

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028101.D
 Acq On : 07 Oct 2023 01:58
 Operator : MA/JU
 Sample : 04624-17
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BBBS7

Quant Time: Oct 07 03:52:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 05:15:40 2023
 Response via : Initial Calibration

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

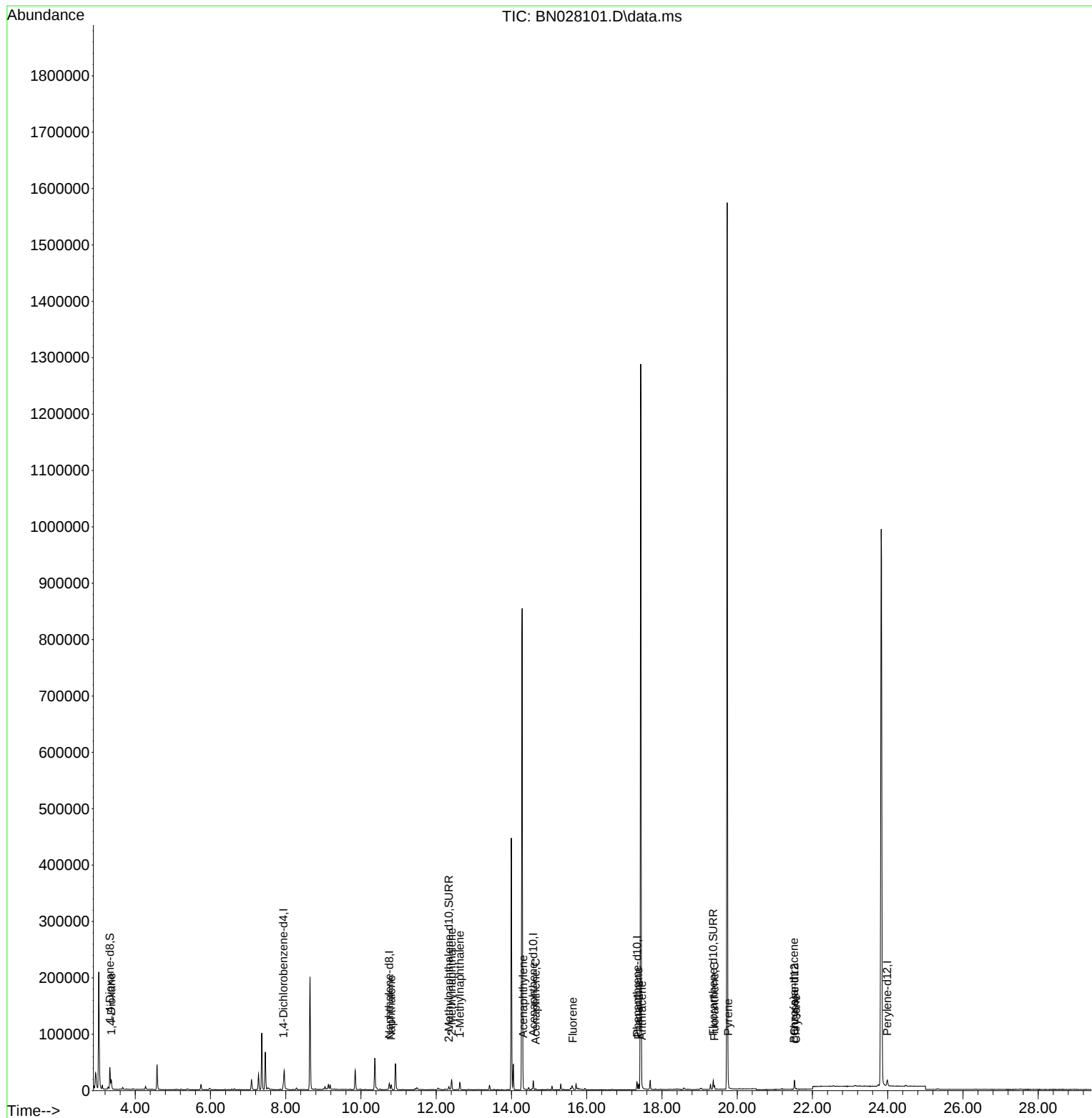
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	4936	0.400	ng/ul	0.00
4) Naphthalene-d8	10.751	136	15844	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.578	164	8454	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	16571	0.400	ng/ul	0.00
17) Chrysene-d12	21.522	240	13911	0.400	ng/ul	# 0.00
23) Perylene-d12	23.986	264	15817	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	27040	4.361	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	7138	0.280	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	16760	0.380	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.363	88	12239	1.864	ng/ul	91
5) Naphthalene	10.801	128	11803	0.262	ng/ul	98
7) 2-Methylnaphthalene	12.407	142	12335	0.434	ng/ul	99
8) 1-Methylnaphthalene	12.627	142	8459	0.288	ng/ul	100
10) Acenaphthylene	14.310	152	1127	0.029	ng/ul#	62
11) Acenaphthene	14.643	153	1286	0.042	ng/ul	94
12) Fluorene	15.628	166	1729	0.051	ng/ul#	92
15) Phenanthrene	17.375	178	10472	0.212	ng/ul	95
16) Anthracene	17.468	178	1583	0.036	ng/ul#	70
19) Fluoranthene	19.394	202	5572	0.105	ng/ul#	83
20) Pyrene	19.762	202	6862	0.125	ng/ul#	92
21) Benzo(a)anthracene	21.507	228	1075	0.021	ng/ul#	42
22) Chrysene	21.559	228	1546	0.030	ng/ul#	51

