

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
 Data File : BN036394.D
 Acq On : 08 Feb 2025 04:14
 Operator : RC/JU
 Sample : Q1202-18
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29B1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
 Supervised By :Sohil Jodhani 02/18/2025

Quant Time: Feb 11 15:29:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 07 11:25:57 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.766	152	2946	0.400	ng/ul	0.00
4) Naphthalene-d8	10.550	136	10798m	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.399	164	13250m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.145	188	10525m	0.400	ng/ul	0.00
17) Chrysene-d12	21.337	240	10456	0.400	ng/ul	# 0.00
23) Perylene-d12	23.617	264	8125m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	17025	5.278	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.145	152	4112m	0.302	ng/ul	-0.01
18) Fluoranthene-d10	19.178	212	10324	0.359	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.600	128	101318m	3.406	ng/ul	
7) 2-Methylnaphthalene	12.216	142	6675m	0.361	ng/ul	
8) 1-Methylnaphthalene	12.442	142	5520m	0.294	ng/ul	
11) Acenaphthene	14.464	153	15224	0.331	ng/ul	95
12) Fluorene	15.454	166	7465	0.147	ng/ul#	90
14) Pentachlorophenol	16.803	266	2710	0.735	ng/ul	98
15) Phenanthrene	17.187	178	5636	0.183	ng/ul#	25
16) Anthracene	17.280	178	7455	0.260	ng/ul#	1
24) Benzo(b)fluoranthene	22.924	252	783	0.029	ng/ul#	1

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

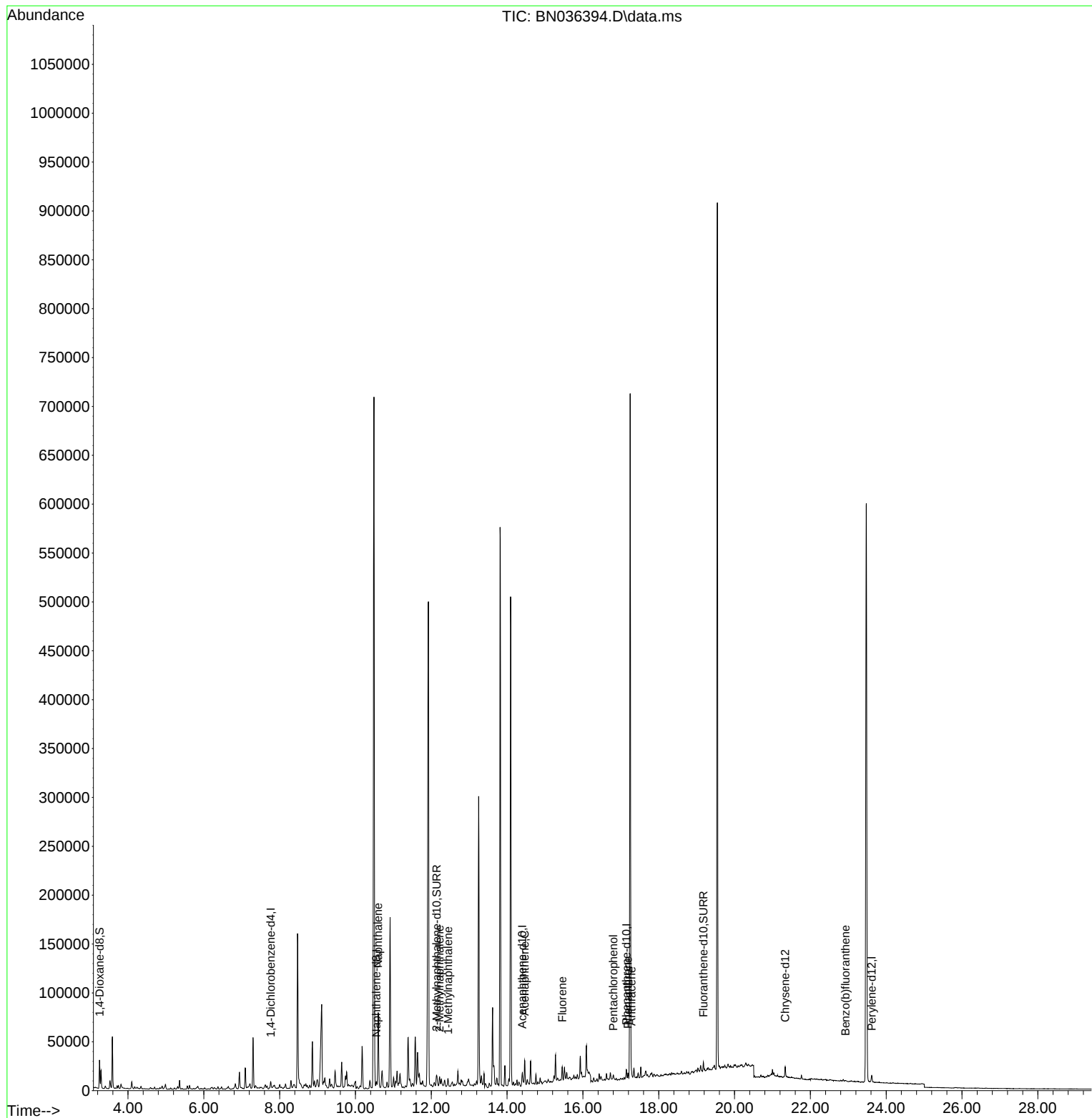
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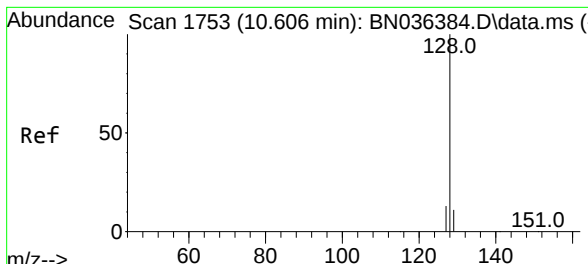
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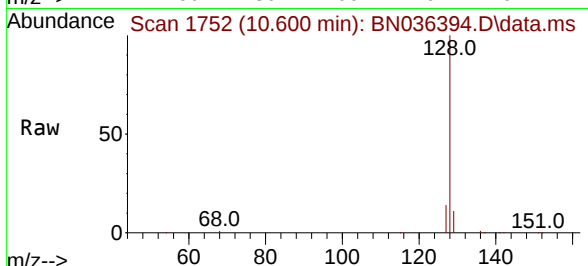
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 07 11:25:57 2025
Response via : Initial Calibration





