

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028664.D
 Acq On : 16 Nov 2023 15:11
 Operator : MA/JU
 Sample : 05338-19
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDM4

Quant Time: Nov 16 15:53:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 14:20:35 2023
 Response via : Initial Calibration

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

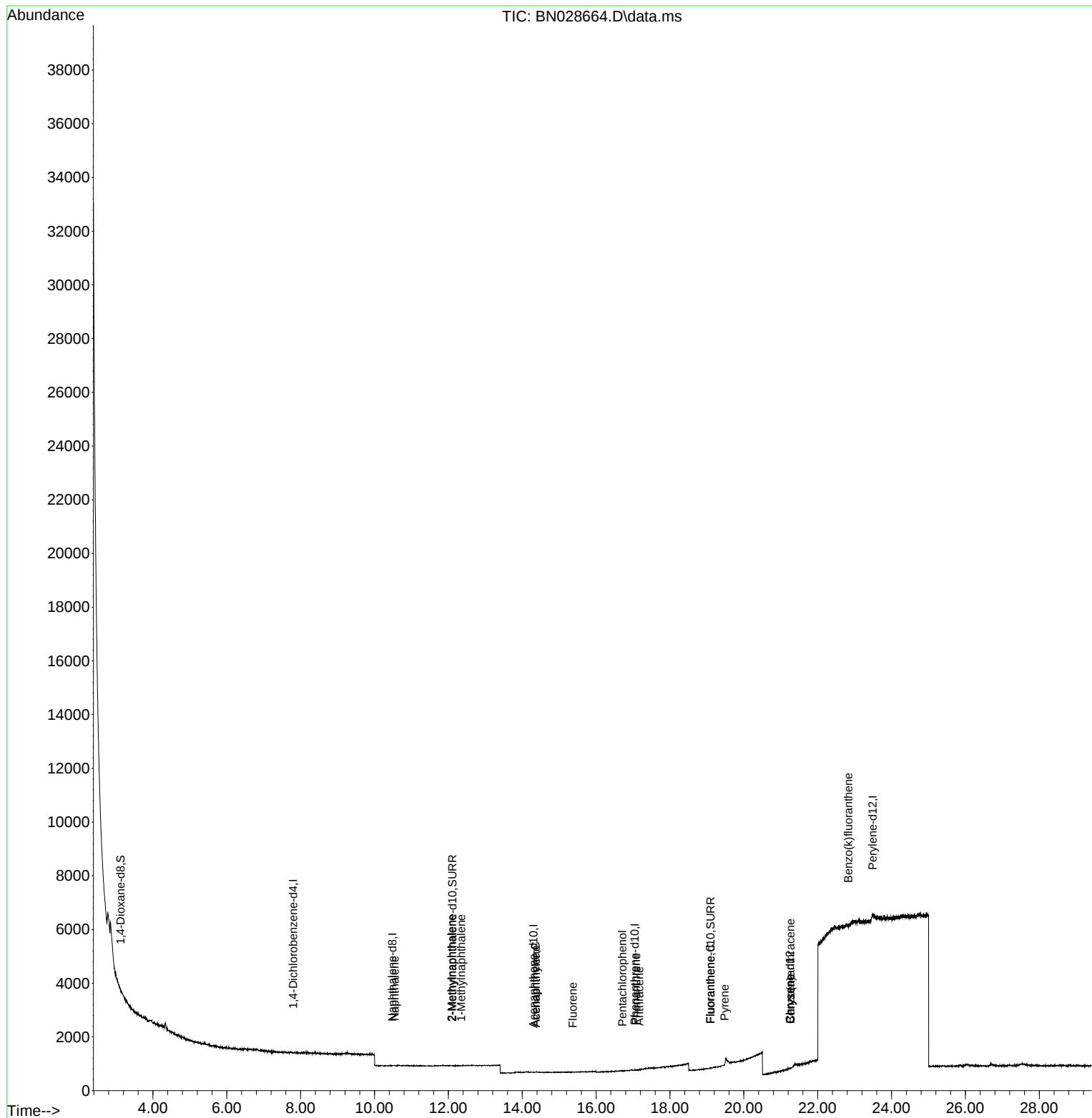
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.795	152	7	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.484	136	3	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.306	164	7	0.400	ng/ul	#-0.02
13) Phenanthrene-d10	17.047	188	5	0.400	ng/ul	#-0.04
17) Chrysene-d12	21.248	240	6	0.400	ng/ul	#-0.05
23) Perylene-d12	23.487	264	329	0.400	ng/ul	#-0.09
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	26	3.361	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.107	152	5	1.107	ng/ul	0.00
18) Fluoranthene-d10	19.098	212	8	0.414	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.545	128	9	1.071	ng/ul#	1
7) 2-Methylnaphthalene	12.090	142	5	0.903	ng/ul	88
8) 1-Methylnaphthalene	12.348	142	7	1.245	ng/ul#	48
10) Acenaphthylene	14.367	152	1	0.029	ng/ul#	1
11) Acenaphthene	14.362	153	4	0.156	ng/ul#	71
12) Fluorene	15.371	166	2	0.067	ng/ul#	24
14) Pentachlorophenol	16.709	266	5	4.167	ng/ul#	10
15) Phenanthrene	17.089	178	12	0.781	ng/ul#	1
16) Anthracene	17.170	178	4	0.284	ng/ul#	1
19) Fluoranthene	19.093	202	7	0.274	ng/ul#	1
20) Pyrene	19.479	202	3	0.113	ng/ul#	1
21) Benzo(a)anthracene	21.263	228	3	0.126	ng/ul#	1
22) Chrysene	21.271	228	3	0.129	ng/ul#	1
25) Benzo(k)fluoranthene	22.832	252	35	0.027	ng/ul#	1