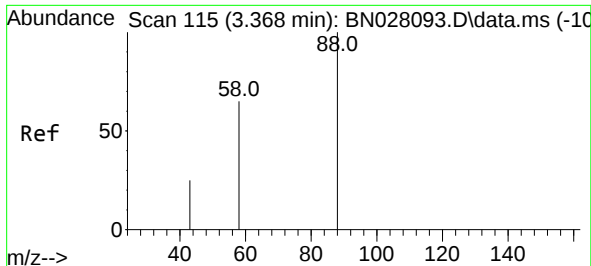
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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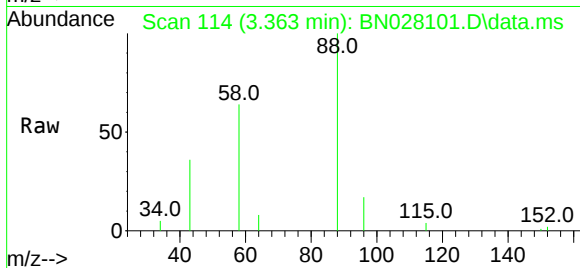
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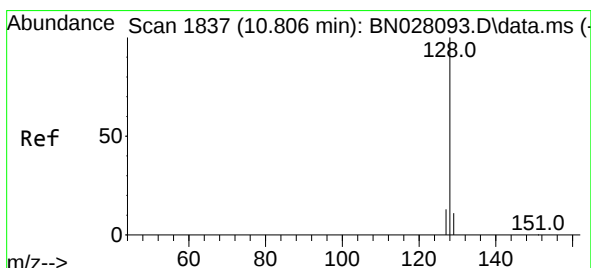
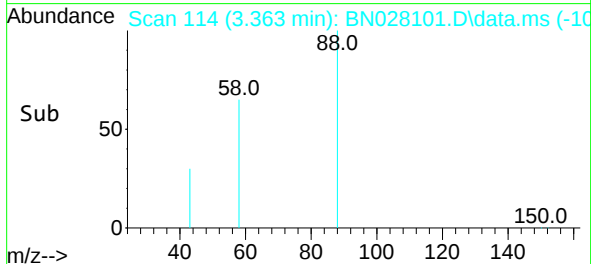
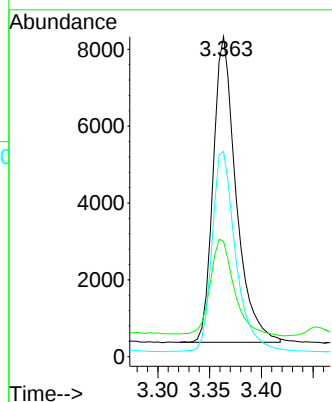
#2
1,4-Dioxane
Concen: 1.864 ng/ul
RT: 3.363 min Scan# 115
Delta R.T. -0.000 min
Lab File: BN028101.D
Acq: 07 Oct 2023 01:58

