Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021725\
Data File : BM049669.D
Acq On : 17 Feb 2025 17:31
Operator : RC/JU
Sample : Q1202-17DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 19 10:29:18 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

Instrument :
BNA_M
ClientSampleId :
E29B0DL

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	8642	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	26736m	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.450	164	22260	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.186	188	32461m	0.400	ng/ul	0.00
17) Chrysene-d12	21.365	240	26021m	0.400	ng/ul	0.00
23) Perylene-d12	23.648	264	23422m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	5797	0.596	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.194	152	2768m	0.075	ng/ul	0.00
18) Fluoranthene-d10	19.215	212	5967m	0.075	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.649	128	19222	0.290	ng/ul	99
7) 2-Methylnaphthalene	12.266	142	11112	0.258	ng/ul	99
8) 1-Methylnaphthalene	12.486	142	17182	0.393	ng/ul	98
11) Acenaphthene	14.510	153	8435	0.123	ng/ul#	85
12) Fluorene	15.495	166	8467	0.108	ng/ul#	98
14) Pentachlorophenol	16.840	266	254m	0.038	ng/ul	
15) Phenanthrene	17.229	178	22470m	0.259	ng/ul	
16) Anthracene	17.317	178	6998m	0.088	ng/ul	
19) Fluoranthene	19.242	202	2334m	0.022	ng/ul	

