

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110923\
 Data File : BN028562.D
 Acq On : 10 Nov 2023 17:58
 Operator : MA/JU
 Sample : PB156720BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS720

Quant Time: Nov 10 23:28:09 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 : Thu Nov 09 16:30:32 2023
 Response via : Initial Calibration

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

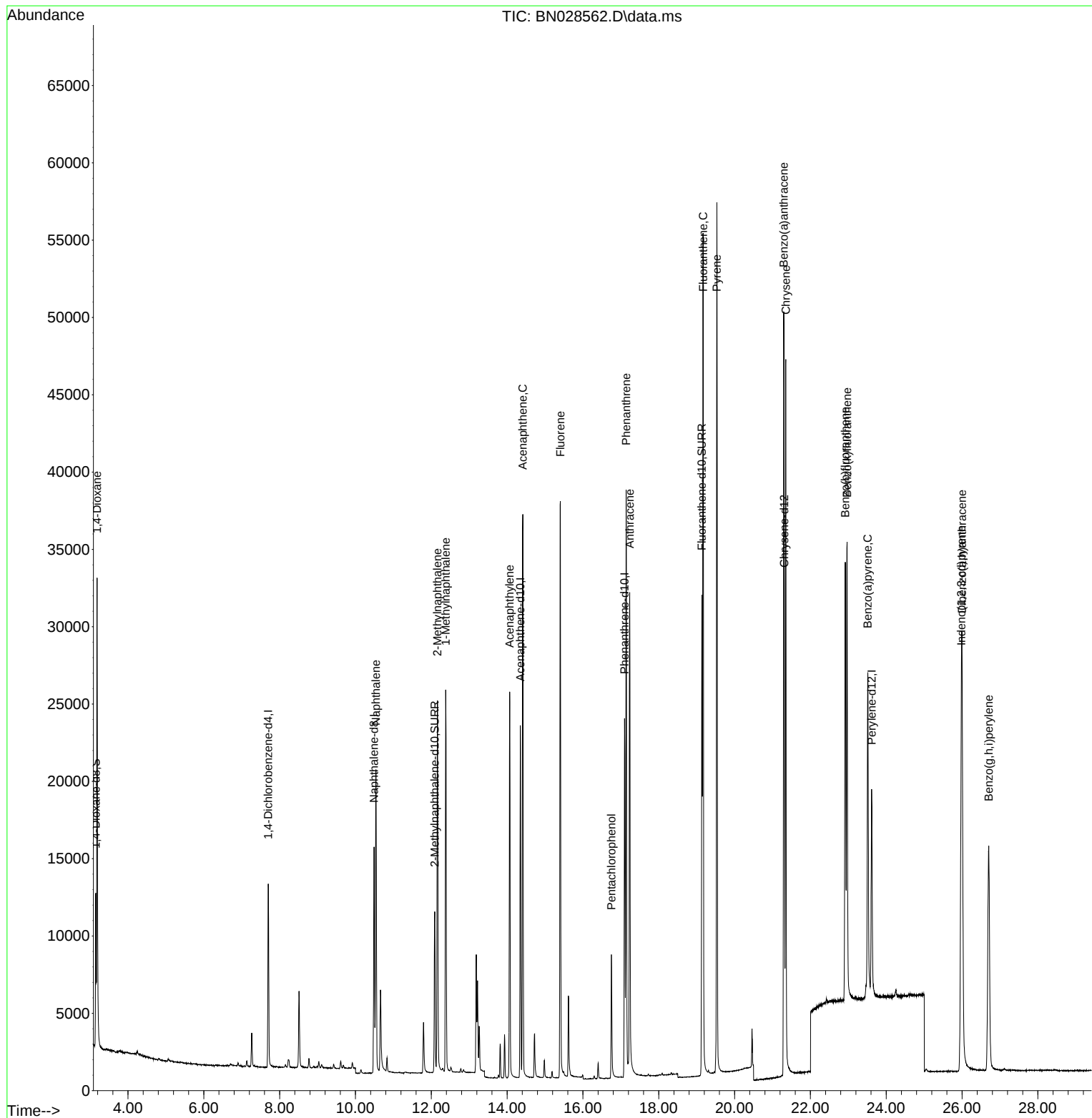
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	6260	0.400	ng/ul	0.00
4) Naphthalene-d8	10.491	136	20114	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.349	164	12133	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.099	188	27527	0.400	ng/ul	0.00
17) Chrysene-d12	21.312	240	19740	0.400	ng/ul	0.00
23) Perylene-d12	23.615	264	18286	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	6267	0.906	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.091	152	13985	0.462	ng/ul	0.00
18) Fluoranthene-d10	19.137	212	34763	0.547	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.185	88	19608	2.564	ng/ul#	78
5) Naphthalene	10.540	128	26439	0.469	ng/ul	99
7) 2-Methylnaphthalene	12.163	142	17364	0.468	ng/ul	99
8) 1-Methylnaphthalene	12.383	142	17161	0.455	ng/ul	100
10) Acenaphthylene	14.067	152	28932	0.478	ng/ul	100
11) Acenaphthene	14.414	153	20984	0.471	ng/ul	100
12) Fluorene	15.404	166	24395	0.471	ng/ul	99
14) Pentachlorophenol	16.753	266	5637	0.853	ng/ul	100
15) Phenanthrene	17.141	178	39962	0.473	ng/ul	100
16) Anthracene	17.234	178	36269	0.468	ng/ul	100
19) Fluoranthene	19.169	202	46413	0.553	ng/ul	98
20) Pyrene	19.532	202	47684	0.548	ng/ul	98
21) Benzo(a)anthracene	21.298	228	39158	0.502	ng/ul	100
22) Chrysene	21.350	228	39323	0.515	ng/ul	99
24) Benzo(b)fluoranthene	22.920	252	36438	0.531	ng/ul	98
25) Benzo(k)fluoranthene	22.966	252	37889	0.527	ng/ul	98
26) Benzo(a)pyrene	23.513	252	33045	0.510	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.980	276	39015	0.543	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.000	278	31324	0.545	ng/ul	98
29) Benzo(g,h,i)perylene	26.705	276	32411	0.550	ng/ul	99

