

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027908.D
 Acq On : 27 Sep 2023 20:23
 Operator : MA/JU
 Sample : 04410-03RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BBK31

Quant Time: Sep 28 00:02:17 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 : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

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

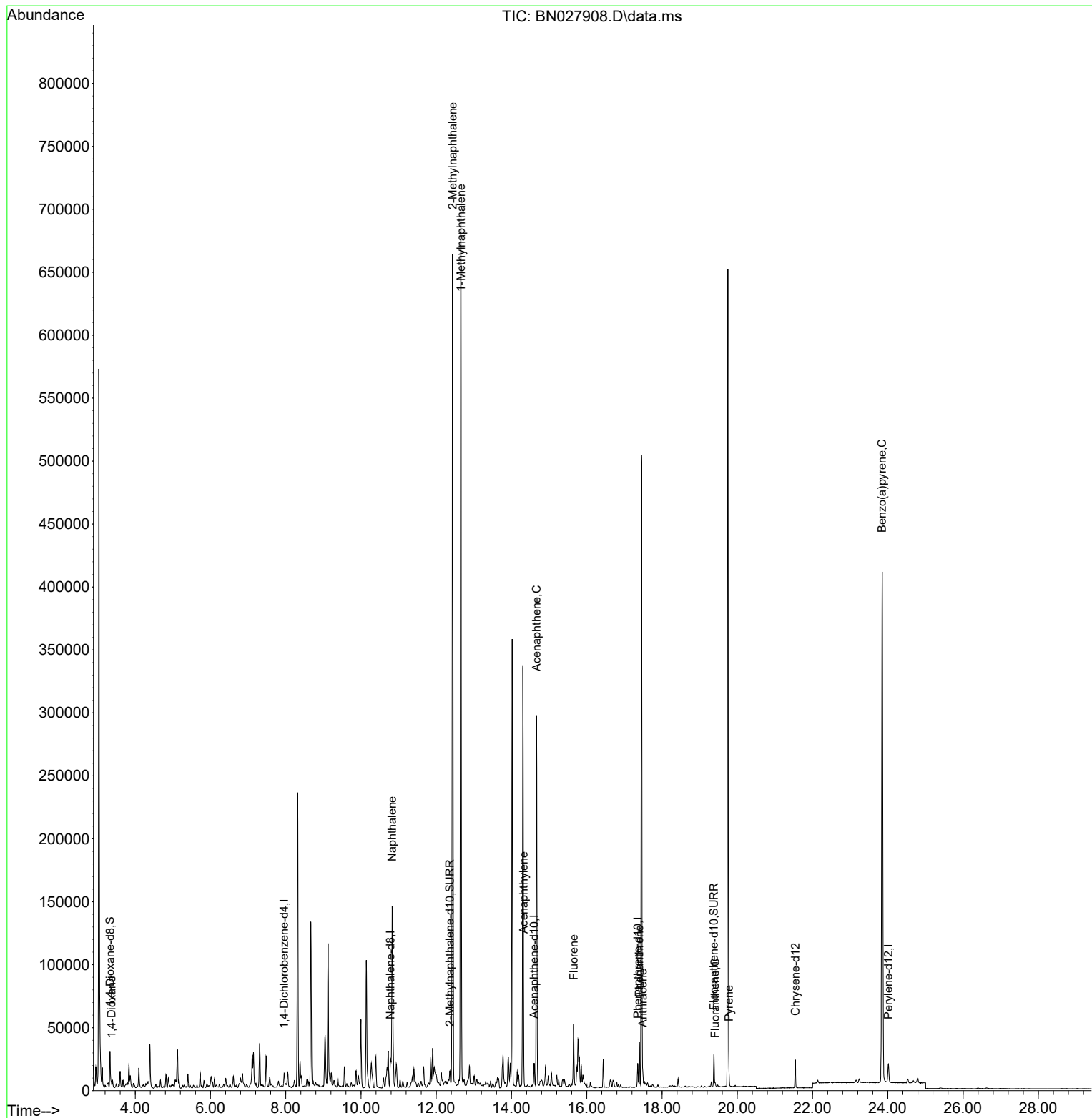
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	3884	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.779	136	14815	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.601	164	10094	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	21957	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.542	240	20384	0.400	ng/ul	0.00
23) Perylene-d12	24.015	264	20527	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	17142	3.504	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	10153	0.452	ng/ul	0.00
18) Fluoranthene-d10	19.381	212	27872	0.448	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.368	88	1486	0.292	ng/ul#	49
5) Naphthalene	10.828	128	204678	4.834	ng/ul	99
7) 2-Methylnaphthalene	12.434	142	449698	16.738	ng/ul	100
8) 1-Methylnaphthalene	12.654	142	474559	17.123	ng/ul	99
10) Acenaphthylene	14.319	152	6196	0.141	ng/ul#	1
11) Acenaphthene	14.666	153	170420	4.471	ng/ul	97
12) Fluorene	15.651	166	28878	0.644	ng/ul#	95
15) Phenanthrene	17.397	178	37995	0.551	ng/ul	98
16) Anthracene	17.489	178	8792	0.152	ng/ul#	88
19) Fluoranthene	19.408	202	2697	0.033	ng/ul#	74
20) Pyrene	19.776	202	9422	0.111	ng/ul#	93
26) Benzo(a)pyrene	23.848	252	2064	0.028	ng/ul#	1

