

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
 Data File : BM049648.D
 Acq On : 13 Feb 2025 14:14
 Operator : RC/JU
 Sample : Q1202-18DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E29B1DL

Manual Integrations
 APPROVED

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

Quant Time: Feb 17 14:48:35 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	7791	0.400	ng/ul	0.00
4) Naphthalene-d8	10.607	136	22691	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.447	164	17582	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.188	188	30150m	0.400	ng/ul	0.00
17) Chrysene-d12	21.368	240	24961m	0.400	ng/ul	0.00
23) Perylene-d12	23.653	264	23166m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	5051	0.576	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.196	152	2621	0.084	ng/ul	0.00
18) Fluoranthene-d10	19.216	212	6362m	0.084	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.656	128	56907	1.012	ng/ul	99
7) 2-Methylnaphthalene	12.267	142	3975	0.109	ng/ul	96
8) 1-Methylnaphthalene	12.487	142	3108	0.084	ng/ul	97
11) Acenaphthene	14.511	153	8890	0.163	ng/ul	95
12) Fluorene	15.497	166	5817	0.094	ng/ul#	95
14) Pentachlorophenol	16.842	266	1603m	0.259	ng/ul	
15) Phenanthrene	17.230	178	3446m	0.043	ng/ul	
16) Anthracene	17.319	178	4301m	0.058	ng/ul	

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

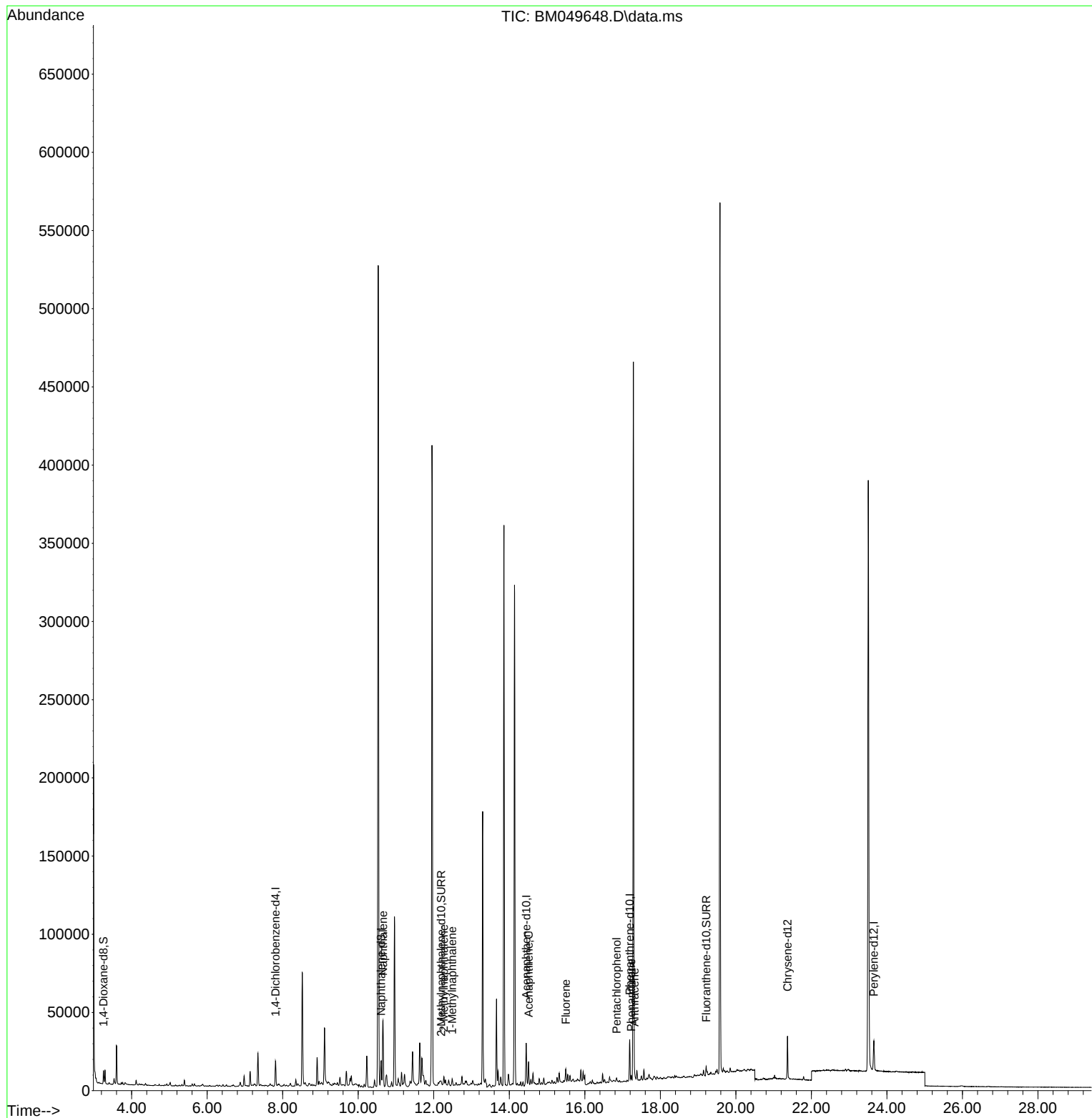
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
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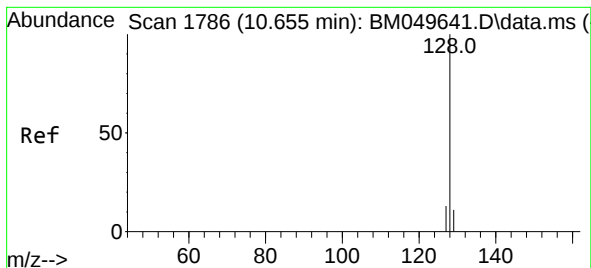
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#5

