

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090923\
 Data File : BN027515.D
 Acq On : 09 Sep 2023 23:25
 Operator : MA/JU
 Sample : 04227-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHAT3

Quant Time: Sep 10 04:59:24 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 08 03:55:54 2023
 Response via : Initial Calibration

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

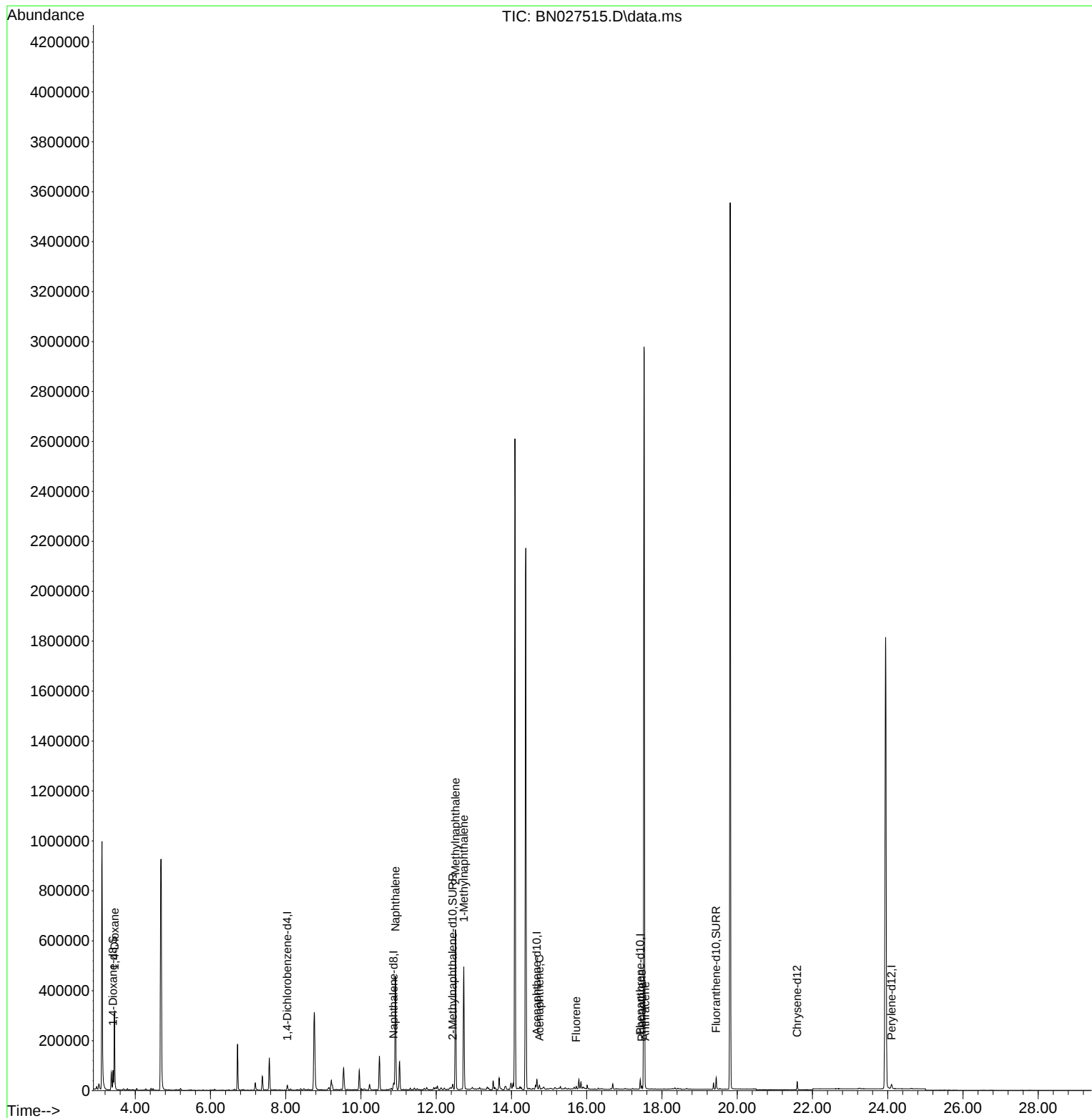
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	9285	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	32297	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.675	164	21632	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.422	188	43356	0.400	ng/ul	0.00
17) Chrysene-d12	21.595	240	28432	0.400	ng/ul	0.00
23) Perylene-d12	24.103	264	25905	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	51713	4.187	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.440	152	19698	0.402	ng/ul	0.00
18) Fluoranthene-d10	19.441	212	49600	0.509	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	219313	17.548	ng/ul#	83
5) Naphthalene	10.916	128	620578	6.624	ng/ul	99
7) 2-Methylnaphthalene	12.511	142	447578	7.637	ng/ul	99
8) 1-Methylnaphthalene	12.731	142	331099	5.302	ng/ul	100
11) Acenaphthene	14.740	153	8321	0.098	ng/ul	91
12) Fluorene	15.721	166	6800	0.071	ng/ul#	95
15) Phenanthrene	17.464	178	13979	0.099	ng/ul#	84
16) Anthracene	17.557	178	3376	0.030	ng/ul#	41