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

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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
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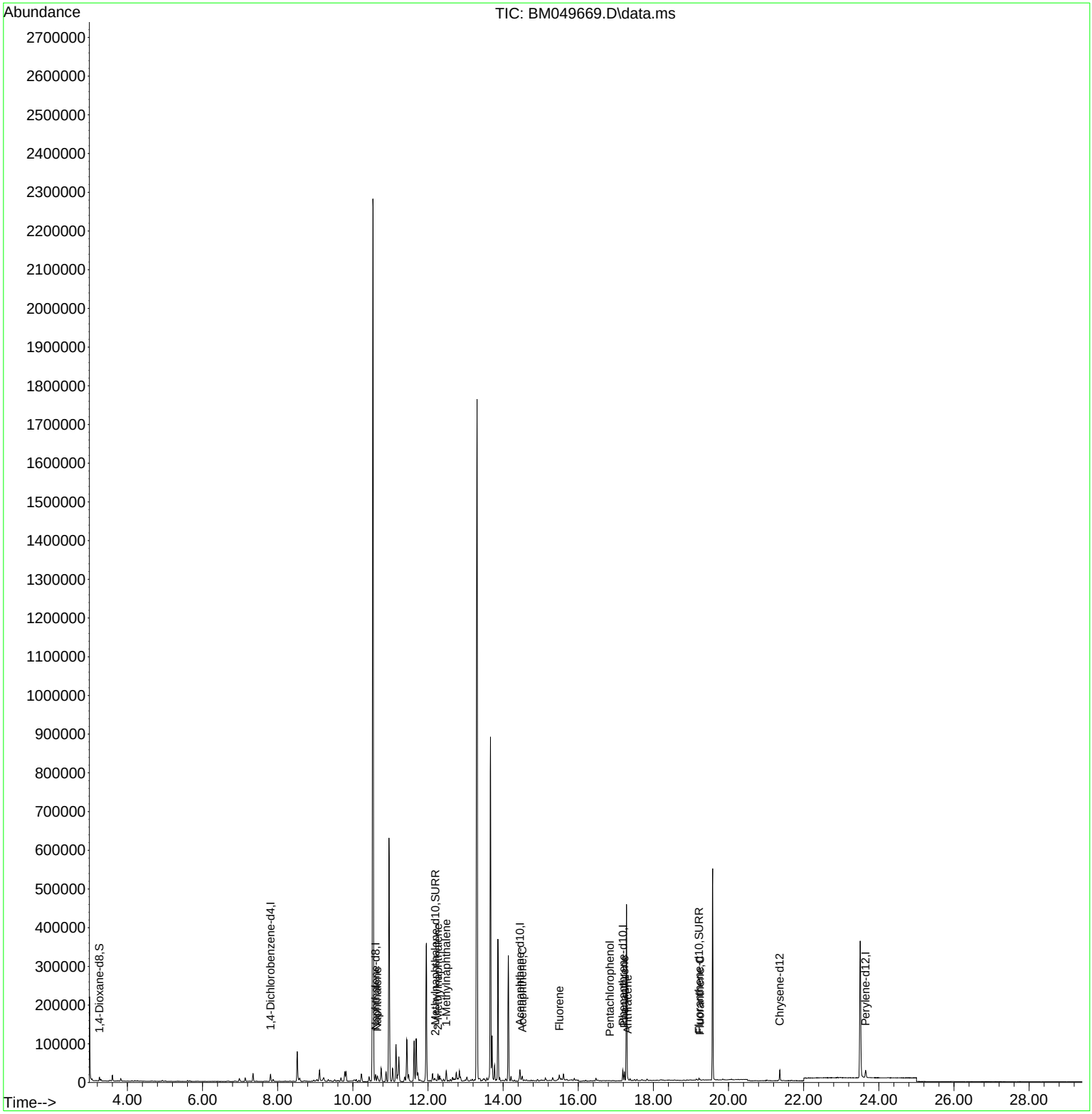
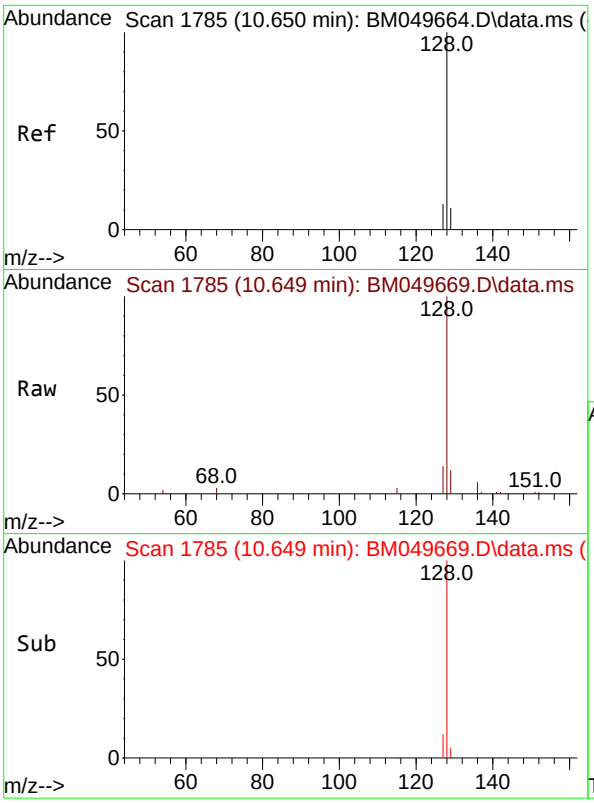
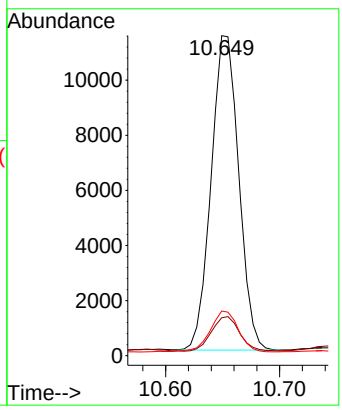




#5
Naphthalene
Concen: 0.290 ng/ul
RT: 10.649 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049669.D
Acq: 17 Feb 2025 17:31

