

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111924\
 Data File : BN035160.D
 Acq On : 19 Nov 2024 13:53
 Operator : RC/JU
 Sample : P4847-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A0AT1

Quant Time: Nov 19 14:21:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 18 00:44:37 2024
 Response via : Initial Calibration

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

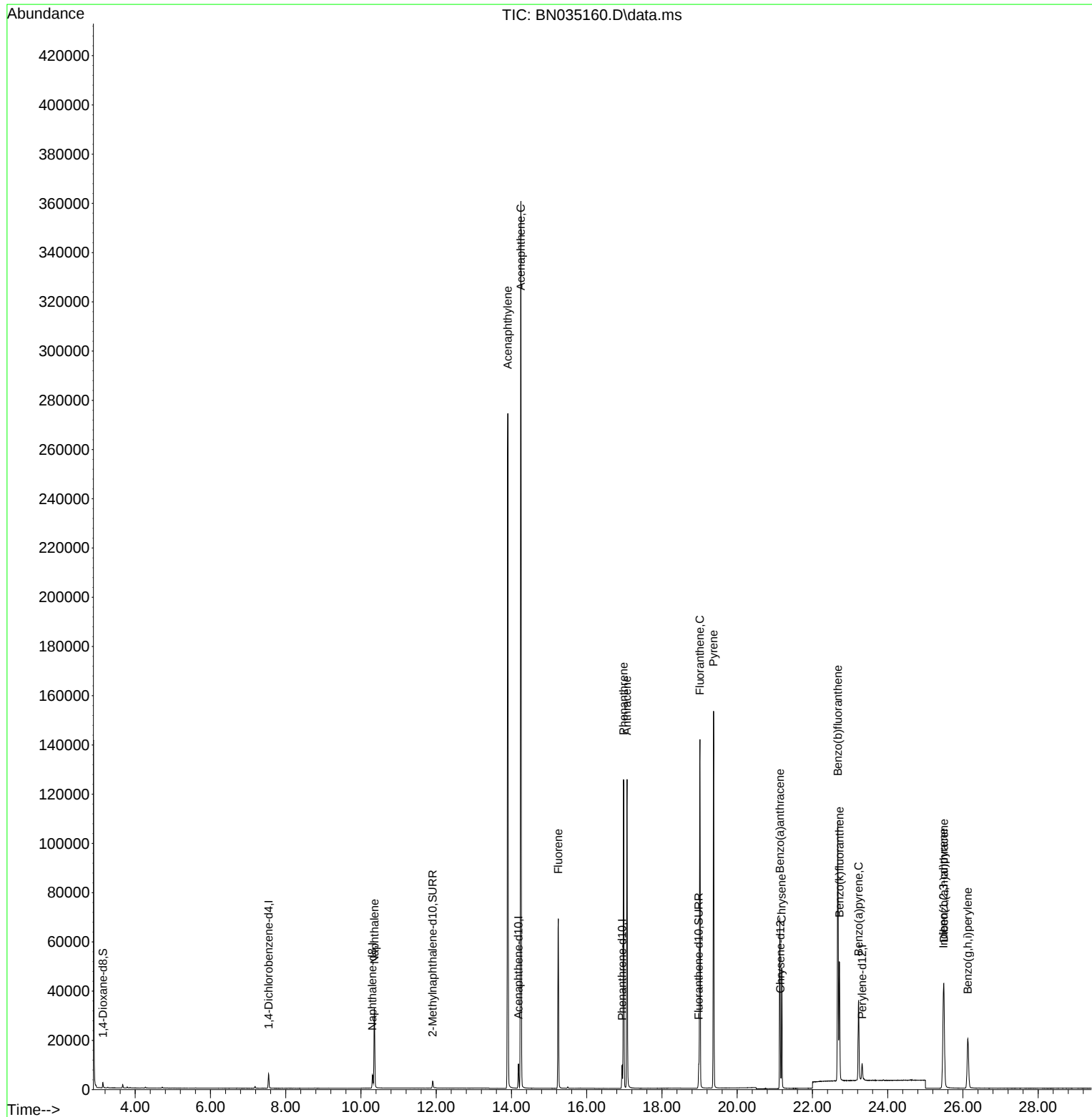
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	3059	0.400	ng/ul	0.00
4) Naphthalene-d8	10.306	136	7349	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.185	164	5295	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.941	188	11358	0.400	ng/ul	0.00
17) Chrysene-d12	21.148	240	8770	0.400	ng/ul	0.00
23) Perylene-d12	23.320	264	8504	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	1564	0.559	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.906	152	4049	0.376	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	11096	0.459	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.355	128	42740	2.309	ng/ul	97
10) Acenaphthylene	13.903	152	291917	13.898	ng/ul	98
11) Acenaphthene	14.249	153	200527	12.478	ng/ul	98
12) Fluorene	15.244	166	43311	2.296	ng/ul	99
15) Phenanthrene	16.979	178	128847	4.291	ng/ul	99
16) Anthracene	17.072	178	125158	4.491	ng/ul	98
19) Fluoranthene	19.009	202	126930	4.157	ng/ul	98
20) Pyrene	19.372	202	128507	4.044	ng/ul	100
21) Benzo(a)anthracene	21.134	228	56693	1.863	ng/ul	100
22) Chrysene	21.183	228	39605	1.293	ng/ul	99
24) Benzo(b)fluoranthene	22.674	252	130940	4.658	ng/ul	91
25) Benzo(k)fluoranthene	22.717	252	58918	2.033	ng/ul#	91
26) Benzo(a)pyrene	23.226	252	47068	1.832	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.480	276	46662	1.345	ng/ul	97
28) Dibenzo(a,h)anthracene	25.493	278	47745	1.755	ng/ul	93
29) Benzo(g,h,i)perylene	26.131	276	41242	1.508	ng/ul	97

