

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027895.D
 Acq On : 27 Sep 2023 11:55
 Operator : MA/JU
 Sample : 04410-20
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BBHH9

Quant Time: Sep 28 00:00:14 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)

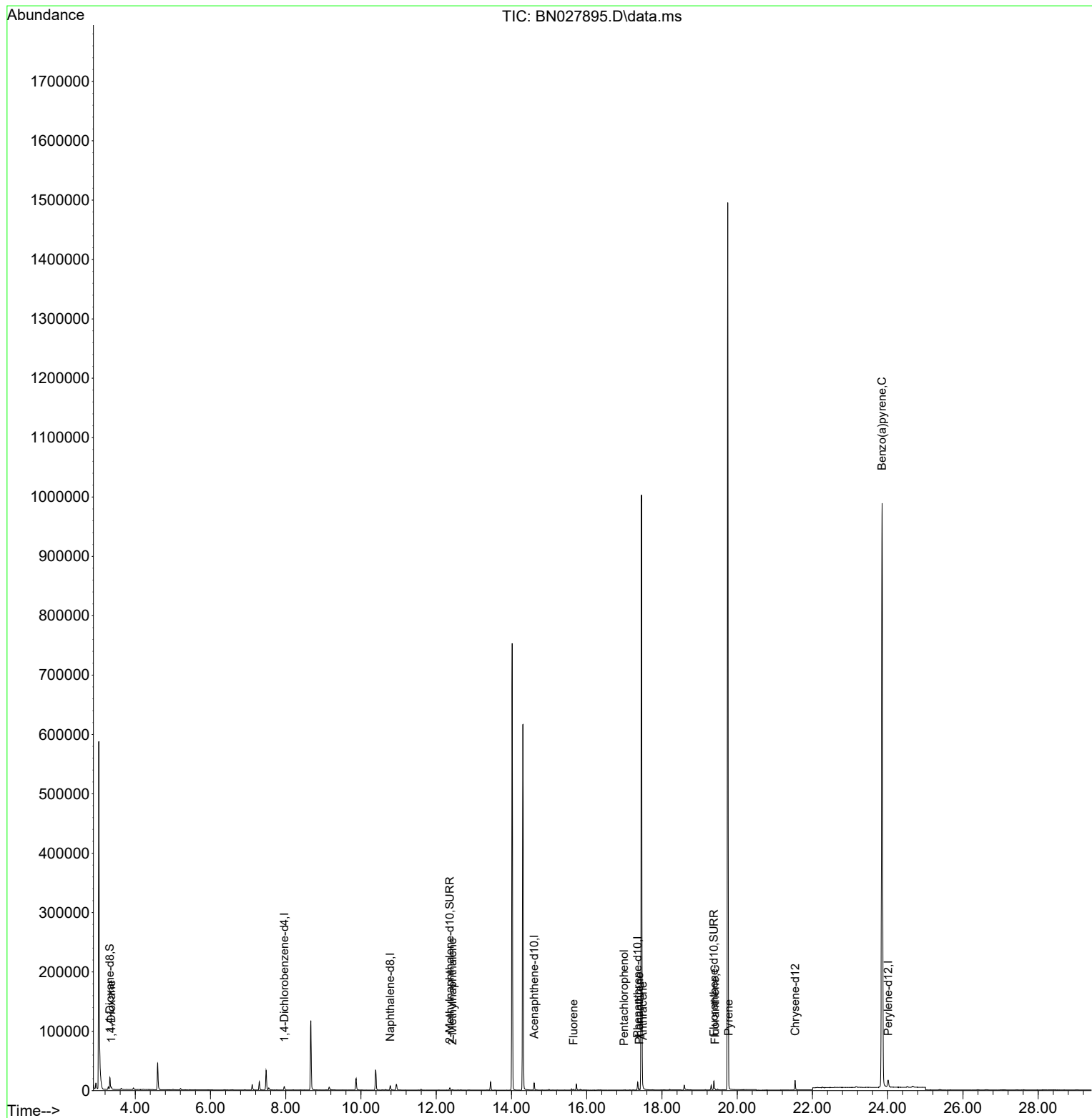
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.962	152	2882	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	9646	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	6445	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	14959	0.400	ng/ul	0.00
17) Chrysene-d12	21.539	240	14710	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	17517	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	13625	3.753	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	4896	0.335	ng/ul	0.00
18) Fluoranthene-d10	19.381	212	16271	0.362	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.363	88	2075	0.549	ng/ul	99
7) 2-Methylnaphthalene	12.434	142	450	0.026	ng/ul	95
12) Fluorene	15.651	166	663	0.023	ng/ul#	95
14) Pentachlorophenol	16.987	266	167	0.048	ng/ul#	72
15) Phenanthrene	17.396	178	2206	0.047	ng/ul#	87
16) Anthracene	17.489	178	1955	0.050	ng/ul#	84
19) Fluoranthene	19.408	202	1517	0.026	ng/ul#	81
20) Pyrene	19.776	202	1310	0.021	ng/ul#	74
26) Benzo(a)pyrene	23.848	252	4866	0.077	ng/ul#	45