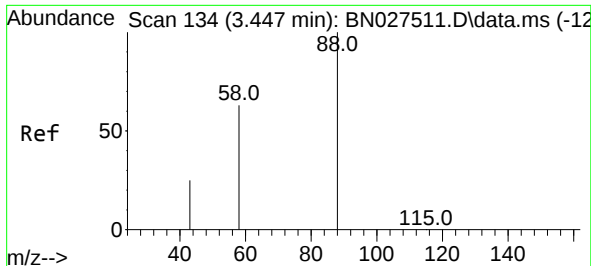
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2
1,4-Dioxane

Concen: 17.548 ng/ul

RT: 3.448 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN027515.D

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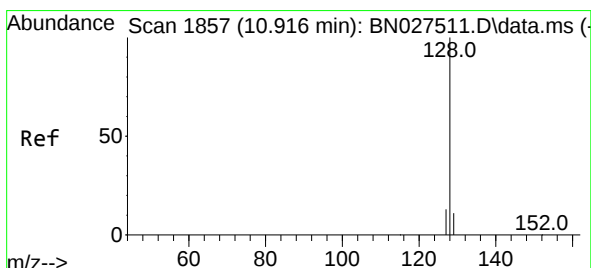
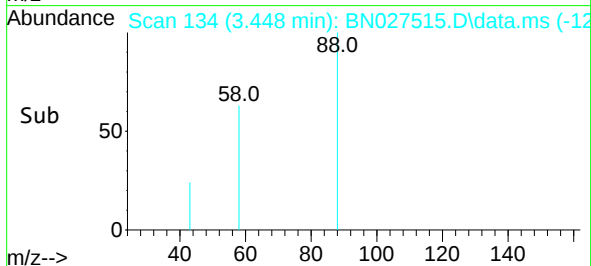
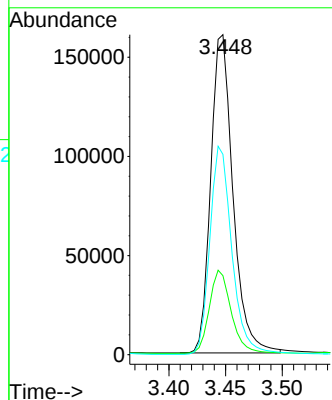
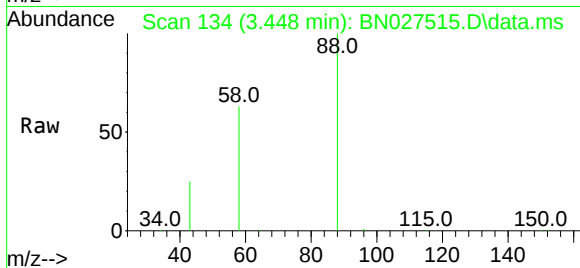
Tgt Ion: 88 Resp: 219313