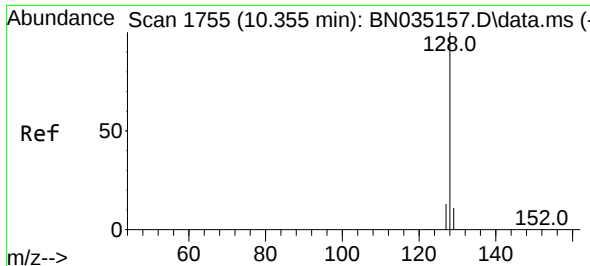
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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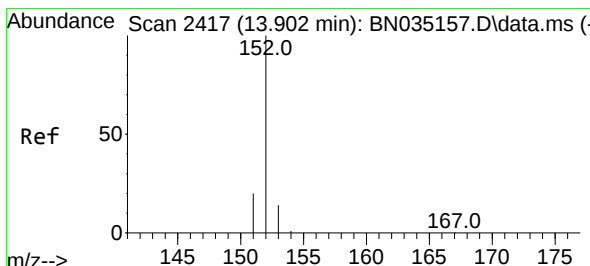
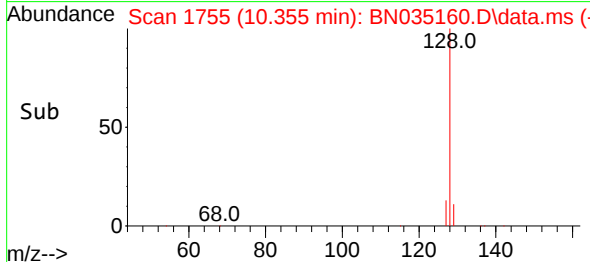
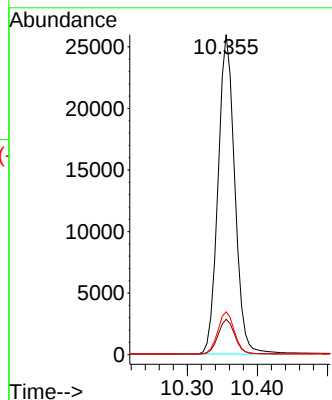
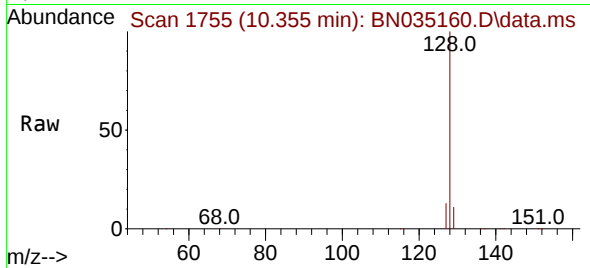




#5
Naphthalene
Concen: 2.309 ng/ul
RT: 10.355 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BN035160.D
Acq: 19 Nov 2024 13:53

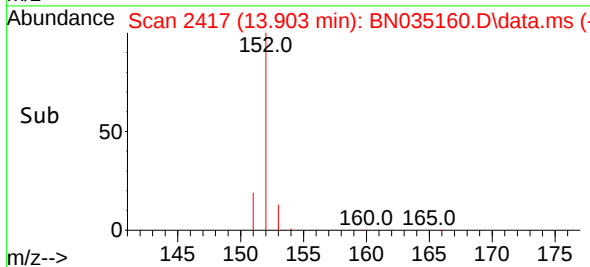
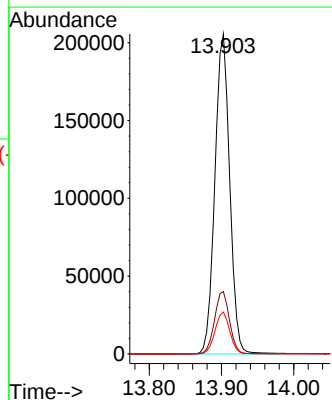
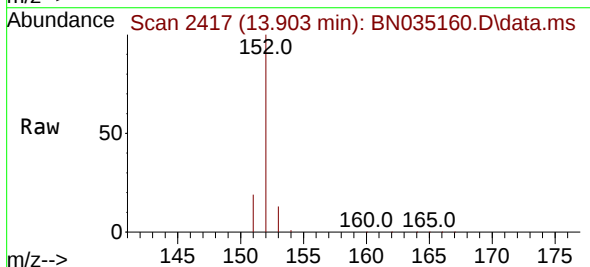
Instrument :
BNA_N
ClientSampleId :
A0AT1

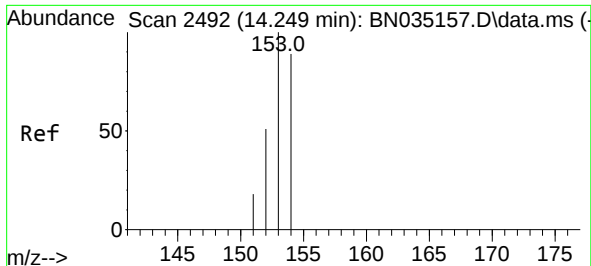
Tgt Ion:128 Resp: 42740
Ion Ratio Lower Upper
128 100
129 11.0 9.9 14.9
127 13.4 11.4 17.2



