

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)

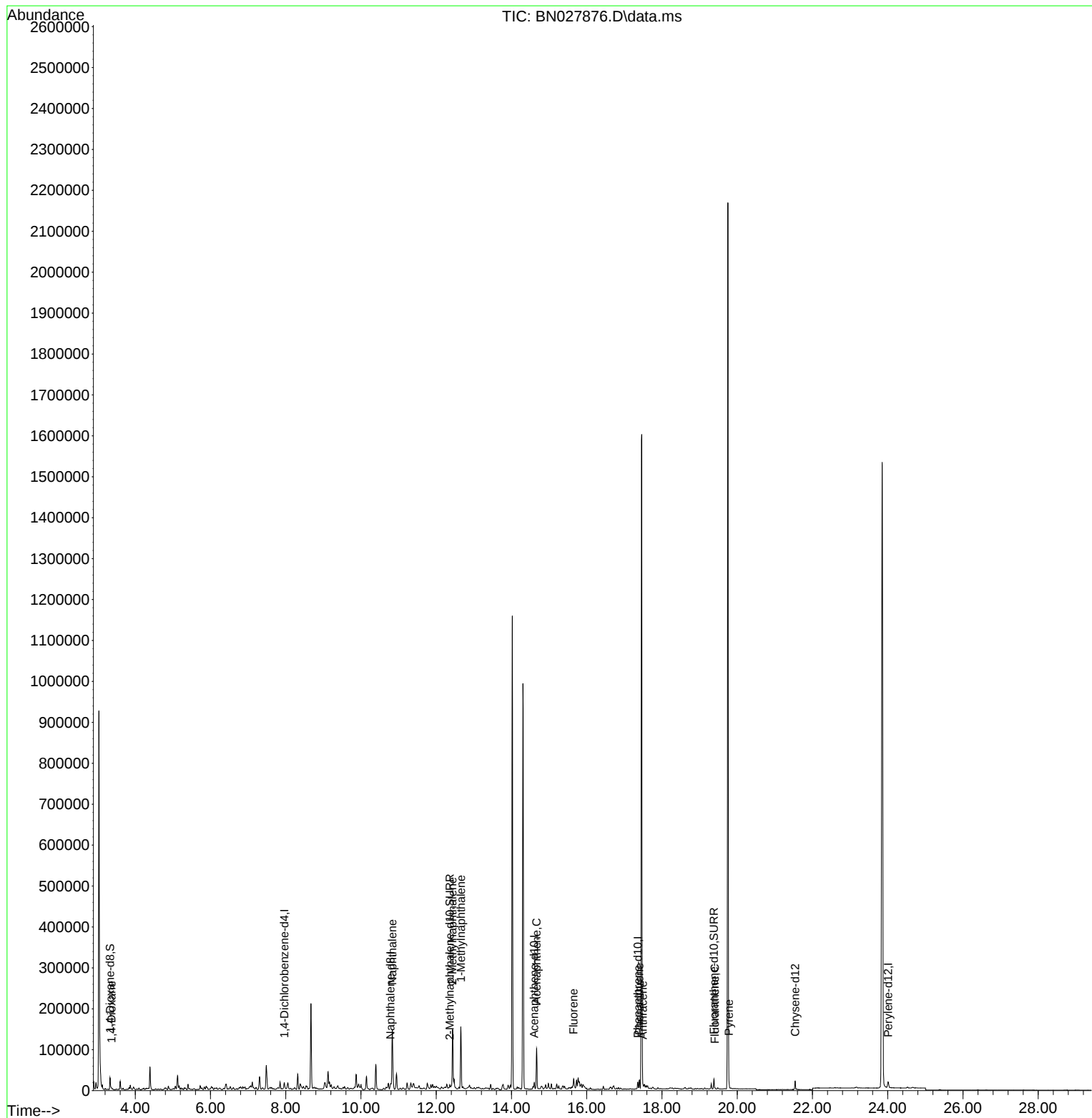
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.962	152	3282	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.784	136	12300	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.606	164	9393	0.400	ng/ul	0.01
13) Phenanthrene-d10	17.358	188	20336	0.400	ng/ul	# 0.02
17) Chrysene-d12	21.539	240	18247	0.400	ng/ul	0.02
23) 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
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