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 88 Resp: 12239

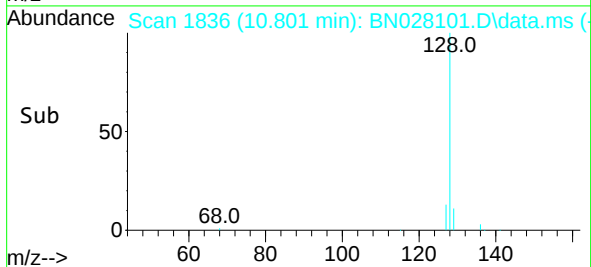
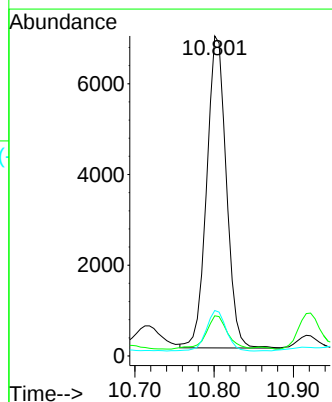
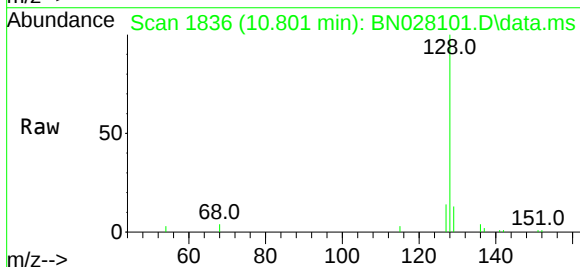
Ion	Ratio	Lower	Upper
88	100		
43	36.0	33.4	50.2
58	64.1	45.7	68.5

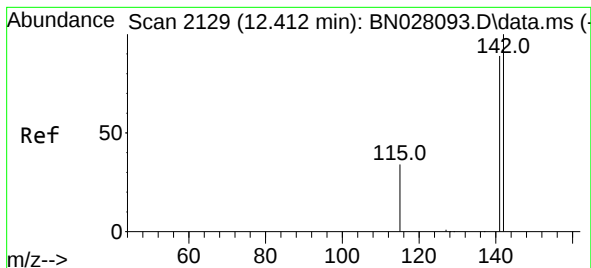


#5
Naphthalene
Concen: 0.262 ng/ul
RT: 10.801 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BN028101.D
Acq: 07 Oct 2023 01:58

Tgt Ion: 128 Resp: 11803

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.4	14.0
127	14.2	11.0	16.4





#7

2-Methylnaphthalene

Concen: 0.434 ng/ul

RT: 12.407 min Scan# 2128

Delta R.T. -0.006 min

Lab File: BN028101.D

Acq: 07 Oct 2023 01:58

Instrument :

BNA_N

ClientSampleId :

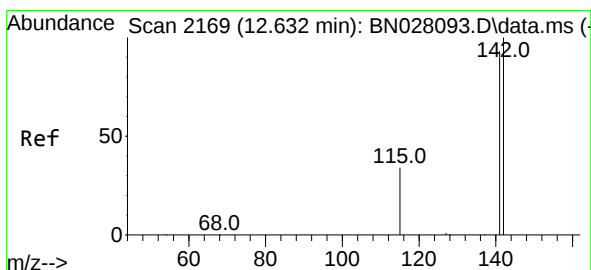
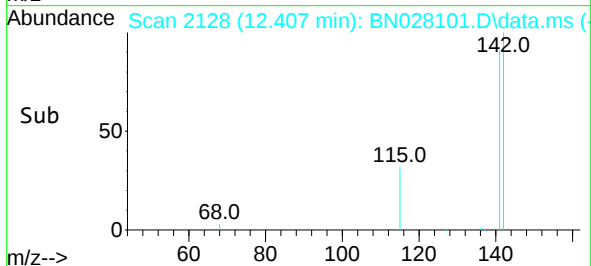
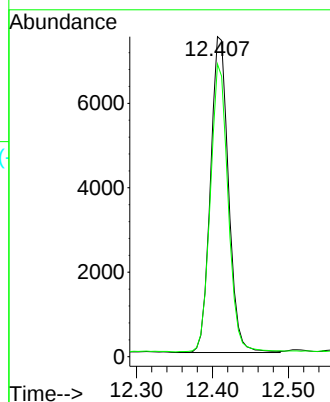
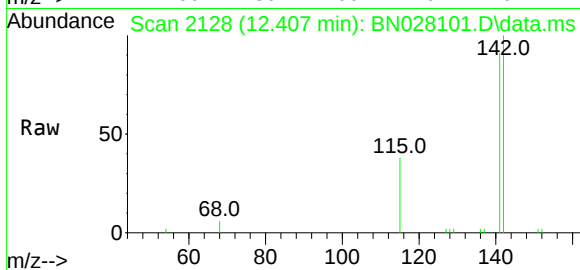
BBBS7