#10
Acenaphthylene
Concen: 13.898 ng/ul
RT: 13.903 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BN035160.D
Acq: 19 Nov 2024 13:53

Tgt Ion:152 Resp: 291917
Ion Ratio Lower Upper
152 100
151 19.5 16.4 24.6
153 13.1 11.1 16.7

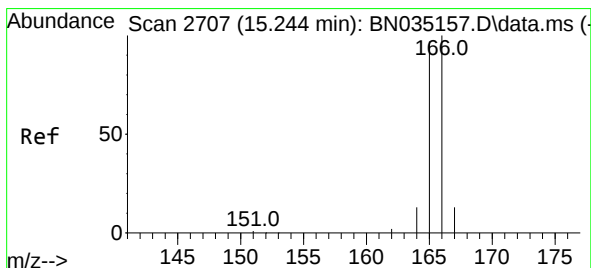
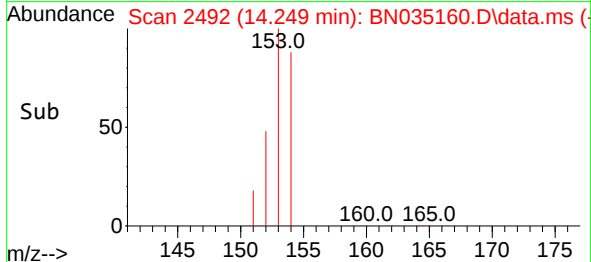
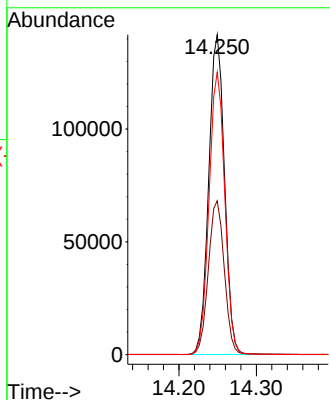
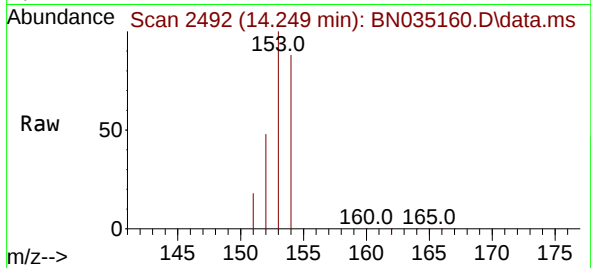




#11
Acenaphthene
Concen: 12.478 ng/ul
RT: 14.249 min Scan# 2492
Delta R.T. -0.000 min
Lab File: BN035160.D
Acq: 19 Nov 2024 13:53

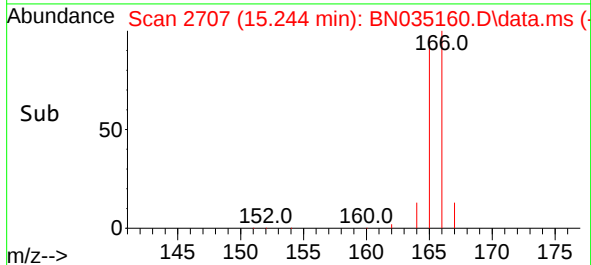
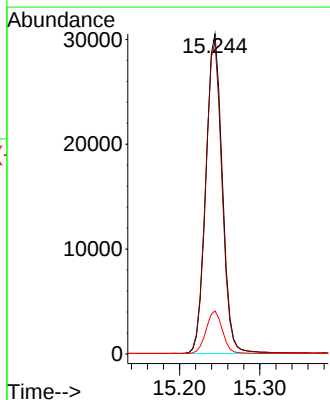
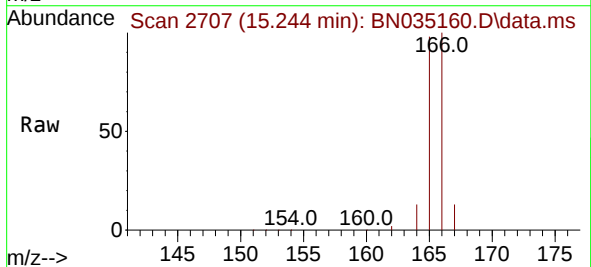
Instrument :
BNA_N
ClientSampleId :
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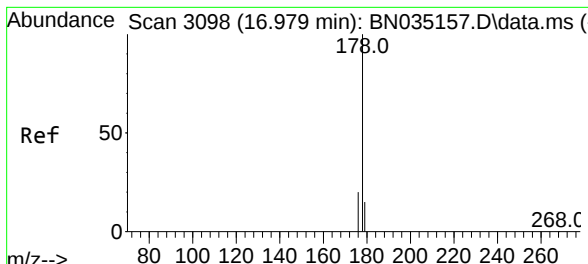
Tgt Ion:153 Resp: 200527
Ion Ratio Lower Upper
153 100
152 48.1 41.4 62.0
154 88.3 71.2 106.8



#12
Fluorene
Concen: 2.296 ng/ul
RT: 15.244 min Scan# 2707
Delta R.T. -0.000 min
Lab File: BN035160.D
Acq: 19 Nov 2024 13:53

Tgt Ion:166 Resp: 43311
Ion Ratio Lower Upper
166 100
165 97.5 78.6 118.0
167 13.5 11.8 17.6