Naphthalene

Concen: 1.012 ng/ul

RT: 10.656 min Scan# 1786

Delta R.T. 0.001 min

Lab File: BM049648.D

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Instrument :

BNA_M

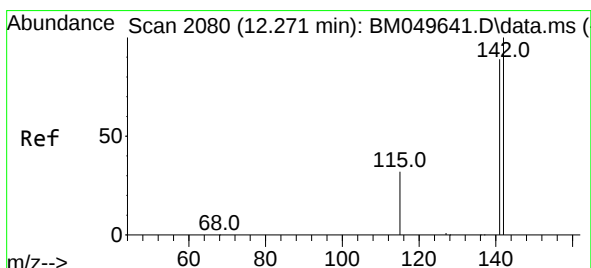
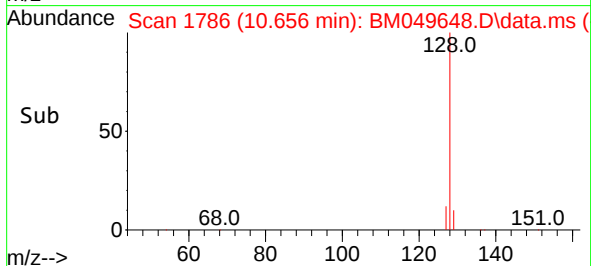
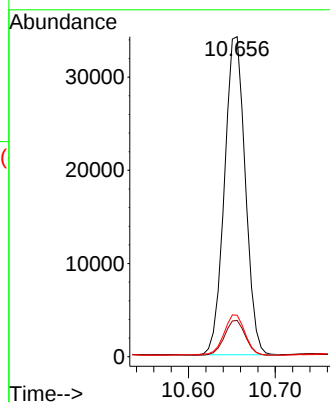
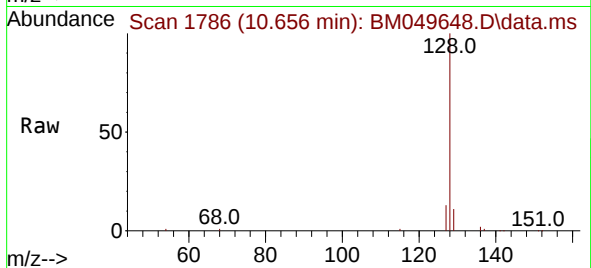
ClientSampleId :