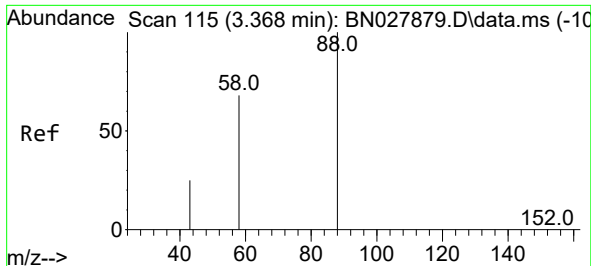
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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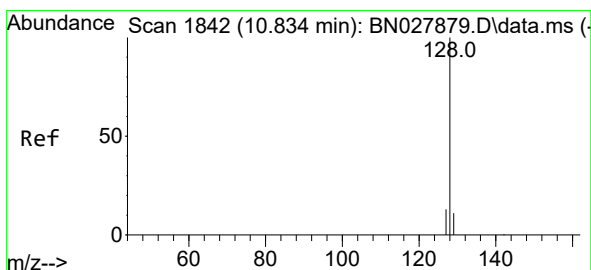
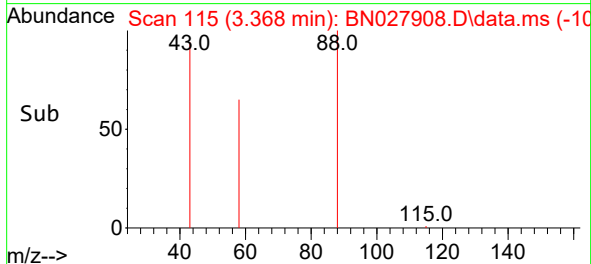
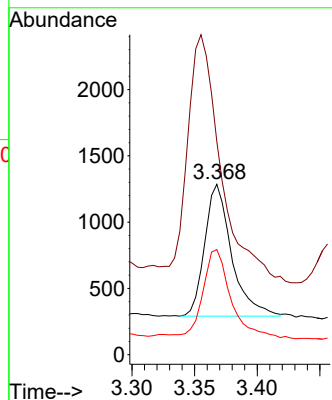
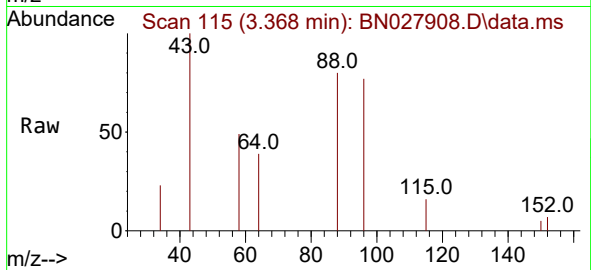




#2
1,4-Dioxane
Concen: 0.292 ng/ul
RT: 3.368 min Scan# 115
Delta R.T. 0.000 min
Lab File: BN027908.D
Acq: 27 Sep 2023 20:23