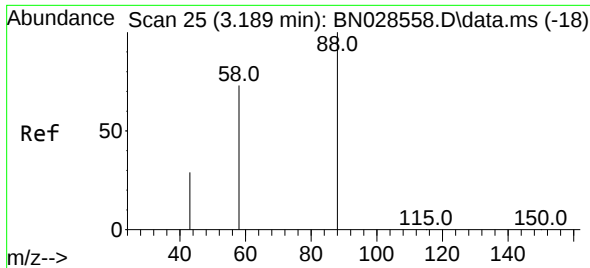
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 2.564 ng/ul

RT: 3.185 min Scan# 24

Delta R.T. -0.004 min

Lab File: BN028562.D

Acq: 10 Nov 2023 17:58

Instrument :

BNA_N

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SLCS720

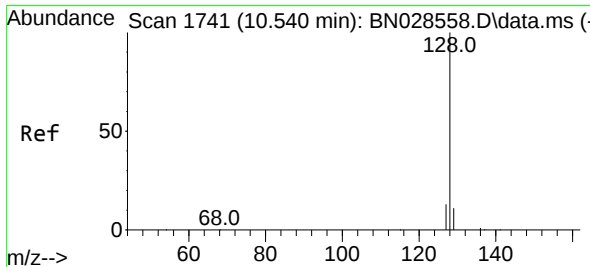
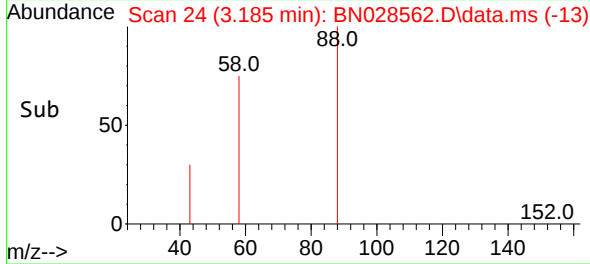
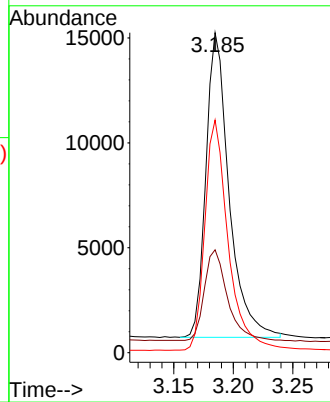
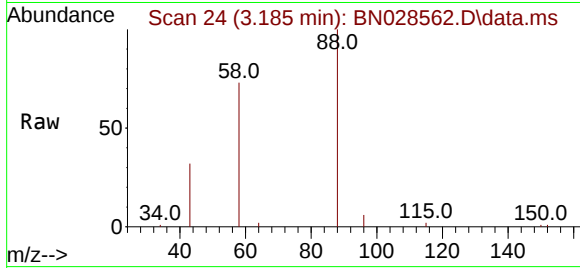
Tgt Ion: 88 Resp: 19608