E29B1DL

Tgt Ion:128 Resp: 5690
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.4 14.0
 127 13.0 10.8 16.2

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#7

2-Methylnaphthalene

Concen: 0.109 ng/ul

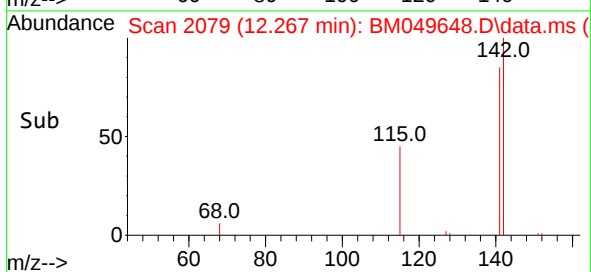
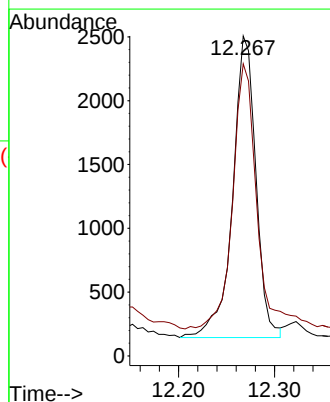
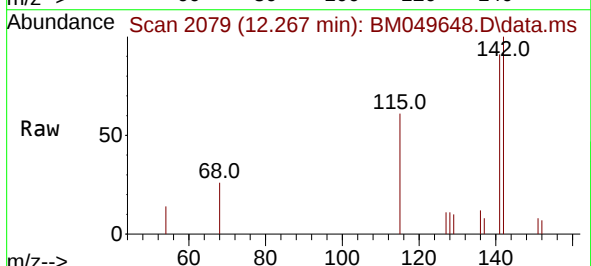
RT: 12.267 min Scan# 2079

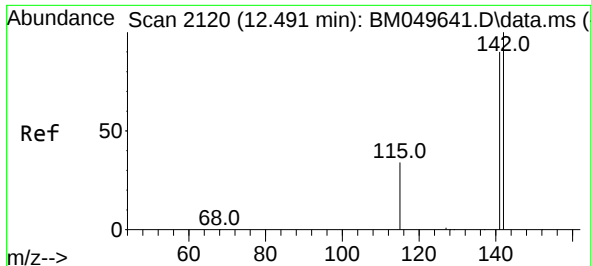
Delta R.T. -0.010 min

Lab File: BM049648.D

Acq: 13 Feb 2025 14:14

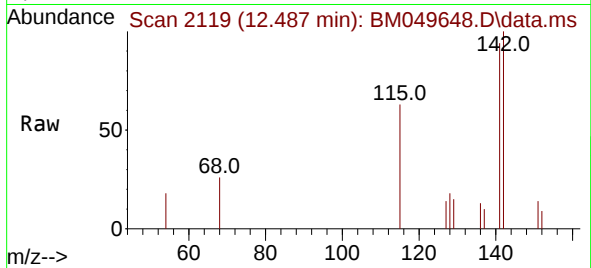
Tgt Ion:142 Resp: 3975
 Ion Ratio Lower Upper
 142 100
 141 92.6 71.0 106.6





#8
1-Methylnaphthalene
Concen: 0.084 ng/ul
RT: 12.487 min Scan# 2119
Delta R.T. -0.004 min
Lab File: BM049648.D
Acq: 13 Feb 2025 14:14

