul	95
7) 2-Methylnaphthalene	12.222	142	119223	3.876	ng/ul	98
8) 1-Methylnaphthalene	12.442	142	121942	3.445	ng/ul	98
10) Acenaphthylene	14.121	152	133156	1.609	ng/ul	99
11) Acenaphthene	14.464	153	84144	1.423	ng/ul	98
12) Fluorene	15.449	166	113288	1.788	ng/ul	98
14) Pentachlorophenol	16.802	266	1401m	0.182	ng/ul	
15) Phenanthrene	17.182	178	211774m	3.651	ng/ul	
16) Anthracene	17.275	178	31142m	0.568	ng/ul	
19) Fluoranthene	19.196	202	42714m	0.614	ng/ul	
20) Pyrene	19.559	202	24775m	0.331	ng/ul	

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

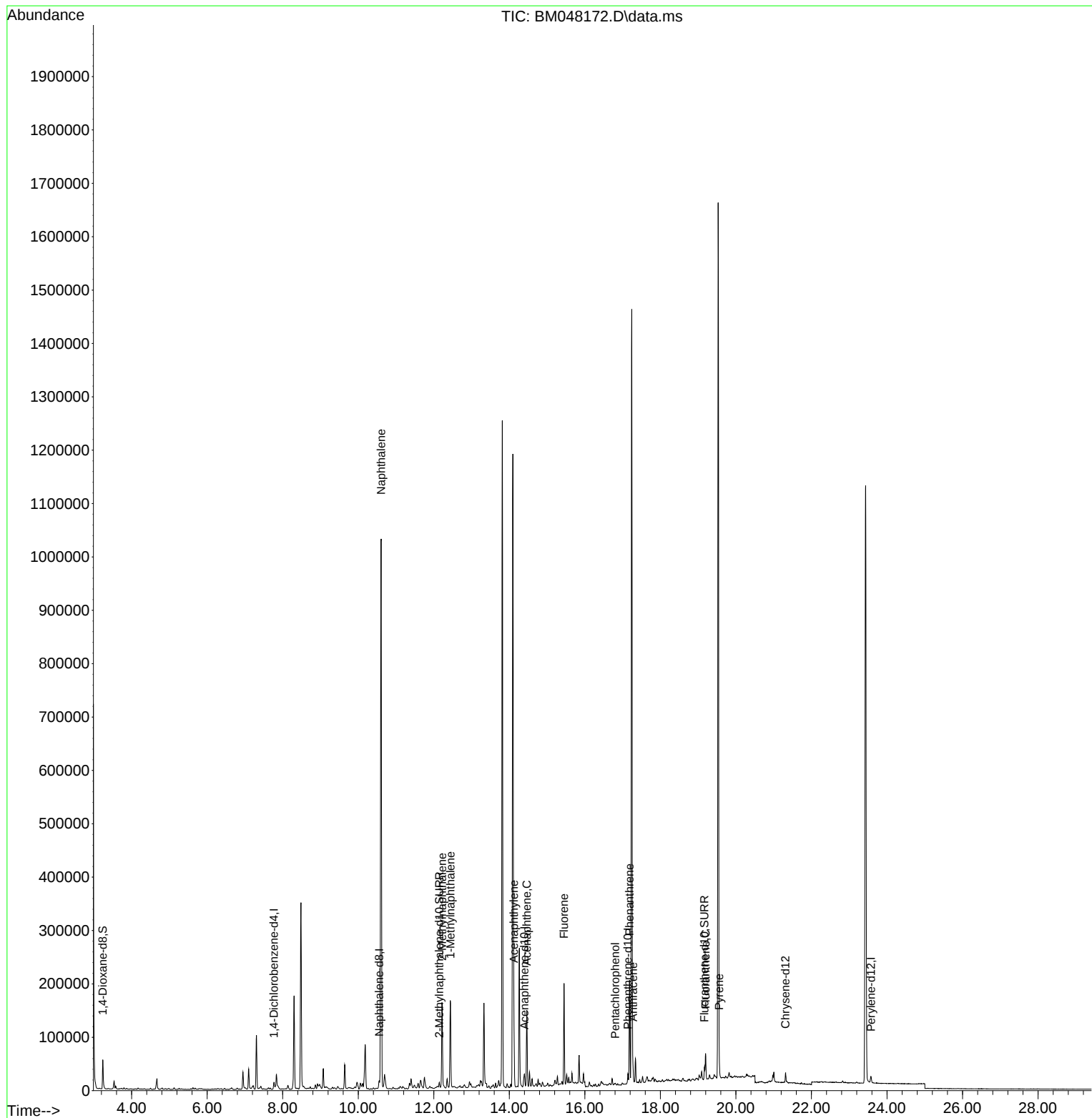
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048172.D
Acq On : 22 Oct 2024 02:04
Operator : RC/JU
Sample : P4380-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

