

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027876.D
 Acq On : 26 Sep 2023 23:57
 Operator : MA/JU
 Sample : 04410-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHAD7

Quant Time: Sep 27 03:02:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

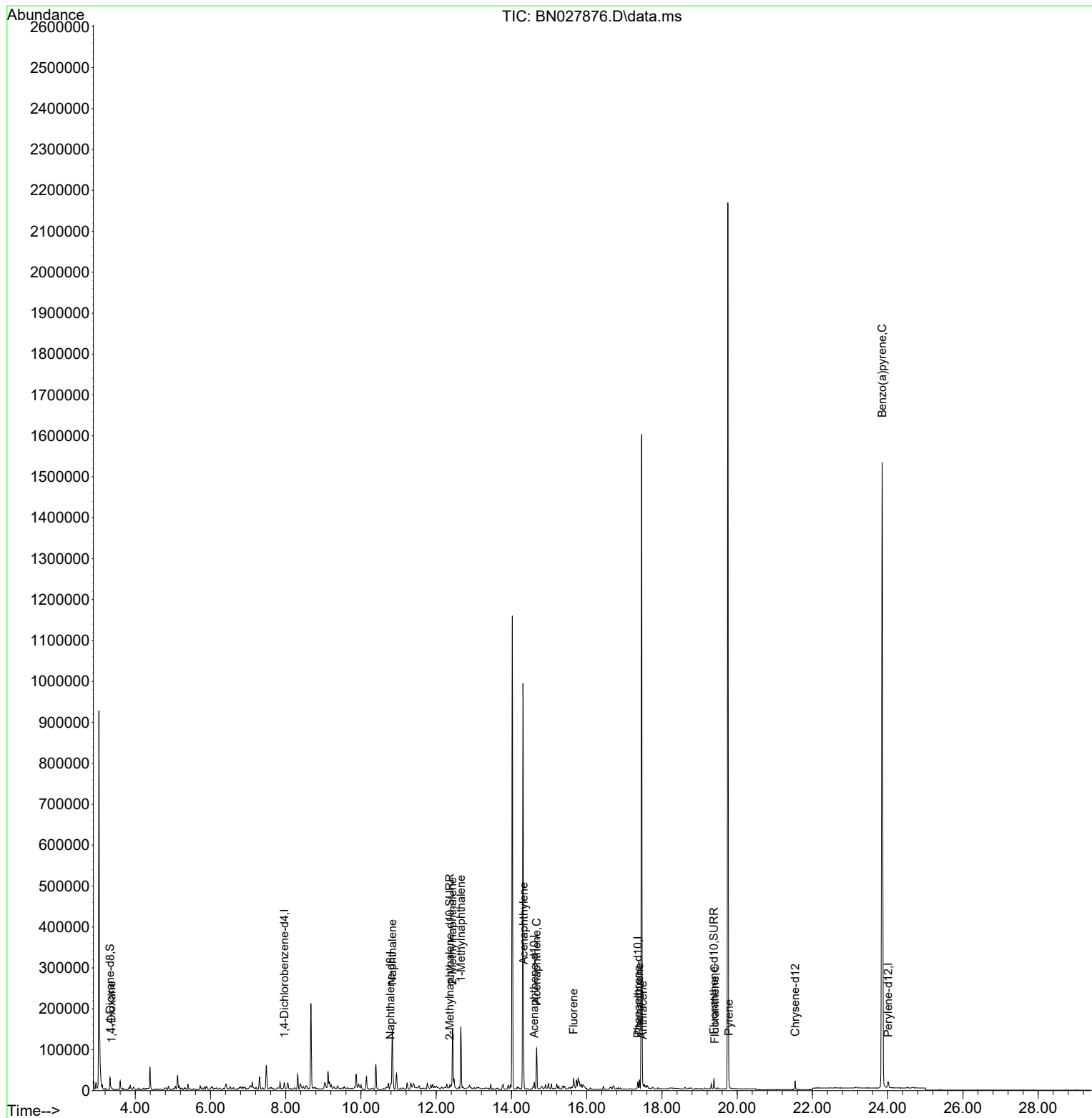
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.962	152	3282	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.784	136	12300	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.606	164	9393	0.400	ng/ul	0.01
13) Phenanthrene-d10	17.358	188	20336	0.400	ng/ul	# 0.02
17) Chrysene-d12	21.539	240	18247	0.400	ng/ul	0.02
23) Perylene-d12	24.009	264	21692	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	18595	4.498	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	7953	0.427	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	24537	0.440	ng/ul	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.368	88	2359	0.548	ng/ul#	82
5) Naphthalene	10.834	128	207977	5.916	ng/ul	99
7) 2-Methylnaphthalene	12.434	142	99319	4.453	ng/ul	100
8) 1-Methylnaphthalene	12.654	142	99074	4.306	ng/ul	99
10) Acenaphthylene	14.324	152	3353	0.082	ng/ul#	1
11) Acenaphthene	14.666	153	56383	1.590	ng/ul	97
12) Fluorene	15.651	166	14316	0.343	ng/ul#	96
15) Phenanthrene	17.400	178	25494	0.399	ng/ul#	93
16) Anthracene	17.493	178	4620	0.086	ng/ul#	67
19) Fluoranthene	19.408	202	2430	0.033	ng/ul#	68
20) Pyrene	19.780	202	7979	0.105	ng/ul#	89
26) Benzo(a)pyrene	23.851	252	7919	0.102	ng/ul#	57