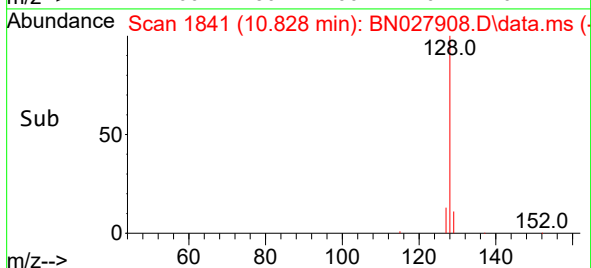
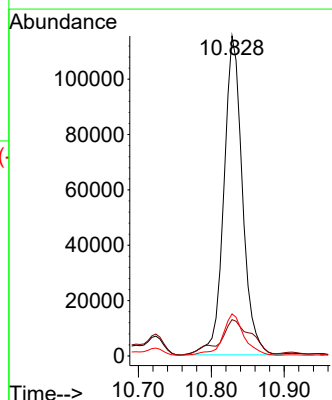
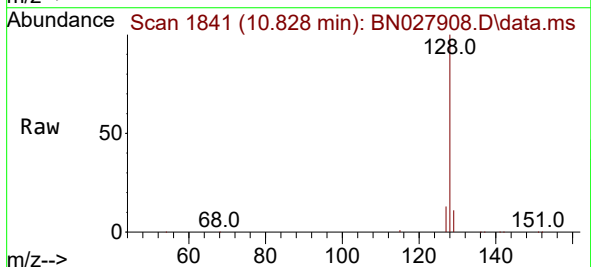
Instrument :
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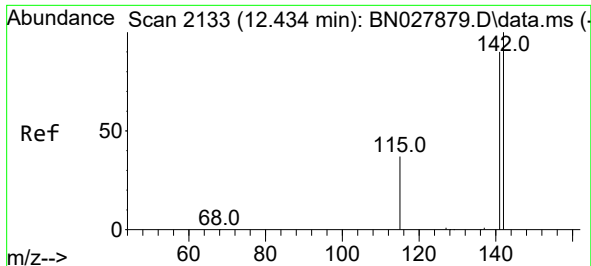
Tgt Ion: 88 Resp: 1486
Ion Ratio Lower Upper
88 100
43 125.0 39.6 59.4#
58 61.7 48.3 72.5



#5
Naphthalene
Concen: 4.834 ng/ul
RT: 10.828 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BN027908.D
Acq: 27 Sep 2023 20:23

Tgt Ion:128 Resp: 204678
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.2 10.7 16.1

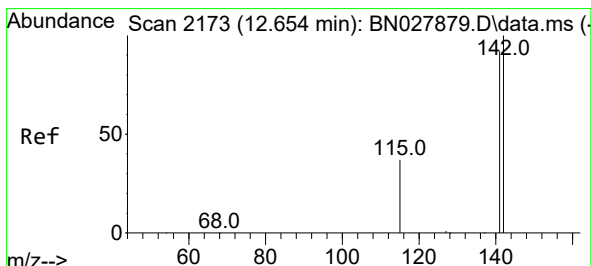
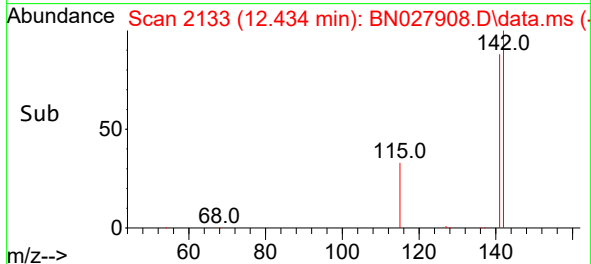
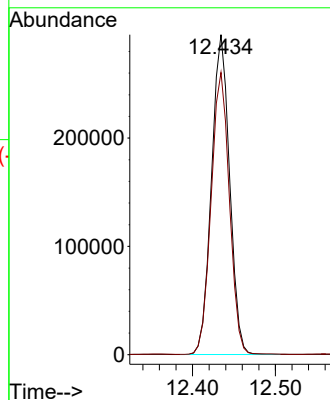
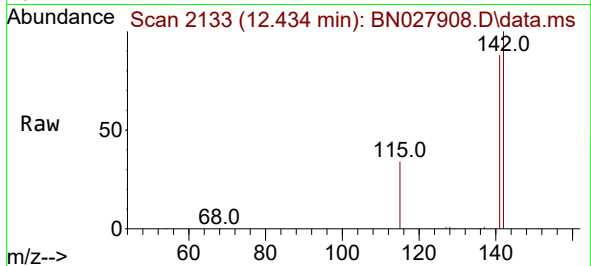