Tgt Ion:128 Resp: 1922

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.0
127	13.9	10.8	16.2



Instrument :
BNA_M
ClientSampleId :
E29B0DL

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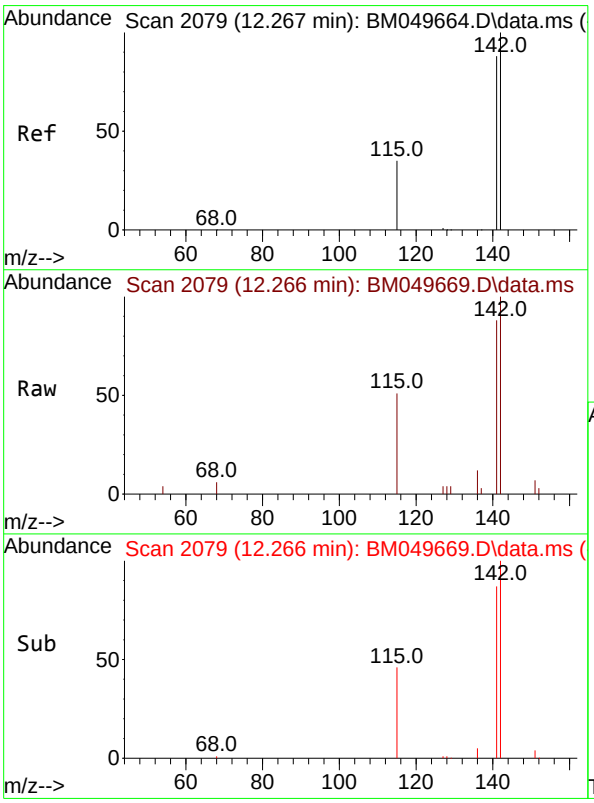
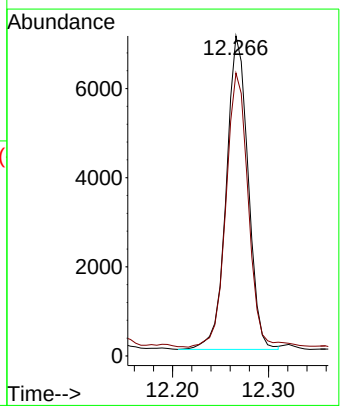
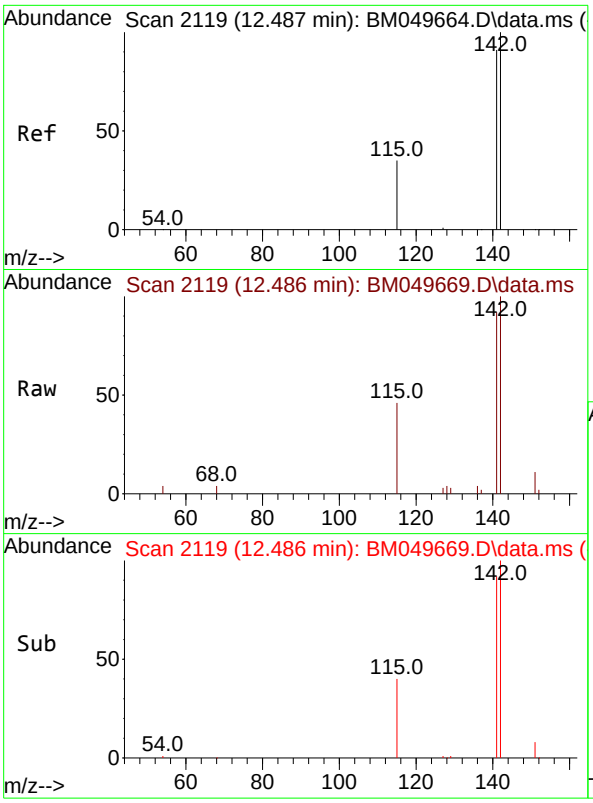


#7
2-Methylnaphthalene
Concen: 0.258 ng/ul
RT: 12.266 min Scan# 2079
Delta R.T. -0.011 min
Lab File: BM049669.D
Acq: 17 Feb 2025 17:31