Ion Ratio Lower Upper

88 100

43 32.2 32.9 49.3#

58 72.7 41.8 62.8#



#5

Naphthalene

Concen: 0.469 ng/ul

RT: 10.540 min Scan# 1741

Delta R.T. -0.004 min

Lab File: BN028562.D

Acq: 10 Nov 2023 17:58

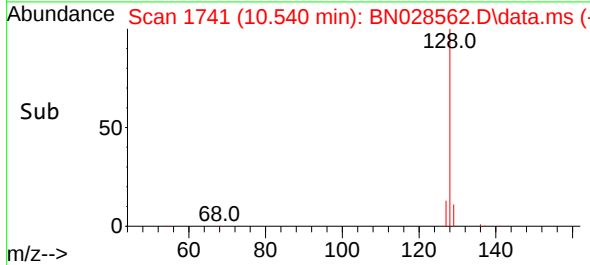
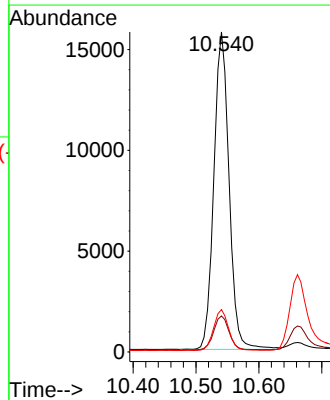
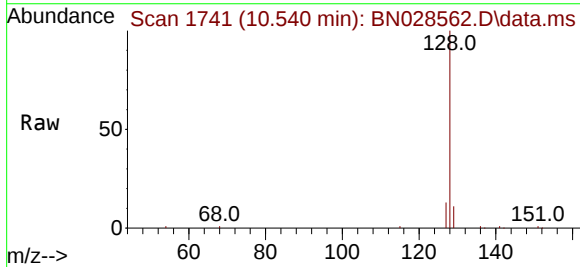
Tgt Ion:128 Resp: 26439

