

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028711.D
 Acq On : 17 Nov 2023 21:17
 Operator : MA/JU
 Sample : 05158-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH367

Quant Time: Nov 17 23:07:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 09:39:27 2023
 Response via : Initial Calibration

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

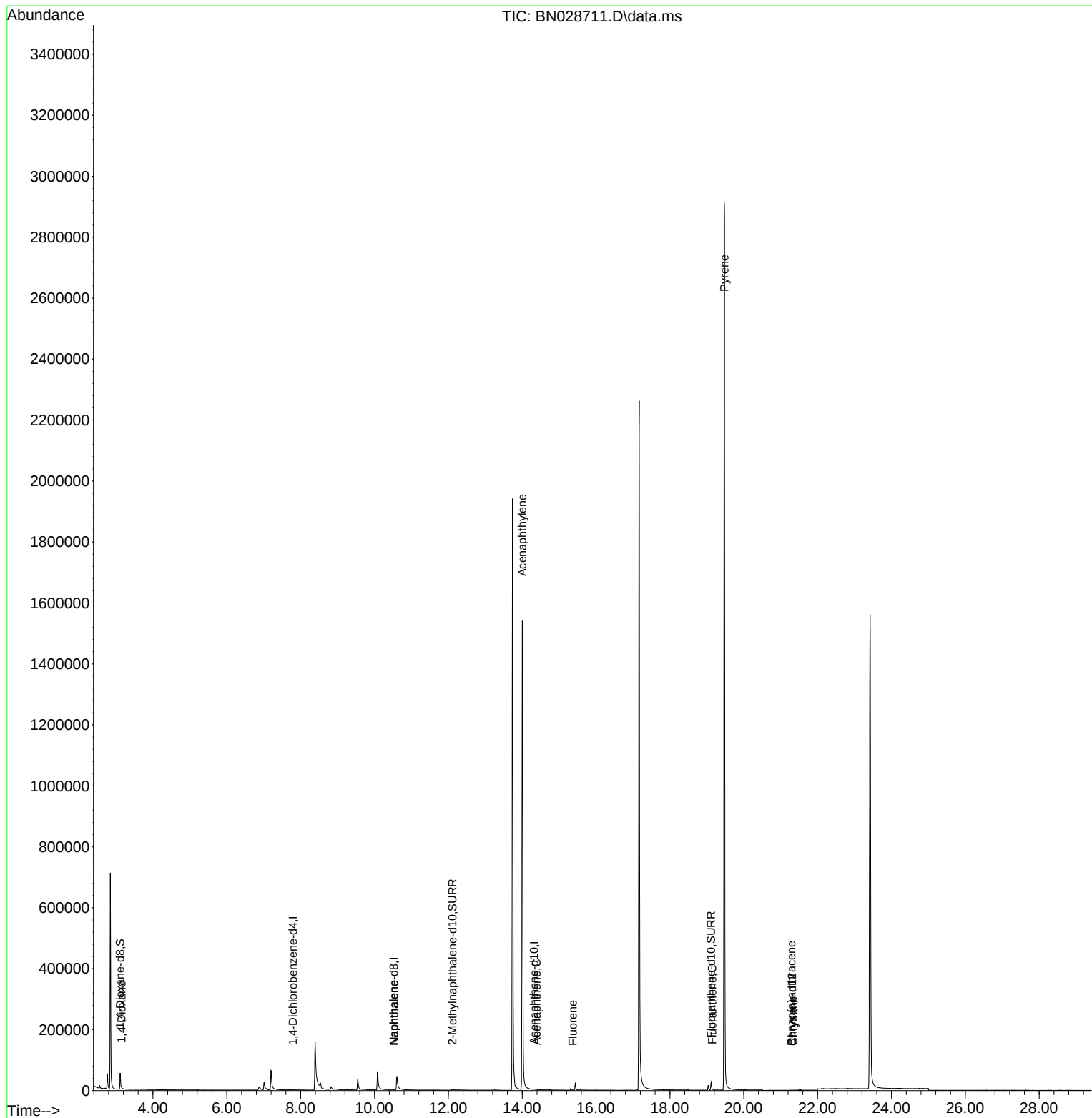
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	5	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.523	136	888	0.400	ng/ul	# 0.03
9) Acenaphthene-d10	14.326	164	887	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	0.000	188	0	0.000	ng/ul	-17.09
17) Chrysene-d12	21.305	240	542	0.400	ng/ul	# 0.00
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-23.58
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.112	96	37347	6758.324	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.112	152	8199	6.133	ng/ul	0.00
18) Fluoranthene-d10	19.113	212	34003	19.495	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.150	88	1429	233.949	ng/ul#	76
5) Naphthalene	10.534	128	362	0.145	ng/ul#	9
10) Acenaphthylene	14.002	152	365	0.082	ng/ul#	1
11) Acenaphthene	14.386	153	205	0.063	ng/ul#	79
12) Fluorene	15.372	166	303	0.080	ng/ul#	70
19) Fluoranthene	19.146	202	1525	0.662	ng/ul#	59
20) Pyrene	19.476	202	5920	2.478	ng/ul#	1
21) Benzo(a)anthracene	21.290	228	459	0.214	ng/ul#	18
22) Chrysene	21.340	228	472	0.225	ng/ul#	32