Tgt Ion:142 Resp: 11112

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6





#8
1-Methylnaphthalene
Concen: 0.393 ng/ul
RT: 12.486 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049669.D
Acq: 17 Feb 2025 17:31

Tgt Ion:142 Resp: 1718

Ion	Ratio	Lower	Upper
142	100		
141	89.7	73.1	109.7

Instrument :
BNA_M
ClientSampleId :
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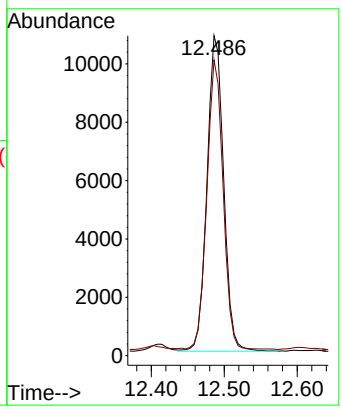
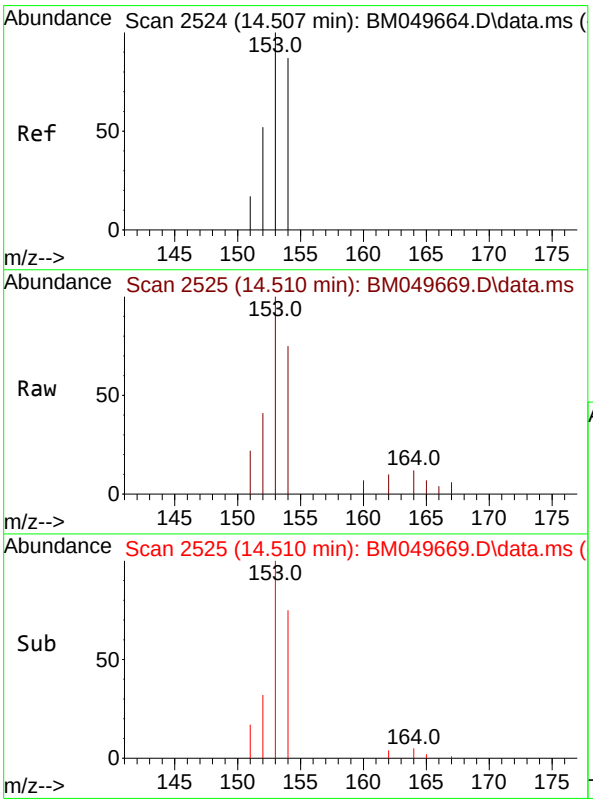
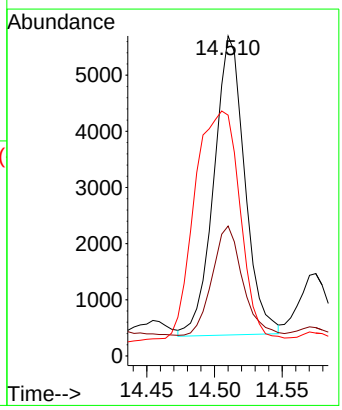