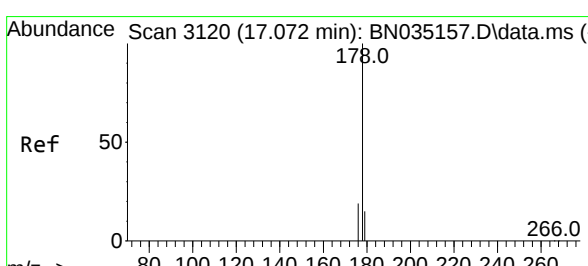
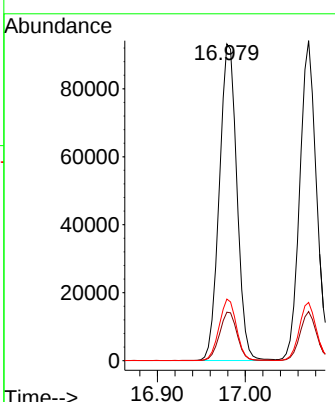
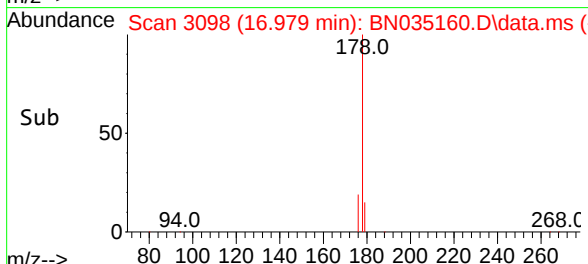
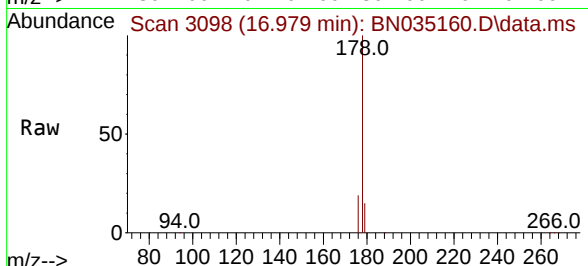




#15
Phenanthrene
Concen: 4.291 ng/u1
RT: 16.979 min Scan# 3098
Delta R.T. -0.004 min
Lab File: BN035160.D
Acq: 19 Nov 2024 13:53

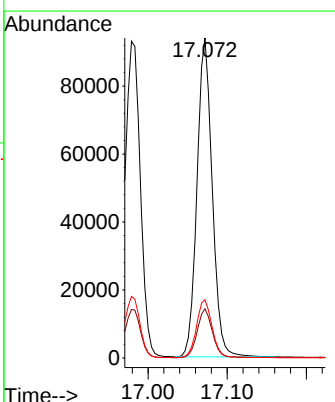
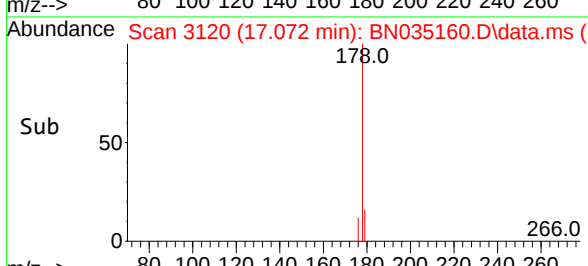
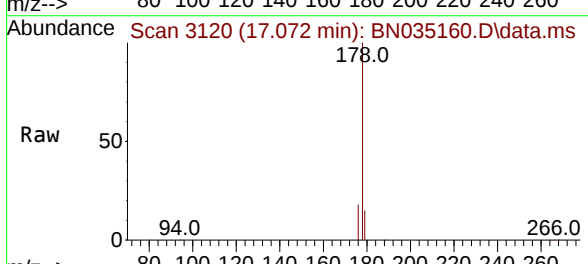
Instrument :
BNA_N
ClientSampleId :
A0AT1

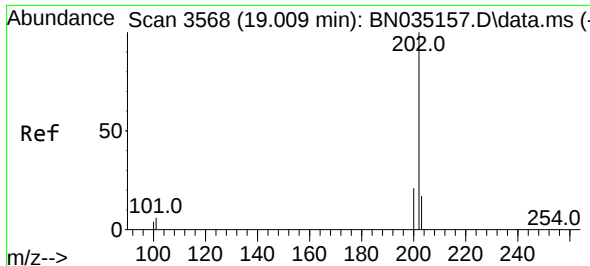
Tgt Ion:	178	Resp:	128847
Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.9	19.3
176	19.4	15.6	23.4



#16
Anthracene
Concen: 4.491 ng/u1
RT: 17.072 min Scan# 3120
Delta R.T. -0.004 min
Lab File: BN035160.D
Acq: 19 Nov 2024 13:53

Tgt Ion:	178	Resp:	125158
Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.9	19.3
176	18.2	15.4	23.2