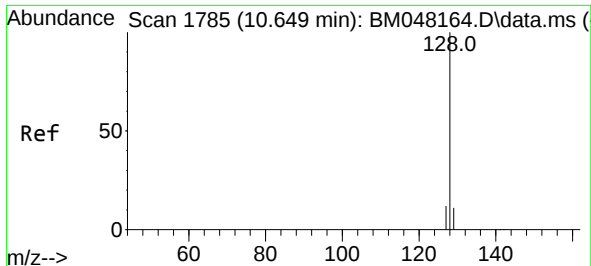
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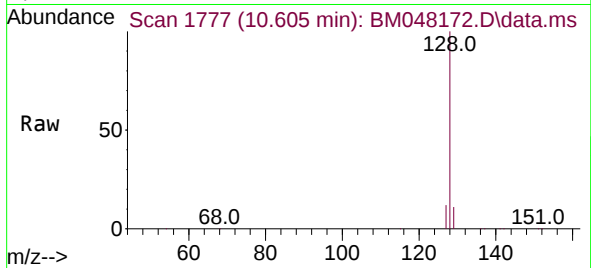
Quant Time: Oct 22 02:34:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
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#5
Naphthalene
Concen: 27.043 ng/ul
RT: 10.605 min Scan# 1777
Delta R.T. -0.033 min
Lab File: BM048172.D
Acq: 22 Oct 2024 02:04

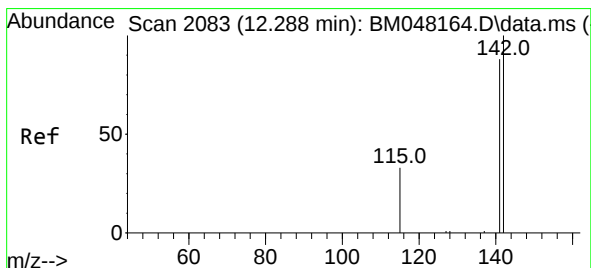
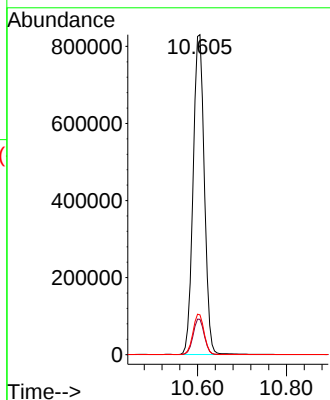
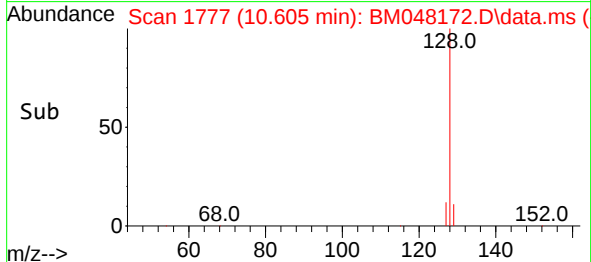
Instrument :
BNA_M
ClientSampleId :
E27J1