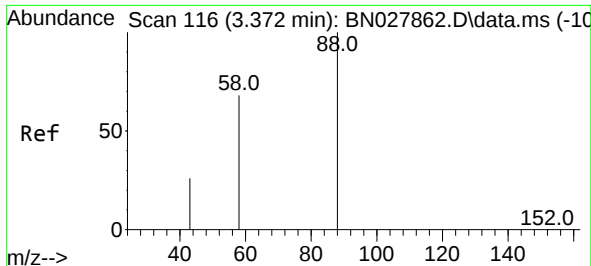
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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
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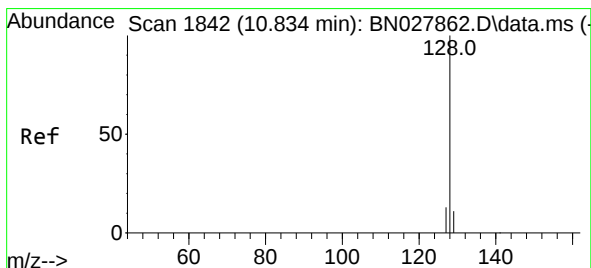
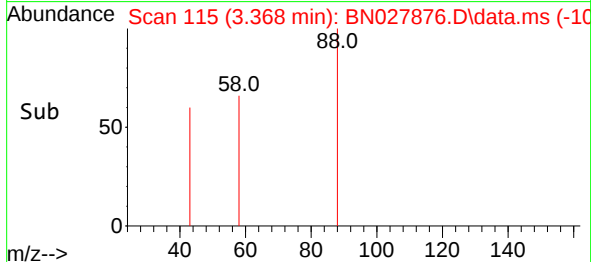
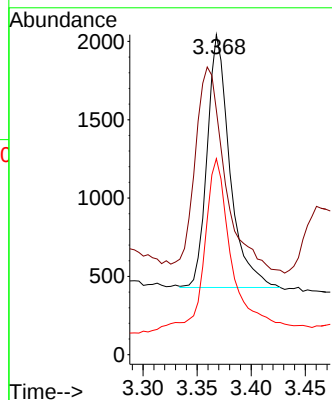
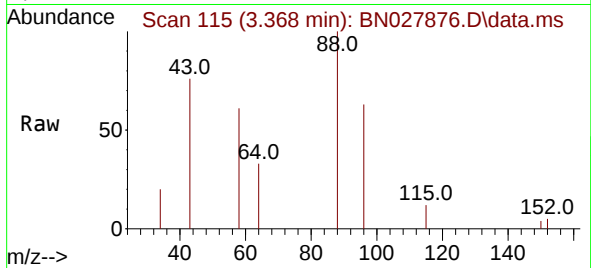




#2
1,4-Dioxane
Concen: 0.548 ng/ul
RT: 3.368 min Scan# 116
Delta R.T. -0.005 min
Lab File: BN027876.D
Acq: 26 Sep 2023 23:57

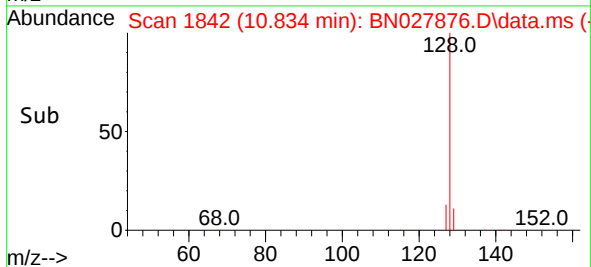
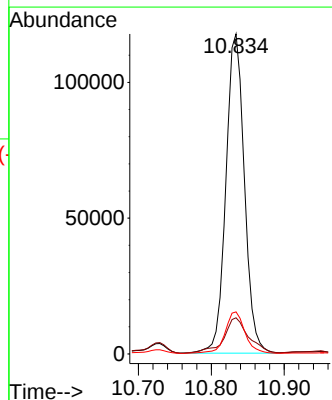
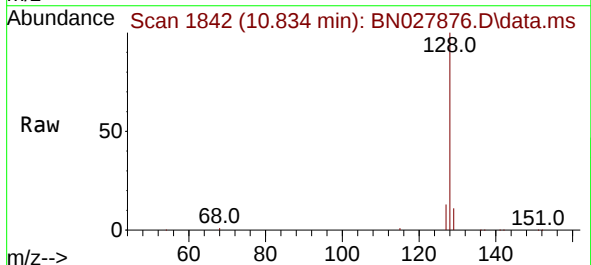
Instrument :
BNA_N
ClientSampleId :
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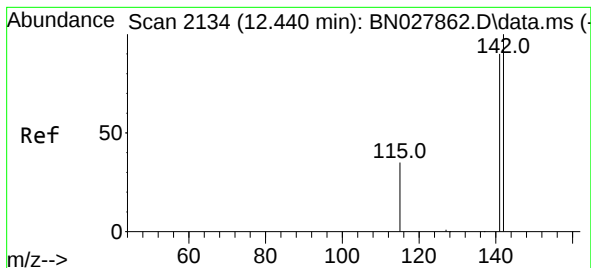
Tgt Ion: 88 Resp: 2359
Ion Ratio Lower Upper
88 100
43 76.4 39.6 59.4#
58 61.2 48.3 72.5