#7
2-Methylnaphthalene
Concen: 16.738 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN027908.D
Acq: 27 Sep 2023 20:23

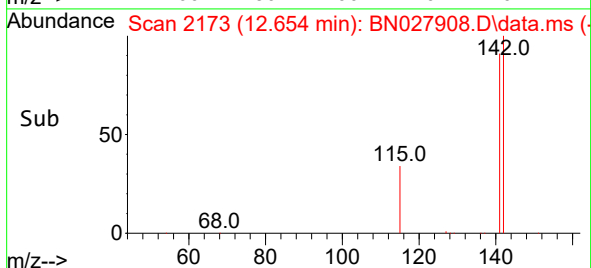
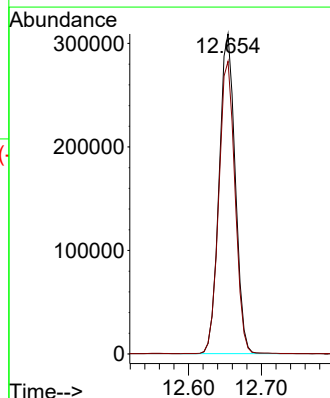
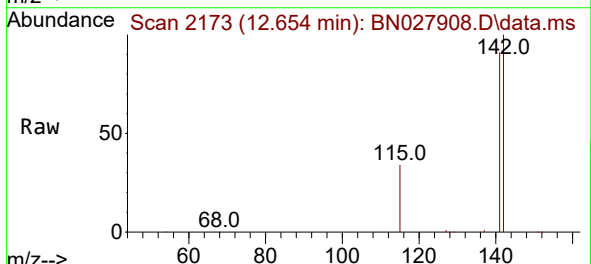
Instrument :
BNA_N
ClientSampleId :
BBK31

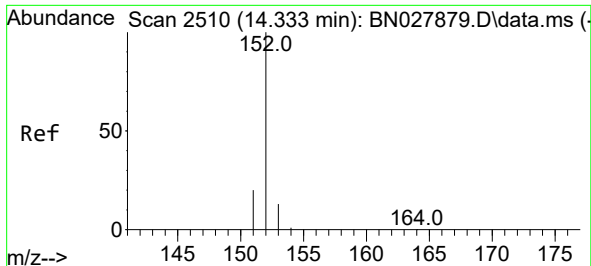
Tgt Ion:142 Resp: 449698
Ion Ratio Lower Upper
142 100
141 88.7 71.1 106.7



#8
1-Methylnaphthalene
Concen: 17.123 ng/ul
RT: 12.654 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN027908.D
Acq: 27 Sep 2023 20:23

Tgt Ion:142 Resp: 474559
Ion Ratio Lower Upper
142 100
141 92.0 72.8 109.2

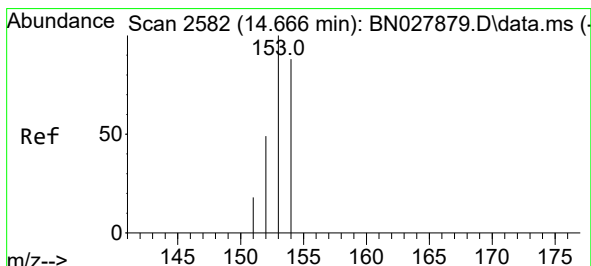
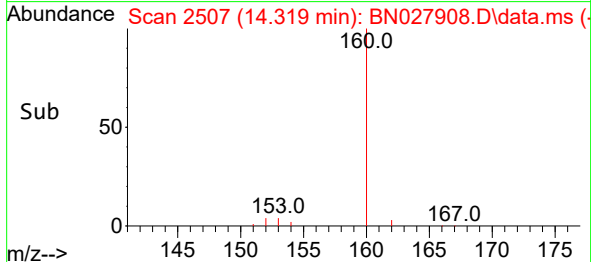
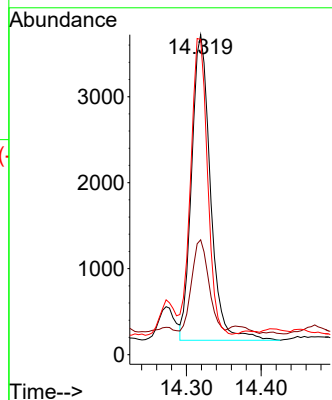
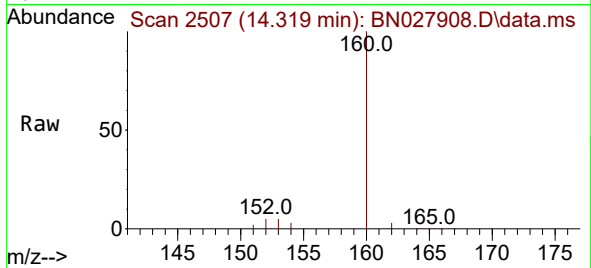