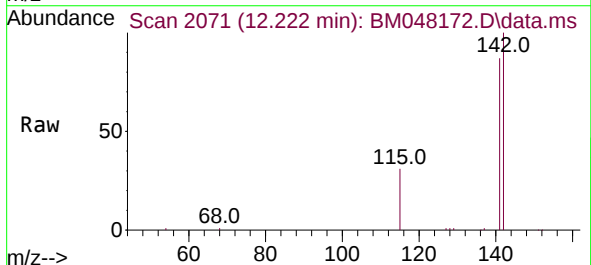
Tgt Ion:128 Resp: 145387
Ion Ratio Lower Upper
128 100
129 11.0 10.6 15.8
127 12.4 11.3 16.9

Manual Integrations
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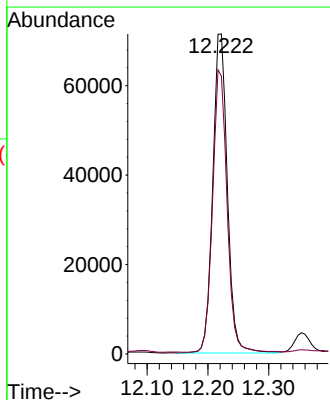
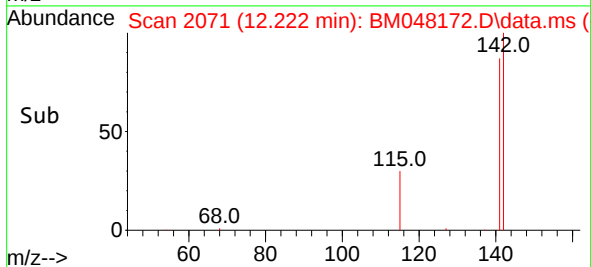
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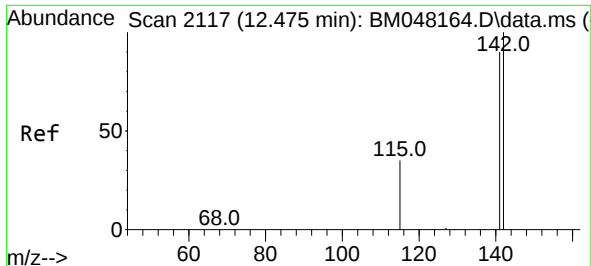


#7
2-Methylnaphthalene
Concen: 3.876 ng/ul
RT: 12.222 min Scan# 2071
Delta R.T. -0.050 min
Lab File: BM048172.D
Acq: 22 Oct 2024 02:04



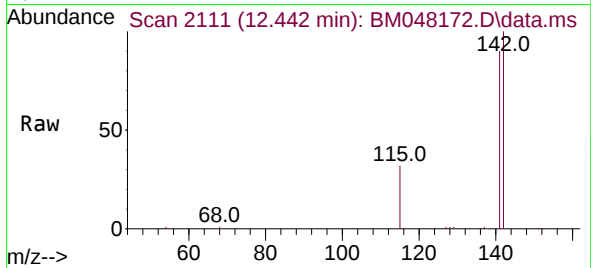
Tgt Ion:142 Resp: 119223
Ion Ratio Lower Upper
142 100
141 87.6 71.9 107.9





#8
1-Methylnaphthalene
Concen: 3.445 ng/ul
RT: 12.442 min Scan# 2111
Delta R.T. -0.028 min
Lab File: BM048172.D
Acq: 22 Oct 2024 02:04