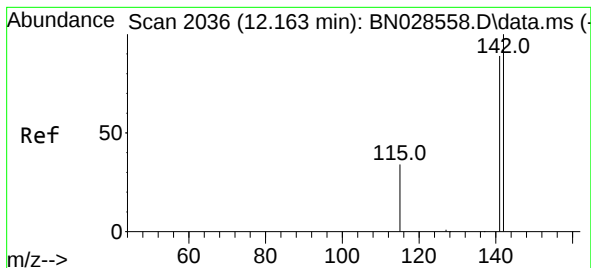
Ion Ratio Lower Upper

128 100

129 11.2 9.2 13.8

127 13.2 10.7 16.1

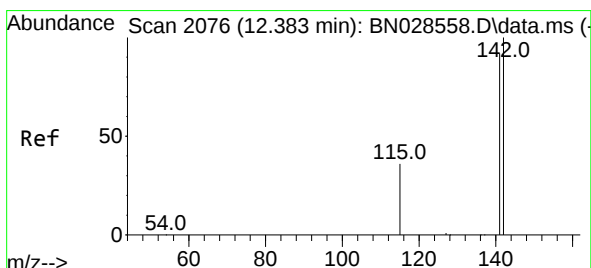
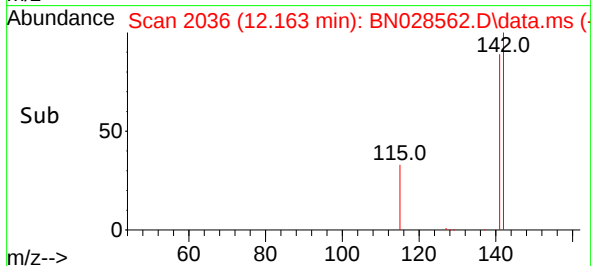
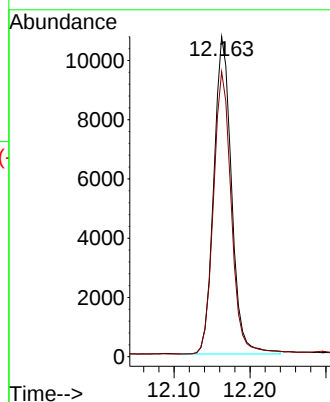
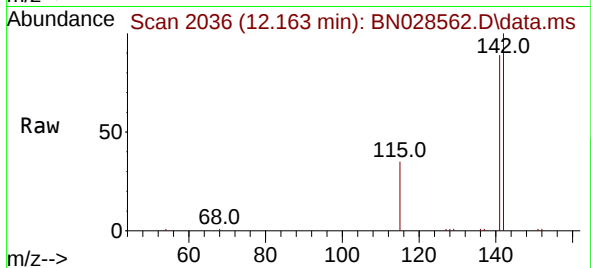




#7
2-Methylnaphthalene
Concen: 0.468 ng/ul
RT: 12.163 min Scan# 2036
Delta R.T. -0.004 min
Lab File: BN028562.D
Acq: 10 Nov 2023 17:58

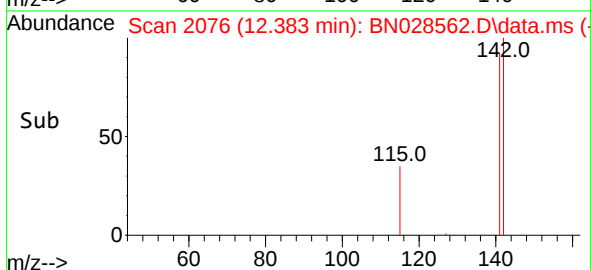
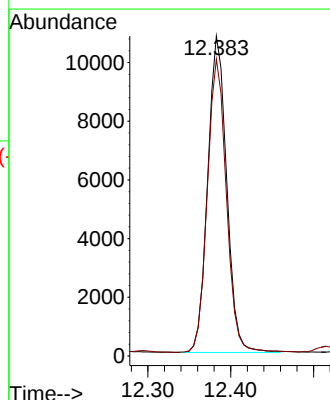
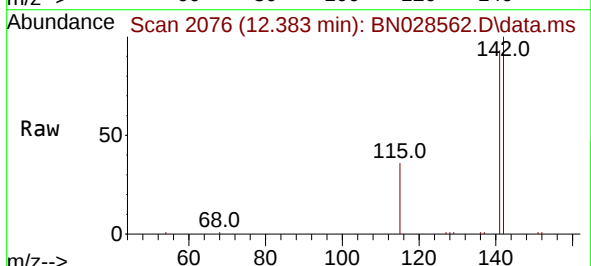
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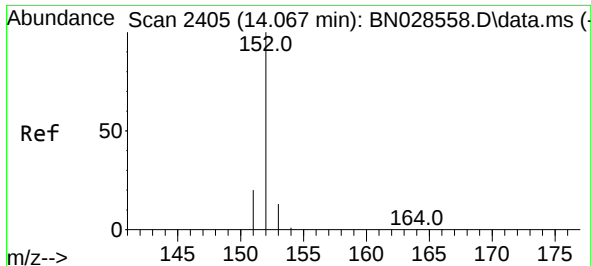
Tgt Ion:142 Resp: 17364
Ion Ratio Lower Upper
142 100
141 89.4 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.455 ng/ul
RT: 12.383 min Scan# 2076
Delta R.T. -0.004 min
Lab File: BN028562.D
Acq: 10 Nov 2023 17:58