#5
Naphthalene
Concen: 3.406 ng/ul m
RT: 10.600 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN036394.D
Acq: 08 Feb 2025 04:14

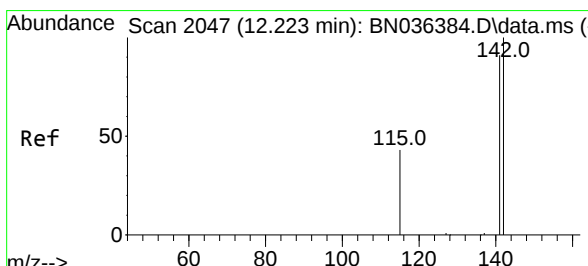
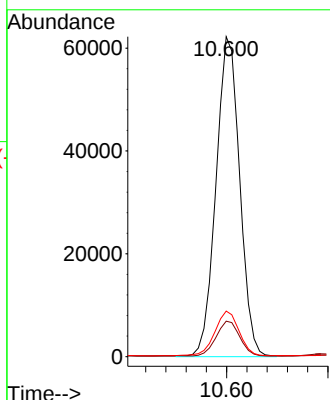
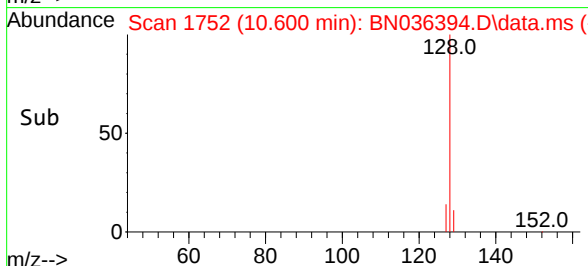
Instrument :
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ClientSampleId :
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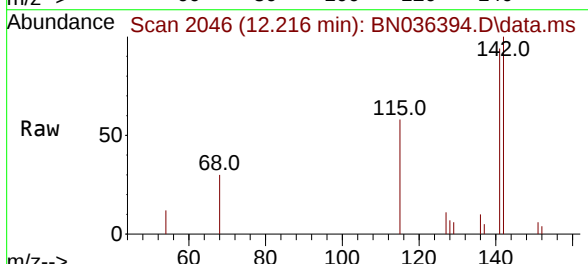
Tgt Ion:128 Resp: 101318
Ion Ratio Lower Upper
128 100
129 11.1 9.6 14.4
127 14.2 12.0 18.0