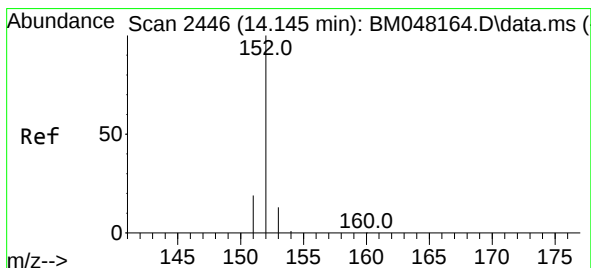
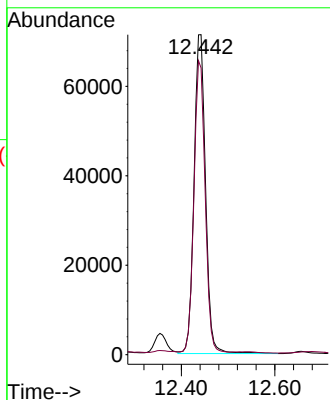
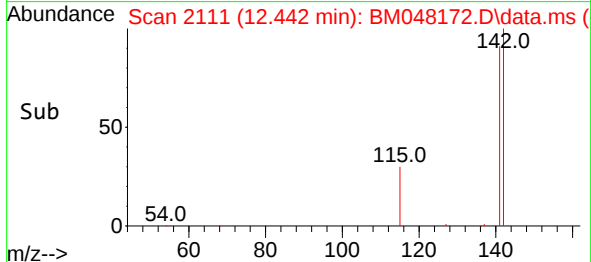
Instrument :
BNA_M
ClientSampleId :
E27J1



Tgt Ion:142 Resp: 12194
Ion Ratio Lower Upper
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141 90.4 73.8 110.6

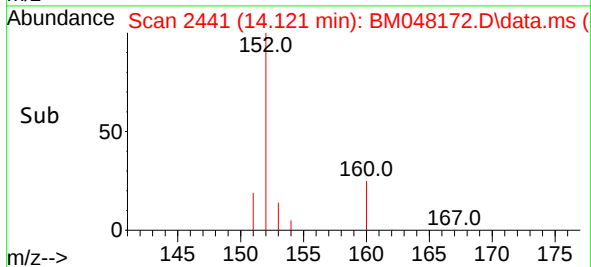
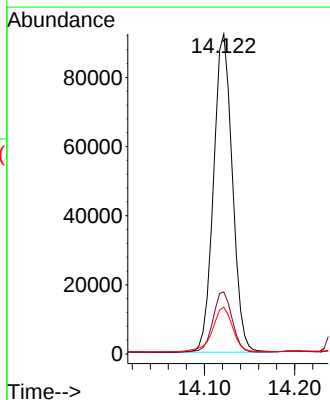
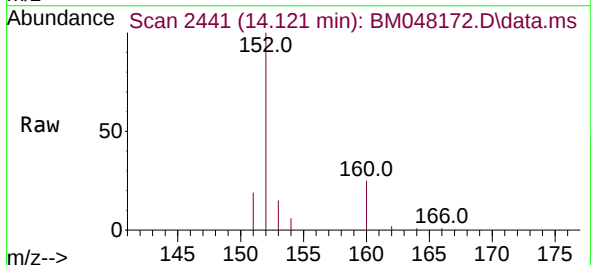
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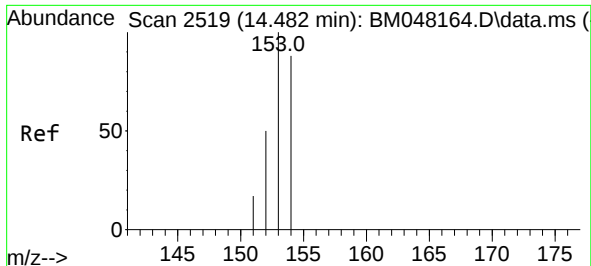
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#10
Acenaphthylene
Concen: 1.609 ng/ul
RT: 14.121 min Scan# 2441
Delta R.T. -0.023 min
Lab File: BM048172.D
Acq: 22 Oct 2024 02:04

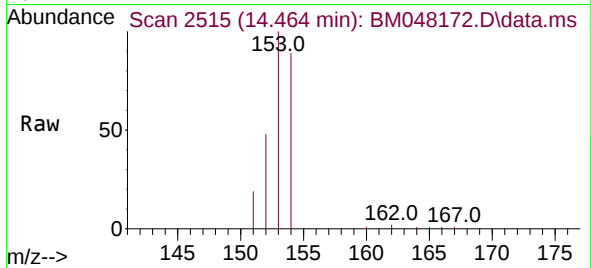
Tgt Ion:152 Resp: 133156
Ion Ratio Lower Upper
152 100
151 19.4 16.2 24.4
153 14.6 11.7 17.5