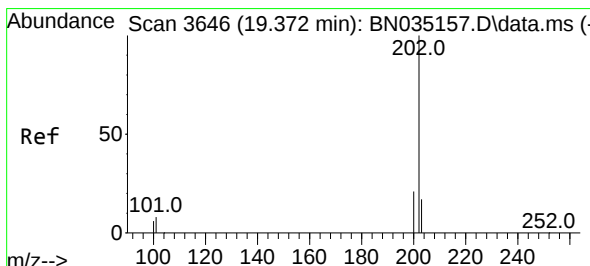
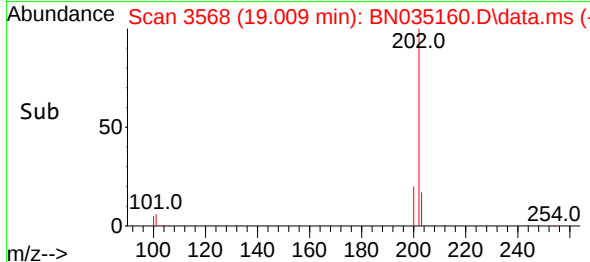
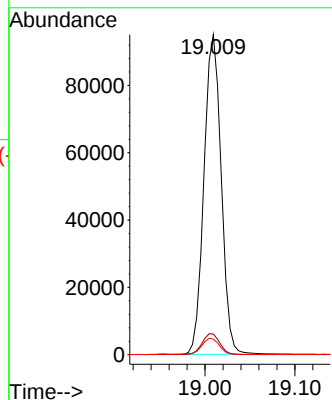
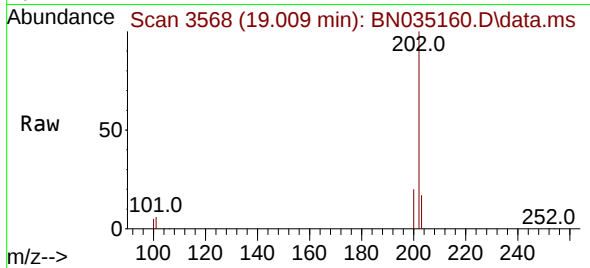




#19
Fluoranthene
Concen: 4.157 ng/ul
RT: 19.009 min Scan# 3568
Delta R.T. -0.000 min
Lab File: BN035160.D
Acq: 19 Nov 2024 13:53

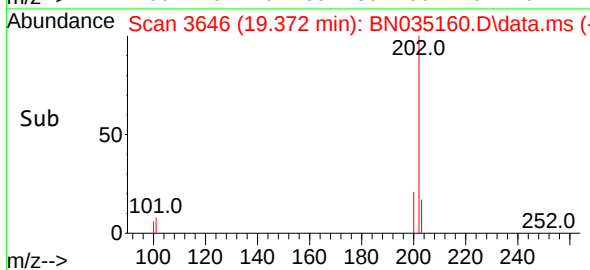
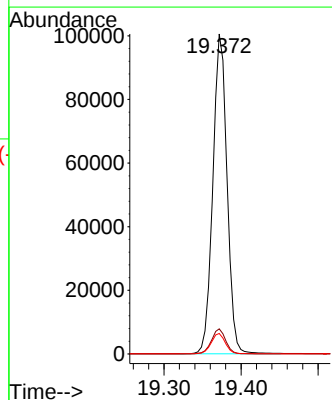
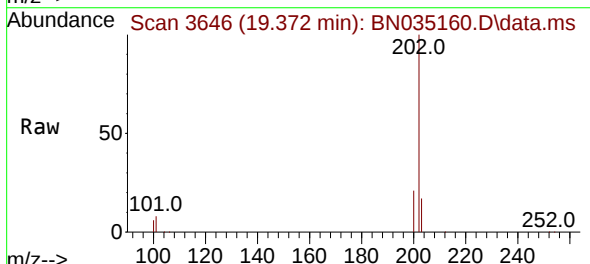
Instrument :
BNA_N
ClientSampleId :
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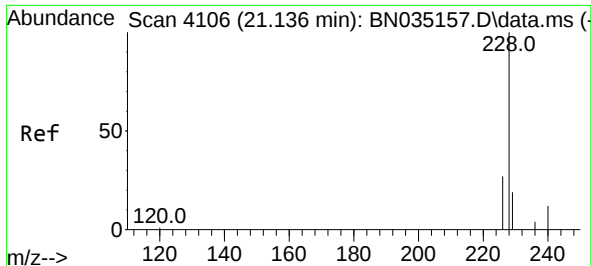
Tgt Ion:202 Resp: 126930
Ion Ratio Lower Upper
202 100
101 6.4 5.8 8.6
100 4.8 4.5 6.7



#20
Pyrene
Concen: 4.044 ng/ul
RT: 19.372 min Scan# 3646
Delta R.T. -0.005 min
Lab File: BN035160.D
Acq: 19 Nov 2024 13:53

Tgt Ion:202 Resp: 128507
Ion Ratio Lower Upper
202 100
101 7.9 6.2 9.4
100 6.4 5.1 7.7

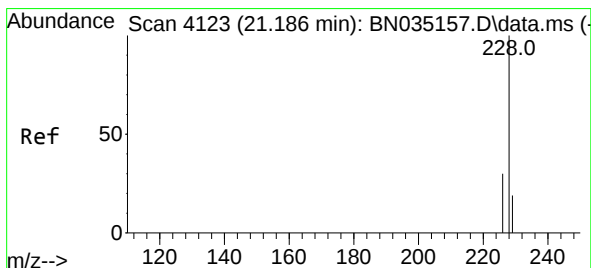
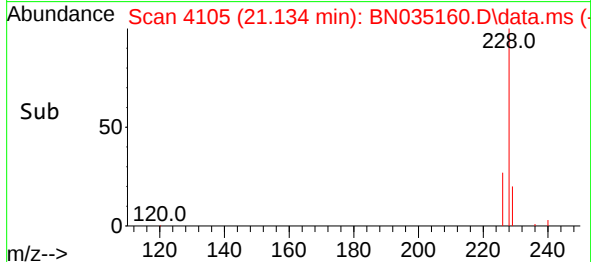
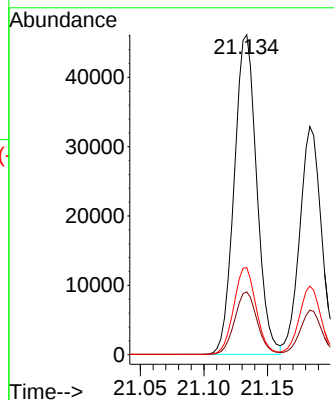
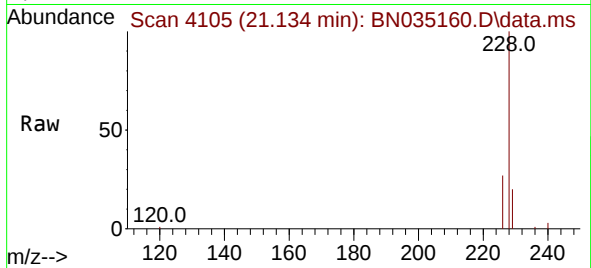