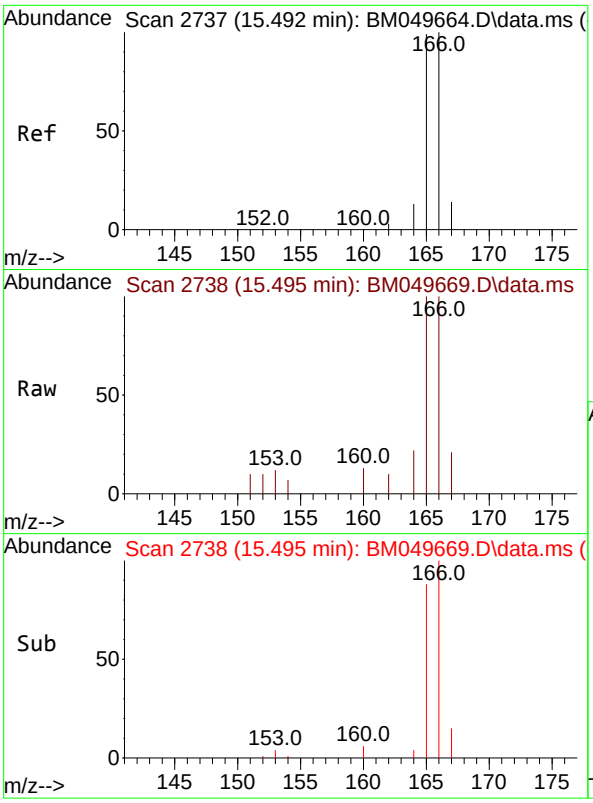


#11
Acenaphthene
Concen: 0.123 ng/ul
RT: 14.510 min Scan# 2525
Delta R.T. -0.005 min
Lab File: BM049669.D
Acq: 17 Feb 2025 17:31

Tgt Ion:153 Resp: 8435

Ion	Ratio	Lower	Upper
153	100		
152	40.6	41.9	62.9#
154	75.3	70.2	105.2





#12
Fluorene
Concen: 0.108 ng/ul
RT: 15.495 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM049669.D
Acq: 17 Feb 2025 17:31

Tgt Ion:166 Resp: 846

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.6	119.4
167	21.2	11.4	17.2#

Instrument :
BNA_M
ClientSampleId :
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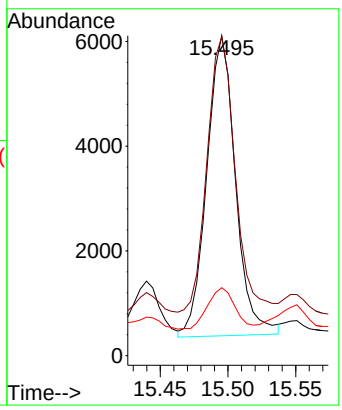
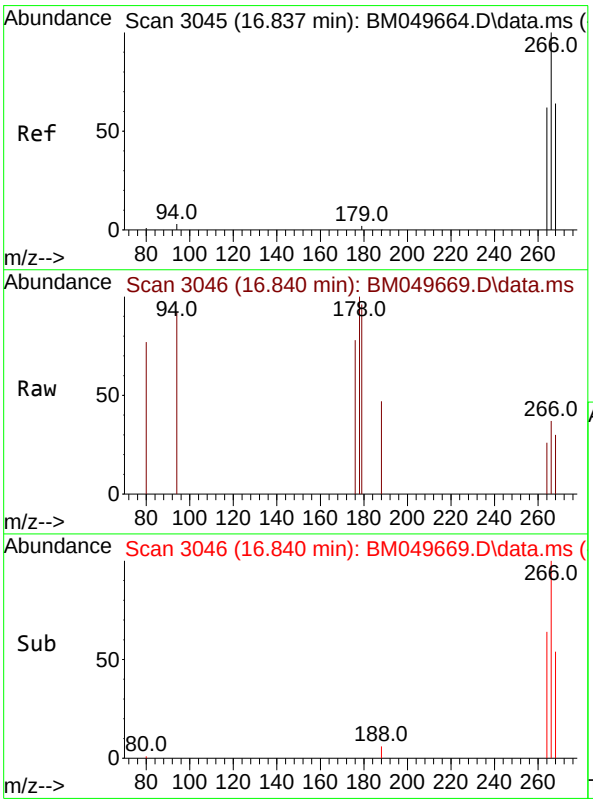
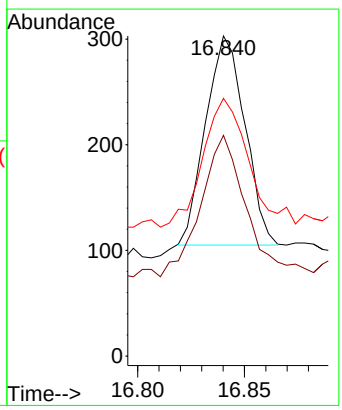