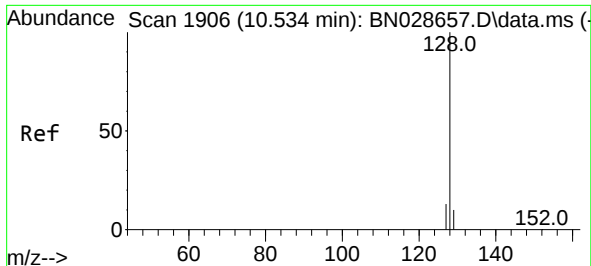
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
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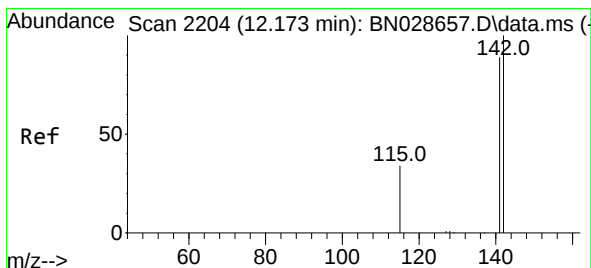
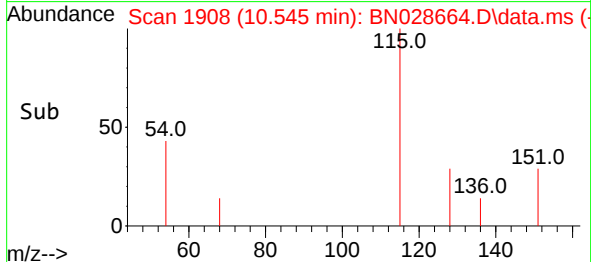
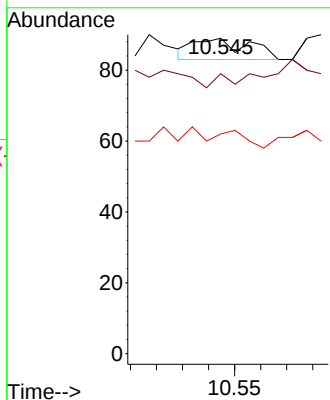
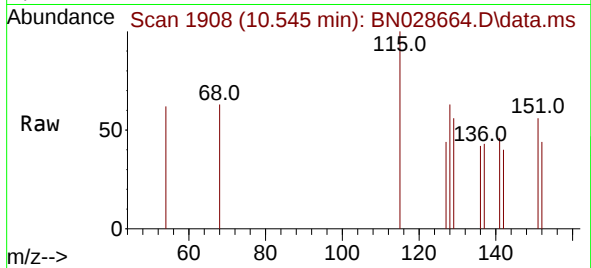




#5
Naphthalene
Concen: 1.071 ng/ul
RT: 10.545 min Scan# 1906
Delta R.T. 0.011 min
Lab File: BN028664.D
Acq: 16 Nov 2023 15:11

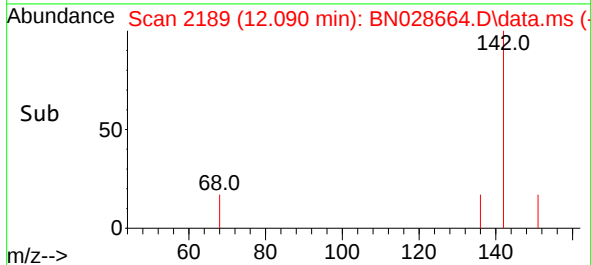
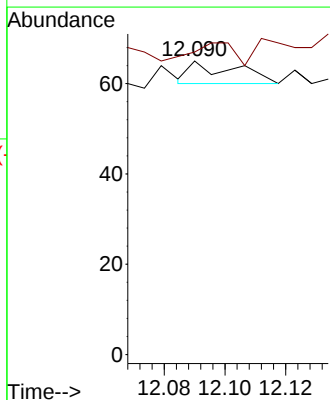
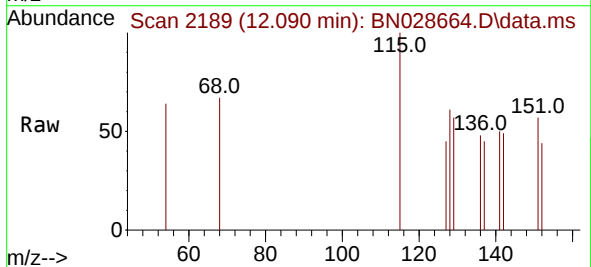
Instrument :
BNA_N
ClientSampleId :
GCDM4