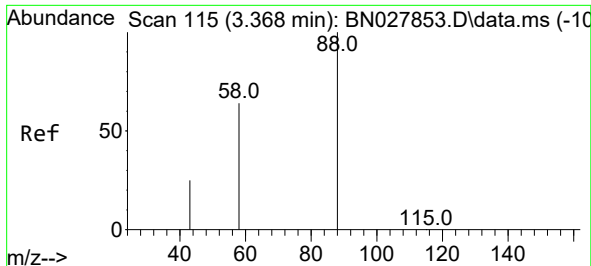
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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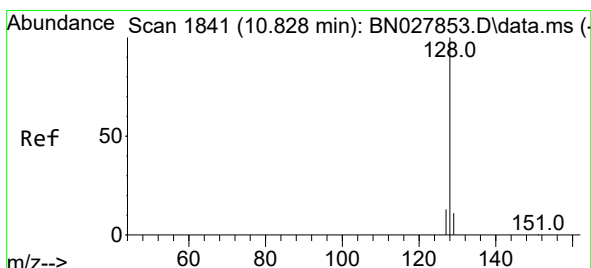
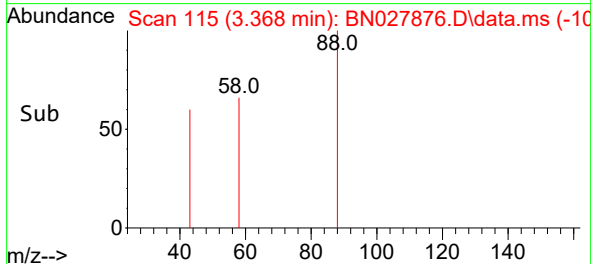
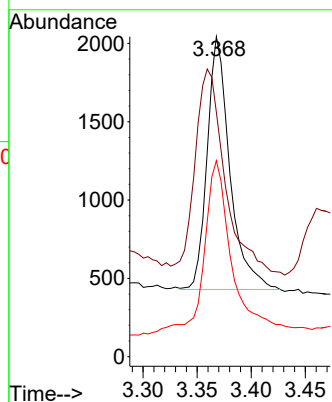
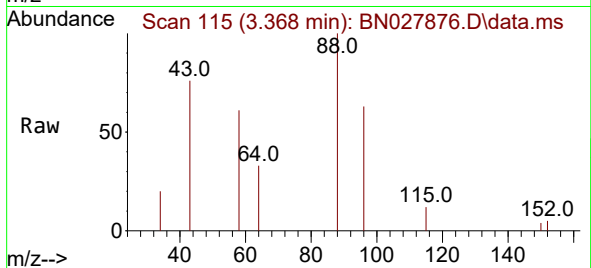




#2
1,4-Dioxane
Concen: 0.548 ng/ul
RT: 3.368 min Scan# 115
Delta R.T. -0.005 min
Lab File: BN027876.D
Acq: 26 Sep 2023 23:57

