Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049650.D
Acq On : 13 Feb 2025 15:26
Operator : RC/JU
Sample : Q1202-20DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B4DL

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 02/19/2025
Supervised By :Jagrut Upadhyay 02/19/2025

Quant Time: Feb 17 17:20:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	10004	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	55029m	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.450	164	24094	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.186	188	40968m	0.400	ng/ul	0.00
17) Chrysene-d12	21.365	240	35240m	0.400	ng/ul	0.00
23) Perylene-d12	23.651	264	30971m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	5587	0.496	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	3464	0.046	ng/ul	0.00
18) Fluoranthene-d10	19.215	212	7761m	0.072	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.655	128	90987	0.667	ng/ul	99
7) 2-Methylnaphthalene	12.271	142	9730	0.110	ng/ul	98
8) 1-Methylnaphthalene	12.491	142	7758	0.086	ng/ul	98
11) Acenaphthene	14.510	153	19336	0.259	ng/ul#	79
12) Fluorene	15.495	166	11173	0.131	ng/ul#	87
14) Pentachlorophenol	16.840	266	7780m	0.927	ng/ul	
15) Phenanthrene	17.229	178	10524m	0.096	ng/ul	
16) Anthracene	17.317	178	6387m	0.064	ng/ul	
19) Fluoranthene	19.242	202	5093m	0.035	ng/ul	
20) Pyrene	19.605	202	4122m	0.027	ng/ul	