#21
Benzo(a)anthracene
Concen: 1.863 ng/ul
RT: 21.134 min Scan# 4106
Delta R.T. -0.006 min
Lab File: BN035160.D
Acq: 19 Nov 2024 13:53

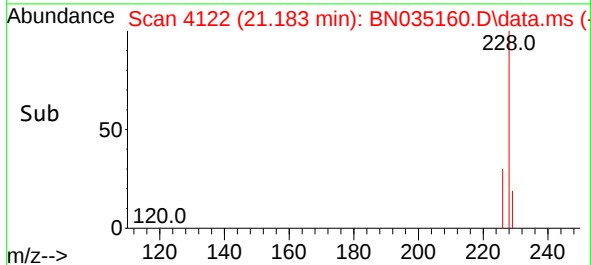
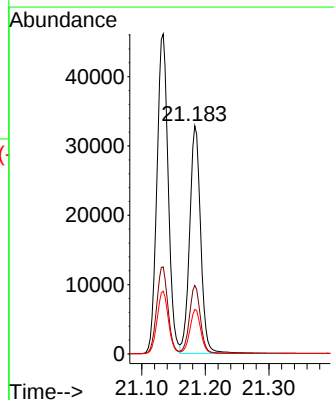
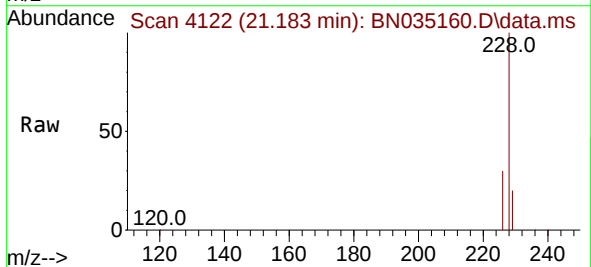
Instrument :
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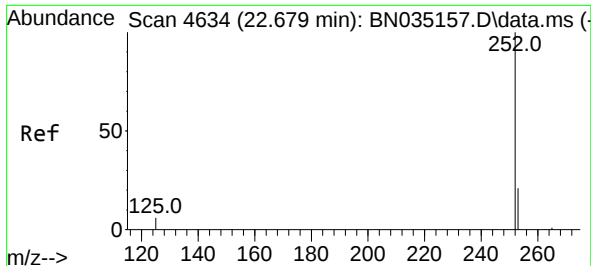
Tgt Ion:228 Resp: 56693
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.8
226 27.2 21.8 32.8



#22
Chrysene
Concen: 1.293 ng/ul
RT: 21.183 min Scan# 4122
Delta R.T. -0.006 min
Lab File: BN035160.D
Acq: 19 Nov 2024 13:53

Tgt Ion:228 Resp: 39605
Ion Ratio Lower Upper
228 100
226 30.0 24.7 37.1
229 19.5 16.0 24.0

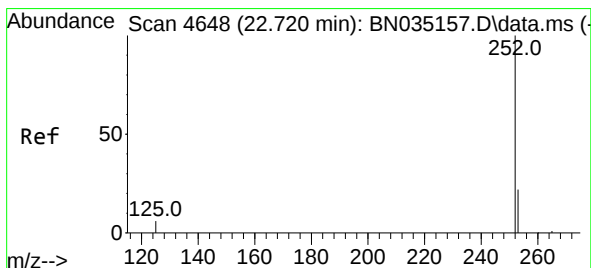
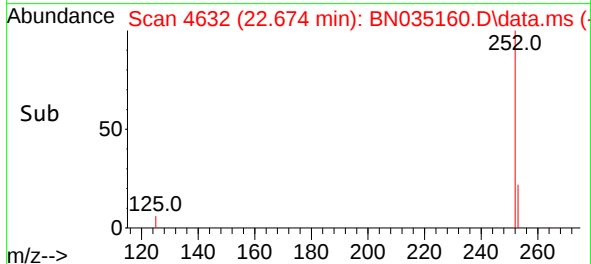
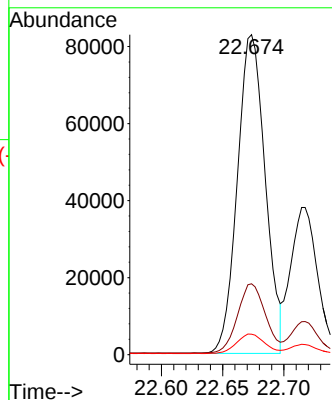
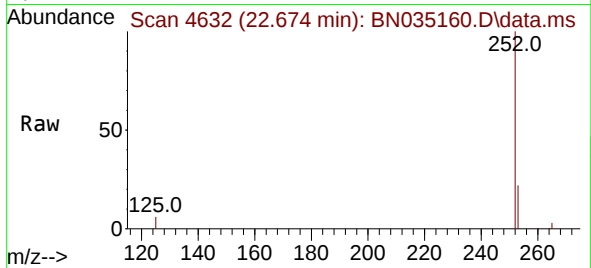