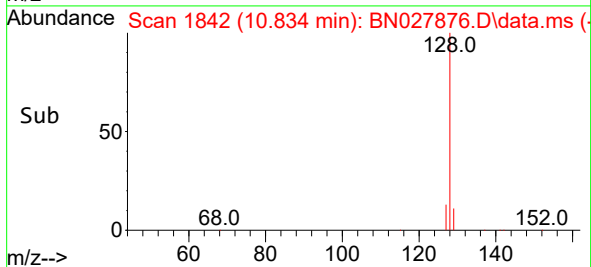
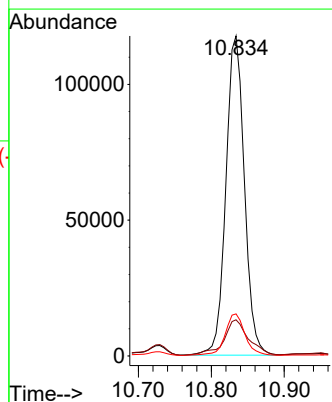
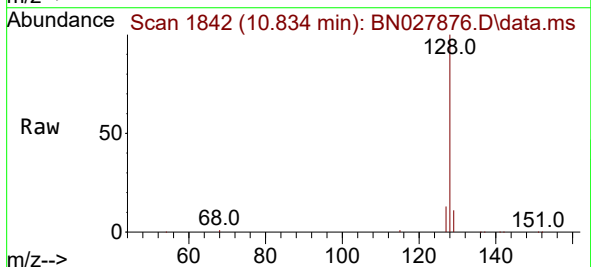
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BNA_N
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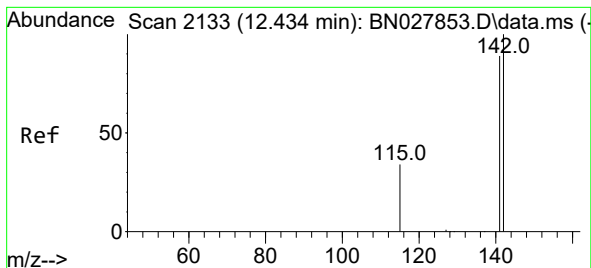
Tgt Ion: 88 Resp: 2359
Ion Ratio Lower Upper
88 100
43 76.4 39.6 59.4#
58 61.2 48.3 72.5



#5
Naphthalene
Concen: 5.916 ng/ul
RT: 10.834 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BN027876.D
Acq: 26 Sep 2023 23:57

Tgt Ion:128 Resp: 207977
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.1 10.7 16.1





#7

2-Methylnaphthalene

Concen: 4.453 ng/ul

RT: 12.434 min Scan# 2133

Delta R.T. 0.006 min

Lab File: BN027876.D

Acq: 26 Sep 2023 23:57

Instrument :

BNA_N

ClientSampleId :

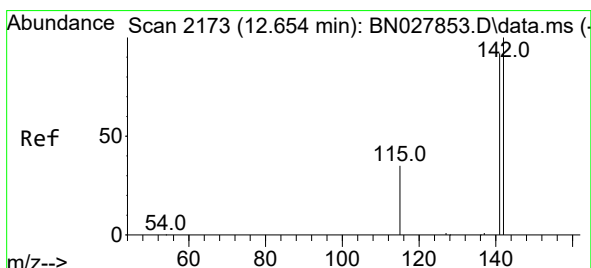
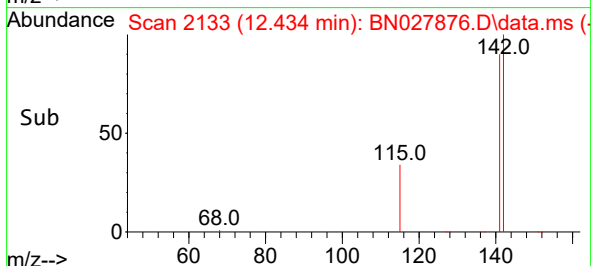
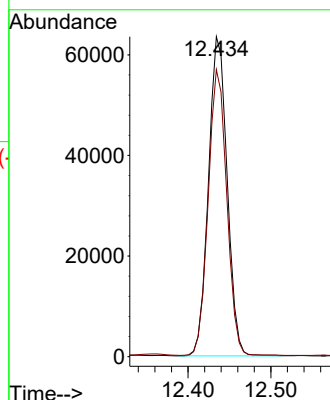
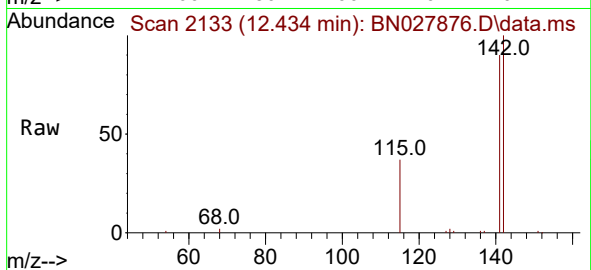
BHAD7