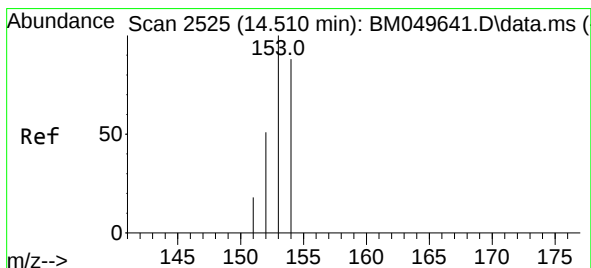
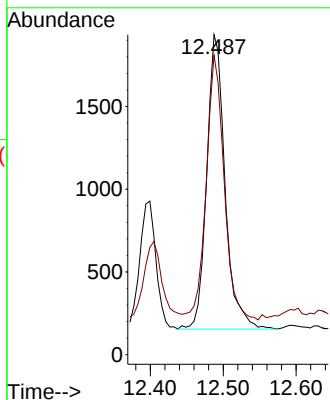
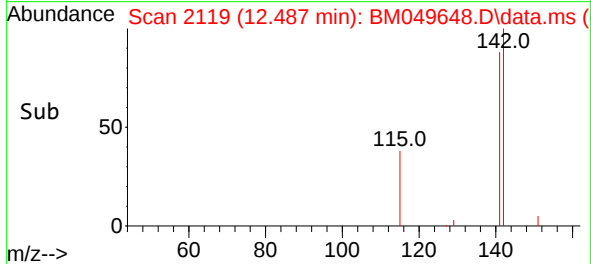
Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 3108
Ion Ratio Lower Upper
142 100
141 88.3 73.1 109.7

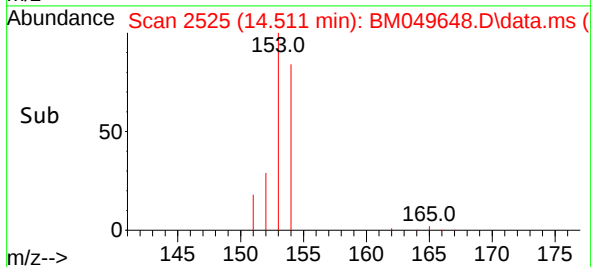
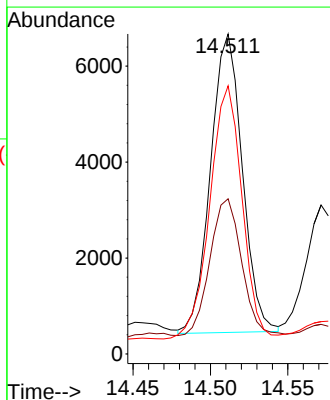
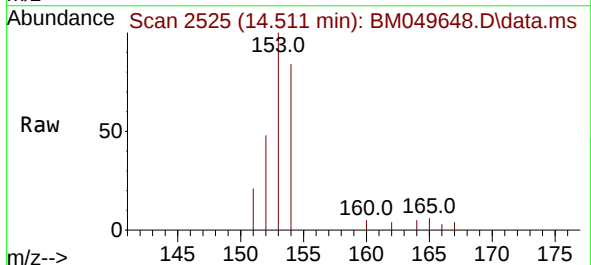
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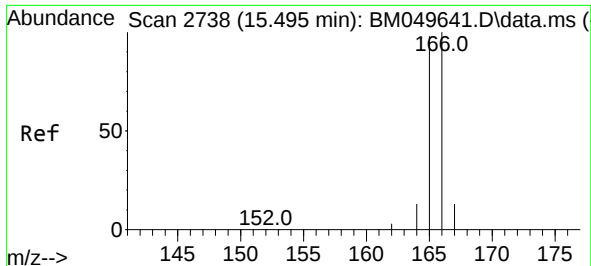
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#11
Acenaphthene
Concen: 0.163 ng/ul
RT: 14.511 min Scan# 2525
Delta R.T. -0.003 min
Lab File: BM049648.D
Acq: 13 Feb 2025 14:14

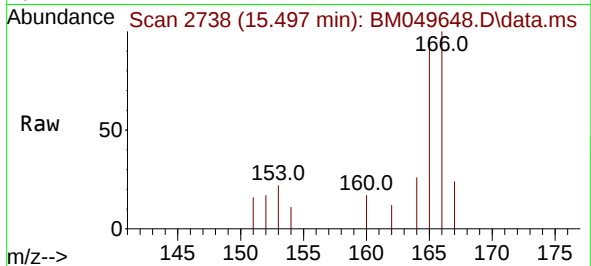
Tgt Ion:153 Resp: 8890
Ion Ratio Lower Upper
153 100
152 48.5 41.9 62.9
154 83.8 70.2 105.2