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

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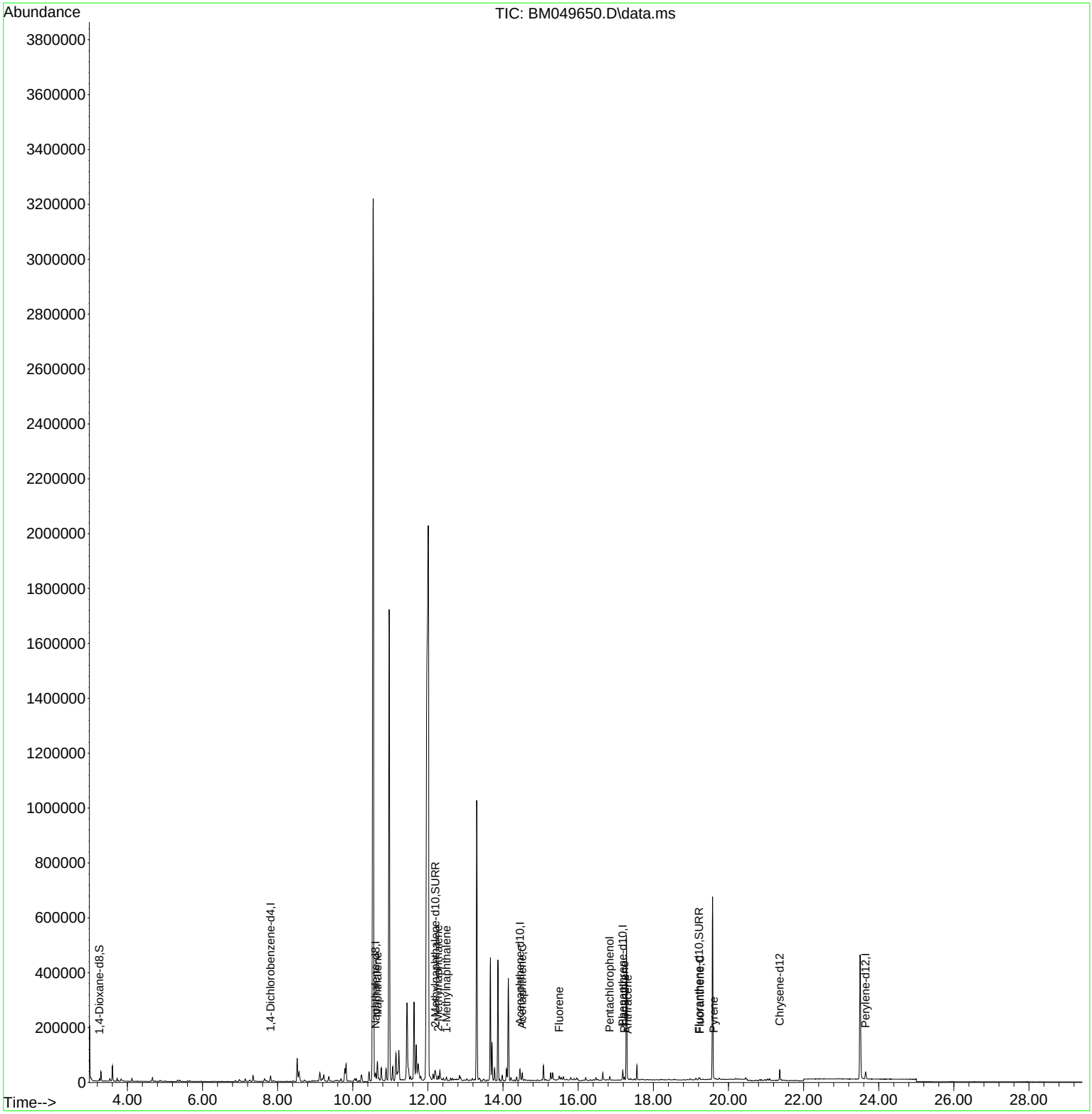
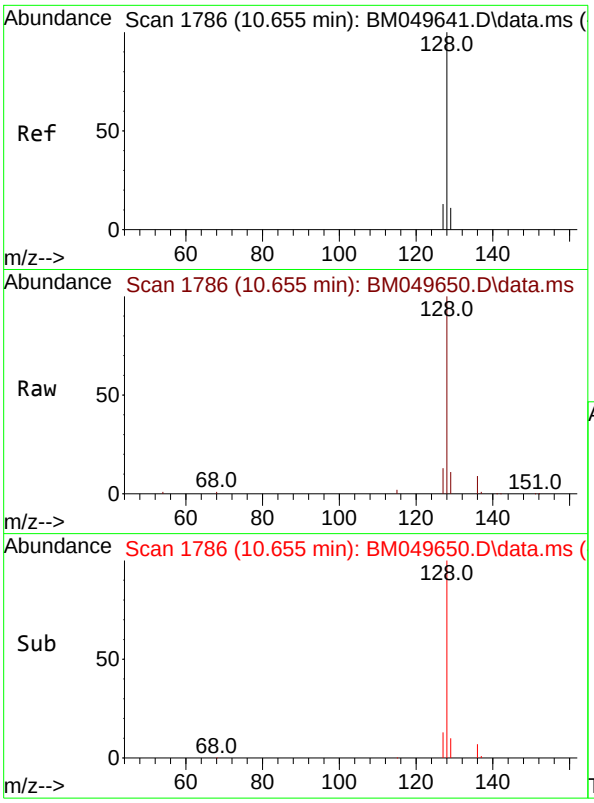
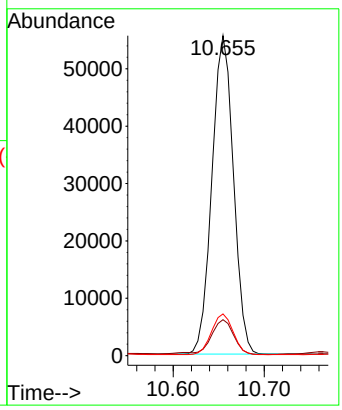




#5
Naphthalene
Concen: 0.667 ng/ul
RT: 10.655 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM049650.D
Acq: 13 Feb 2025 15:26