#11
Acenaphthene
Concen: 1.423 ng/ul
RT: 14.464 min Scan# 2153
Delta R.T. -0.019 min
Lab File: BM048172.D
Acq: 22 Oct 2024 02:04

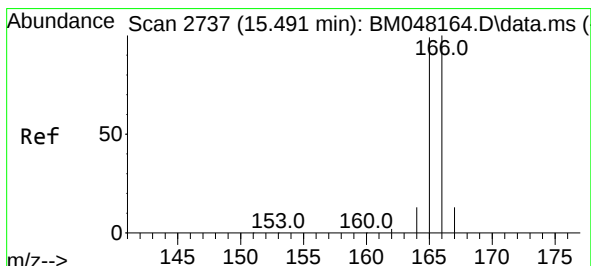
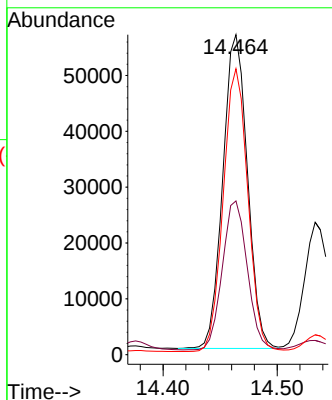
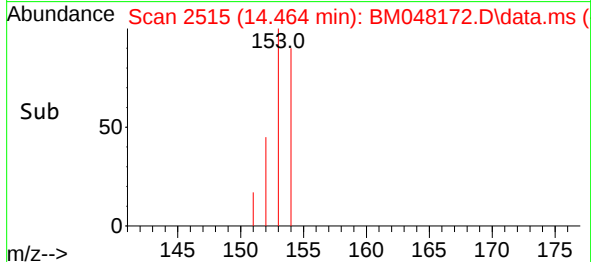
Instrument :
BNA_M
ClientSampleId :
E27J1



Tgt Ion:153 Resp: 84144
Ion Ratio Lower Upper
153 100
152 48.0 40.9 61.3
154 89.3 71.0 106.4

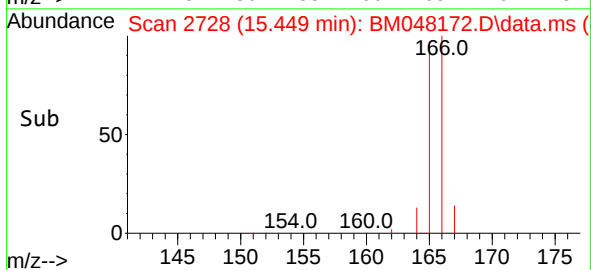
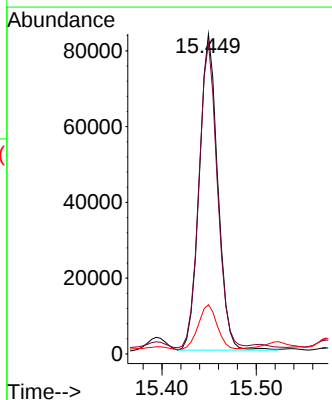
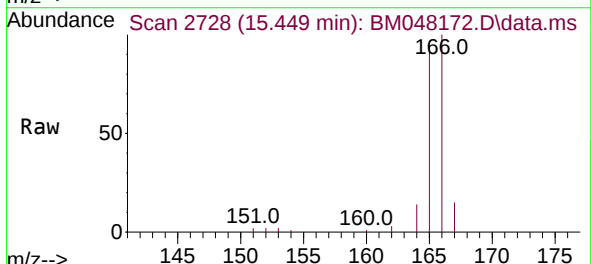
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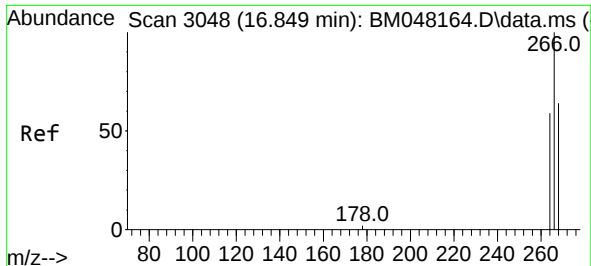
Reviewed By :Yogesh Patel 10/22/2024
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#12
Fluorene
Concen: 1.788 ng/ul
RT: 15.449 min Scan# 2728
Delta R.T. -0.032 min
Lab File: BM048172.D
Acq: 22 Oct 2024 02:04