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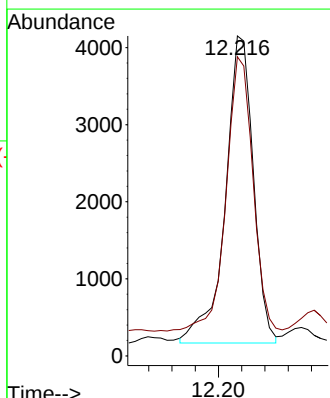
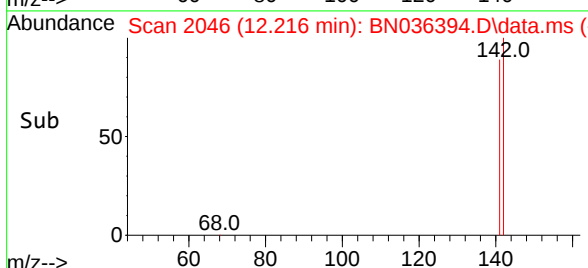
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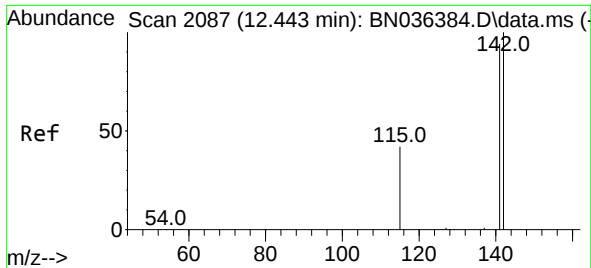


#7
2-Methylnaphthalene
Concen: 0.361 ng/ul m
RT: 12.216 min Scan# 2046
Delta R.T. -0.012 min
Lab File: BN036394.D
Acq: 08 Feb 2025 04:14



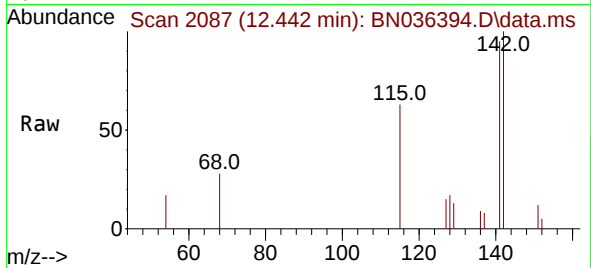
Tgt Ion:142 Resp: 6675
Ion Ratio Lower Upper
142 100
141 74.7 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.294 ng/ul m
RT: 12.442 min Scan# 2087
Delta R.T. -0.007 min
Lab File: BN036394.D
Acq: 08 Feb 2025 04:14

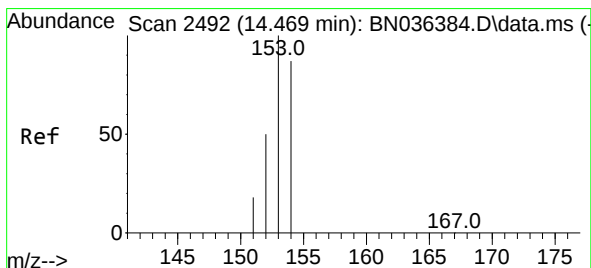
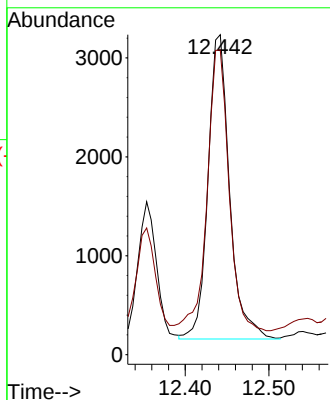
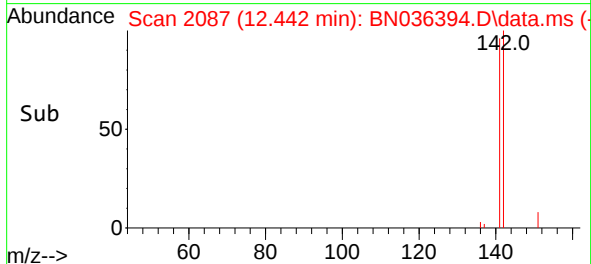
Instrument :
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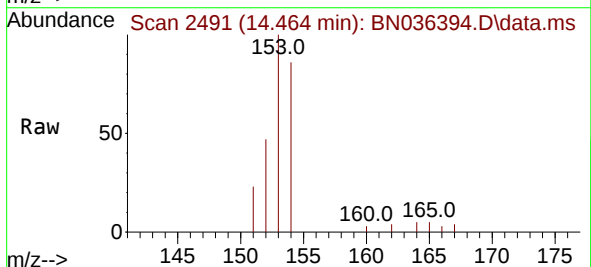
Tgt Ion:142 Resp: 5520
Ion Ratio Lower Upper
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141 72.4 75.2 112.8