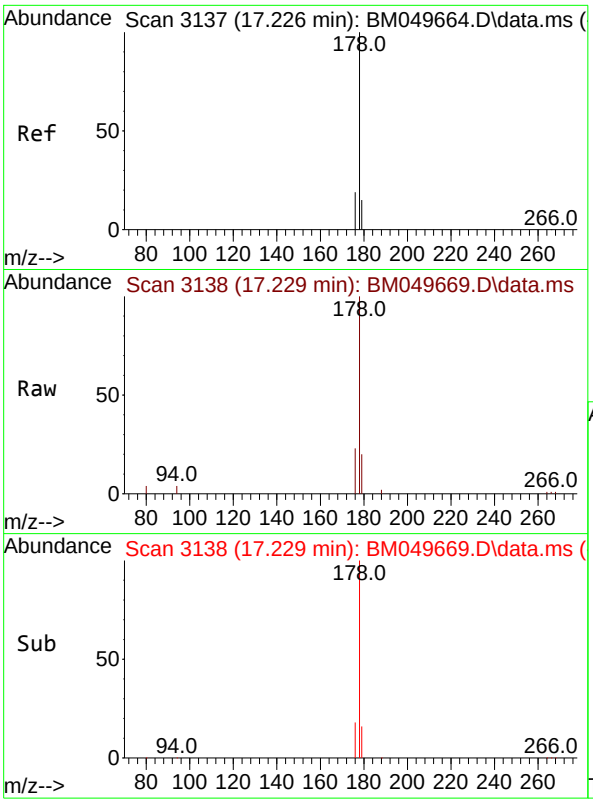


#14
Pentachlorophenol
Concen: 0.038 ng/ul m
RT: 16.840 min Scan# 3046
Delta R.T. -0.000 min
Lab File: BM049669.D
Acq: 17 Feb 2025 17:31

Tgt Ion:266 Resp: 254

Ion	Ratio	Lower	Upper
266	100		
264	331.1	50.3	75.5#
268	7.5	49.2	73.8#

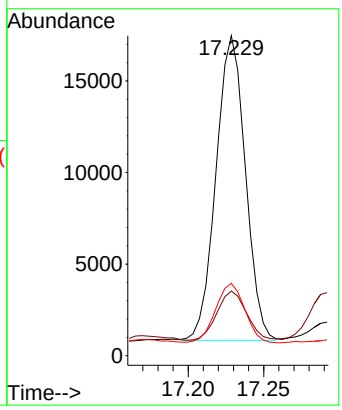




#15
Phenanthrene
Concen: 0.259 ng/ul m
RT: 17.229 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM049669.D
Acq: 17 Feb 2025 17:31