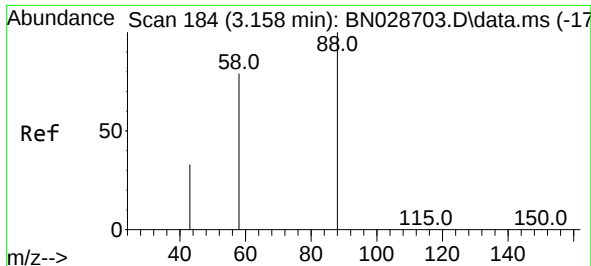
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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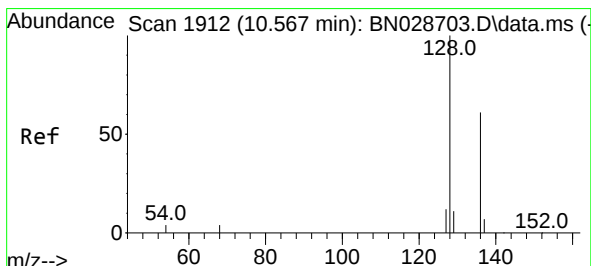
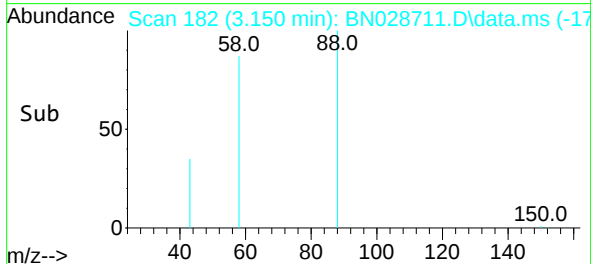
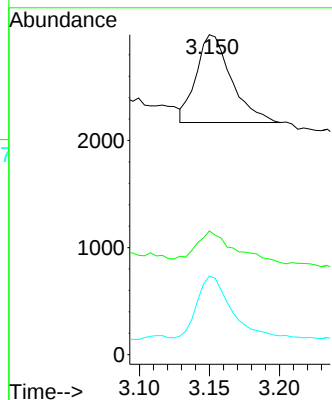
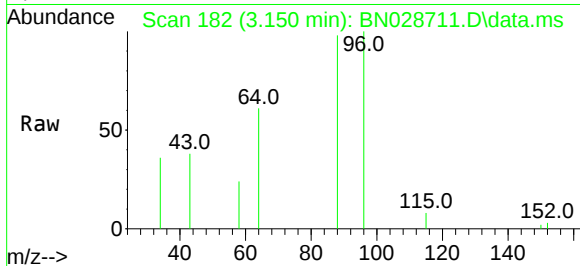




#2
1,4-Dioxane
Concen: 233.949 ng/ul
RT: 3.150 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN028711.D
Acq: 17 Nov 2023 21:17