#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

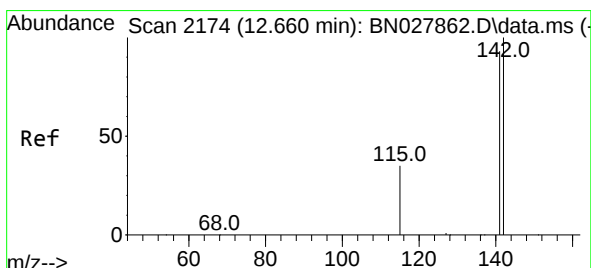
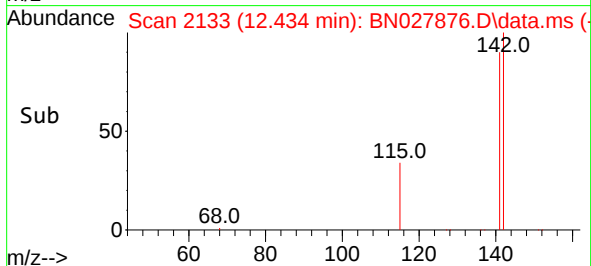
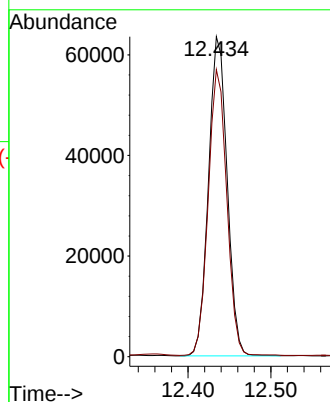
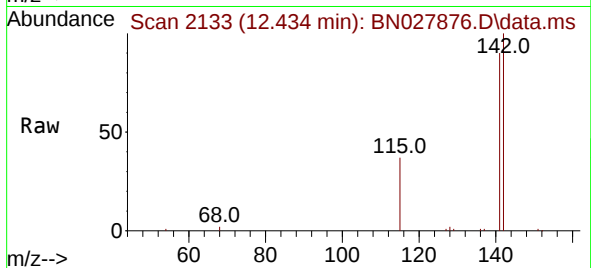




#7
2-Methylnaphthalene
Concen: 4.453 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BN027876.D
Acq: 26 Sep 2023 23:57

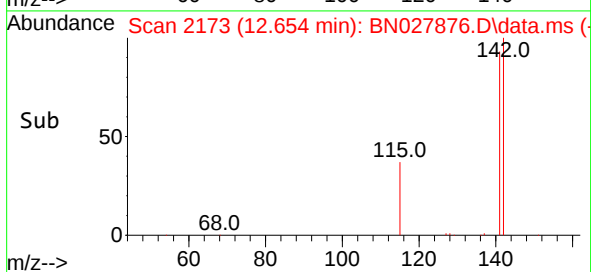
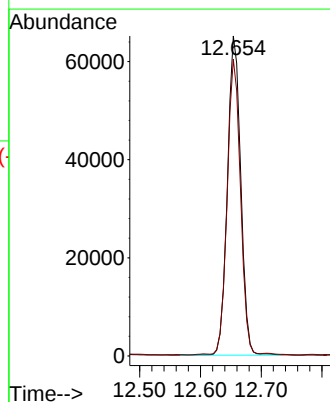
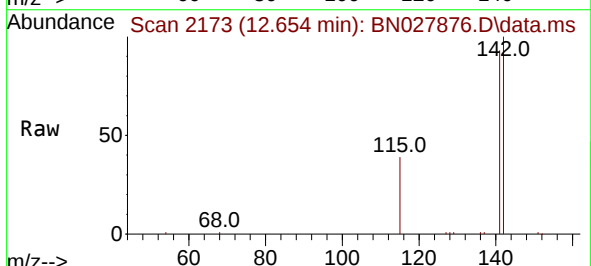
Instrument :
BNA_N
ClientSampleId :
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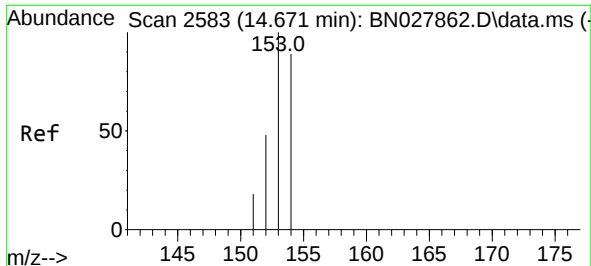
Tgt Ion:142 Resp: 99319
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7