Ion Ratio Lower Upper

88 100

43 24.7 26.8 40.2#

58 62.6 39.9 59.9#



#5

Naphthalene

Concen: 6.624 ng/ul

RT: 10.916 min Scan# 1857

Delta R.T. -0.006 min

Lab File: BN027515.D

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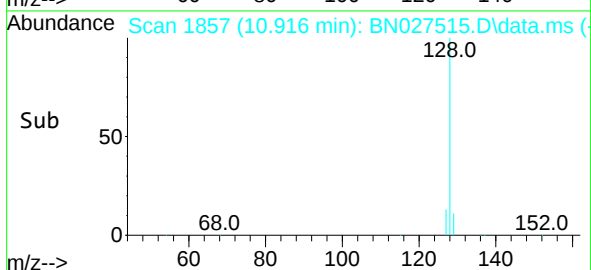
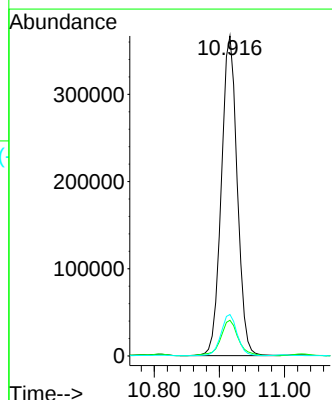
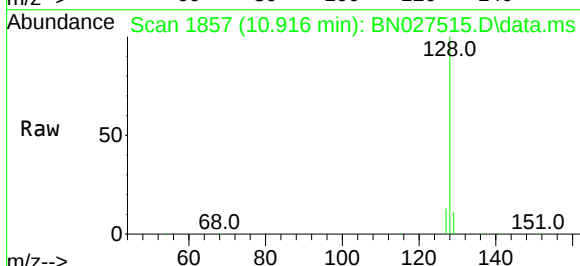
Tgt Ion:128 Resp: 620578

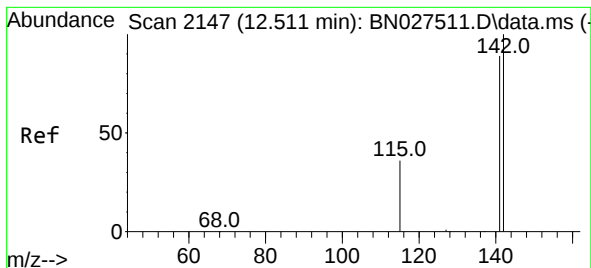
Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.0

127 13.0 10.6 16.0

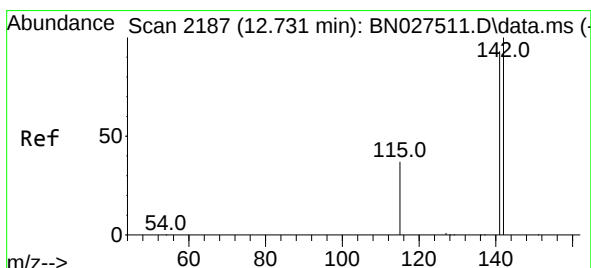
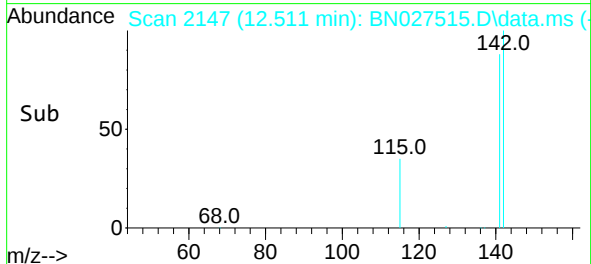
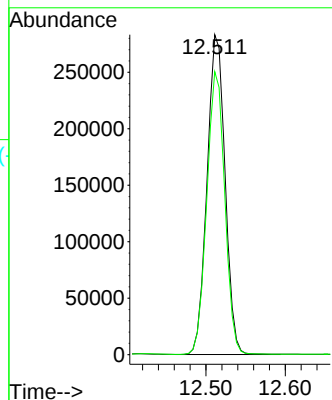
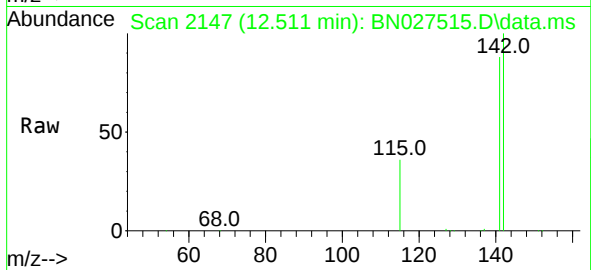