Tgt Ion:142 Resp: 12335

Ion Ratio Lower Upper

142 100

141 89.5 70.9 106.3



#8

1-Methylnaphthalene

Concen: 0.288 ng/ul

RT: 12.627 min Scan# 2168

Delta R.T. -0.000 min

Lab File: BN028101.D

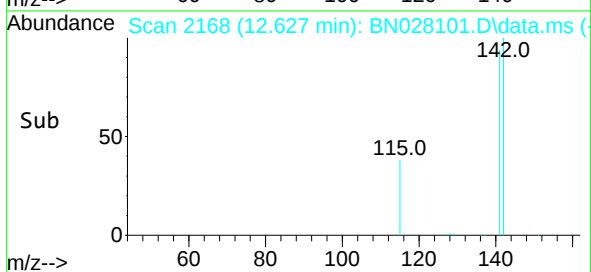
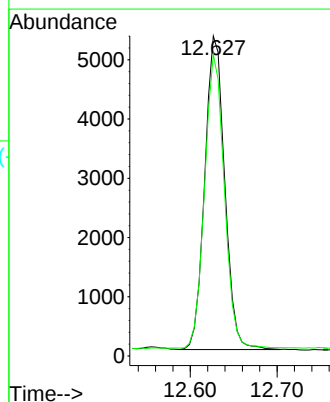
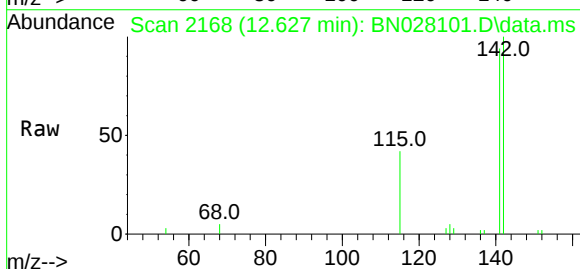
Acq: 07 Oct 2023 01:58

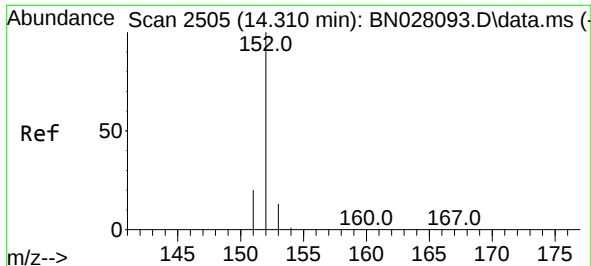
Tgt Ion:142 Resp: 8459

Ion Ratio Lower Upper

142 100

141 92.6 74.4 111.6

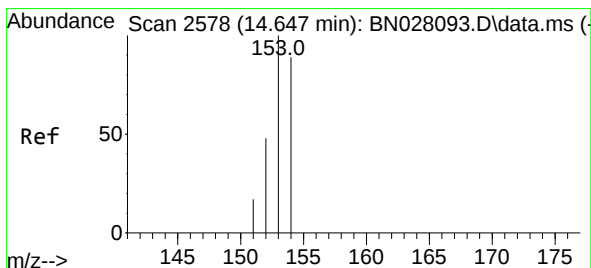
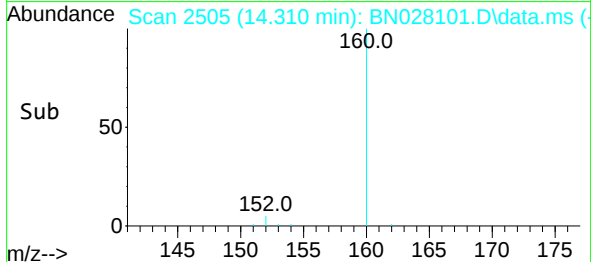
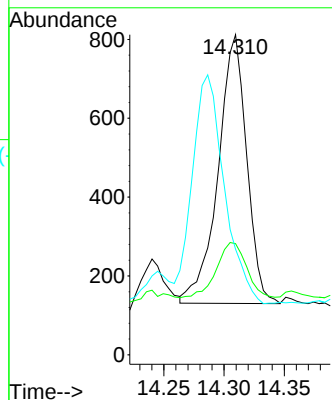
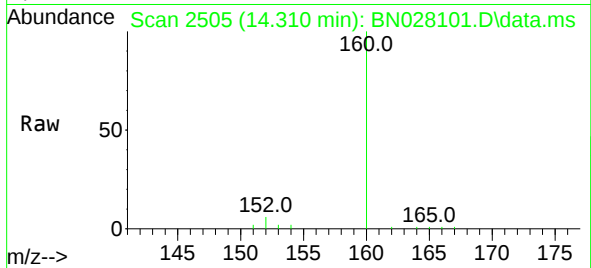




#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 14.310 min Scan# 2505
Delta R.T. -0.000 min
Lab File: BN028101.D
Acq: 07 Oct 2023 01:58