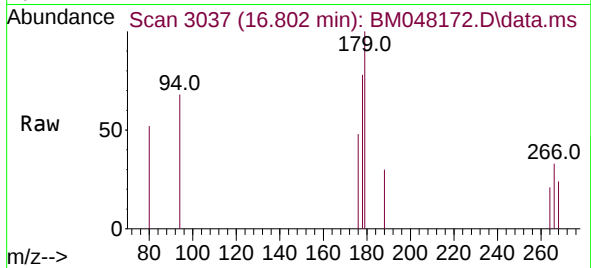
Tgt Ion:166 Resp: 113288
Ion Ratio Lower Upper
166 100
165 97.1 79.1 118.7
167 15.4 12.0 18.0





#14
Pentachlorophenol
Concen: 0.182 ng/ul m
RT: 16.802 min Scan# 3048
Delta R.T. -0.038 min
Lab File: BM048172.D
Acq: 22 Oct 2024 02:04

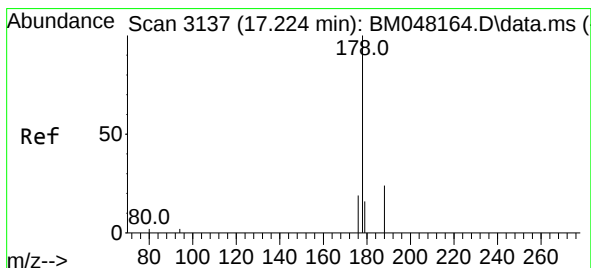
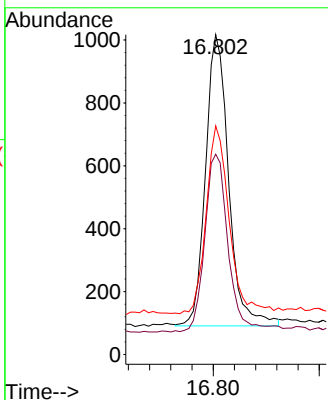
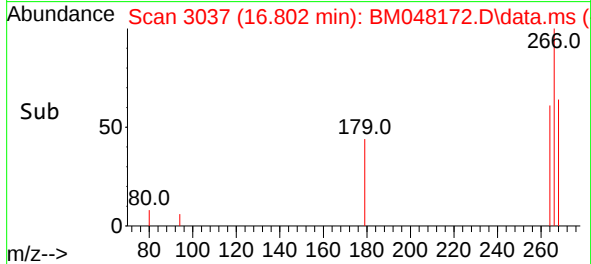
Instrument :
BNA_M
ClientSampleId :
E27J1



Tgt Ion:266 Resp: 140
Ion Ratio Lower Upper
266 100
264 0.0 50.2 75.2
268 0.0 51.8 77.6