Tgt Ion:128 Resp: 9098

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.0
127	13.0	10.8	16.2



Instrument :
BNA_M
ClientSampleId :
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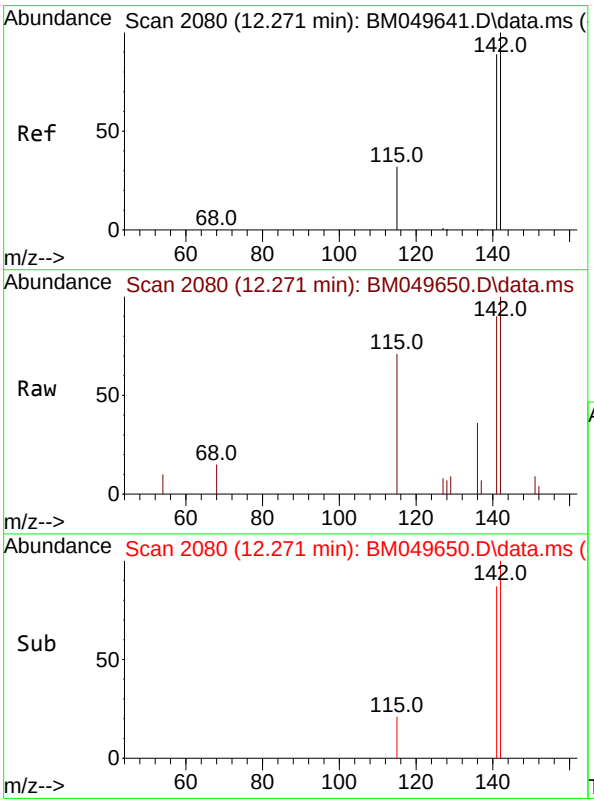
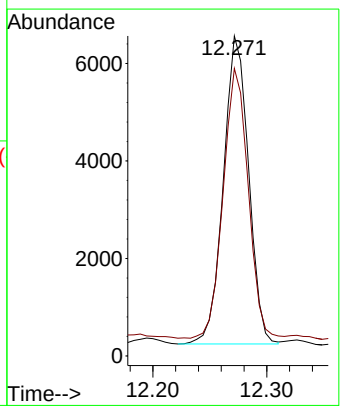
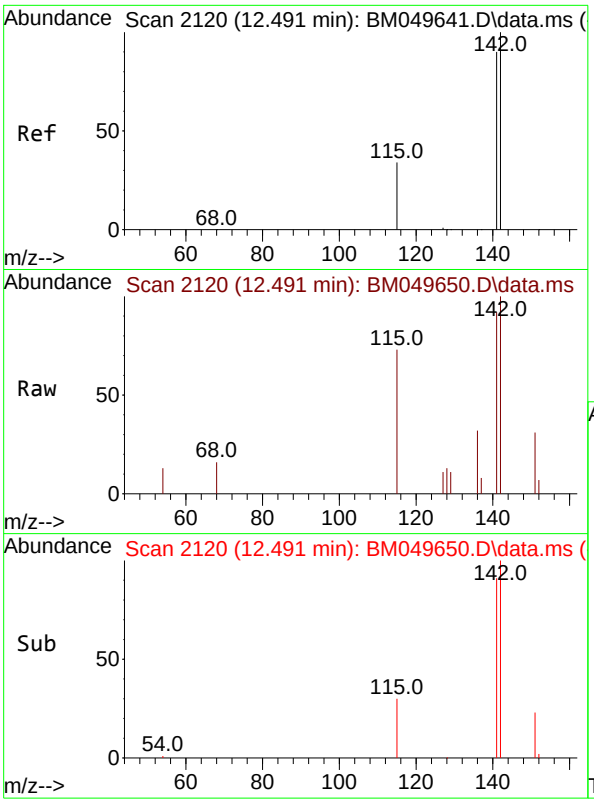


#7
2-Methylnaphthalene
Concen: 0.110 ng/ul
RT: 12.271 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BM049650.D
Acq: 13 Feb 2025 15:26

Tgt Ion:142 Resp: 9730

Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.0	106.6





#8
1-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 12.491 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM049650.D
Acq: 13 Feb 2025 15:26