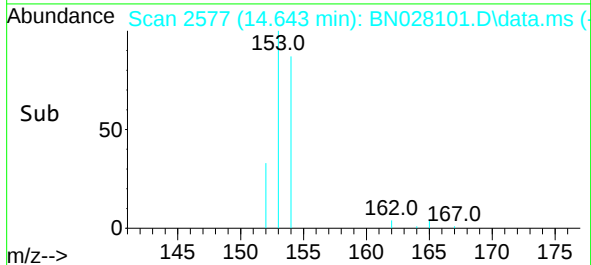
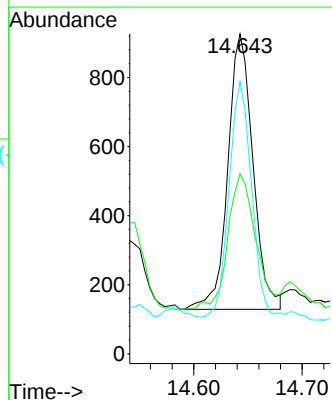
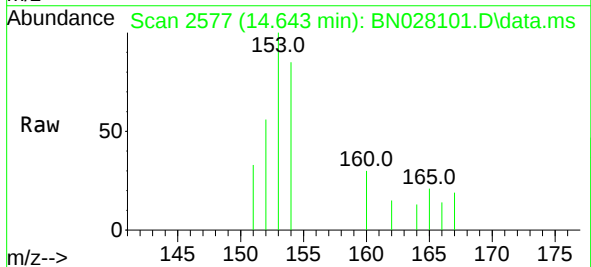
Instrument :
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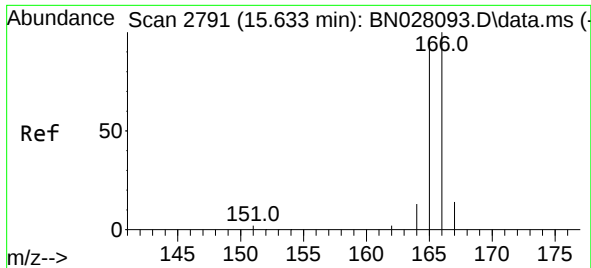
Tgt Ion:152 Resp: 1127
Ion Ratio Lower Upper
152 100
151 34.7 16.4 24.6#
153 33.0 10.9 16.3#



#11
Acenaphthene
Concen: 0.042 ng/ul
RT: 14.643 min Scan# 2577
Delta R.T. -0.000 min
Lab File: BN028101.D
Acq: 07 Oct 2023 01:58

Tgt Ion:153 Resp: 1286
Ion Ratio Lower Upper
153 100
152 56.3 39.4 59.0
154 85.2 70.2 105.4

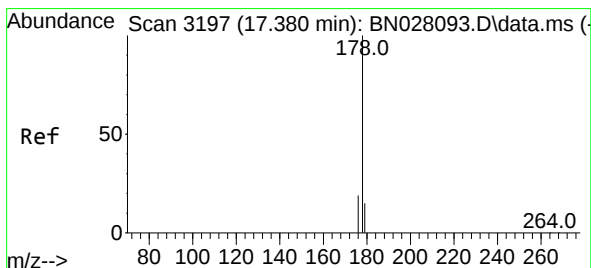
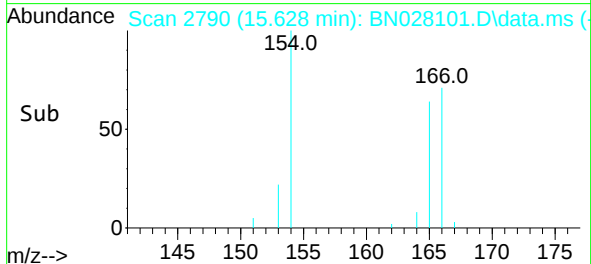
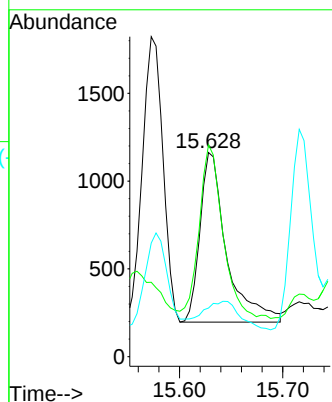
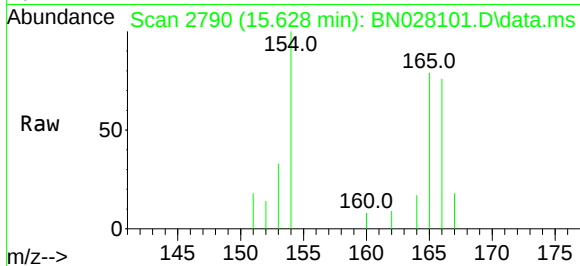