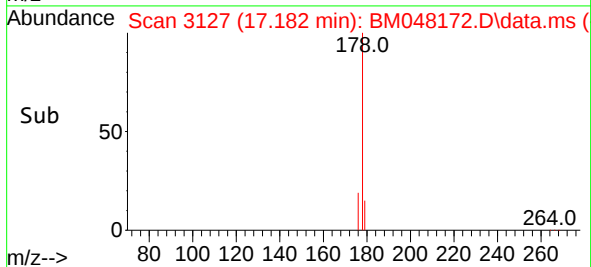
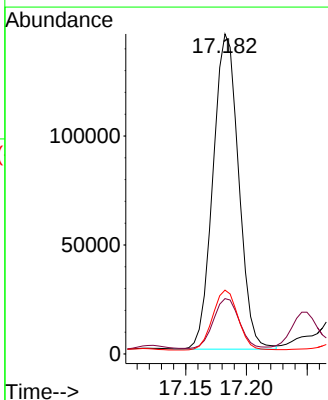
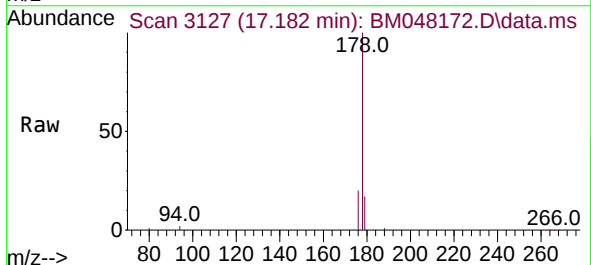
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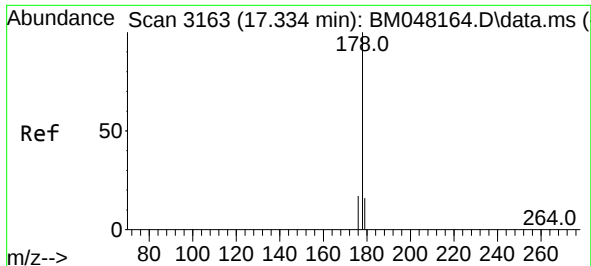
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#15
Phenanthrene
Concen: 3.651 ng/ul m
RT: 17.182 min Scan# 3127
Delta R.T. -0.034 min
Lab File: BM048172.D
Acq: 22 Oct 2024 02:04

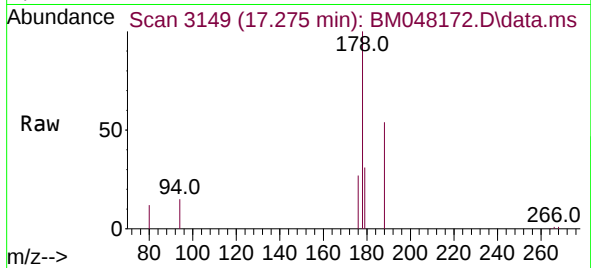
Tgt Ion:178 Resp: 211774
Ion Ratio Lower Upper
178 100
179 17.3 13.2 19.8
176 19.9 16.0 24.0





#16
 Anthracene
 Concen: 0.568 ng/ul m
 RT: 17.275 min Scan# 3114
 Delta R.T. -0.046 min
 Lab File: BM048172.D
 Acq: 22 Oct 2024 02:04

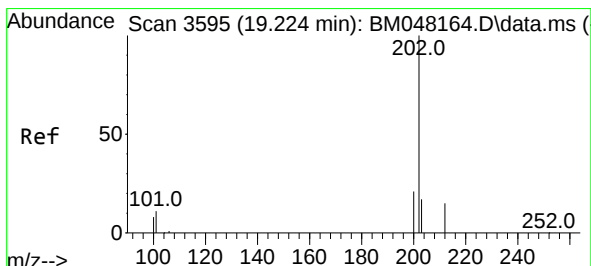
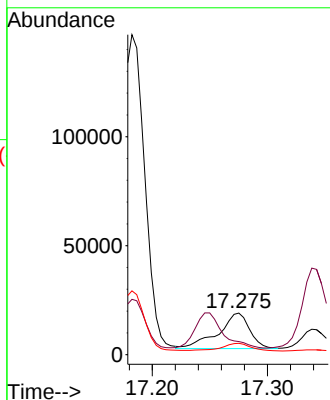
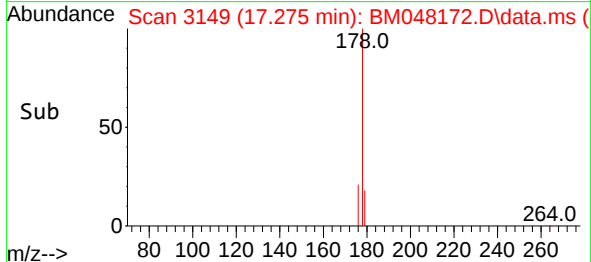
Instrument :
 BNA_M
 ClientSampleId :
 E27J1