Tgt Ion:142 Resp: 99319

Ion Ratio Lower Upper

142 100

141 88.9 71.1 106.7



#8

1-Methylnaphthalene

Concen: 4.306 ng/ul

RT: 12.654 min Scan# 2173

Delta R.T. 0.006 min

Lab File: BN027876.D

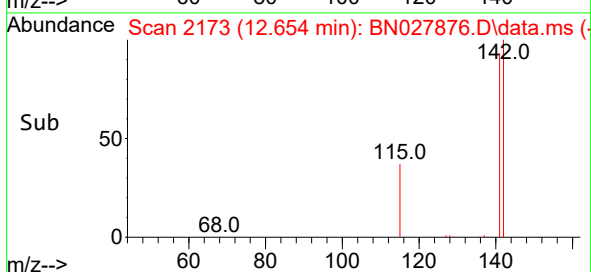
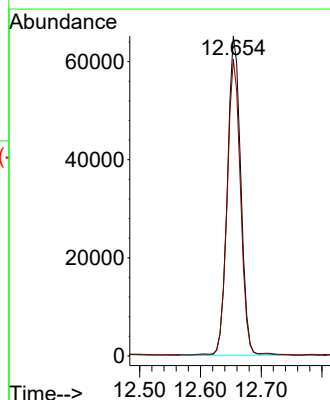
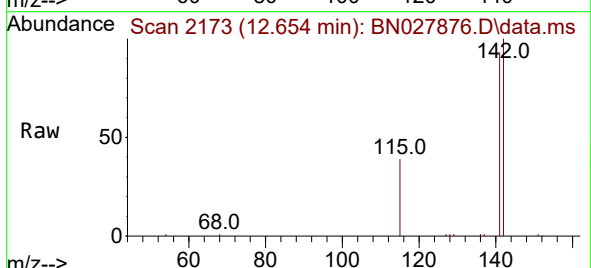
Acq: 26 Sep 2023 23:57

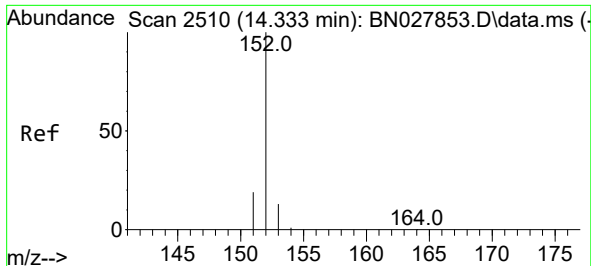
Tgt Ion:142 Resp: 99074

Ion Ratio Lower Upper

142 100

141 92.2 72.8 109.2

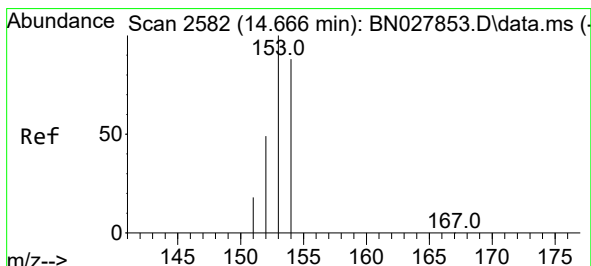
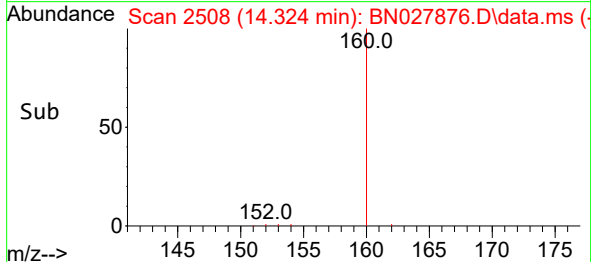
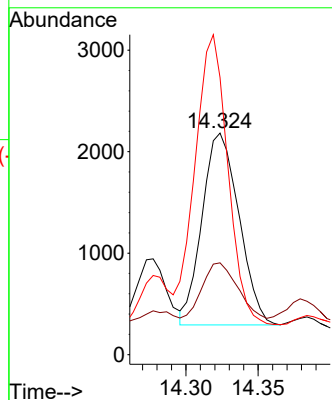
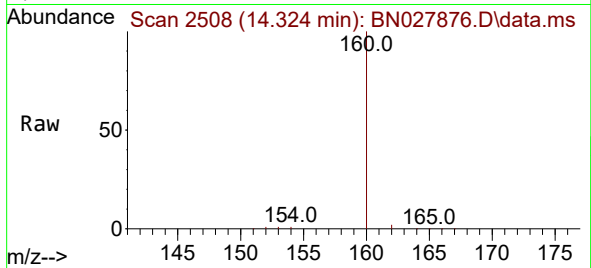