#12
Fluorene
Concen: 0.051 ng/u1
RT: 15.628 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN028101.D
Acq: 07 Oct 2023 01:58

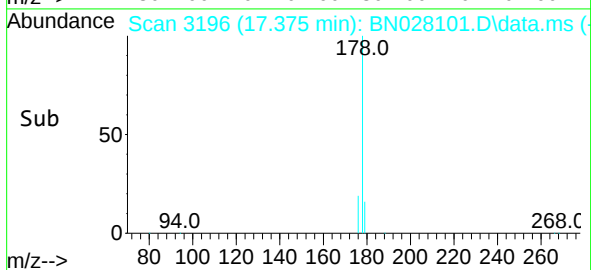
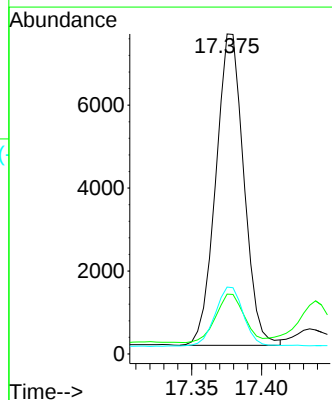
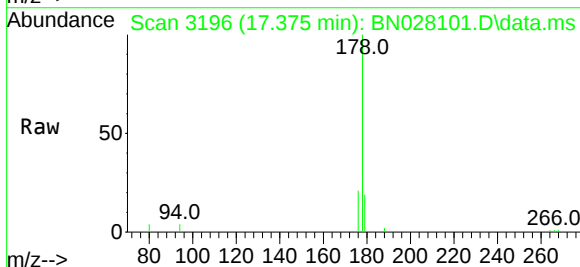
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ClientSampleId :
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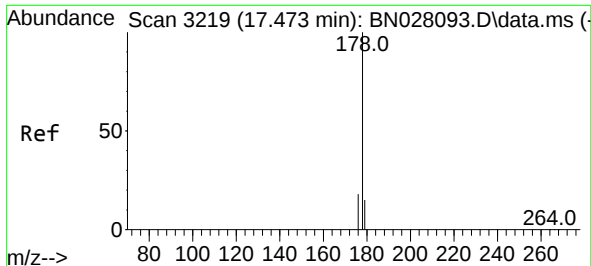
Tgt Ion:166 Resp: 1729
Ion Ratio Lower Upper
166 100
165 103.8 78.5 117.7
167 23.8 11.2 16.8#



#15
Phenanthrene
Concen: 0.212 ng/u1
RT: 17.375 min Scan# 3196
Delta R.T. -0.000 min
Lab File: BN028101.D
Acq: 07 Oct 2023 01:58

Tgt Ion:178 Resp: 10472
Ion Ratio Lower Upper
178 100
179 18.7 12.6 19.0
176 20.9 15.5 23.3

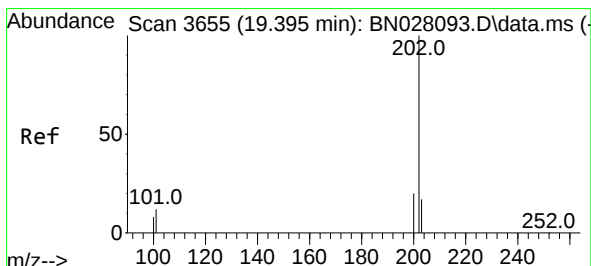
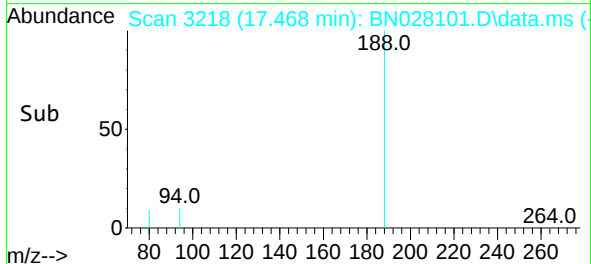
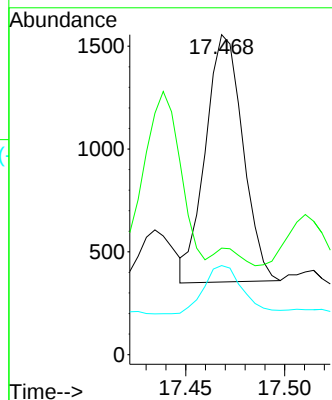
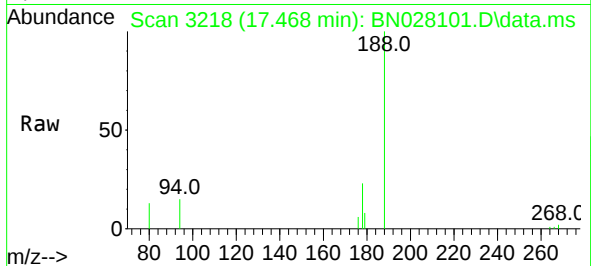