#7
2-Methylnaphthalene
Concen: 7.637 ng/ul
RT: 12.511 min Scan# 2147
Delta R.T. -0.011 min
Lab File: BN027515.D
Acq: 09 Sep 2023 23:25

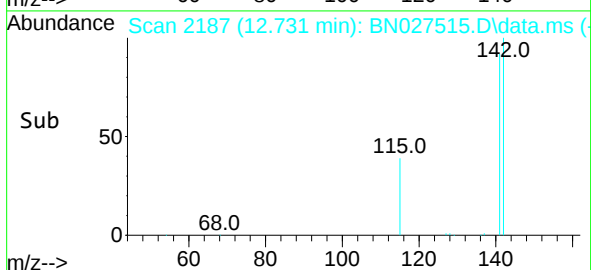
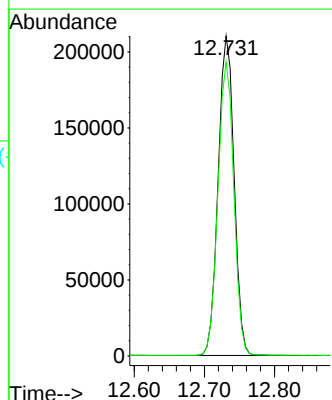
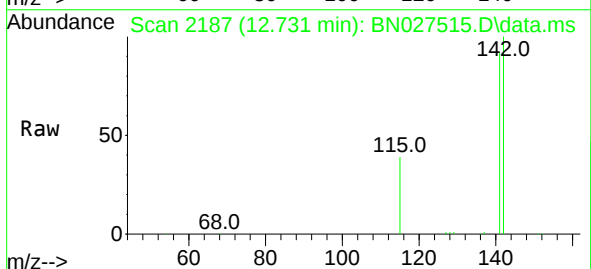
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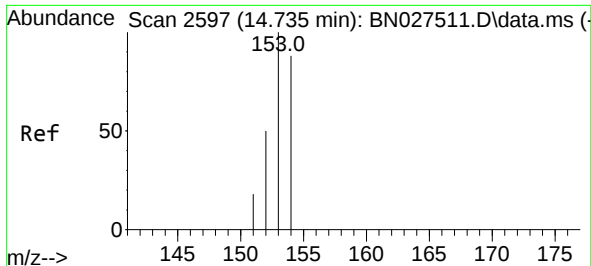
Tgt Ion:142 Resp: 447578
Ion Ratio Lower Upper
142 100
141 88.2 71.6 107.4



#8
1-Methylnaphthalene
Concen: 5.302 ng/ul
RT: 12.731 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BN027515.D
Acq: 09 Sep 2023 23:25