#10
Acenaphthylene
Concen: 0.082 ng/ul
RT: 14.324 min Scan# 2510
Delta R.T. 0.004 min
Lab File: BN027876.D
Acq: 26 Sep 2023 23:57

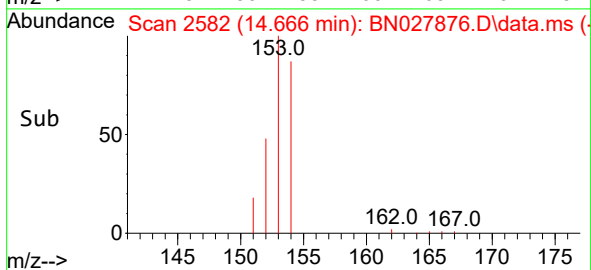
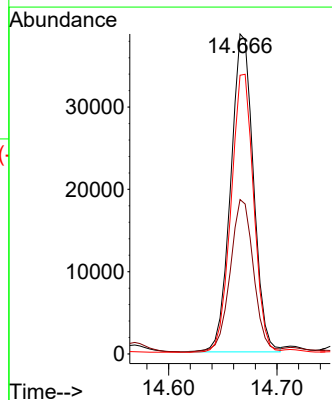
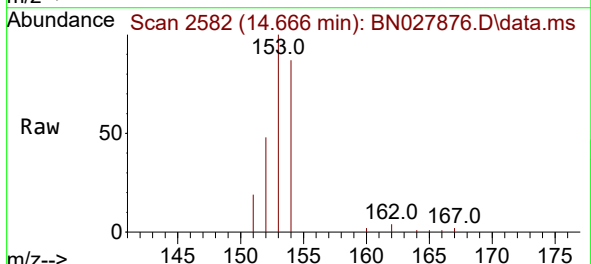
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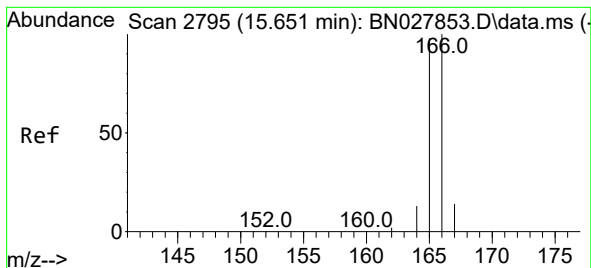
Tgt Ion:152 Resp: 3353
Ion Ratio Lower Upper
152 100
151 41.4 16.6 25.0#
153 125.0 11.0 16.6#



#11
Acenaphthene
Concen: 1.590 ng/ul
RT: 14.666 min Scan# 2582
Delta R.T. 0.013 min
Lab File: BN027876.D
Acq: 26 Sep 2023 23:57

Tgt Ion:153 Resp: 56383
Ion Ratio Lower Upper
153 100
152 48.2 41.7 62.5
154 87.1 70.3 105.5





#12

Fluorene

Concen: 0.343 ng/ul

RT: 15.651 min Scan# 21

Delta R.T. 0.013 min

Lab File: BN027876.D

Acq: 26 Sep 2023 23:57

Instrument :

BNA_N

ClientSampleId :