#16
 Anthracene
 Concen: 0.036 ng/ul
 RT: 17.468 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN028101.D
 Acq: 07 Oct 2023 01:58

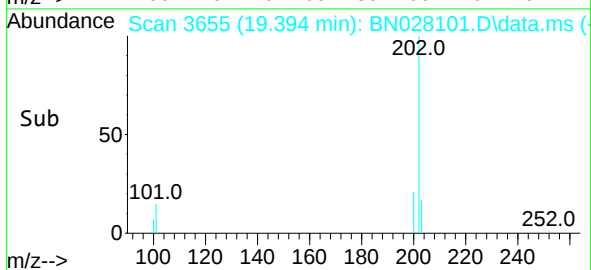
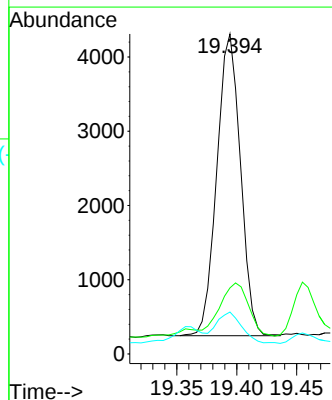
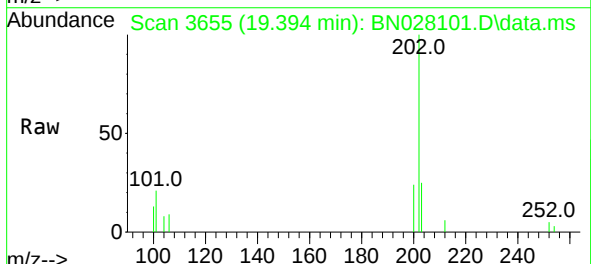
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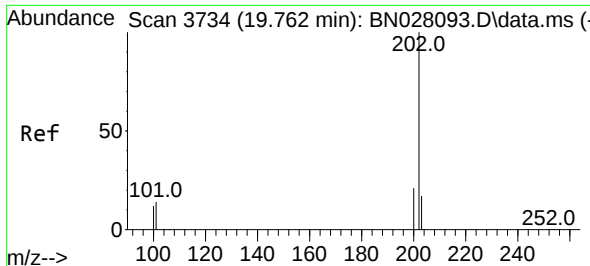
Tgt Ion:178 Resp: 1583
 Ion Ratio Lower Upper
 178 100
 179 33.3 12.8 19.2#
 176 27.8 15.0 22.6#



#19
 Fluoranthene
 Concen: 0.105 ng/ul
 RT: 19.394 min Scan# 3655
 Delta R.T. 0.005 min
 Lab File: BN028101.D
 Acq: 07 Oct 2023 01:58

Tgt Ion:202 Resp: 5572
 Ion Ratio Lower Upper
 202 100
 101 20.7 9.6 14.4#
 100 13.1 7.4 11.0#

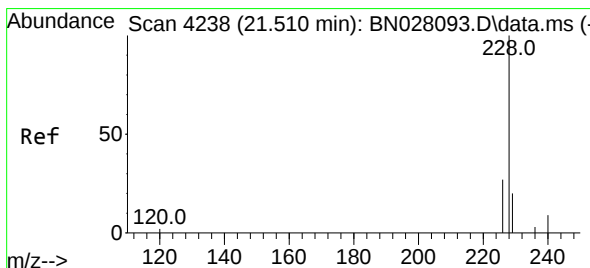
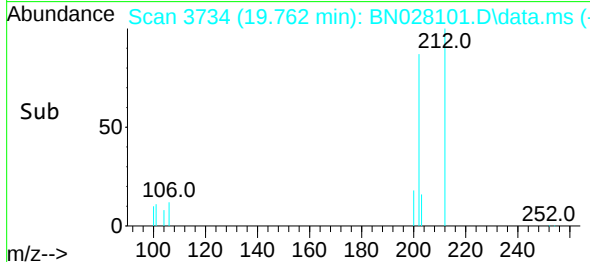
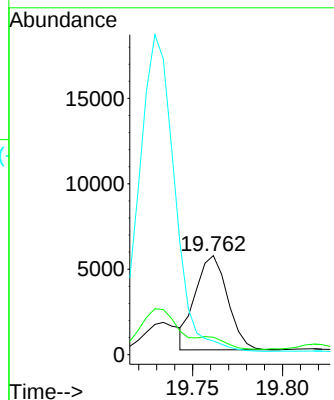
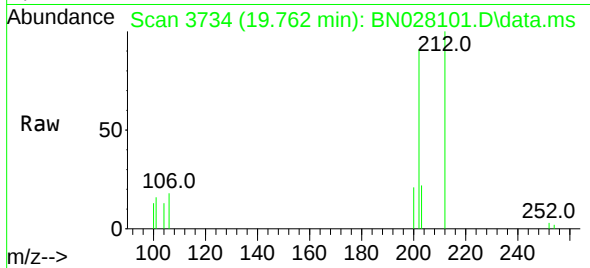