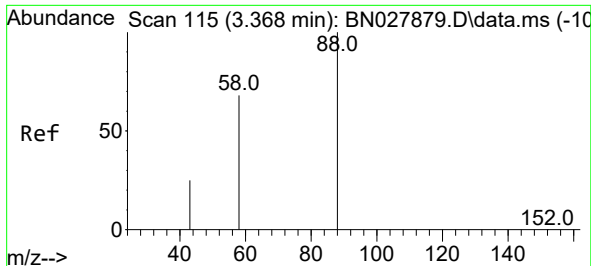
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 28 00:00:14 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
Response via : Initial Calibration

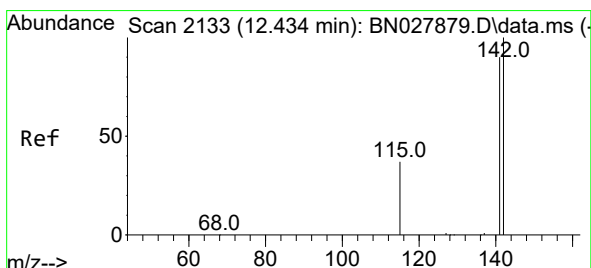
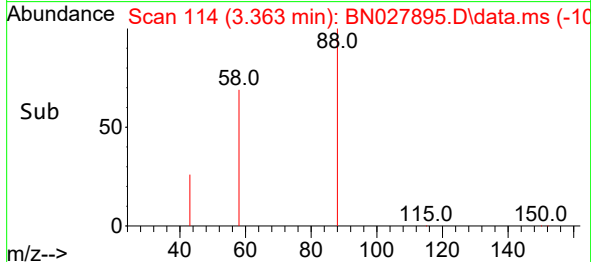
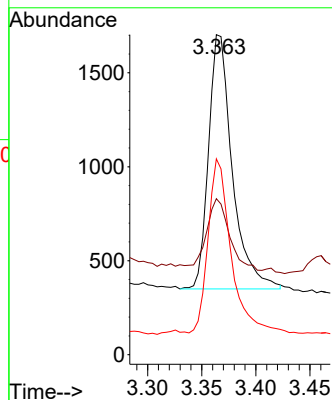
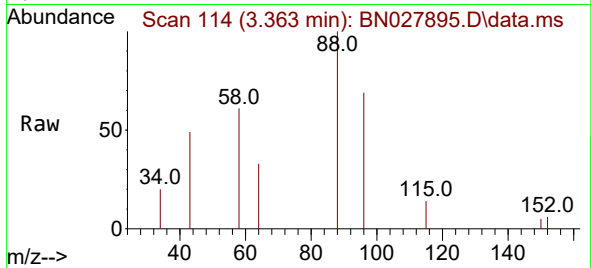




#2
1,4-Dioxane
Concen: 0.549 ng/ul
RT: 3.363 min Scan# 115
Delta R.T. -0.004 min
Lab File: BN027895.D
Acq: 27 Sep 2023 11:55