Tgt Ion:142 Resp: 331099
Ion Ratio Lower Upper
142 100
141 91.5 73.0 109.4

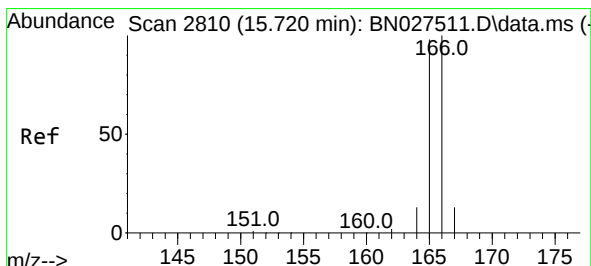
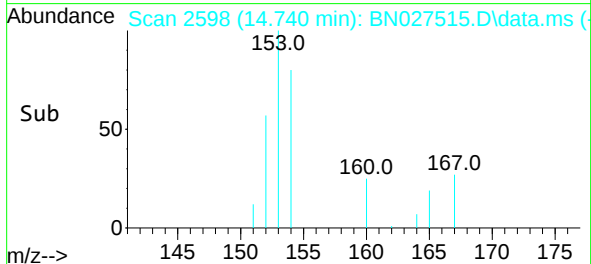
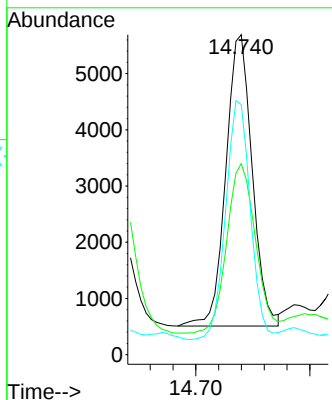
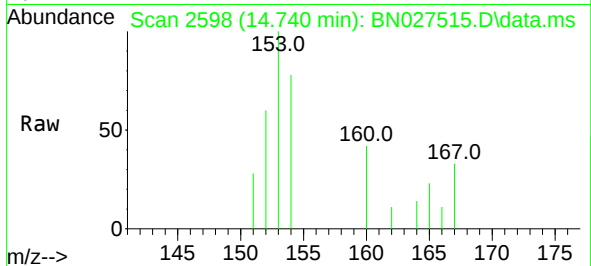




#11
Acenaphthene
Concen: 0.098 ng/ul
RT: 14.740 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027515.D
Acq: 09 Sep 2023 23:25

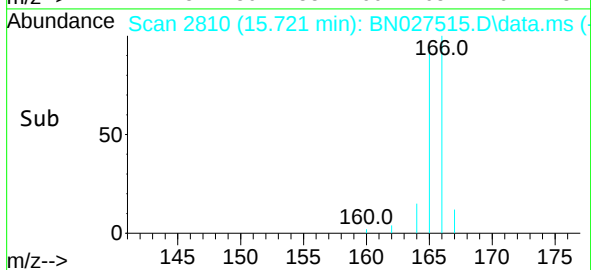
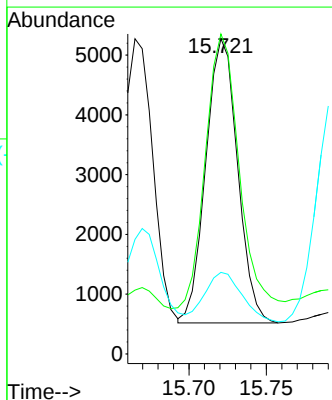
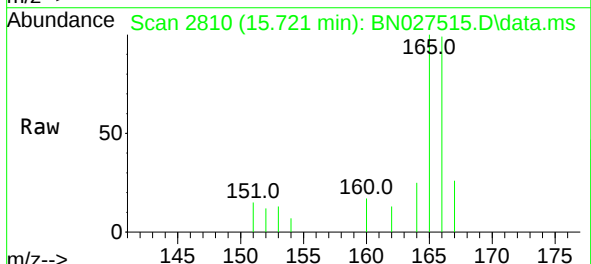
Instrument :
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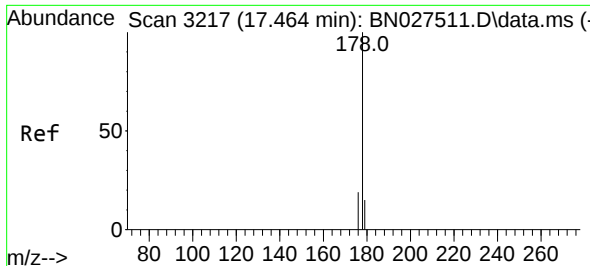
Tgt Ion:153 Resp: 8321
Ion Ratio Lower Upper
153 100
152 59.7 42.9 64.3
154 78.2 69.4 104.0