#10
Acenaphthylene
Concen: 0.141 ng/ul
RT: 14.319 min Scan# 2507
Delta R.T. -0.014 min
Lab File: BN027908.D
Acq: 27 Sep 2023 20:23

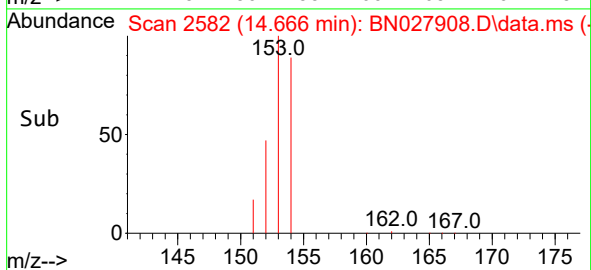
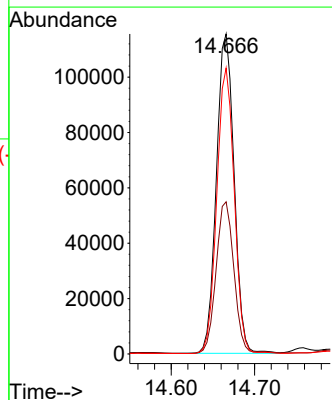
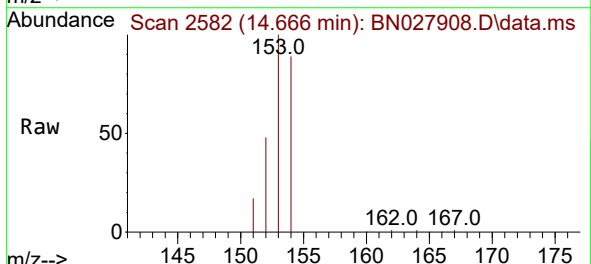
Instrument :
BNA_N
ClientSampleId :
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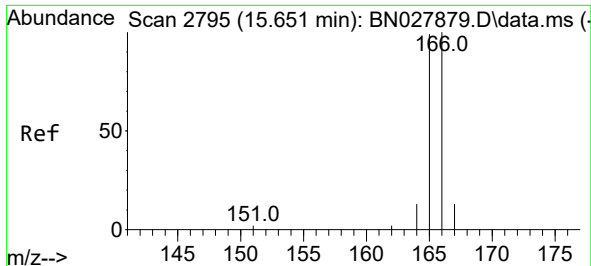
Tgt Ion:152 Resp: 6196
Ion Ratio Lower Upper
152 100
151 35.9 16.6 25.0#
153 98.5 11.0 16.6#



#11
Acenaphthene
Concen: 4.471 ng/ul
RT: 14.666 min Scan# 2582
Delta R.T. 0.000 min
Lab File: BN027908.D
Acq: 27 Sep 2023 20:23

Tgt Ion:153 Resp: 170420
Ion Ratio Lower Upper
153 100
152 47.5 41.7 62.5
154 89.4 70.3 105.5