#12
Fluorene
Concen: 0.094 ng/ul
RT: 15.497 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM049648.D
Acq: 13 Feb 2025 14:14

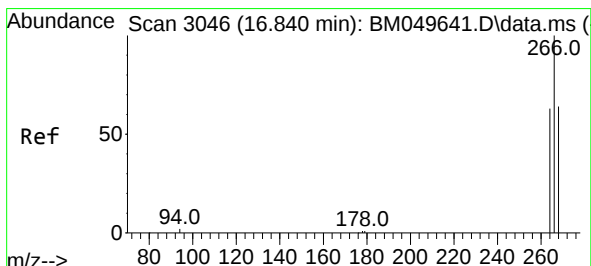
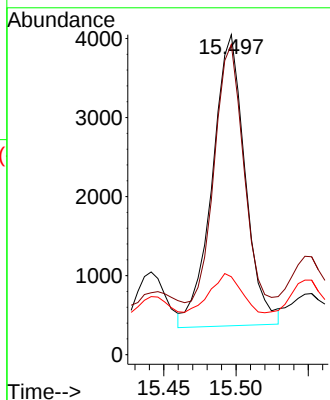
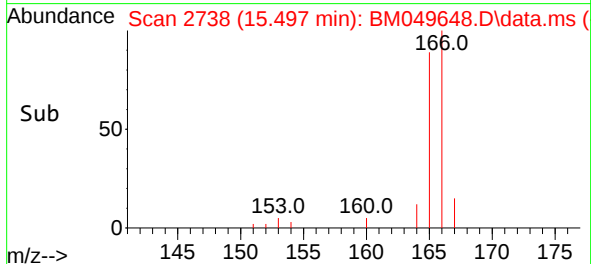
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Tgt Ion:166 Resp: 581
Ion Ratio Lower Upper
166 100
165 96.9 79.6 119.4
167 24.4 11.4 17.2

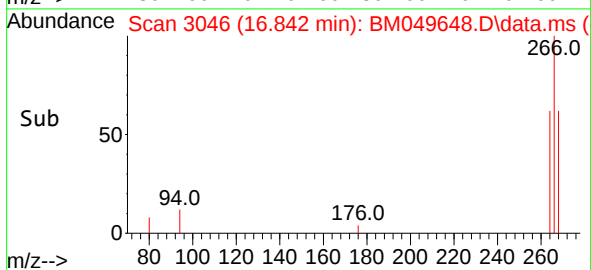
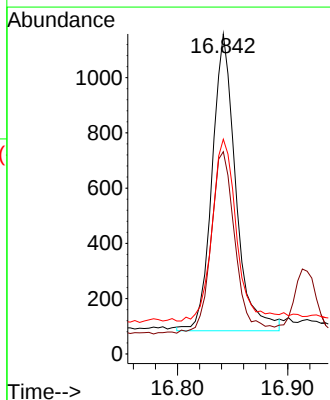
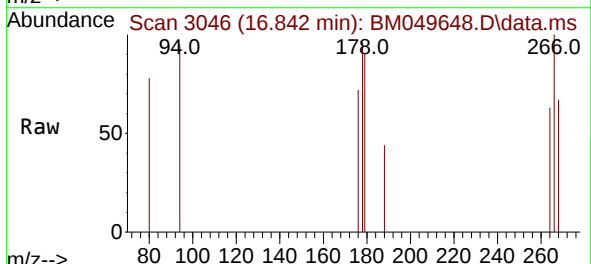
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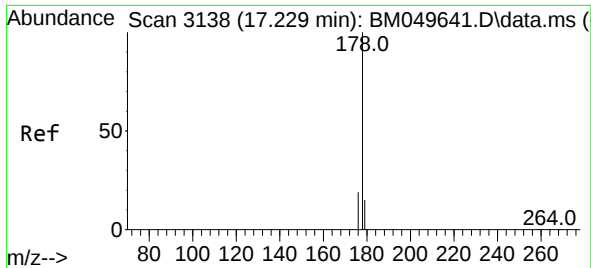
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#14
Pentachlorophenol
Concen: 0.259 ng/ul m
RT: 16.842 min Scan# 3046
Delta R.T. 0.001 min
Lab File: BM049648.D
Acq: 13 Feb 2025 14:14