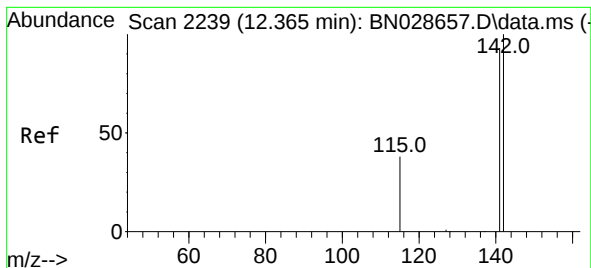
Tgt Ion:128 Resp: 9
Ion Ratio Lower Upper
128 100
129 88.8 9.2 13.8#
127 69.7 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.903 ng/ul
RT: 12.090 min Scan# 2189
Delta R.T. -0.083 min
Lab File: BN028664.D
Acq: 16 Nov 2023 15:11

Tgt Ion:142 Resp: 5
Ion Ratio Lower Upper
142 100
141 100.0 70.8 106.2

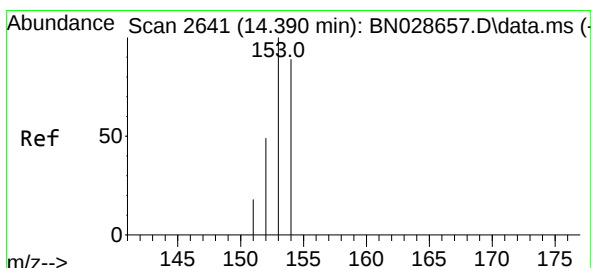
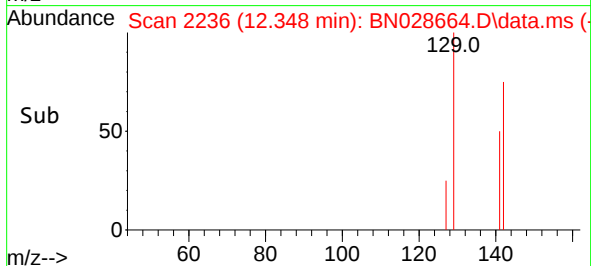
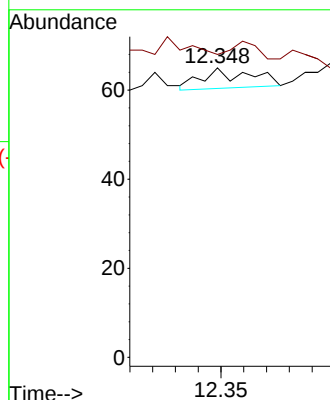
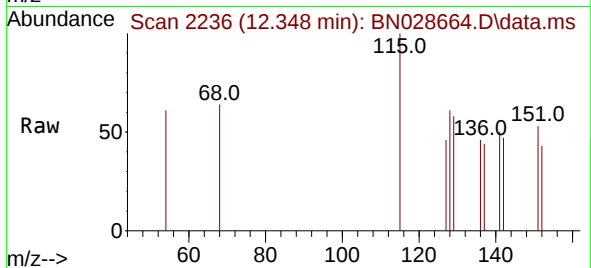




#8
1-Methylnaphthalene
Concen: 1.245 ng/ul
RT: 12.348 min Scan# 211
Delta R.T. -0.017 min
Lab File: BN028664.D
Acq: 16 Nov 2023 15:11

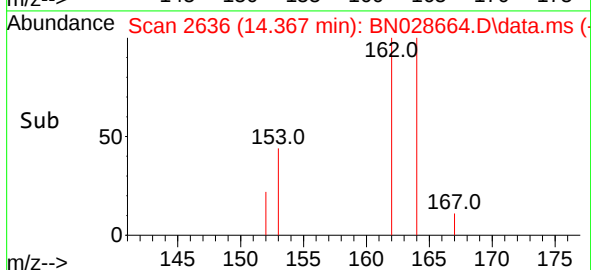
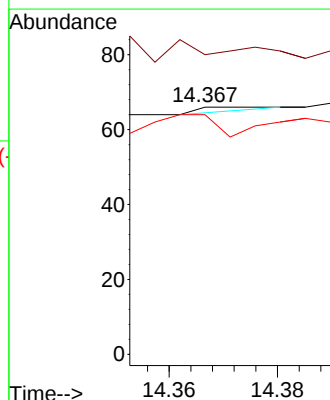
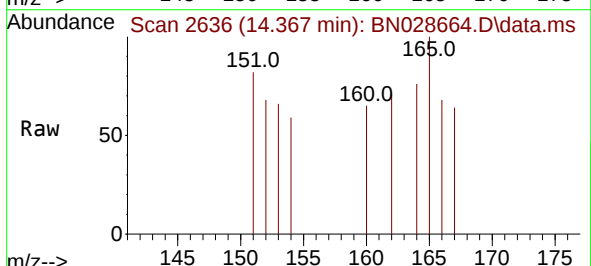
Instrument :
BNA_N
ClientSampleId :
GCDM4