#20
Pyrene
Concen: 0.125 ng/ul
RT: 19.762 min Scan# 31
Delta R.T. 0.005 min
Lab File: BN028101.D
Acq: 07 Oct 2023 01:58

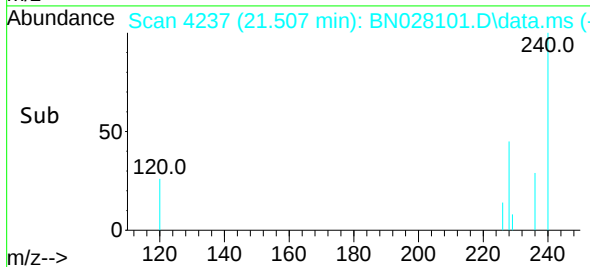
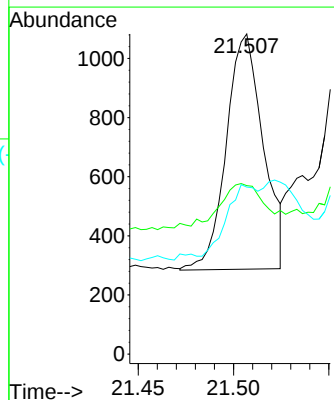
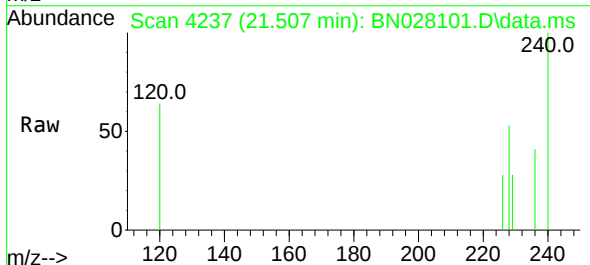
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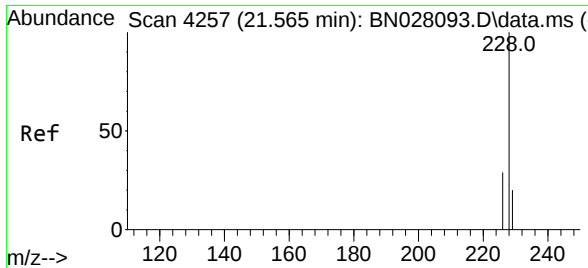
Tgt Ion:202 Resp: 6862
Ion Ratio Lower Upper
202 100
101 17.7 11.2 16.8#
100 14.0 9.1 13.7#



#21
Benzo(a)anthracene
Concen: 0.021 ng/ul
RT: 21.507 min Scan# 4237
Delta R.T. 0.006 min
Lab File: BN028101.D
Acq: 07 Oct 2023 01:58

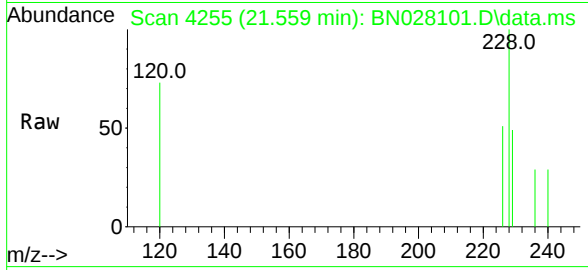
Tgt Ion:228 Resp: 1075
Ion Ratio Lower Upper
228 100
229 52.6 16.0 24.0#
226 52.2 21.5 32.3#





#22
 Chrysene
 Concen: 0.030 ng/ul
 RT: 21.559 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: BN028101.D
 Acq: 07 Oct 2023 01:58

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:	228	Resp:	1546
Ion Ratio	Lower	Upper	
228	100		
226	51.1	23.8	35.8#
229	48.6	16.0	24.0#