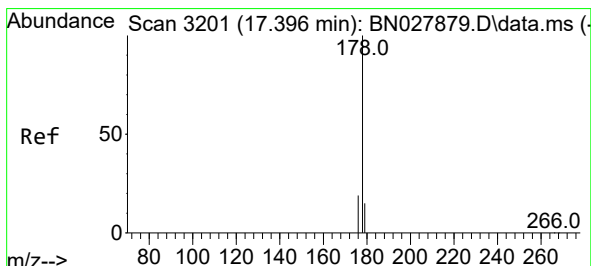
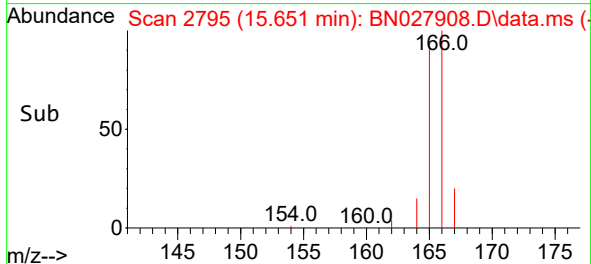
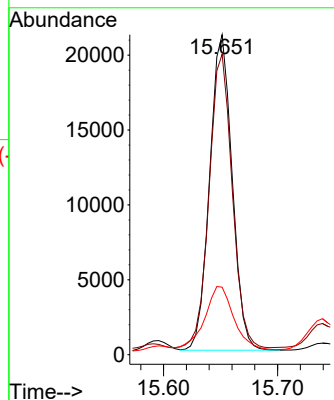
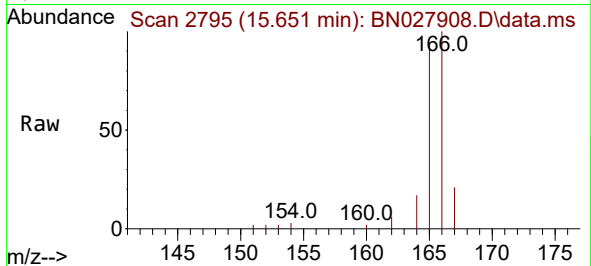




#12
Fluorene
Concen: 0.644 ng/ul
RT: 15.651 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027908.D
Acq: 27 Sep 2023 20:23

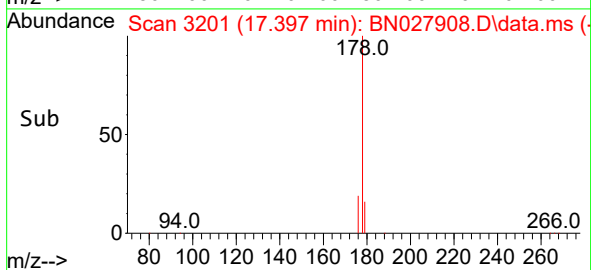
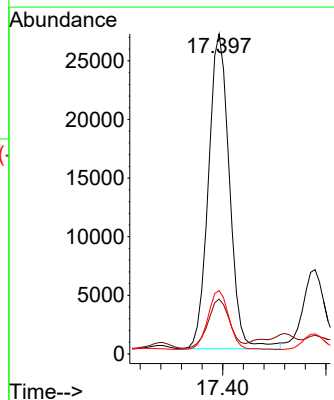
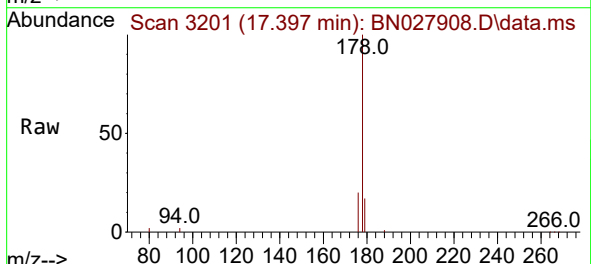
Instrument :
BNA_N
ClientSampleId :
BBK31

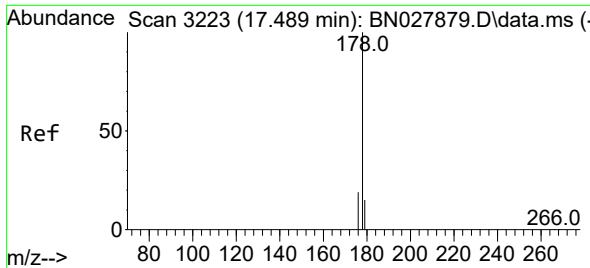
Tgt Ion:166 Resp: 28878
Ion Ratio Lower Upper
166 100
165 93.9 78.0 117.0
167 21.1 11.4 17.2#