BHAD7

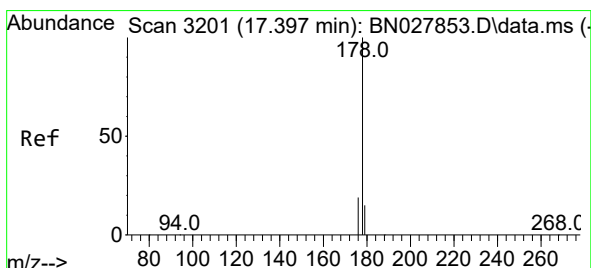
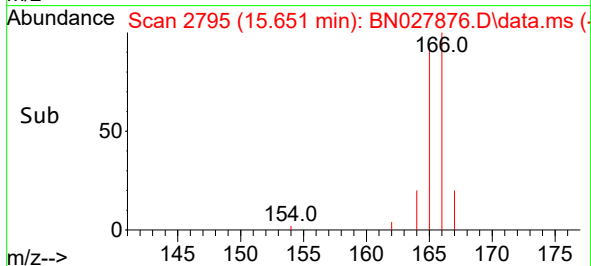
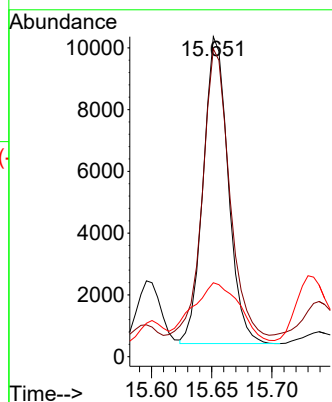
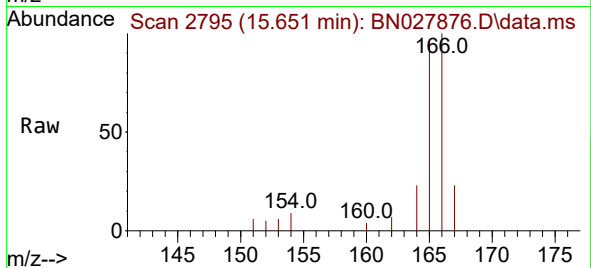
Tgt Ion:166 Resp: 14316

Ion Ratio Lower Upper

166 100

165 96.2 78.0 117.0

167 23.1 11.4 17.2#



#15

Phenanthrene

Concen: 0.399 ng/ul

RT: 17.400 min Scan# 3202

Delta R.T. 0.016 min

Lab File: BN027876.D

Acq: 26 Sep 2023 23:57

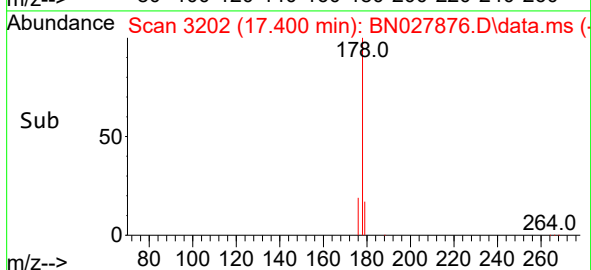
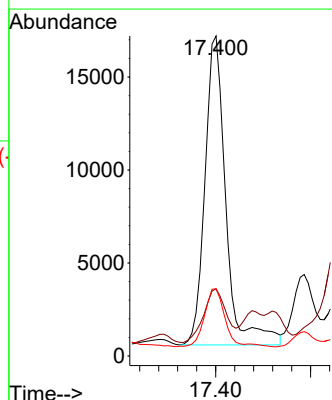
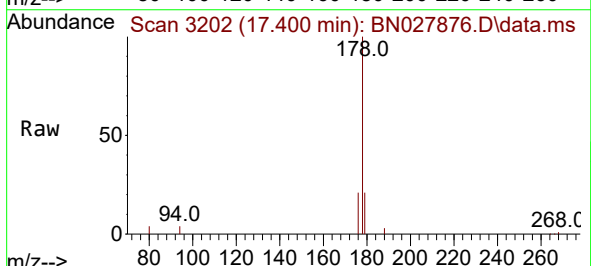
Tgt Ion:178 Resp: 25494