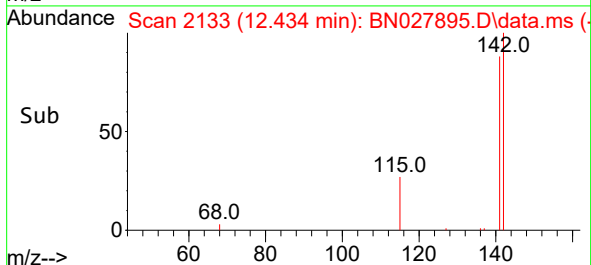
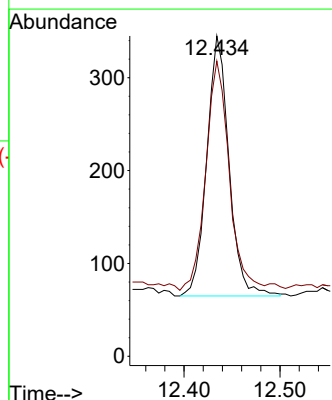
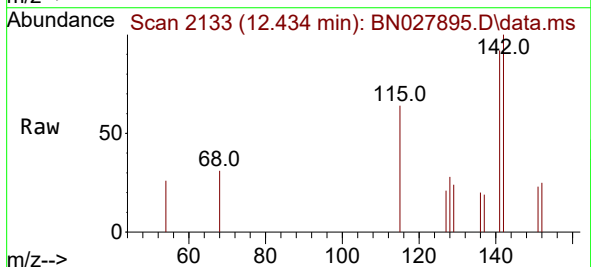
Instrument :
BNA_N
ClientSampleId :
BBHH9

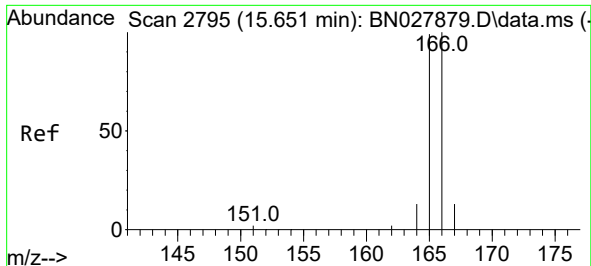
Tgt Ion: 88 Resp: 2075
Ion Ratio Lower Upper
88 100
43 48.7 39.6 59.4
58 61.2 48.3 72.5



#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN027895.D
Acq: 27 Sep 2023 11:55

Tgt Ion:142 Resp: 450
Ion Ratio Lower Upper
142 100
141 94.0 71.1 106.7

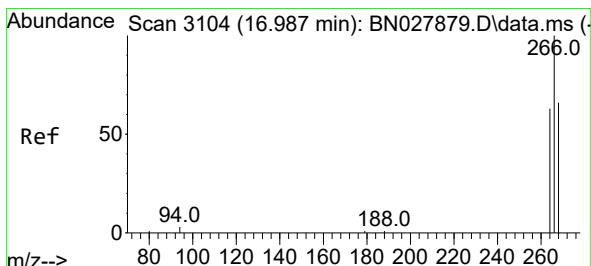
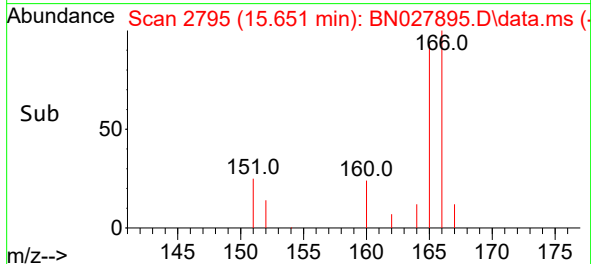
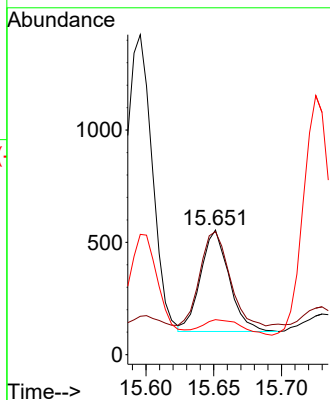
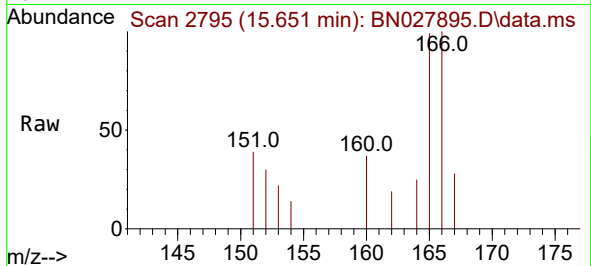




#12
Fluorene
Concen: 0.023 ng/ul
RT: 15.651 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027895.D
Acq: 27 Sep 2023 11:55