Tgt Ion:142 Resp: 17161
Ion Ratio Lower Upper
142 100
141 93.0 74.1 111.1

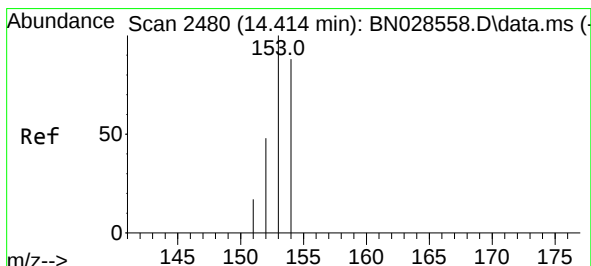
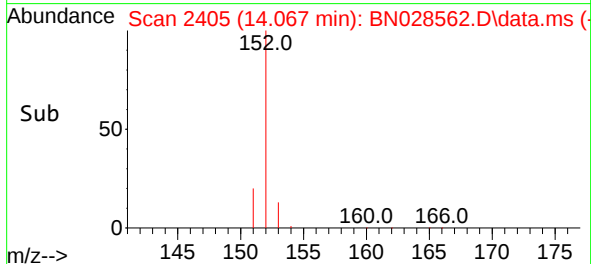
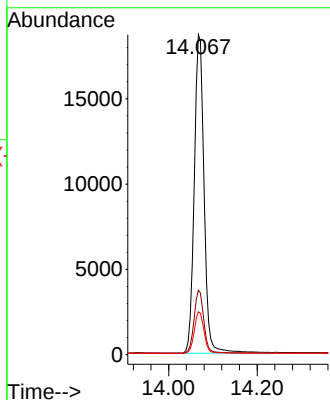
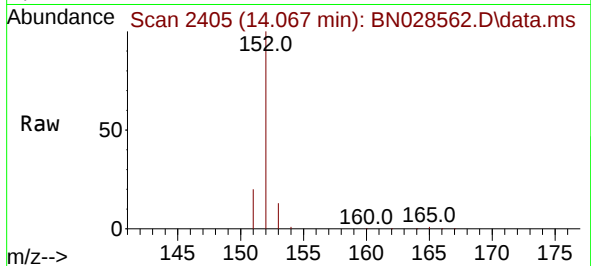




#10
Acenaphthylene
Concen: 0.478 ng/ul
RT: 14.067 min Scan# 2405
Delta R.T. -0.003 min
Lab File: BN028562.D
Acq: 10 Nov 2023 17:58

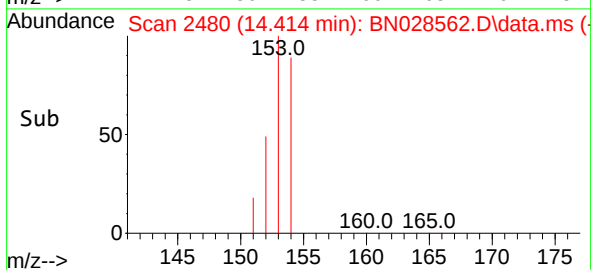
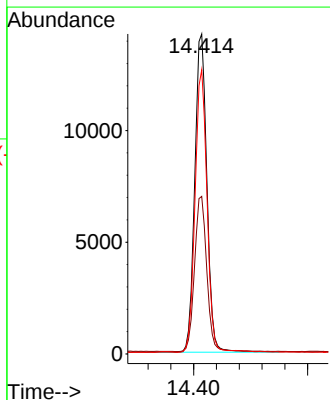
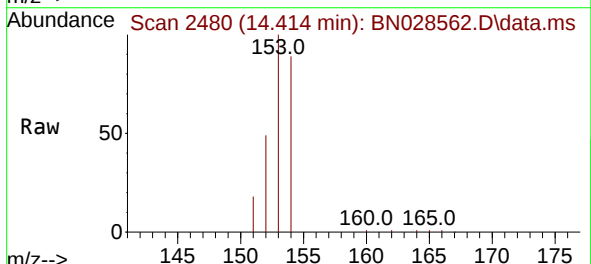
Instrument :
BNA_N
ClientSampleId :
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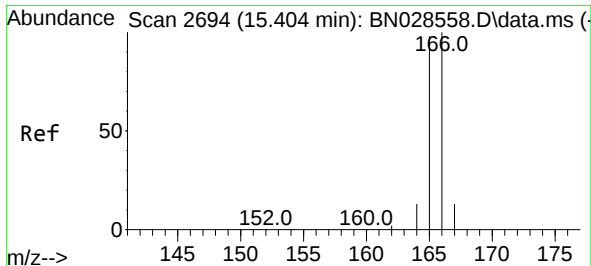
Tgt Ion:152 Resp: 28932
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.4 10.6 15.8