#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

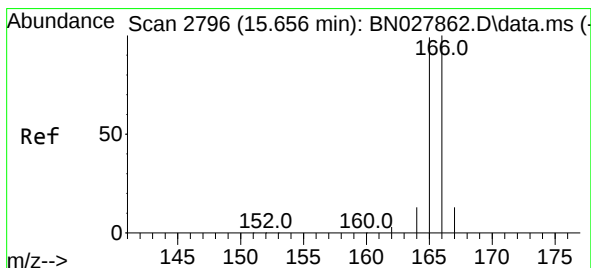
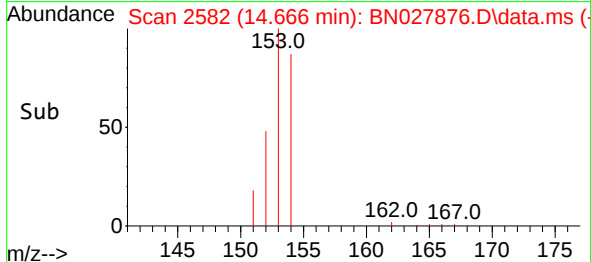
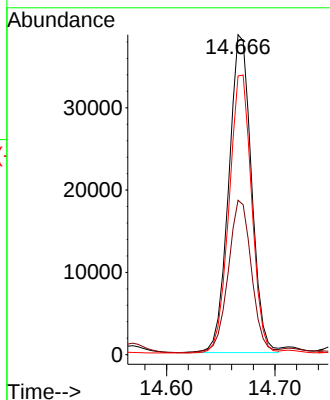
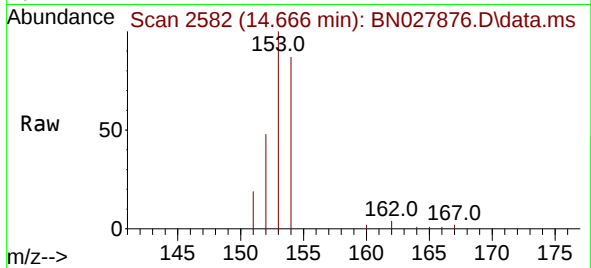




#11
Acenaphthene
Concen: 1.590 ng/ul
RT: 14.666 min Scan# 21
Delta R.T. 0.013 min
Lab File: BN027876.D
Acq: 26 Sep 2023 23:57

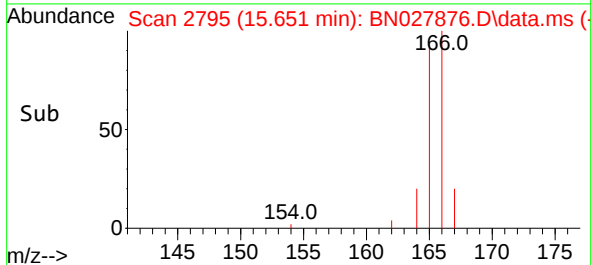
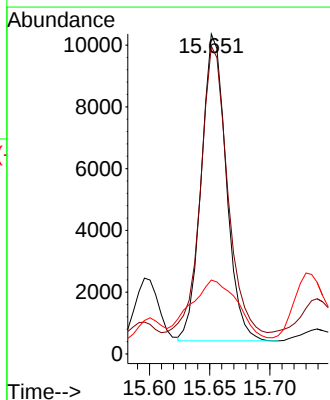
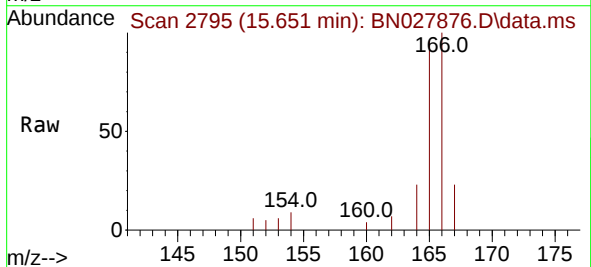
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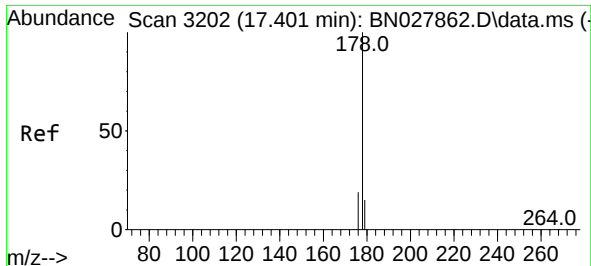
Tgt Ion:153 Resp: 56383
Ion Ratio Lower Upper
153 100
152 48.2 41.7 62.5
154 87.1 70.3 105.5