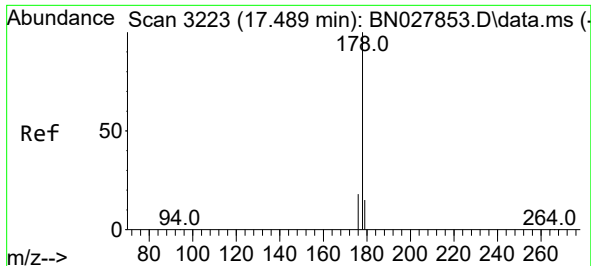
Ion Ratio Lower Upper

178 100

179 21.0 12.4 18.6#

176 21.0 16.0 24.0

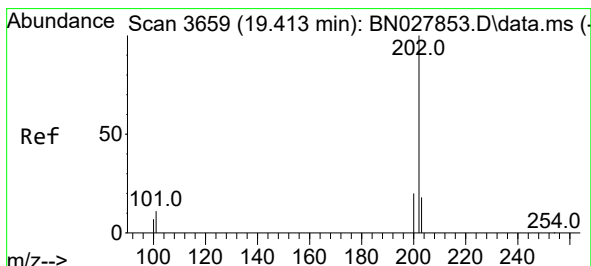
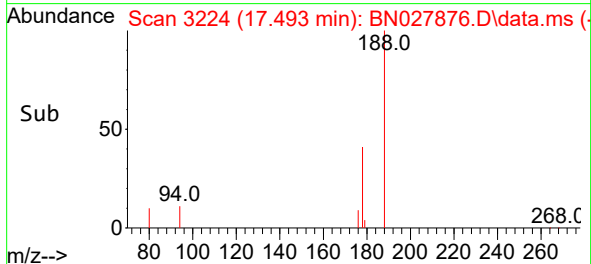
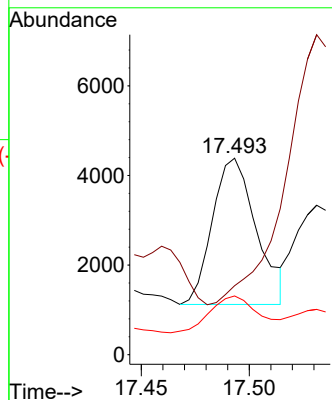
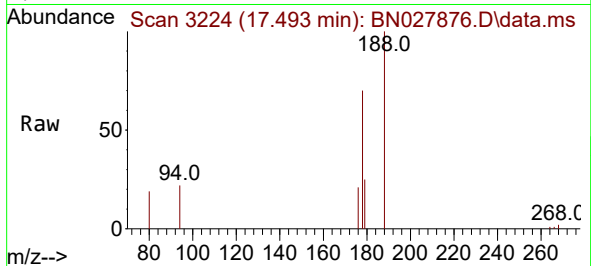




#16
 Anthracene
 Concen: 0.086 ng/ul
 RT: 17.493 min Scan# 31
 Delta R.T. 0.016 min
 Lab File: BN027876.D
 Acq: 26 Sep 2023 23:57

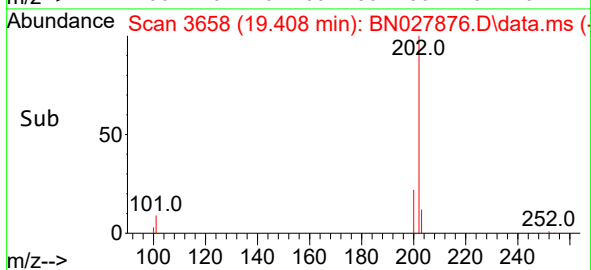
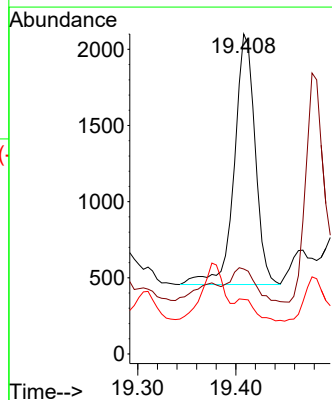
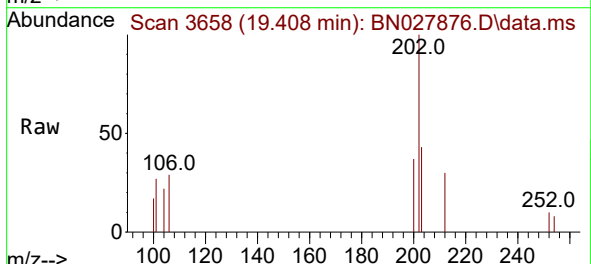
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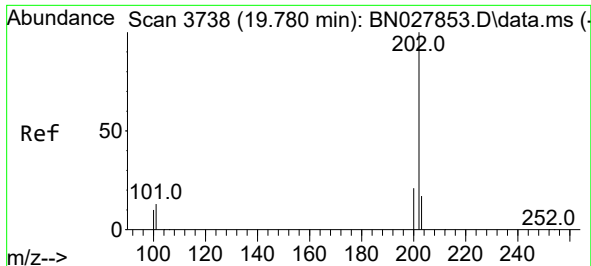
Tgt Ion:178 Resp: 4620
 Ion Ratio Lower Upper
 178 100
 179 35.1 12.6 19.0#
 176 29.9 15.5 23.3#