Tgt Ion:142 Resp: 775

Ion	Ratio	Lower	Upper
142	100		
141	89.8	73.1	109.7

Instrument :
BNA_M
ClientSampleId :
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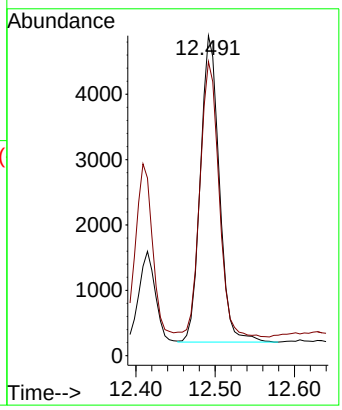
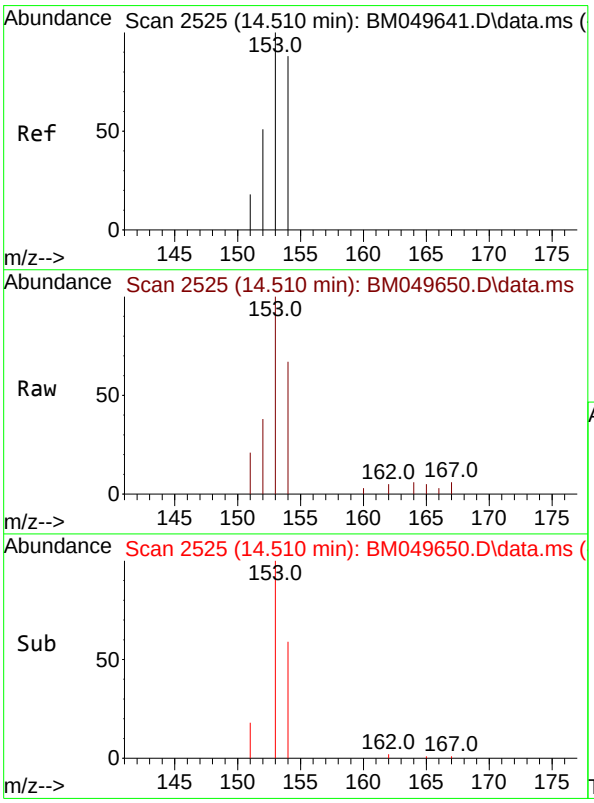
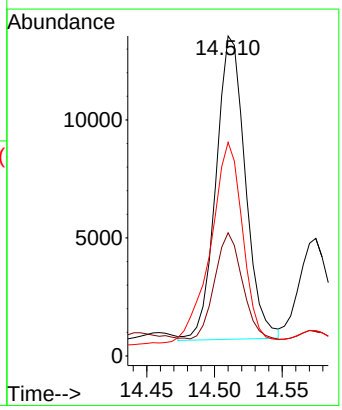


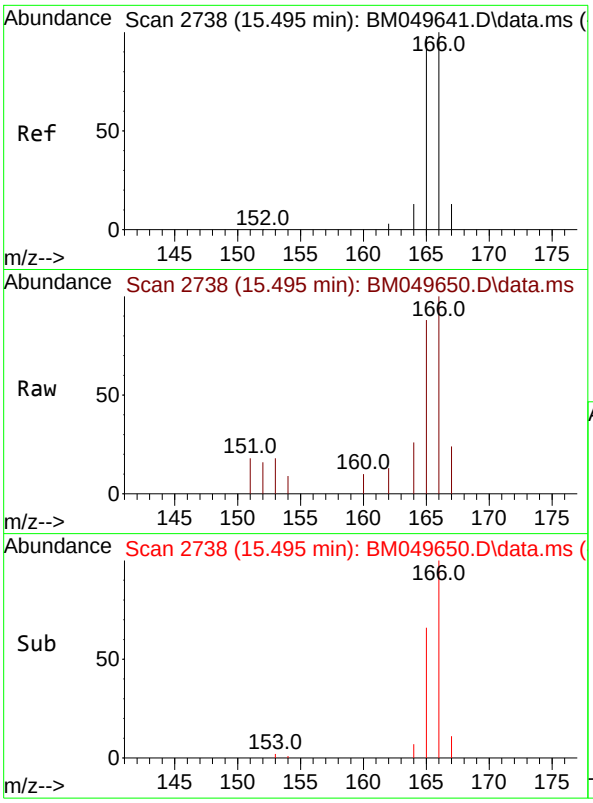


#11
Acenaphthene
Concen: 0.259 ng/ul
RT: 14.510 min Scan# 2525
Delta R.T. -0.005 min
Lab File: BM049650.D
Acq: 13 Feb 2025 15:26