Tgt Ion:178 Resp: 2247

Ion	Ratio	Lower	Upper
178	100		
179	20.2	12.6	19.0#
176	22.6	16.2	24.2



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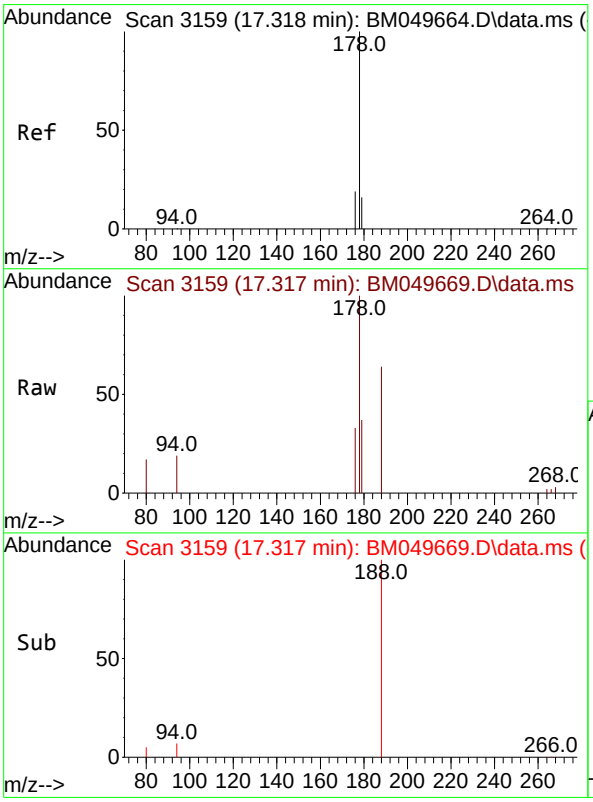
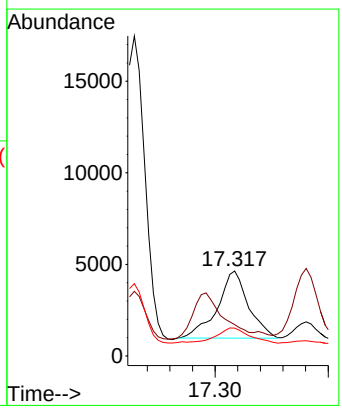
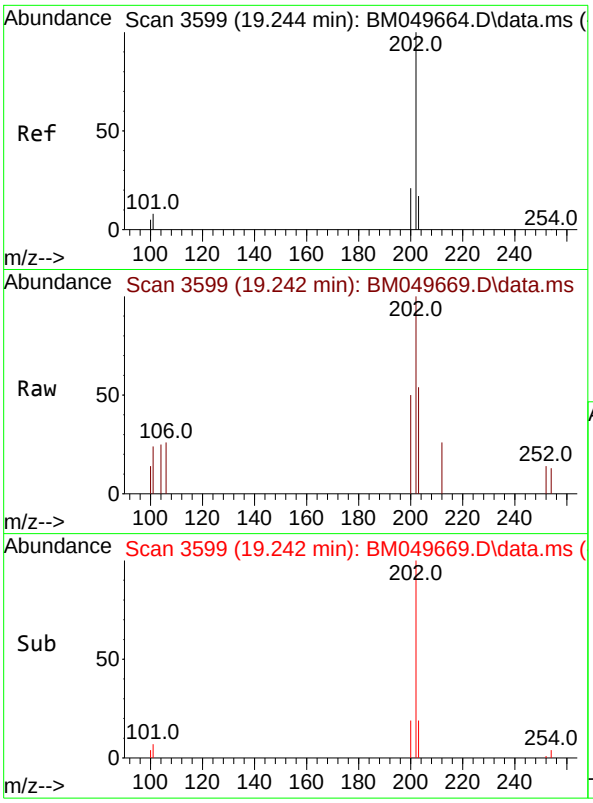


#16
Anthracene
Concen: 0.088 ng/ul m
RT: 17.317 min Scan# 3159
Delta R.T. -0.004 min
Lab File: BM049669.D
Acq: 17 Feb 2025 17:31

Tgt Ion:178 Resp: 6998

Ion	Ratio	Lower	Upper
178	100		
179	36.9	12.9	19.3#
176	32.8	15.8	23.6#

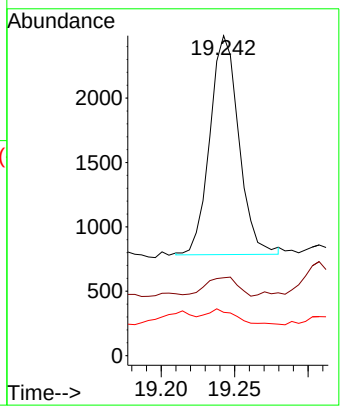




#19
Fluoranthene
Concen: 0.022 ng/ul m
RT: 19.242 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM049669.D
Acq: 17 Feb 2025 17:31

Tgt Ion:202 Resp: 233

Ion	Ratio	Lower	Upper
202	100		
101	24.3	6.7	10.1#
100	13.6	5.0	7.4#



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