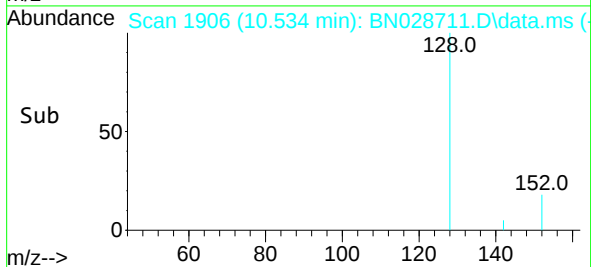
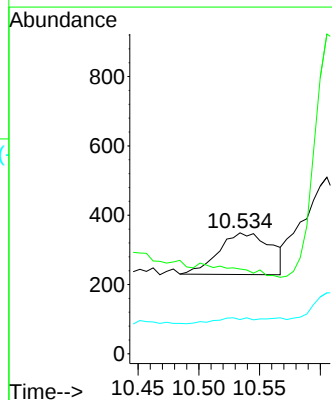
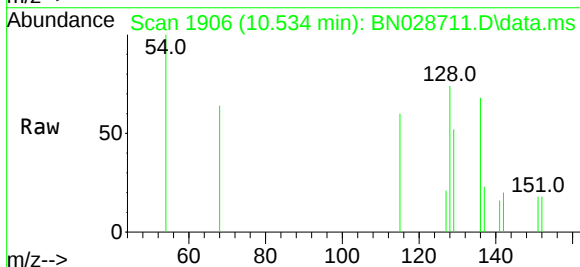
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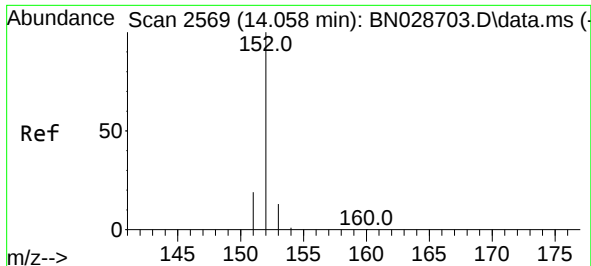
Tgt Ion: 88 Resp: 1429
Ion Ratio Lower Upper
88 100
43 38.6 32.9 49.3
58 24.5 41.8 62.8#



#5
Naphthalene
Concen: 0.145 ng/ul
RT: 10.534 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BN028711.D
Acq: 17 Nov 2023 21:17

Tgt Ion: 128 Resp: 362
Ion Ratio Lower Upper
128 100
129 70.2 9.2 13.8#
127 28.4 10.7 16.1#

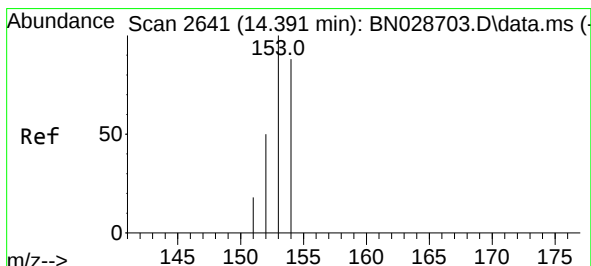
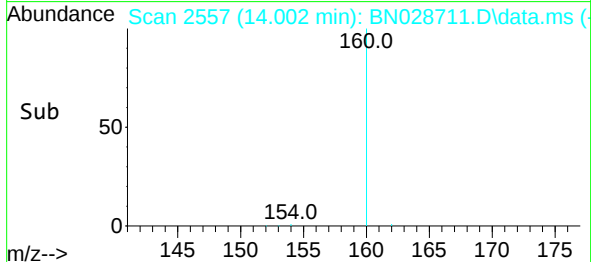
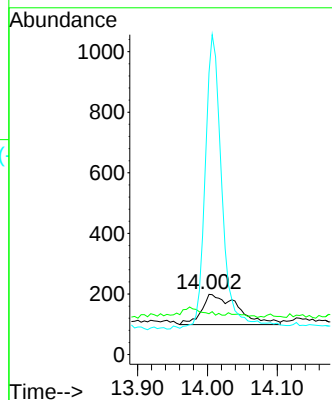
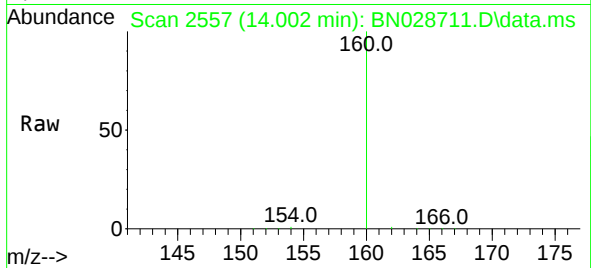




#10
Acenaphthylene
Concen: 0.082 ng/ul
RT: 14.002 min Scan# 21
Delta R.T. -0.050 min
Lab File: BN028711.D
Acq: 17 Nov 2023 21:17