#15
Phenanthrene
Concen: 0.551 ng/ul
RT: 17.397 min Scan# 3201
Delta R.T. 0.000 min
Lab File: BN027908.D
Acq: 27 Sep 2023 20:23

Tgt Ion:178 Resp: 37995
Ion Ratio Lower Upper
178 100
179 17.2 12.4 18.6
176 19.8 16.0 24.0

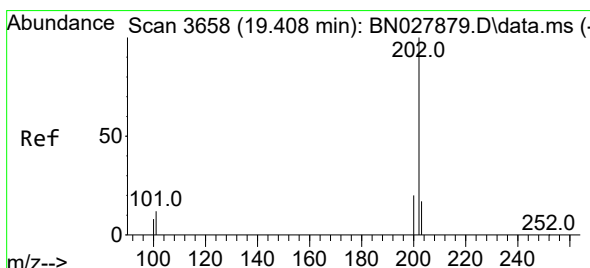
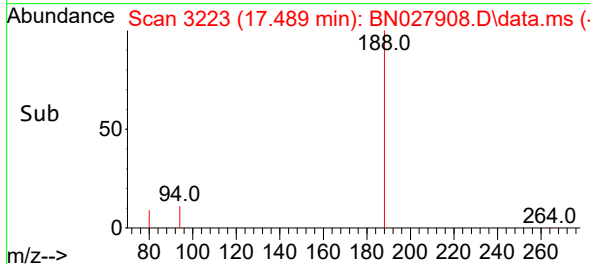
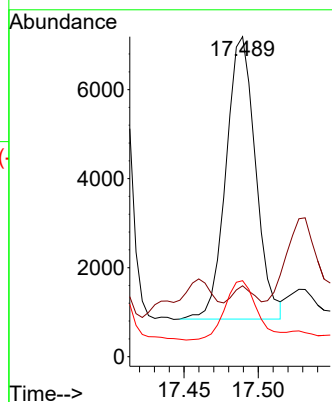
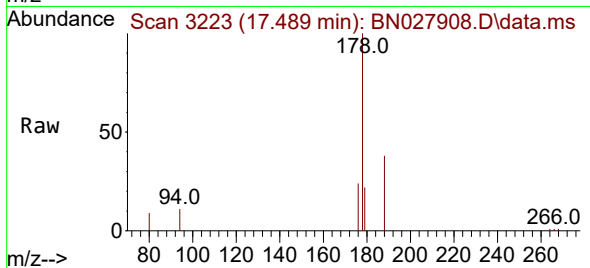




#16
 Anthracene
 Concen: 0.152 ng/ul
 RT: 17.489 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN027908.D
 Acq: 27 Sep 2023 20:23

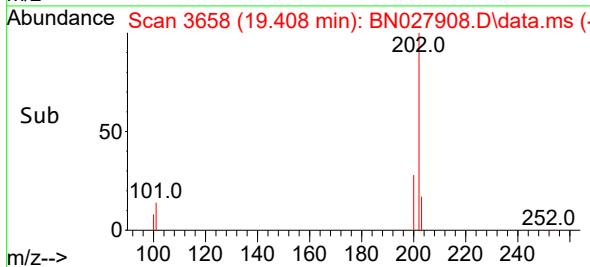
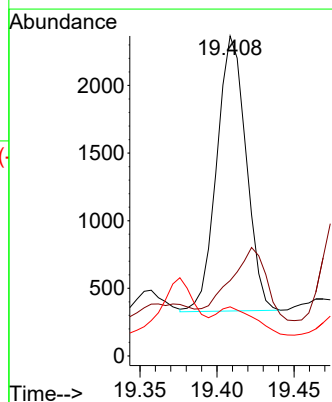
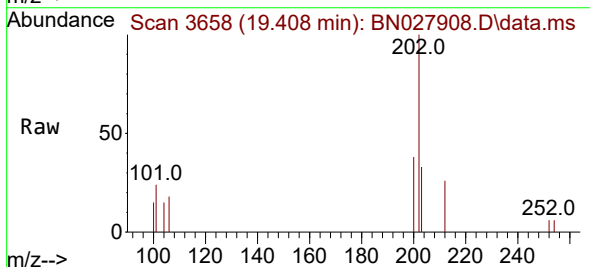
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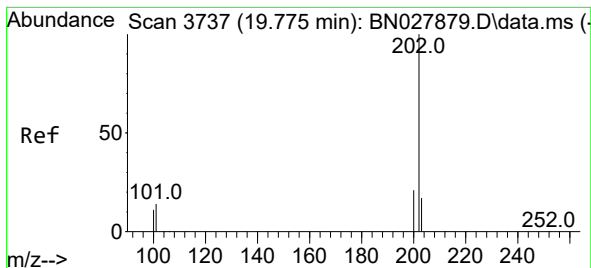
Tgt Ion:178 Resp: 8792
 Ion Ratio Lower Upper
 178 100
 179 22.2 12.6 19.0#
 176 23.7 15.5 23.3#