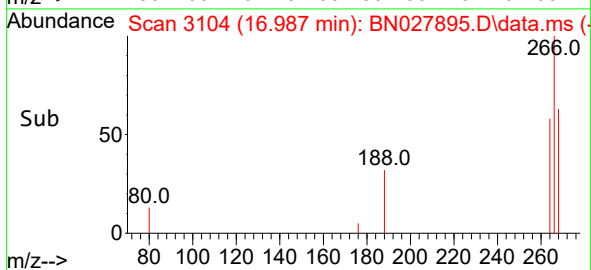
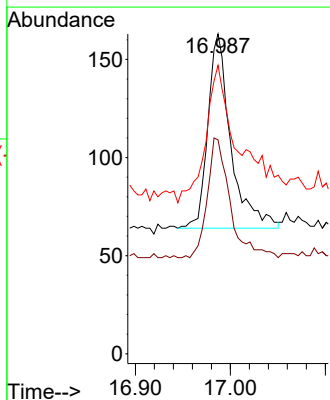
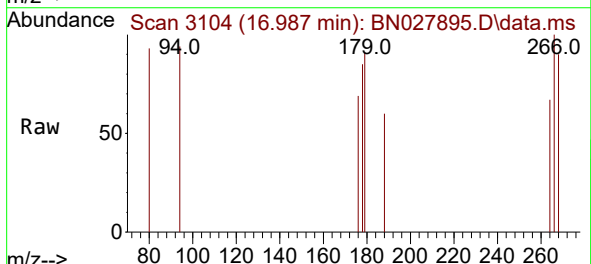
Instrument :
BNA_N
ClientSampleId :
BBHH9

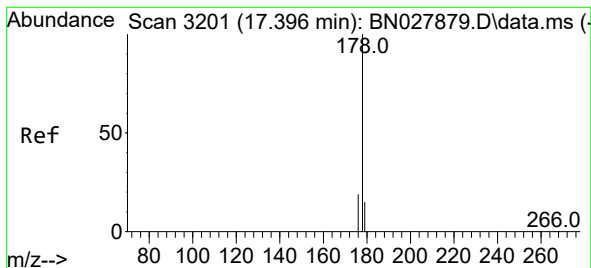
Tgt Ion:166 Resp: 663
Ion Ratio Lower Upper
166 100
165 98.7 78.0 117.0
167 28.1 11.4 17.2#



#14
Pentachlorophenol
Concen: 0.048 ng/ul
RT: 16.987 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BN027895.D
Acq: 27 Sep 2023 11:55

Tgt Ion:266 Resp: 167
Ion Ratio Lower Upper
266 100
264 60.5 49.6 74.4
268 105.4 50.7 76.1#





#15

Phenanthrene

Concen: 0.047 ng/ul

RT: 17.396 min Scan# 3201

Delta R.T. 0.000 min

Lab File: BN027895.D

Acq: 27 Sep 2023 11:55

Instrument :

BNA_N

ClientSampleId :

BBHH9

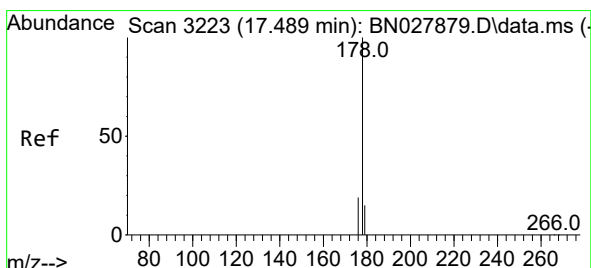
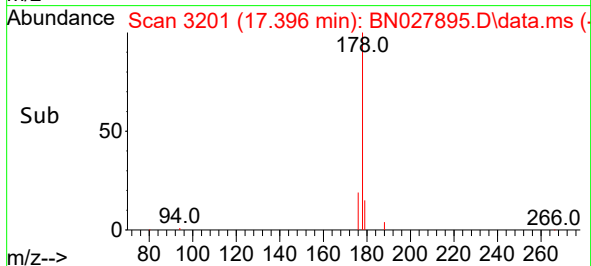
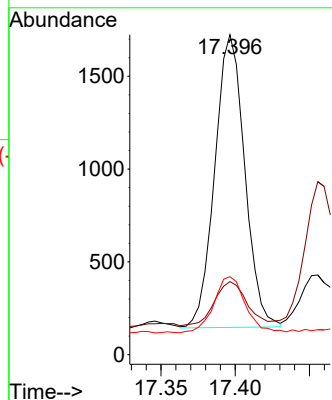
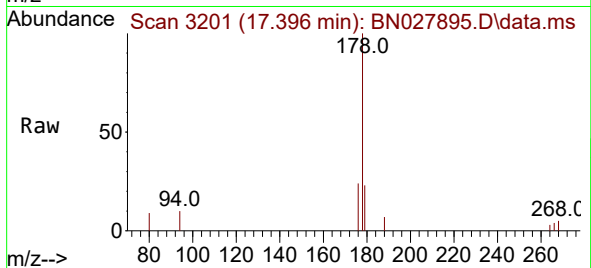
Tgt Ion:178 Resp: 2206