#11
Acenaphthene
Concen: 0.471 ng/ul
RT: 14.414 min Scan# 2480
Delta R.T. -0.003 min
Lab File: BN028562.D
Acq: 10 Nov 2023 17:58

Tgt Ion:153 Resp: 20984
Ion Ratio Lower Upper
153 100
152 49.3 39.6 59.4
154 88.8 71.0 106.6

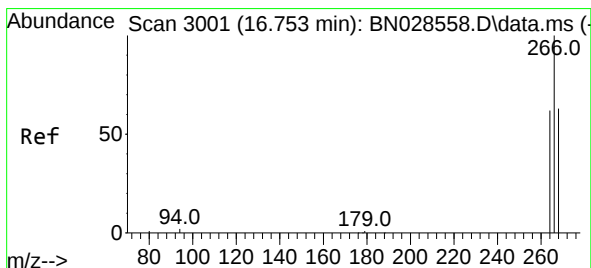
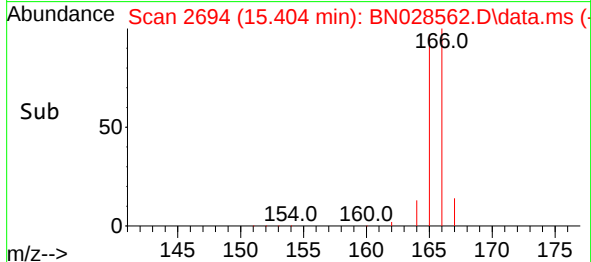
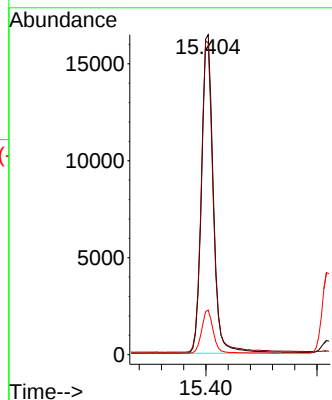
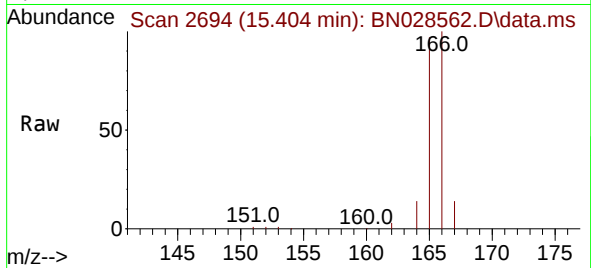




#12
Fluorene
Concen: 0.471 ng/ul
RT: 15.404 min Scan# 2694
Delta R.T. -0.003 min
Lab File: BN028562.D
Acq: 10 Nov 2023 17:58