#19
 Fluoranthene
 Concen: 0.033 ng/ul
 RT: 19.408 min Scan# 3658
 Delta R.T. 0.000 min
 Lab File: BN027908.D
 Acq: 27 Sep 2023 20:23

Tgt Ion:202 Resp: 2697
 Ion Ratio Lower Upper
 202 100
 101 23.5 9.3 13.9#
 100 15.3 7.0 10.4#





#20

Pyrene

Concen: 0.111 ng/ul

RT: 19.776 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN027908.D

Acq: 27 Sep 2023 20:23

Instrument :

BNA_N

ClientSampleId :

BBK31

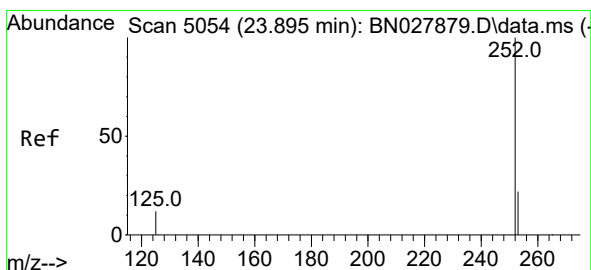
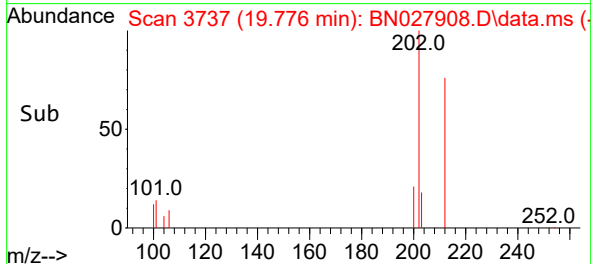
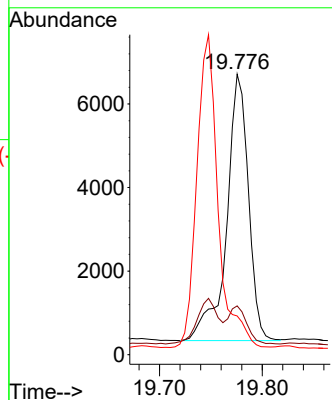
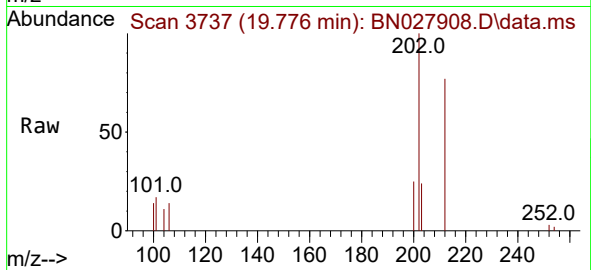
Tgt Ion:202 Resp: 9422

Ion Ratio Lower Upper

202 100

101 17.4 11.4 17.0#

100 13.8 9.1 13.7#



#26

Benzo(a)pyrene

Concen: 0.028 ng/ul

RT: 23.848 min Scan# 5038

Delta R.T. -0.047 min

Lab File: BN027908.D

Acq: 27 Sep 2023 20:23

Tgt Ion:252 Resp: 2064

Ion Ratio Lower Upper

252 100

253 84.9 21.9 32.9#

125 88.6 15.5 23.3#