#24
Benzo(b)fluoranthene
Concen: 4.658 ng/ul
RT: 22.674 min Scan# 4632
Delta R.T. -0.009 min
Lab File: BN035160.D
Acq: 19 Nov 2024 13:53

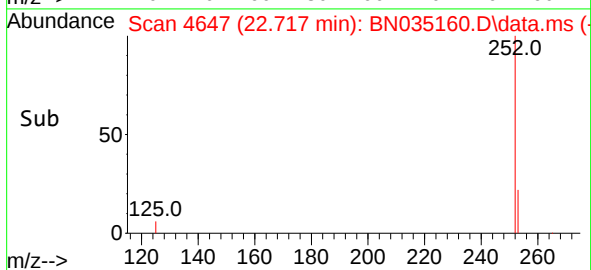
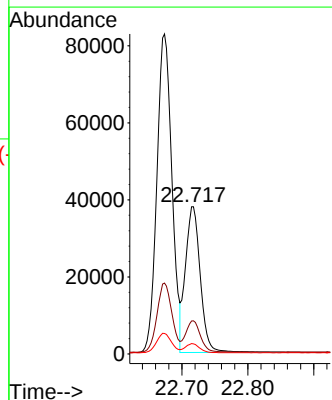
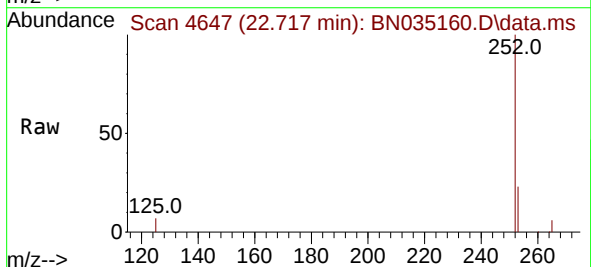
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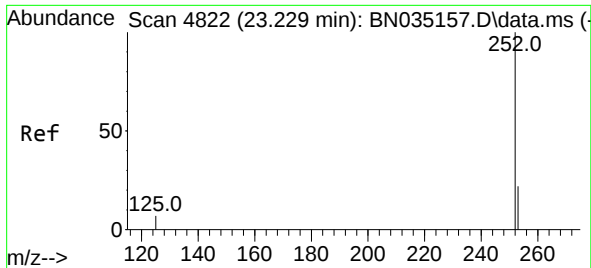
Tgt Ion:252 Resp: 130940
Ion Ratio Lower Upper
252 100
253 22.2 0.0 54.0
125 6.4 0.0 19.4



#25
Benzo(k)fluoranthene
Concen: 2.033 ng/ul
RT: 22.717 min Scan# 4647
Delta R.T. -0.006 min
Lab File: BN035160.D
Acq: 19 Nov 2024 13:53

Tgt Ion:252 Resp: 58918
Ion Ratio Lower Upper
252 100
253 22.5 21.8 32.6
125 6.9 8.6 12.8#

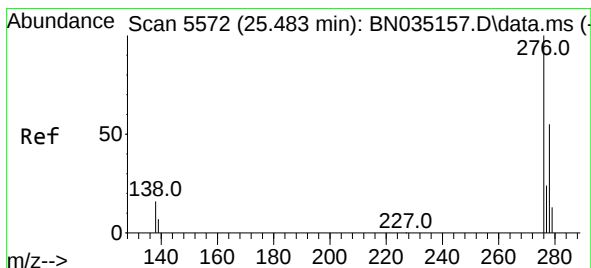
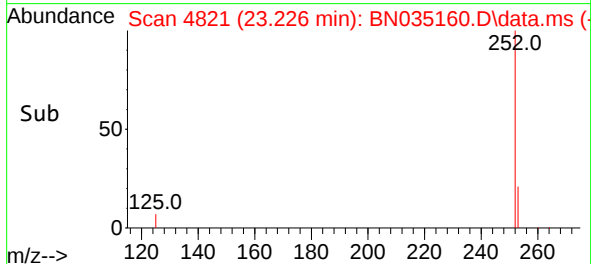
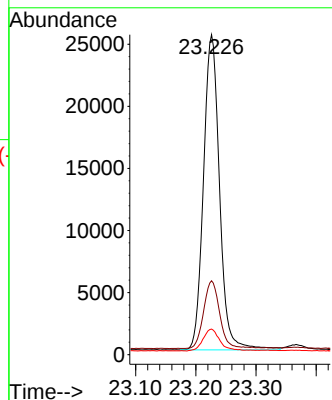
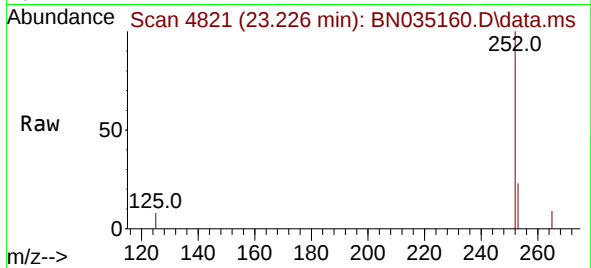




#26
Benzo(a)pyrene
Concen: 1.832 ng/ul
RT: 23.226 min Scan# 4822
Delta R.T. -0.006 min
Lab File: BN035160.D
Acq: 19 Nov 2024 13:53