#12
Fluorene
Concen: 0.343 ng/ul
RT: 15.651 min Scan# 2795
Delta R.T. 0.013 min
Lab File: BN027876.D
Acq: 26 Sep 2023 23:57

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#

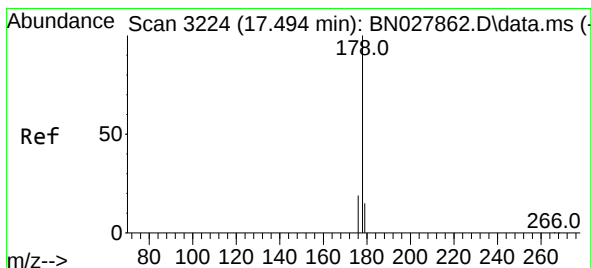
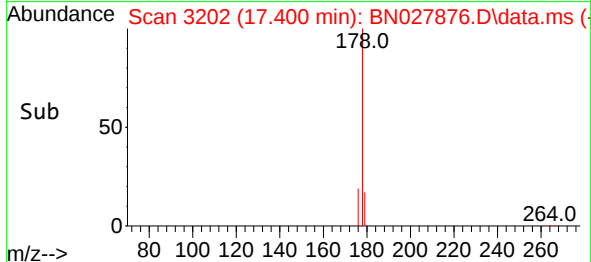
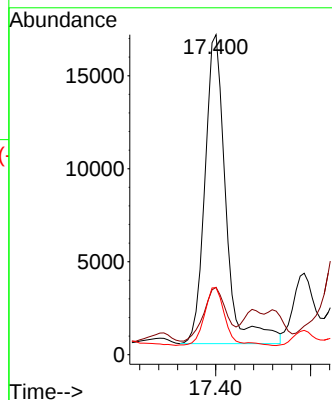
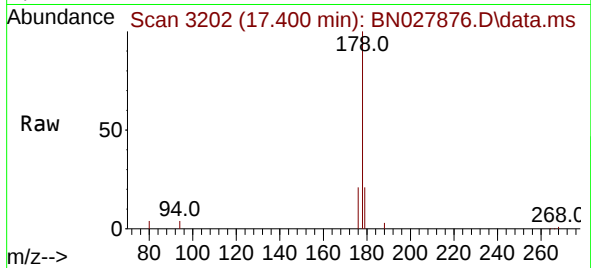




#15
Phenanthrene
Concen: 0.399 ng/ul
RT: 17.400 min Scan# 31
Delta R.T. 0.016 min
Lab File: BN027876.D
Acq: 26 Sep 2023 23:57