Ion Ratio Lower Upper

178 100

179 22.9 12.4 18.6#

176 24.4 16.0 24.0#



#16

Anthracene

Concen: 0.050 ng/ul

RT: 17.489 min Scan# 3223

Delta R.T. 0.000 min

Lab File: BN027895.D

Acq: 27 Sep 2023 11:55

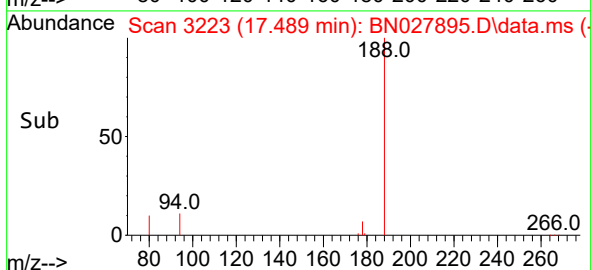
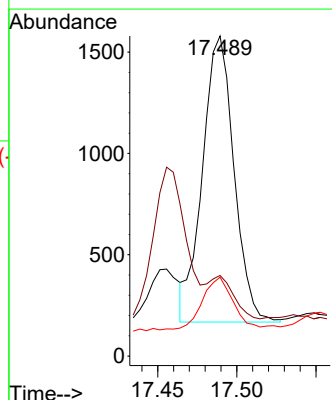
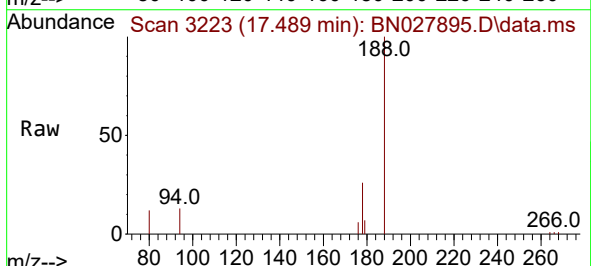
Tgt Ion:178 Resp: 1955

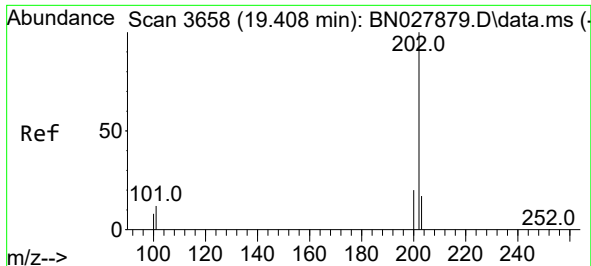
Ion Ratio Lower Upper

178 100

179 25.2 12.6 19.0#

176 24.6 15.5 23.3#

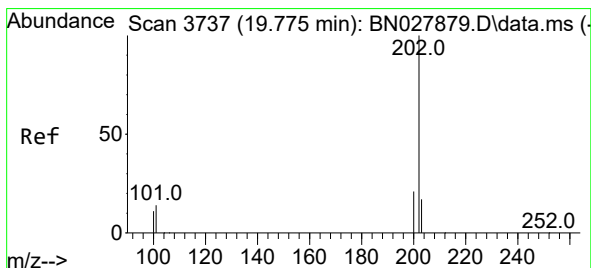
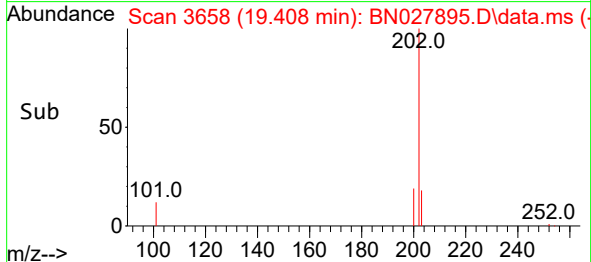
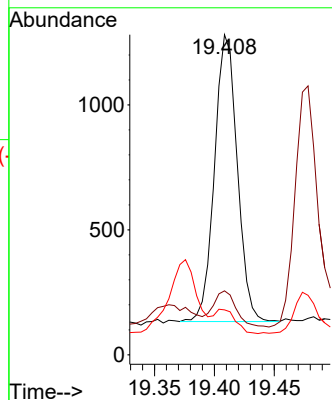
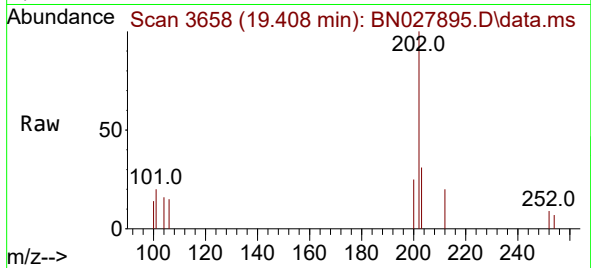