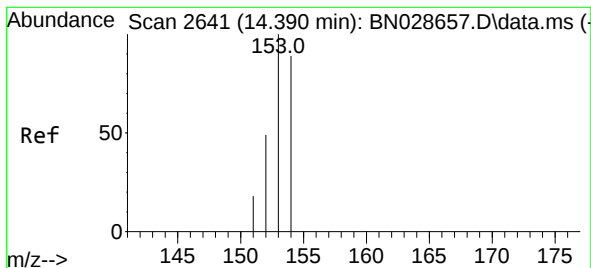
Tgt Ion:142 Resp: 7
Ion Ratio Lower Upper
142 100
141 42.9 74.1 111.1#



#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 14.367 min Scan# 2636
Delta R.T. -0.023 min
Lab File: BN028664.D
Acq: 16 Nov 2023 15:11

Tgt Ion:152 Resp: 1
Ion Ratio Lower Upper
152 100
151 121.2 16.1 24.1#
153 97.0 10.6 15.8#





#11

Acenaphthene

Concen: 0.156 ng/ul

RT: 14.362 min Scan# 2635

Delta R.T. -0.028 min

Lab File: BN028664.D

Acq: 16 Nov 2023 15:11

Instrument :

BNA_N

ClientSampleId :

GCDM4

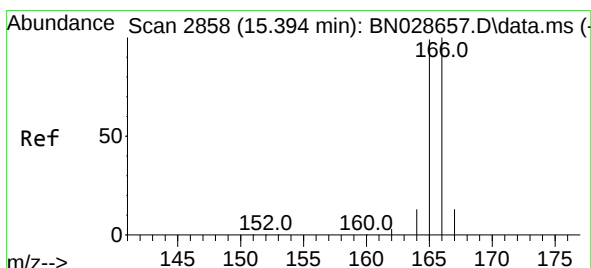
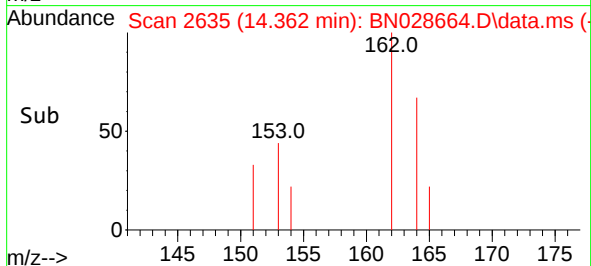
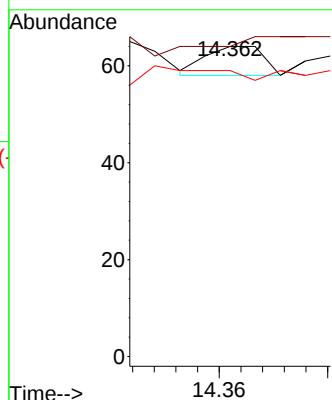
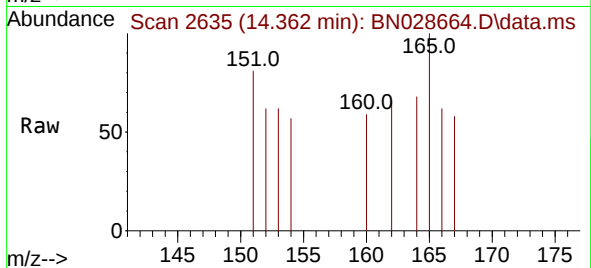
Tgt Ion:153 Resp: 4