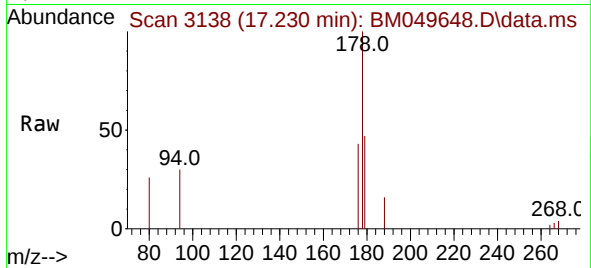
Tgt Ion:266 Resp: 1603
Ion Ratio Lower Upper
266 100
264 0.0 50.3 75.5#
268 0.0 49.2 73.8#





#15
Phenanthrene
Concen: 0.043 ng/ul m
RT: 17.230 min Scan# 3138
Delta R.T. -0.003 min
Lab File: BM049648.D
Acq: 13 Feb 2025 14:14

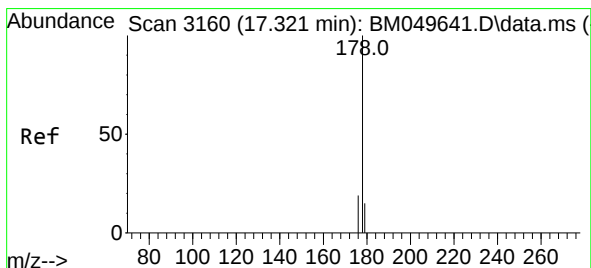
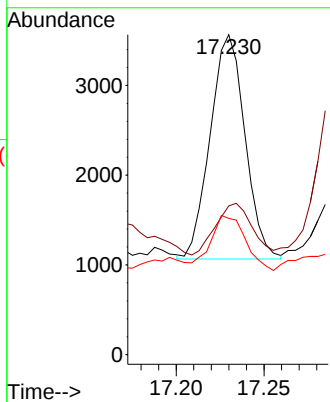
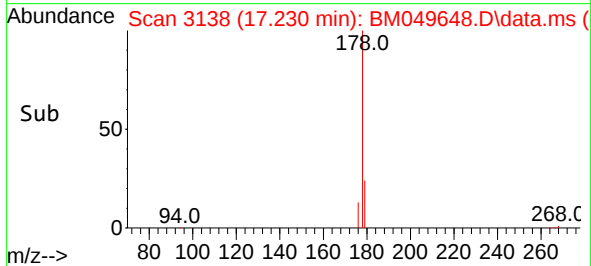
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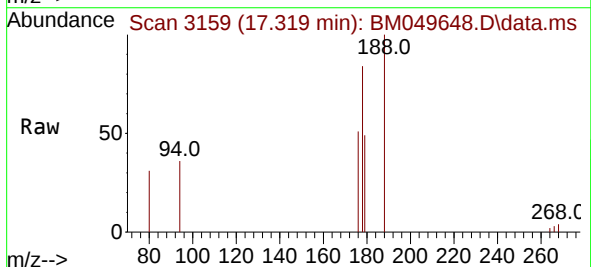
Tgt Ion:178 Resp: 3440
Ion Ratio Lower Upper
178 100
179 46.5 12.6 19.0#
176 42.6 16.2 24.2#

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#16
Anthracene
Concen: 0.058 ng/ul m
RT: 17.319 min Scan# 3159
Delta R.T. -0.003 min
Lab File: BM049648.D
Acq: 13 Feb 2025 14:14



Tgt Ion:178 Resp: 4301
Ion Ratio Lower Upper
178 100
179 57.9 12.9 19.3#
176 60.0 15.8 23.6#