Tgt Ion:178 Resp: 3114
 Ion Ratio Lower Upper
 178 100
 179 31.4 14.5 21.7
 176 27.5 16.0 24.0

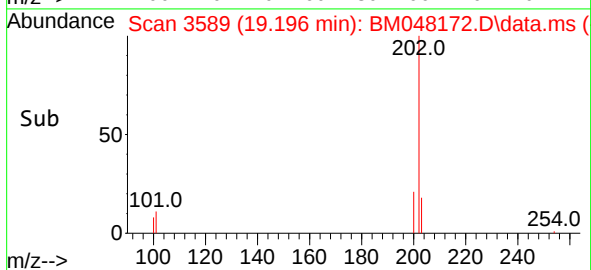
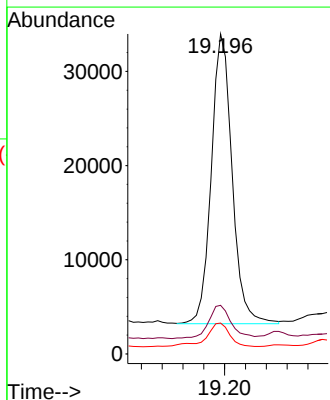
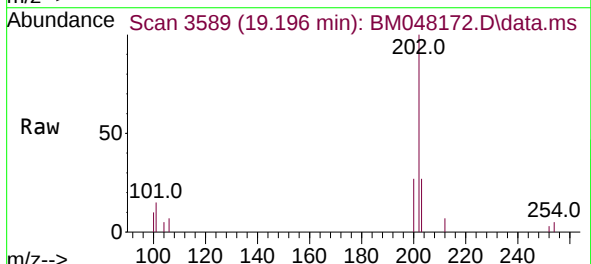
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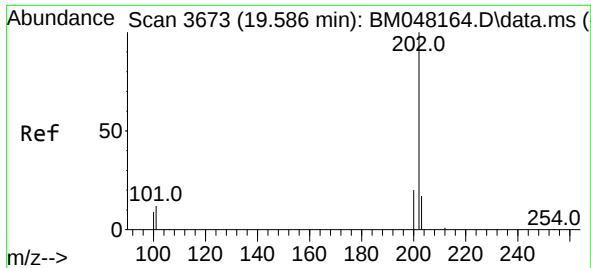
Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/23/2024



#19
 Fluoranthene
 Concen: 0.614 ng/ul m
 RT: 19.196 min Scan# 3589
 Delta R.T. -0.023 min
 Lab File: BM048172.D
 Acq: 22 Oct 2024 02:04

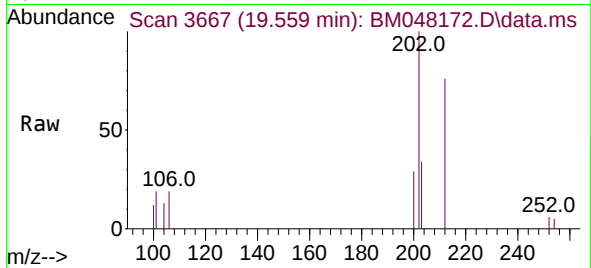
Tgt Ion:202 Resp: 42714
 Ion Ratio Lower Upper
 202 100
 101 15.2 9.3 13.9
 100 9.6 7.1 10.7





#20
Pyrene
Concen: 0.331 ng/ul m
RT: 19.559 min Scan# 30
Delta R.T. -0.023 min
Lab File: BM048172.D
Acq: 22 Oct 2024 02:04

Instrument :
BNA_M
ClientSampleId :
E27J1



Tgt Ion:202 Resp: 24775
Ion Ratio Lower Upper
202 100
101 18.9 10.6 16.0
100 11.8 8.1 12.1

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