Ion Ratio Lower Upper

153 100

152 100.0 39.6 59.4#

154 92.2 71.0 106.6



#12

Fluorene

Concen: 0.067 ng/ul

RT: 15.371 min Scan# 2853

Delta R.T. -0.023 min

Lab File: BN028664.D

Acq: 16 Nov 2023 15:11

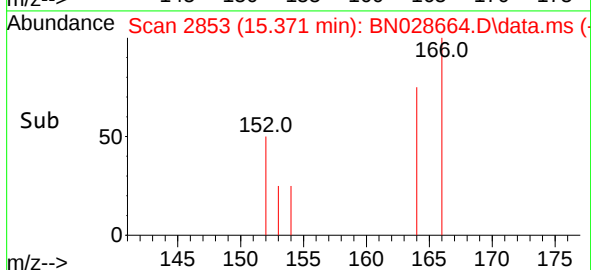
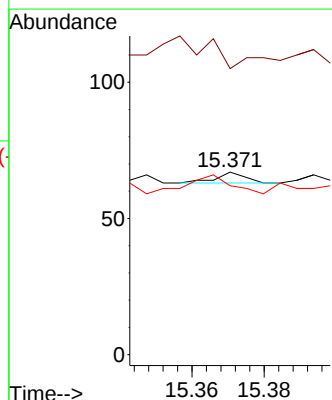
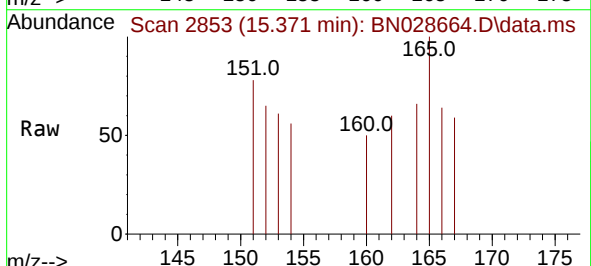
Tgt Ion:166 Resp: 2

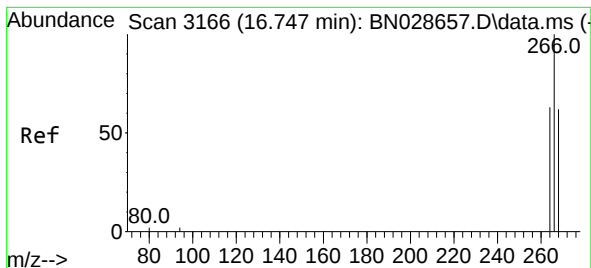
Ion Ratio Lower Upper

166 100

165 156.7 78.6 118.0#

167 92.5 11.0 16.6#

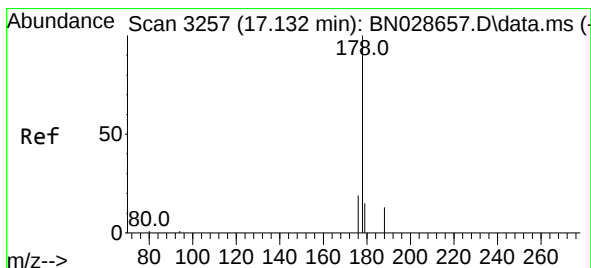
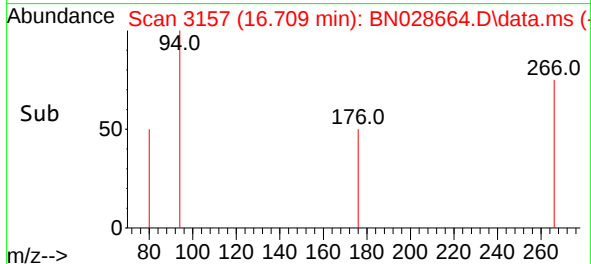
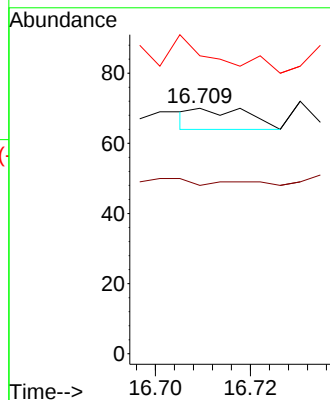
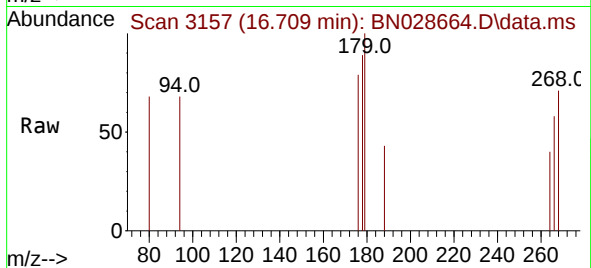




#14
 Pentachlorophenol
 Concen: 4.167 ng/ul
 RT: 16.709 min Scan# 3166
 Delta R.T. -0.038 min
 Lab File: BN028664.D
 Acq: 16 Nov 2023 15:11