#19
Fluoranthene
Concen: 0.026 ng/uI
RT: 19.408 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BN027895.D
Acq: 27 Sep 2023 11:55

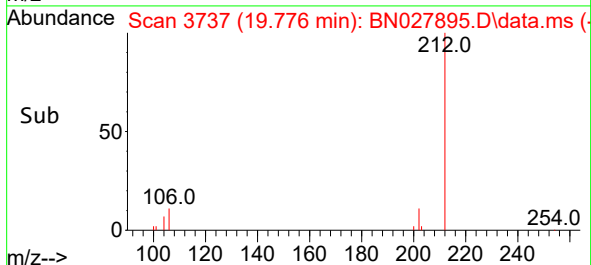
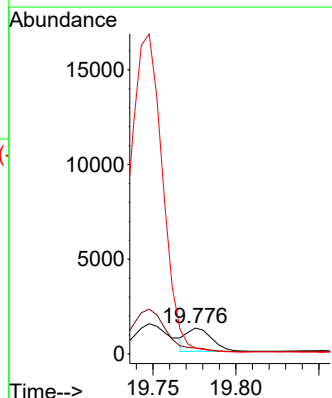
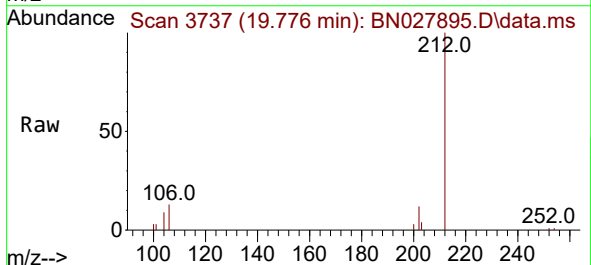
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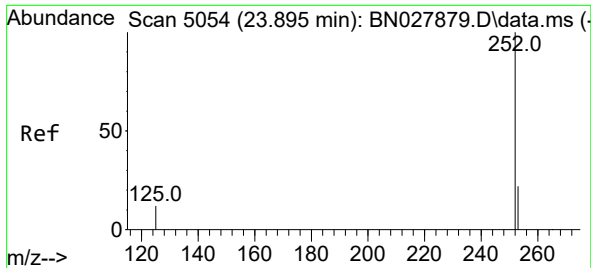
Tgt Ion:202 Resp: 1517
Ion Ratio Lower Upper
202 100
101 20.0 9.3 13.9#
100 14.1 7.0 10.4#



#20
Pyrene
Concen: 0.021 ng/uI
RT: 19.776 min Scan# 3737
Delta R.T. 0.000 min
Lab File: BN027895.D
Acq: 27 Sep 2023 11:55

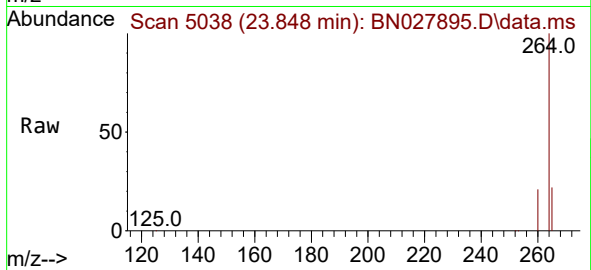
Tgt Ion:202 Resp: 1310
Ion Ratio Lower Upper
202 100
101 23.1 11.4 17.0#
100 23.0 9.1 13.7#





#26
 Benzo(a)pyrene
 Concen: 0.077 ng/ul
 RT: 23.848 min Scan# 50
 Delta R.T. -0.047 min
 Lab File: BN027895.D
 Acq: 27 Sep 2023 11:55

Instrument :
 BNA_N
 ClientSampleId :
 BBHH9



Tgt Ion:252 Resp: 4866
 Ion Ratio Lower Upper
 252 100
 253 54.0 21.9 32.9#
 125 47.3 15.5 23.3#