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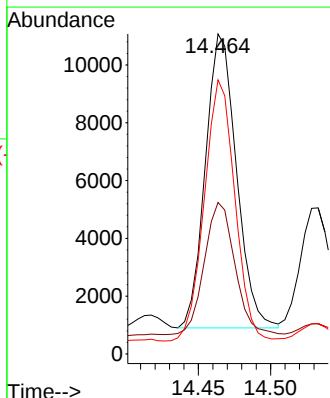
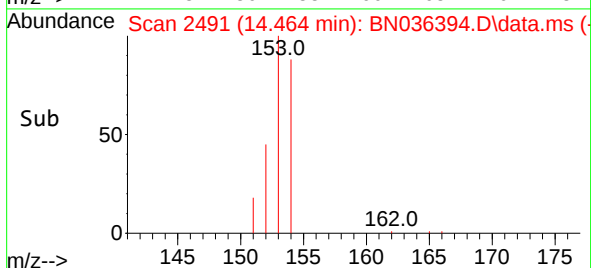
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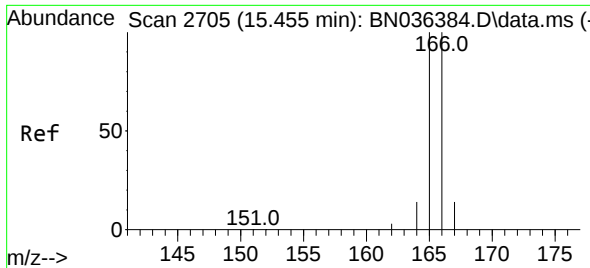


#11
Acenaphthene
Concen: 0.331 ng/ul
RT: 14.464 min Scan# 2491
Delta R.T. -0.006 min
Lab File: BN036394.D
Acq: 08 Feb 2025 04:14



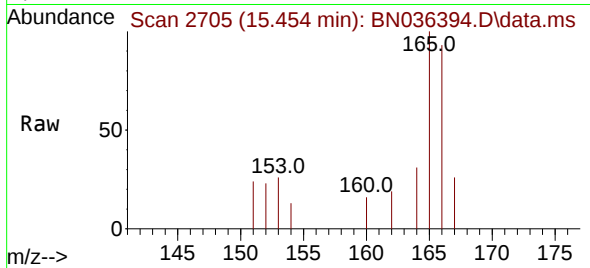
Tgt Ion:153 Resp: 15224
Ion Ratio Lower Upper
153 100
152 47.4 43.2 64.8
154 85.6 70.5 105.7





#12
Fluorene
Concen: 0.147 ng/ul
RT: 15.454 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN036394.D
Acq: 08 Feb 2025 04:14

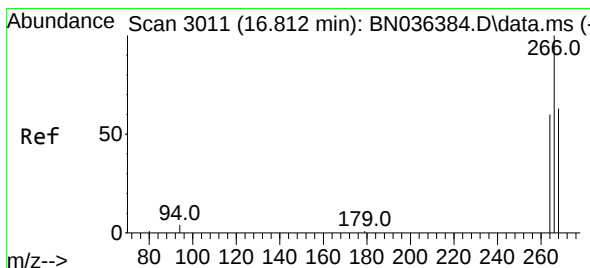
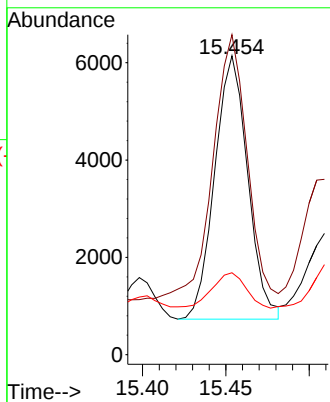
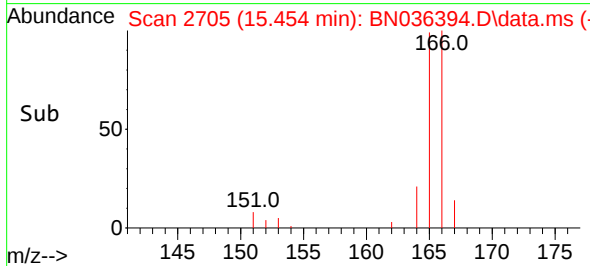
Instrument :
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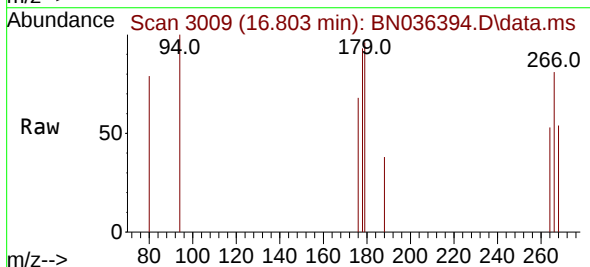
Tgt Ion:166 Resp: 746
Ion Ratio Lower Upper
166 100
165 107.1 80.3 120.5
167 27.4 12.3 18.5