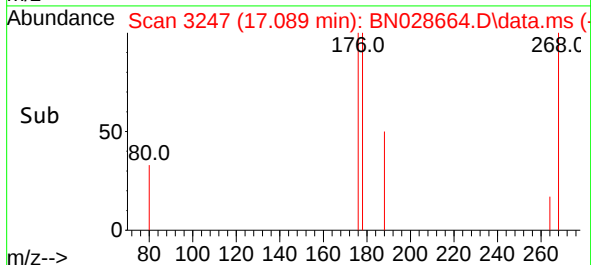
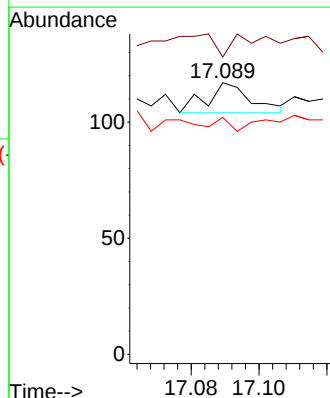
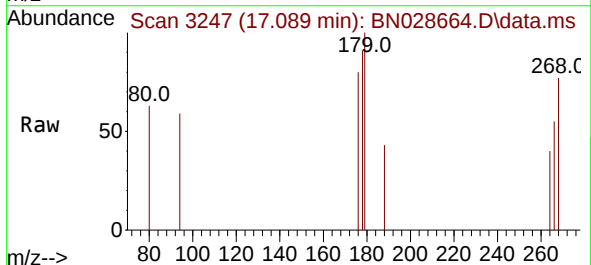
Instrument :
 BNA_N
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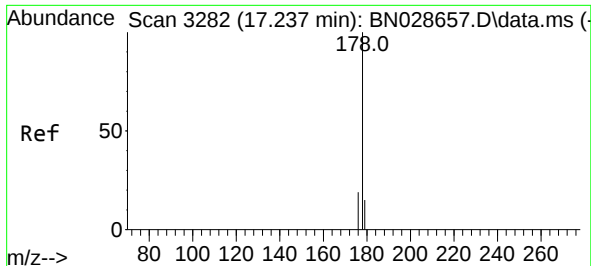
Tgt Ion:266 Resp: 5
 Ion Ratio Lower Upper
 266 100
 264 0.0 50.1 75.1#
 268 140.0 50.6 75.8#



#15
 Phenanthrene
 Concen: 0.781 ng/ul
 RT: 17.089 min Scan# 3247
 Delta R.T. -0.042 min
 Lab File: BN028664.D
 Acq: 16 Nov 2023 15:11

Tgt Ion:178 Resp: 12
 Ion Ratio Lower Upper
 178 100
 179 109.4 12.4 18.6#
 176 87.2 15.4 23.2#

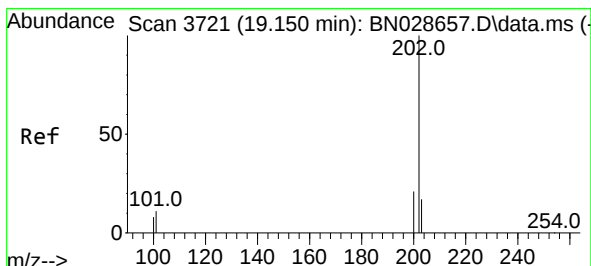
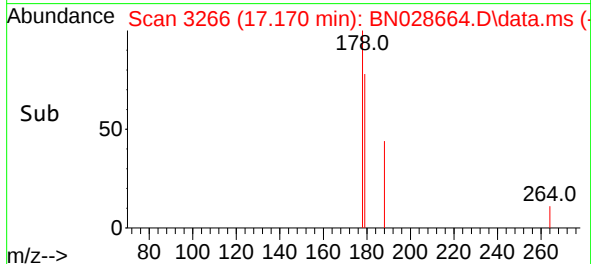
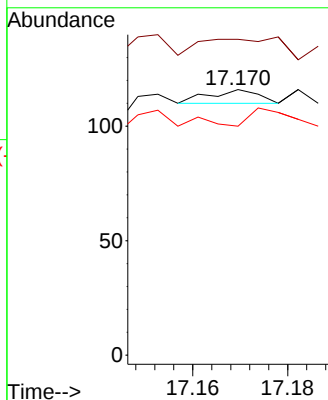
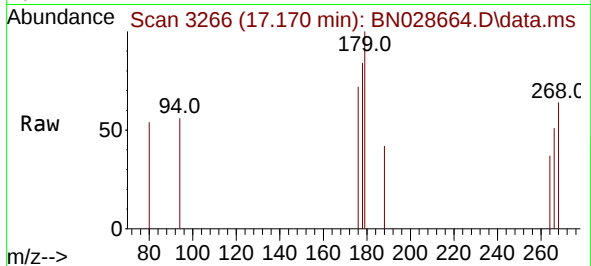




#16
Anthracene
Concen: 0.284 ng/ul
RT: 17.170 min Scan# 31
Delta R.T. -0.068 min
Lab File: BN028664.D
Acq: 16 Nov 2023 15:11