Tgt Ion:153 Resp: 19336

Ion	Ratio	Lower	Upper
153	100		
152	38.5	41.9	62.9#
154	66.8	70.2	105.2#

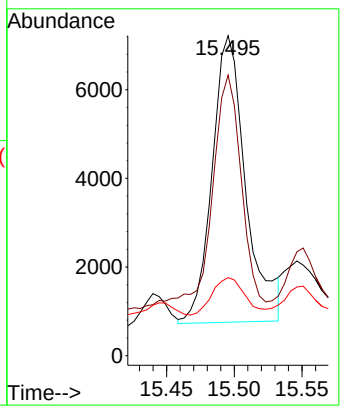




#12
Fluorene
Concen: 0.131 ng/ul
RT: 15.495 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM049650.D
Acq: 13 Feb 2025 15:26

Tgt Ion:166 Resp: 1117

Ion	Ratio	Lower	Upper
166	100		
165	87.6	79.6	119.4
167	24.4	11.4	17.2#



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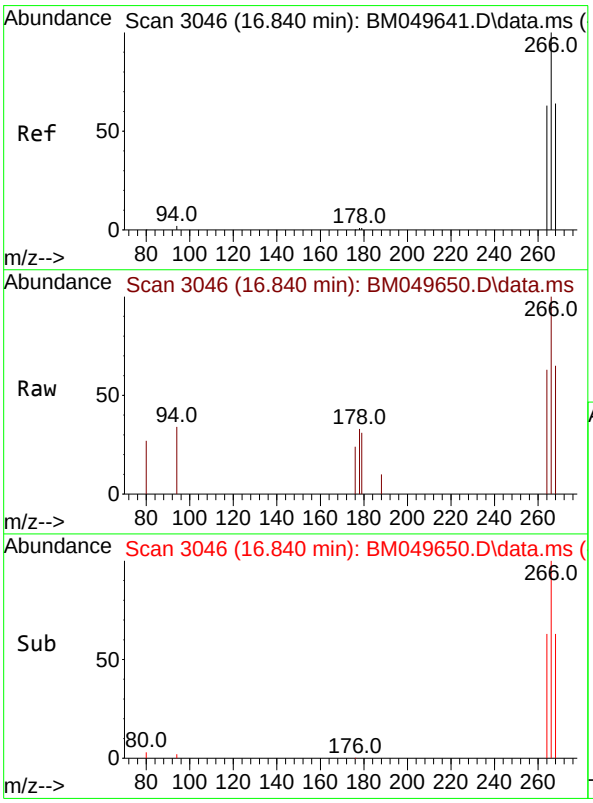
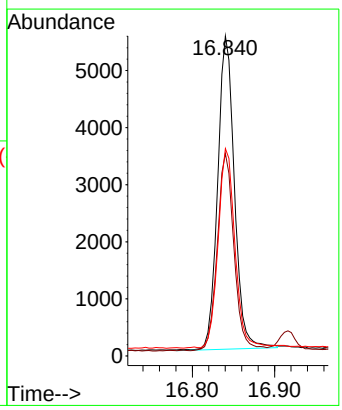
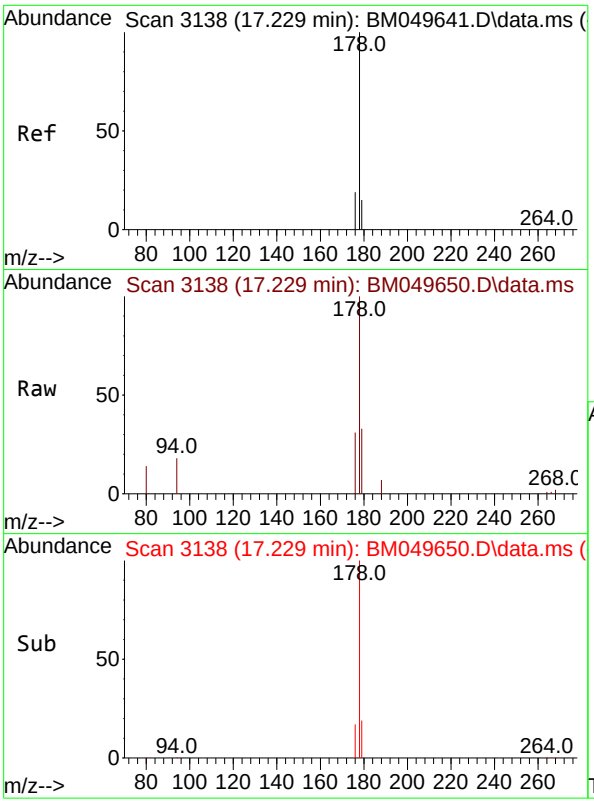