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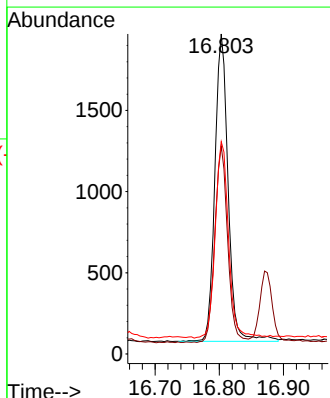
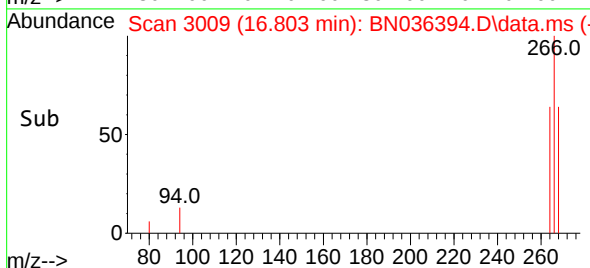
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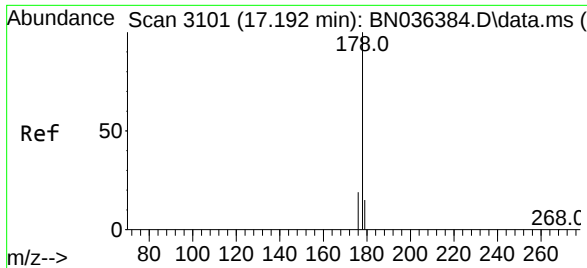


#14
Pentachlorophenol
Concen: 0.735 ng/ul
RT: 16.803 min Scan# 3009
Delta R.T. -0.009 min
Lab File: BN036394.D
Acq: 08 Feb 2025 04:14



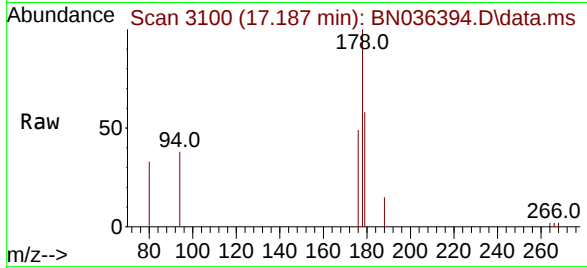
Tgt Ion:266 Resp: 2710
Ion Ratio Lower Upper
266 100
264 61.4 50.6 75.8
268 65.0 50.6 75.8





#15
Phenanthrene
Concen: 0.183 ng/ul
RT: 17.187 min Scan# 3100
Delta R.T. -0.009 min
Lab File: BN036394.D
Acq: 08 Feb 2025 04:14