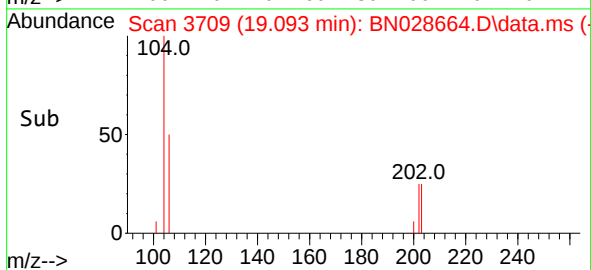
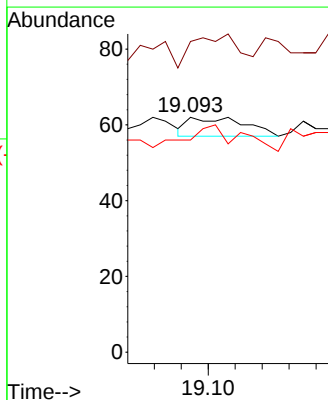
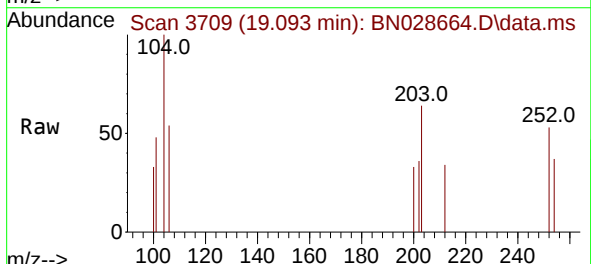
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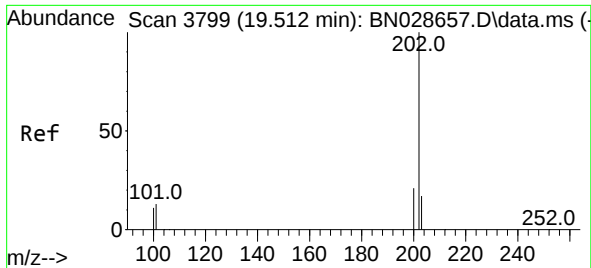
Tgt Ion:178 Resp: 4
Ion Ratio Lower Upper
178 100
179 119.0 12.6 18.8#
176 86.2 14.9 22.3#



#19
Fluoranthene
Concen: 0.274 ng/ul
RT: 19.093 min Scan# 3709
Delta R.T. -0.056 min
Lab File: BN028664.D
Acq: 16 Nov 2023 15:11

Tgt Ion:202 Resp: 7
Ion Ratio Lower Upper
202 100
101 132.3 9.5 14.3#
100 90.3 7.2 10.8#

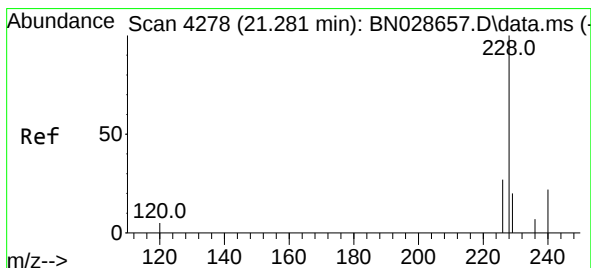
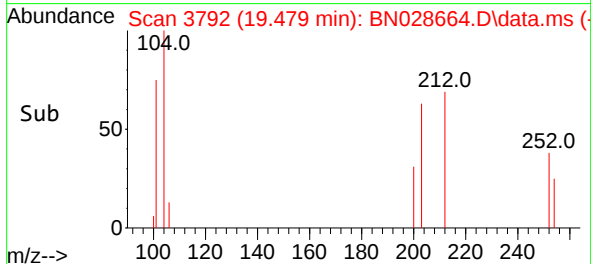
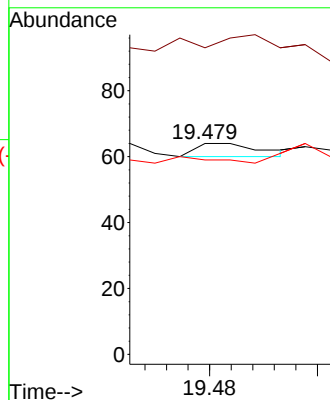
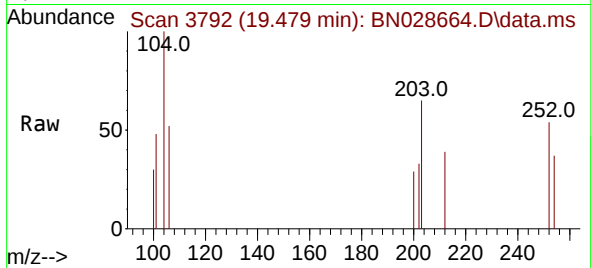




#20
Pyrene
Concen: 0.113 ng/ul
RT: 19.479 min Scan# 31
Delta R.T. -0.033 min
Lab File: BN028664.D
Acq: 16 Nov 2023 15:11