#12
Fluorene
Concen: 0.071 ng/ul
RT: 15.721 min Scan# 2810
Delta R.T. -0.005 min
Lab File: BN027515.D
Acq: 09 Sep 2023 23:25

Tgt Ion:166 Resp: 6800
Ion Ratio Lower Upper
166 100
165 101.5 79.6 119.4
167 25.9 11.4 17.0#

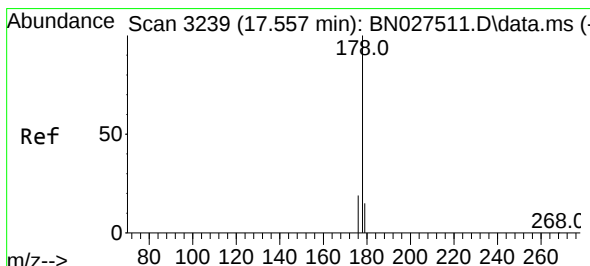
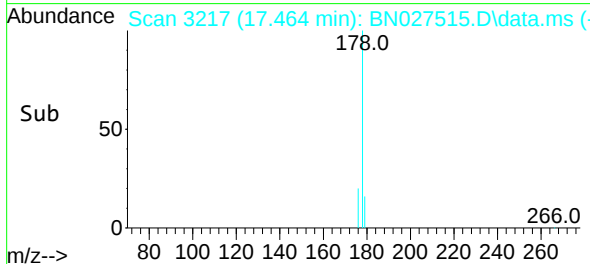
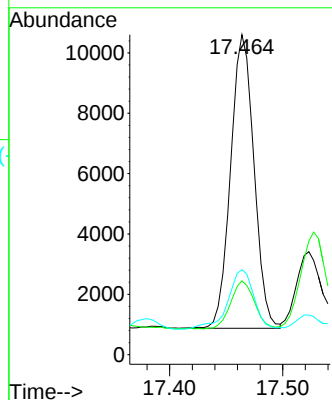
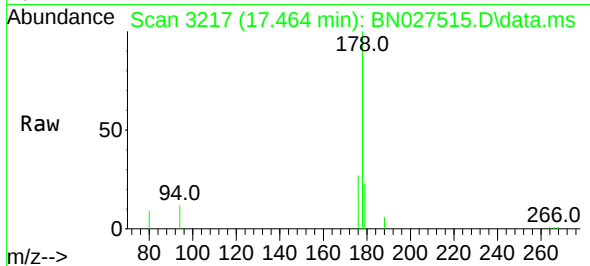




#15
Phenanthrene
Concen: 0.099 ng/u1
RT: 17.464 min Scan# 3217
Delta R.T. -0.004 min
Lab File: BN027515.D
Acq: 09 Sep 2023 23:25

Instrument :
BNA_N
ClientSampleId :
BHAT3

Tgt Ion:178 Resp: 13979
Ion Ratio Lower Upper
178 100
179 23.1 12.6 19.0#
176 26.6 15.8 23.8#



#16
Anthracene
Concen: 0.030 ng/u1
RT: 17.557 min Scan# 3239
Delta R.T. -0.004 min
Lab File: BN027515.D
Acq: 09 Sep 2023 23:25

Tgt Ion:178 Resp: 3376
Ion Ratio Lower Upper
178 100
179 43.6 13.0 19.6#
176 44.7 15.6 23.4#