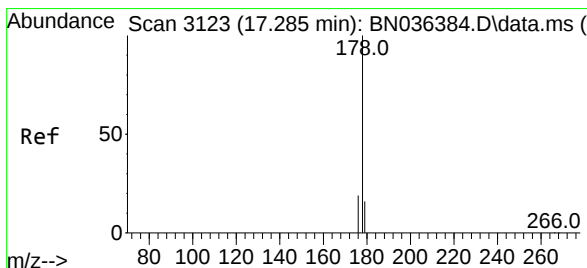
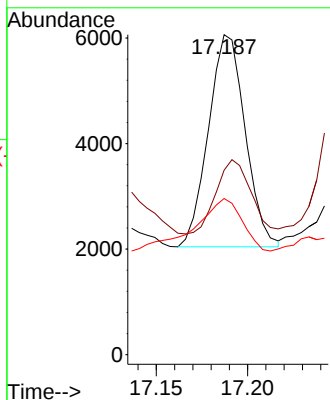
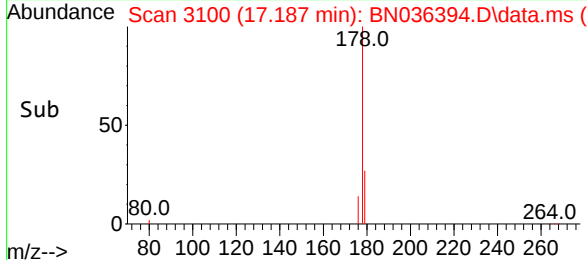
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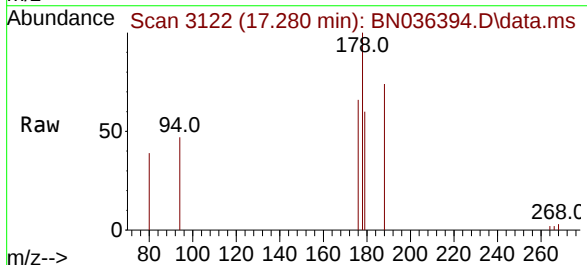
Tgt Ion:178 Resp: 5630
Ion Ratio Lower Upper
178 100
179 57.6 13.2 19.8#
176 48.8 16.8 25.2#

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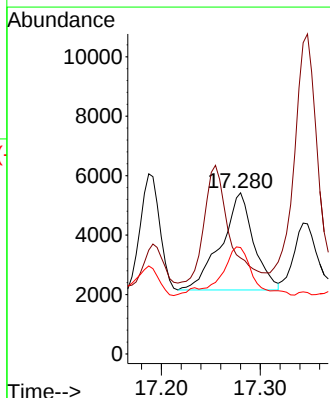
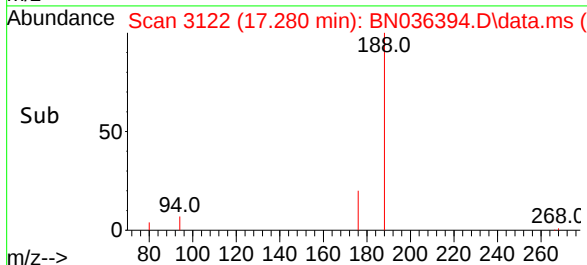
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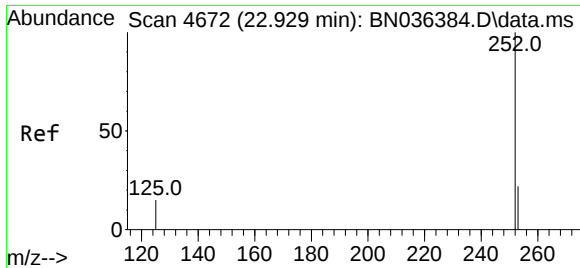


#16
Anthracene
Concen: 0.260 ng/ul
RT: 17.280 min Scan# 3122
Delta R.T. -0.009 min
Lab File: BN036394.D
Acq: 08 Feb 2025 04:14



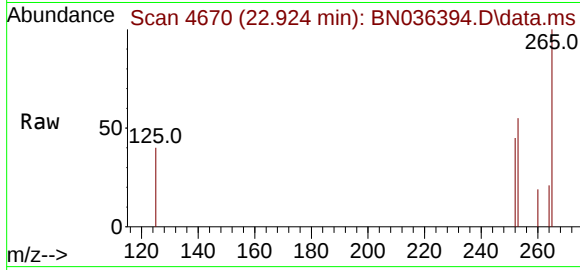
Tgt Ion:178 Resp: 7455
Ion Ratio Lower Upper
178 100
179 59.5 13.0 19.4#
176 66.0 15.9 23.9#





#24
Benzo(b)fluoranthene
Concen: 0.029 ng/ul
RT: 22.924 min Scan# 4670
Delta R.T. -0.008 min
Lab File: BN036394.D
Acq: 08 Feb 2025 04:14

Instrument :
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Tgt Ion:252 Resp: 78
Ion Ratio Lower Upper
252 100
253 121.3 0.0 51.2
125 89.1 0.0 27.8

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