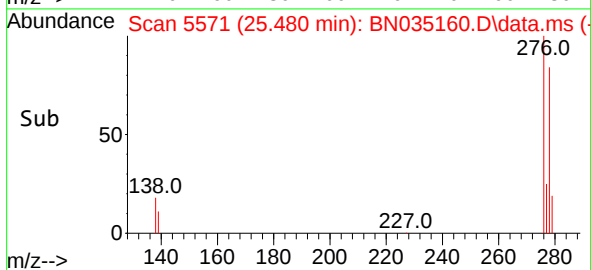
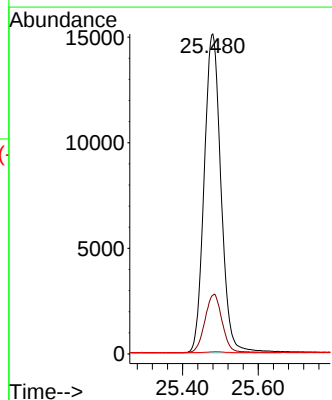
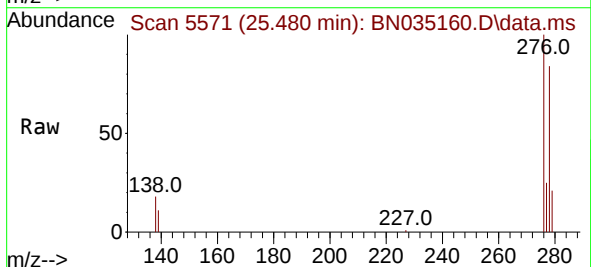
Instrument :
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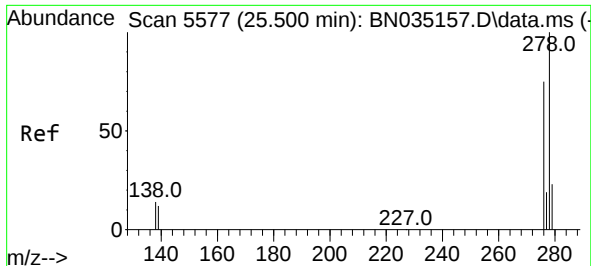
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Ion Ratio Lower Upper
252 100
253 23.1 22.9 34.3
125 8.0 9.4 14.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.345 ng/ul
RT: 25.480 min Scan# 5571
Delta R.T. -0.007 min
Lab File: BN035160.D
Acq: 19 Nov 2024 13:53

Tgt Ion:276 Resp: 46662
Ion Ratio Lower Upper
276 100
138 18.6 13.8 20.8
227 0.3 0.2 0.4

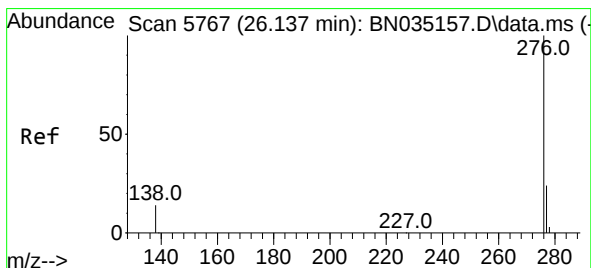
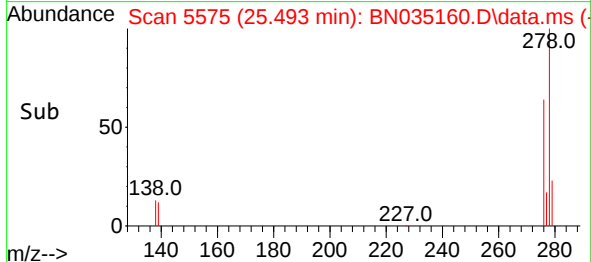
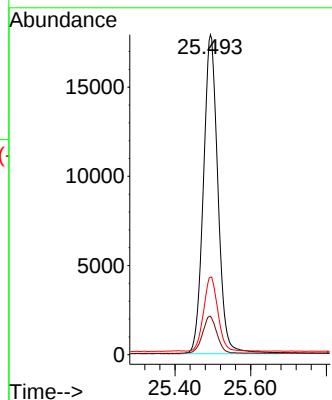
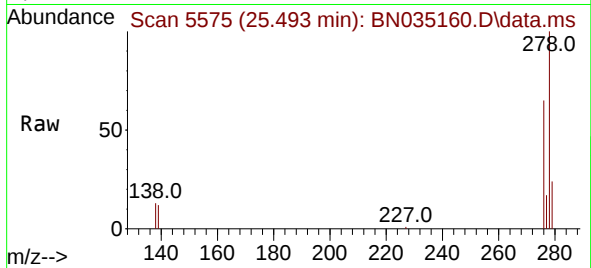




#28
 Dibenzo(a,h)anthracene
 Concen: 1.755 ng/ul
 RT: 25.493 min Scan# 51
 Delta R.T. -0.014 min
 Lab File: BN035160.D
 Acq: 19 Nov 2024 13:53

Instrument :
 BNA_N
 ClientSampleId :
 A0AT1

Tgt Ion:278 Resp: 47745
 Ion Ratio Lower Upper
 278 100
 139 12.0 10.7 16.1
 279 24.2 22.8 34.2



#29
 Benzo(g,h,i)perylene
 Concen: 1.508 ng/ul
 RT: 26.131 min Scan# 5765
 Delta R.T. -0.010 min
 Lab File: BN035160.D
 Acq: 19 Nov 2024 13:53

Tgt Ion:276 Resp: 41242
 Ion Ratio Lower Upper
 276 100
 138 15.4 13.0 19.6
 277 24.0 20.5 30.7