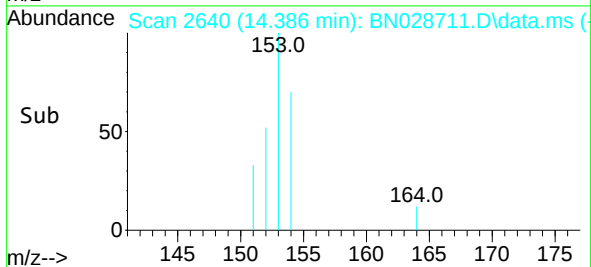
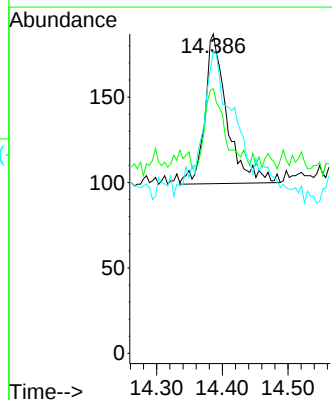
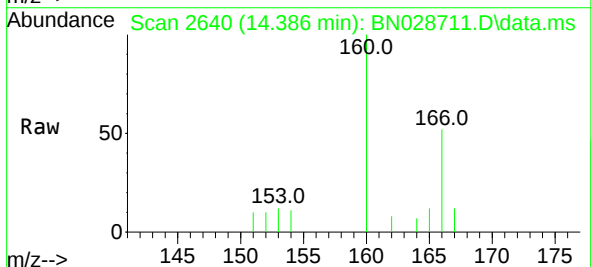
Instrument :
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ClientSampleId :
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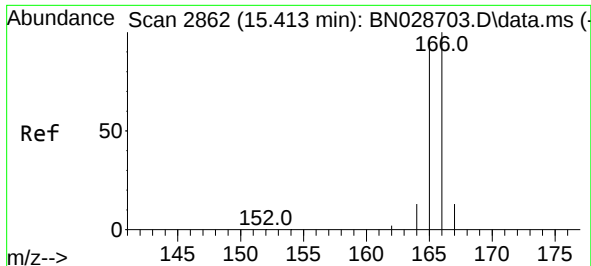
Tgt Ion:152 Resp: 365
Ion Ratio Lower Upper
152 100
151 67.8 16.1 24.1#
153 467.3 10.6 15.8#



#11
Acenaphthene
Concen: 0.063 ng/ul
RT: 14.386 min Scan# 2640
Delta R.T. -0.004 min
Lab File: BN028711.D
Acq: 17 Nov 2023 21:17

Tgt Ion:153 Resp: 205
Ion Ratio Lower Upper
153 100
152 82.9 39.6 59.4#
154 94.7 71.0 106.6

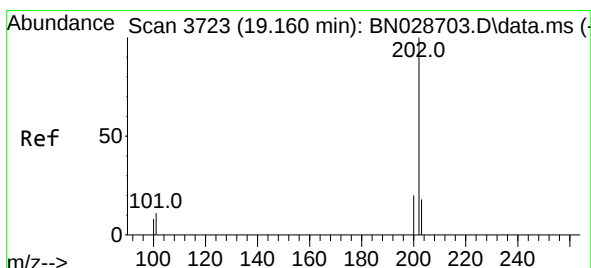
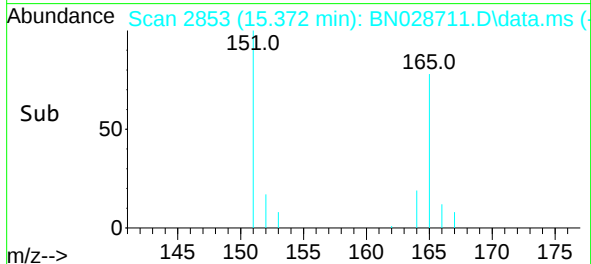
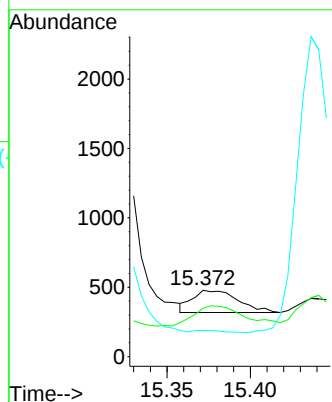
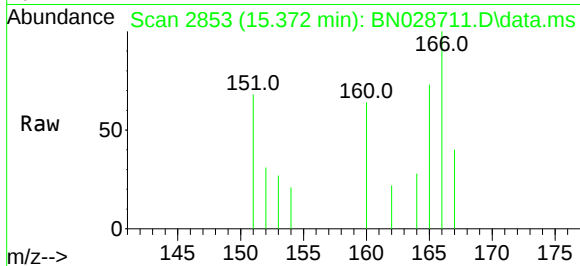