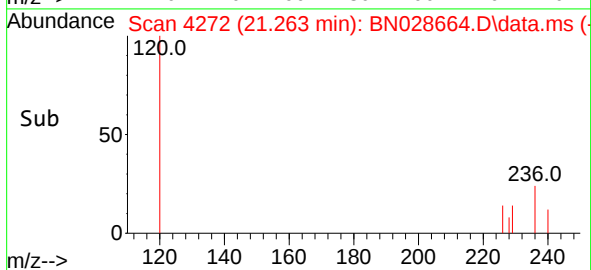
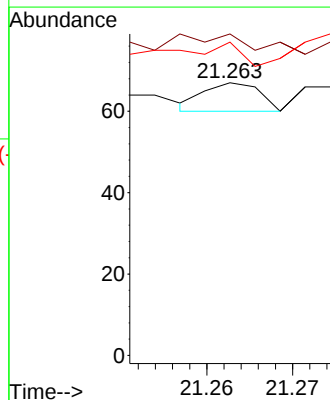
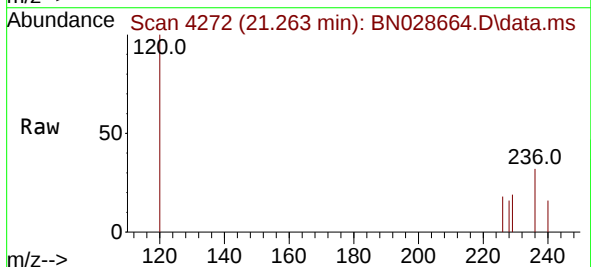
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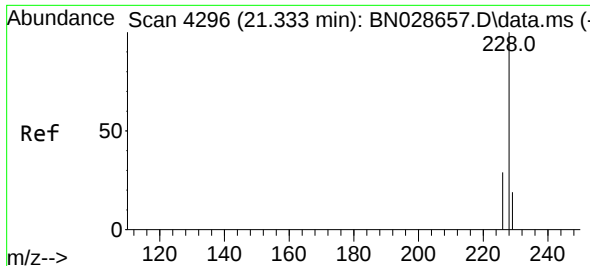
Tgt Ion:202 Resp: 3
Ion Ratio Lower Upper
202 100
101 145.3 10.3 15.5#
100 92.2 8.2 12.2#



#21
Benzo(a)anthracene
Concen: 0.126 ng/ul
RT: 21.263 min Scan# 4272
Delta R.T. -0.018 min
Lab File: BN028664.D
Acq: 16 Nov 2023 15:11

Tgt Ion:228 Resp: 3
Ion Ratio Lower Upper
228 100
229 117.9 15.7 23.5#
226 114.9 21.4 32.0#

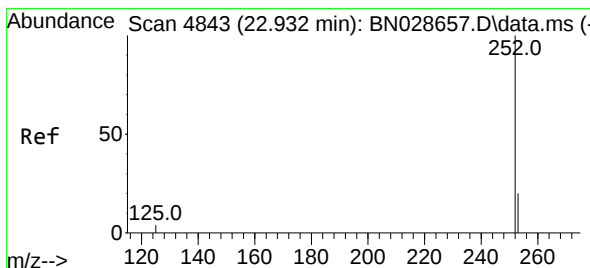
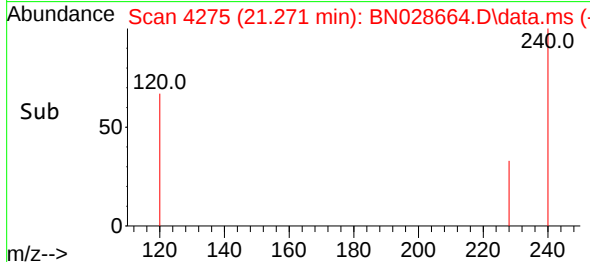
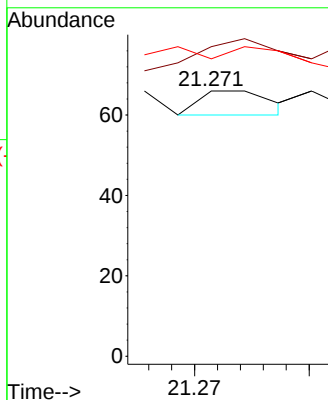
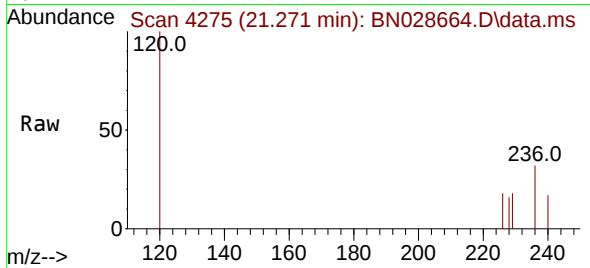




#22
Chrysene
Concen: 0.129 ng/ul
RT: 21.271 min Scan# 41
Delta R.T. -0.062 min
Lab File: BN028664.D
Acq: 16 Nov 2023 15:11

Instrument :
BNA_N
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GCDM4

Tgt Ion:228 Resp: 3
Ion Ratio Lower Upper
228 100
226 116.7 23.8 35.8#
229 112.1 15.4 23.2#



#25
Benzo(k)fluoranthene
Concen: 0.027 ng/ul
RT: 22.832 min Scan# 4809
Delta R.T. -0.100 min
Lab File: BN028664.D
Acq: 16 Nov 2023 15:11

Tgt Ion:252 Resp: 35
Ion Ratio Lower Upper
252 100
253 140.0 18.6 28.0#
125 168.0 12.7 19.1#