#19
 Fluoranthene
 Concen: 0.033 ng/ul
 RT: 19.408 min Scan# 3658
 Delta R.T. 0.013 min
 Lab File: BN027876.D
 Acq: 26 Sep 2023 23:57

Tgt Ion:202 Resp: 2430
 Ion Ratio Lower Upper
 202 100
 101 26.6 9.3 13.9#
 100 17.0 7.0 10.4#

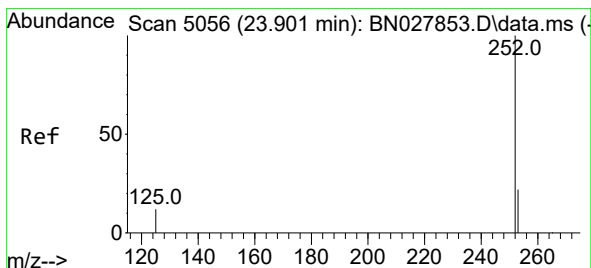
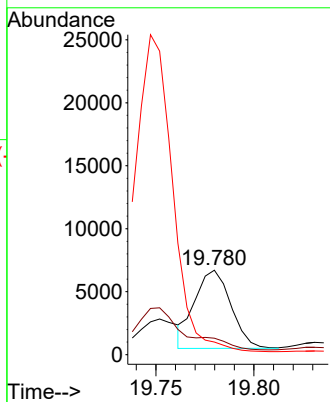
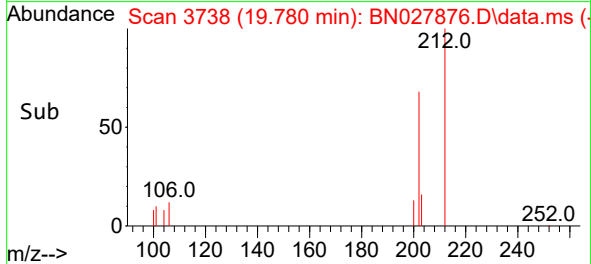
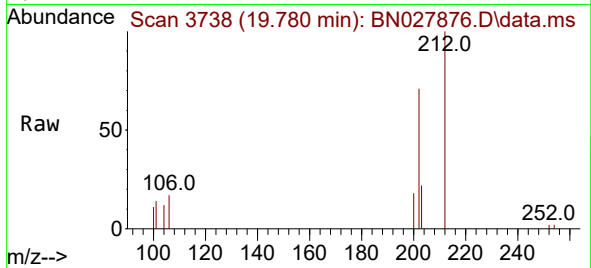




#20
Pyrene
Concen: 0.105 ng/ul
RT: 19.780 min Scan# 31
Delta R.T. 0.017 min
Lab File: BN027876.D
Acq: 26 Sep 2023 23:57

Instrument :
BNA_N
ClientSampleId :
BHAD7

Tgt Ion:202 Resp: 7979
Ion Ratio Lower Upper
202 100
101 19.5 11.4 17.0#
100 14.9 9.1 13.7#



#26
Benzo(a)pyrene
Concen: 0.102 ng/ul
RT: 23.851 min Scan# 5039
Delta R.T. -0.050 min
Lab File: BN027876.D
Acq: 26 Sep 2023 23:57

Tgt Ion:252 Resp: 7919
Ion Ratio Lower Upper
252 100
253 48.9 21.9 32.9#
125 40.4 15.5 23.3#