#14
Pentachlorophenol
Concen: 0.927 ng/ul m
RT: 16.840 min Scan# 3046
Delta R.T. -0.000 min
Lab File: BM049650.D
Acq: 13 Feb 2025 15:26

Tgt Ion:266 Resp: 7780

Ion	Ratio	Lower	Upper
266	100		
264	0.0	50.3	75.5#
268	0.0	49.2	73.8#

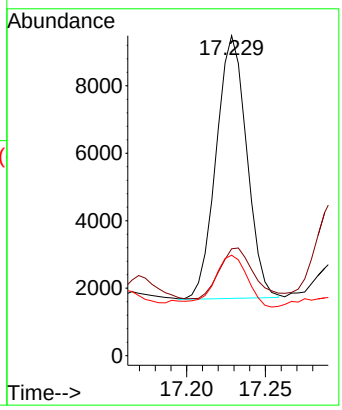




#15
Phenanthrene
Concen: 0.096 ng/ul m
RT: 17.229 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM049650.D
Acq: 13 Feb 2025 15:26

Tgt Ion:178 Resp: 1052

Ion	Ratio	Lower	Upper
178	100		
179	33.4	12.6	19.0#
176	31.4	16.2	24.2#



Instrument :
BNA_M
ClientSampleId :
E29B4DL

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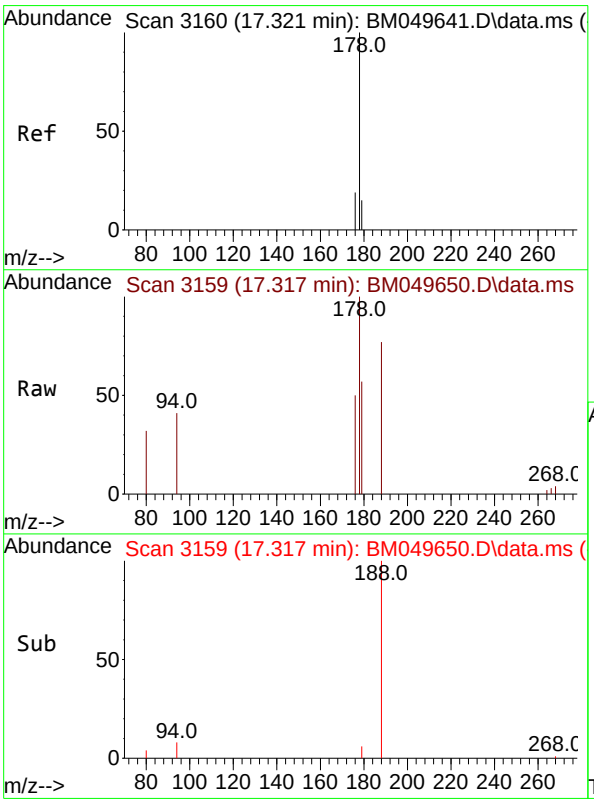
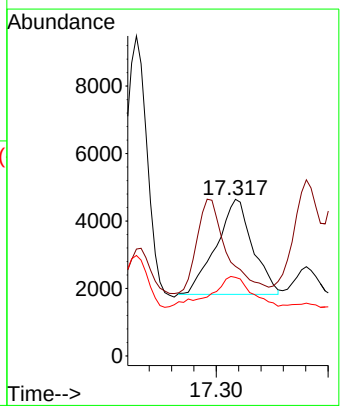
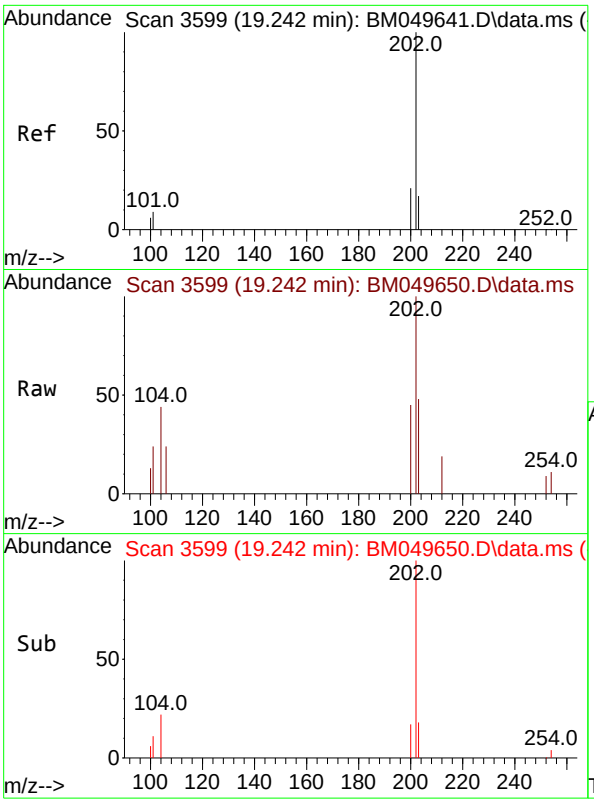