#12
Fluorene
Concen: 0.080 ng/ul
RT: 15.372 min Scan# 2862
Delta R.T. -0.022 min
Lab File: BN028711.D
Acq: 17 Nov 2023 21:17

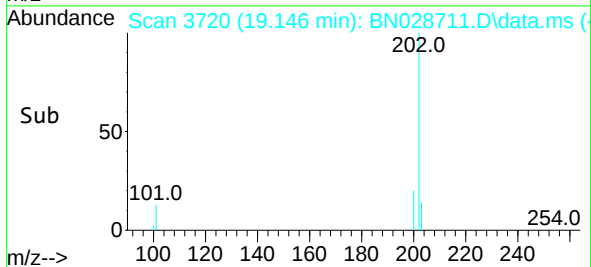
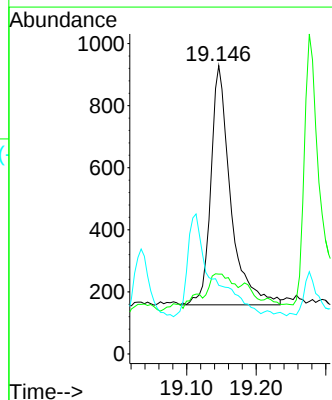
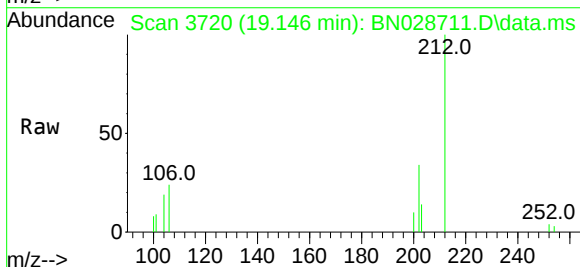
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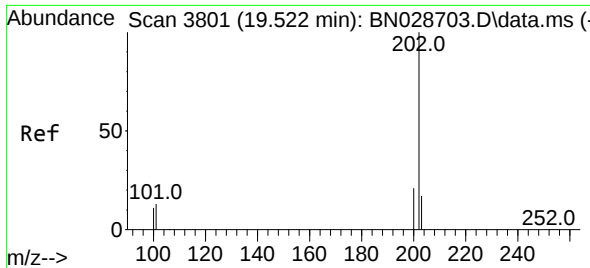
Tgt Ion:166 Resp: 303
Ion Ratio Lower Upper
166 100
165 73.0 78.6 118.0#
167 39.5 11.0 16.6#



#19
Fluoranthene
Concen: 0.662 ng/ul
RT: 19.146 min Scan# 3720
Delta R.T. -0.004 min
Lab File: BN028711.D
Acq: 17 Nov 2023 21:17

Tgt Ion:202 Resp: 1525
Ion Ratio Lower Upper
202 100
101 27.7 9.5 14.3#
100 23.8 7.2 10.8#

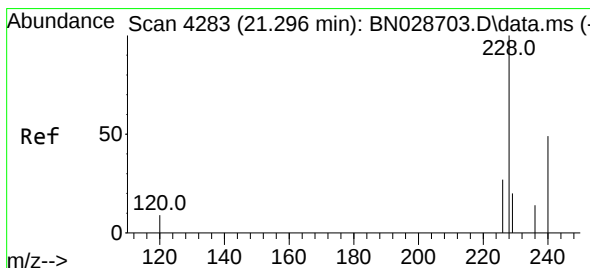
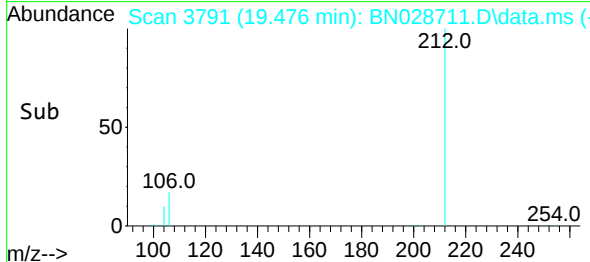
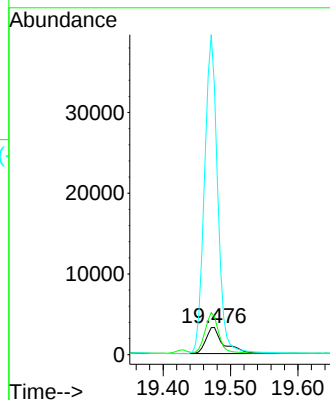
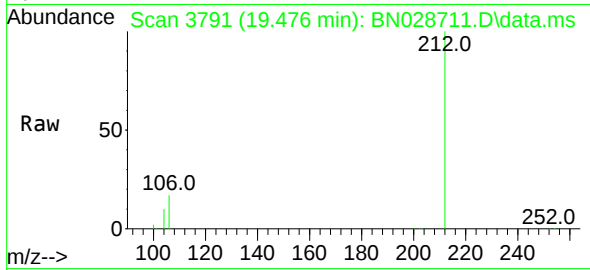