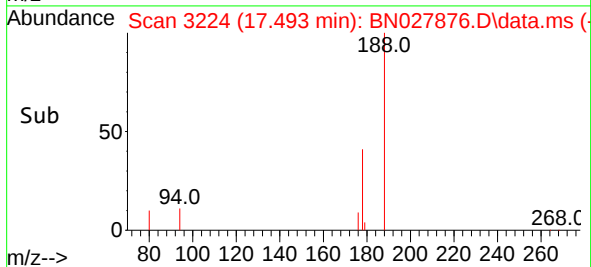
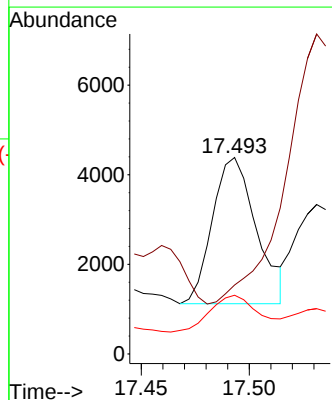
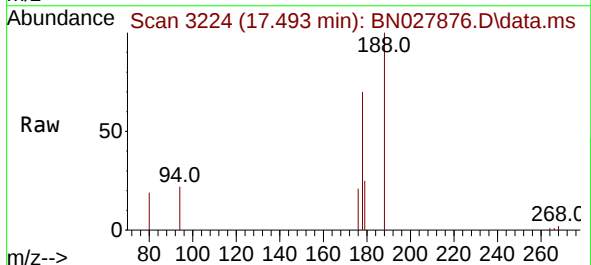
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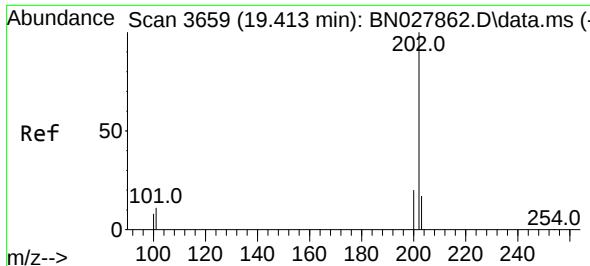
Tgt Ion:178 Resp: 25494
Ion Ratio Lower Upper
178 100
179 21.0 12.4 18.6#
176 21.0 16.0 24.0



#16
Anthracene
Concen: 0.086 ng/ul
RT: 17.493 min Scan# 3224
Delta R.T. 0.016 min
Lab File: BN027876.D
Acq: 26 Sep 2023 23:57

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#

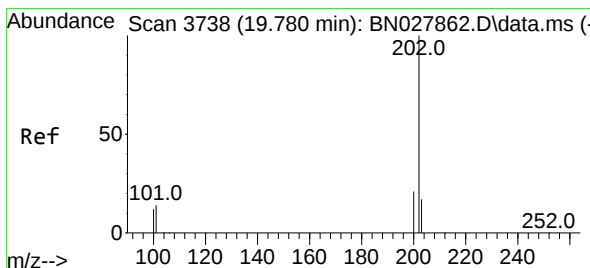
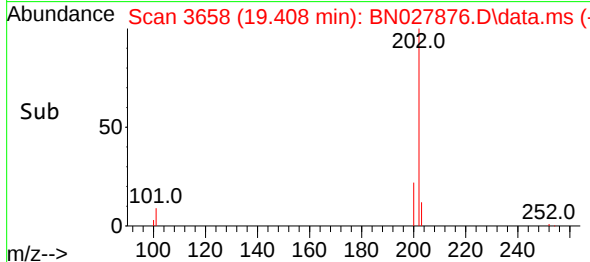
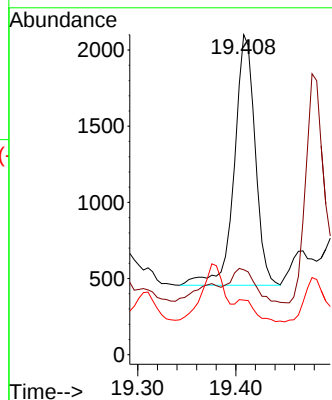
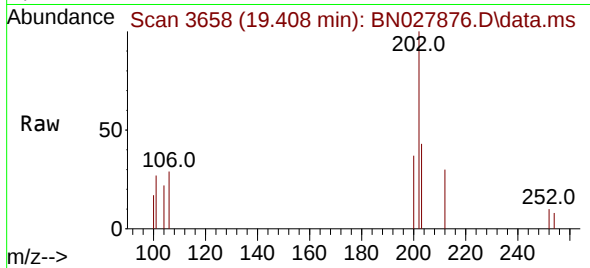




#19
Fluoranthene
Concen: 0.033 ng/u1
RT: 19.408 min Scan# 3658
Delta R.T. 0.013 min
Lab File: BN027876.D
Acq: 26 Sep 2023 23:57

Instrument :
BNA_N
ClientSampleId :
BHAD7

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/u1
RT: 19.780 min Scan# 3738
Delta R.T. 0.017 min
Lab File: BN027876.D
Acq: 26 Sep 2023 23:57

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#