#16
Anthracene
Concen: 0.064 ng/ul m
RT: 17.317 min Scan# 3159
Delta R.T. -0.004 min
Lab File: BM049650.D
Acq: 13 Feb 2025 15:26

Tgt Ion:178 Resp: 6387

Ion	Ratio	Lower	Upper
178	100		
179	57.2	12.9	19.3#
176	50.2	15.8	23.6#

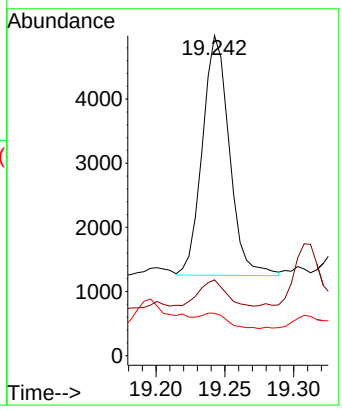




#19
Fluoranthene
Concen: 0.035 ng/ul m
RT: 19.242 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM049650.D
Acq: 13 Feb 2025 15:26

Tgt Ion:202 Resp: 509

Ion	Ratio	Lower	Upper
202	100		
101	23.7	6.7	10.1#
100	13.2	5.0	7.4#



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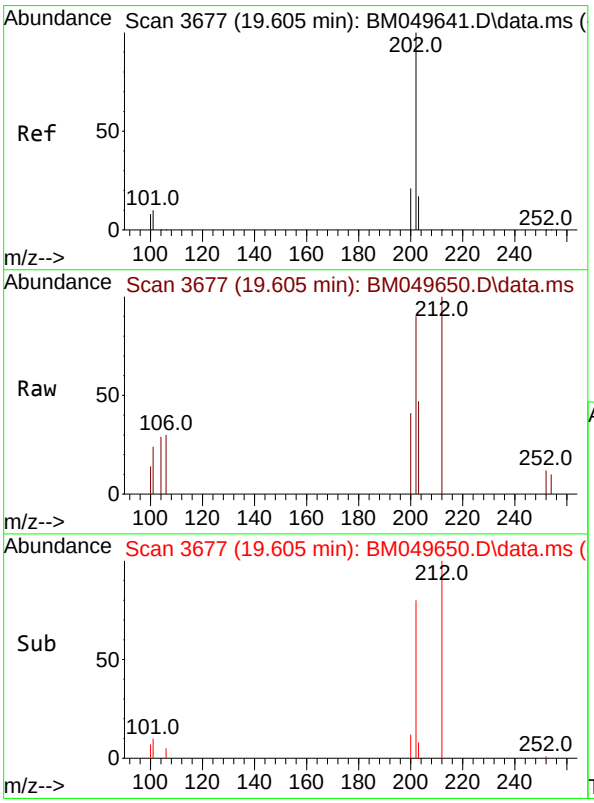

#20
Pyrene
Concen: 0.027 ng/ul m
RT: 19.605 min Scan# 3677
Delta R.T. -0.005 min
Lab File: BM049650.D
Acq: 13 Feb 2025 15:26

Tgt Ion:202 Resp: 4122

Ion	Ratio	Lower	Upper
202	100		
101	26.6	7.5	11.3#
100	15.8	6.3	9.5#