#20
Pyrene
Concen: 2.478 ng/ul
RT: 19.476 min Scan# 31
Delta R.T. -0.036 min
Lab File: BN028711.D
Acq: 17 Nov 2023 21:17

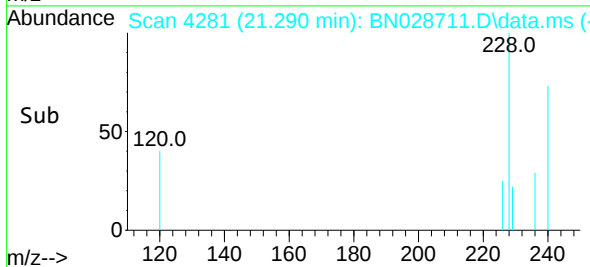
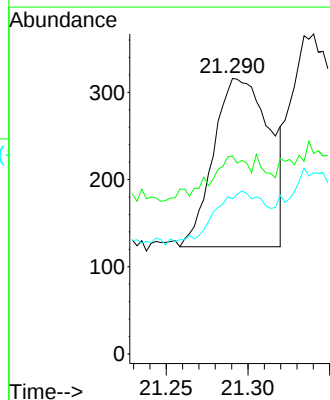
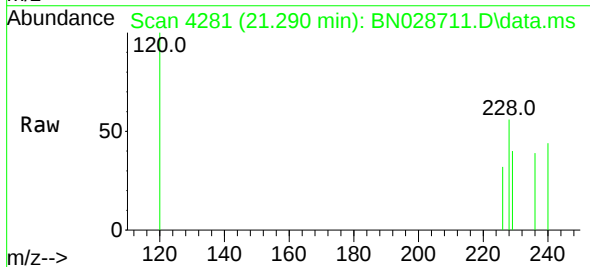
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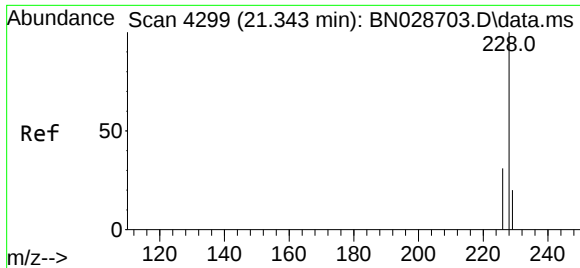
Tgt Ion:202 Resp: 5920
Ion Ratio Lower Upper
202 100
101 140.2 10.3 15.5#
100 982.3 8.2 12.2#



#21
Benzo(a)anthracene
Concen: 0.214 ng/ul
RT: 21.290 min Scan# 4281
Delta R.T. 0.010 min
Lab File: BN028711.D
Acq: 17 Nov 2023 21:17

Tgt Ion:228 Resp: 459
Ion Ratio Lower Upper
228 100
229 71.8 15.7 23.5#
226 56.3 21.4 32.0#





#22

Chrysene

Concen: 0.225 ng/ul

RT: 21.340 min Scan# 41

Delta R.T. 0.007 min

Lab File: BN028711.D

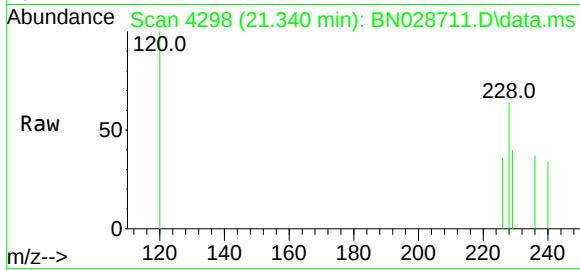
Acq: 17 Nov 2023 21:17

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:228 Resp: 472

Ion Ratio Lower Upper

228 100

226 56.7 23.8 35.8#

229 62.7 15.4 23.2#