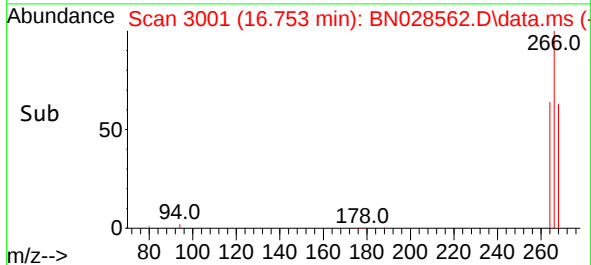
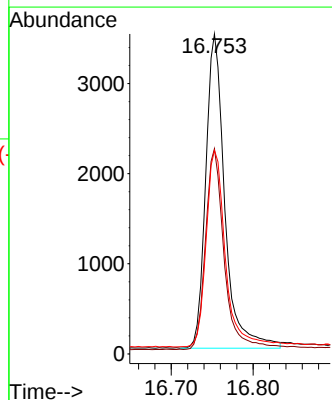
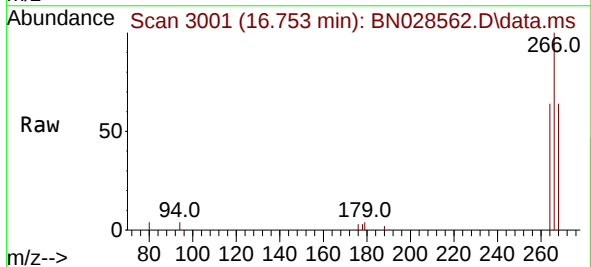
Instrument :
BNA_N
ClientSampleId :
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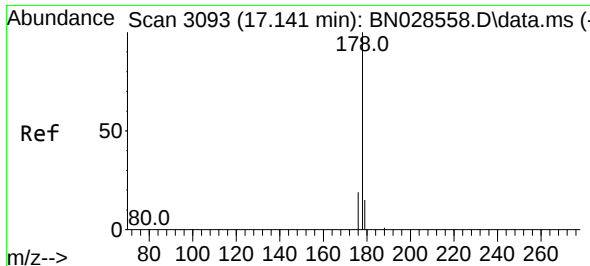
Tgt Ion:166 Resp: 24395
Ion Ratio Lower Upper
166 100
165 97.4 78.6 118.0
167 14.0 11.0 16.6



#14
Pentachlorophenol
Concen: 0.853 ng/ul
RT: 16.753 min Scan# 3001
Delta R.T. -0.003 min
Lab File: BN028562.D
Acq: 10 Nov 2023 17:58

Tgt Ion:266 Resp: 5637
Ion Ratio Lower Upper
266 100
264 62.8 50.1 75.1
268 63.8 50.6 75.8

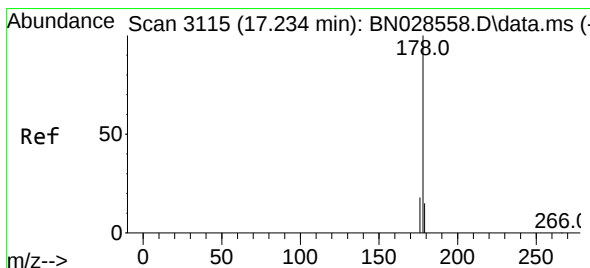
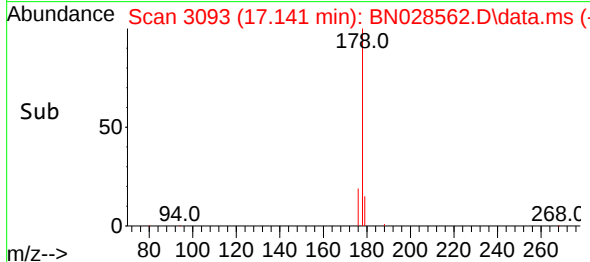
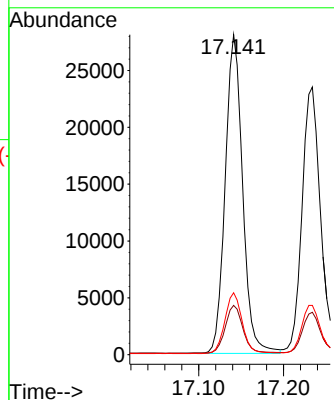
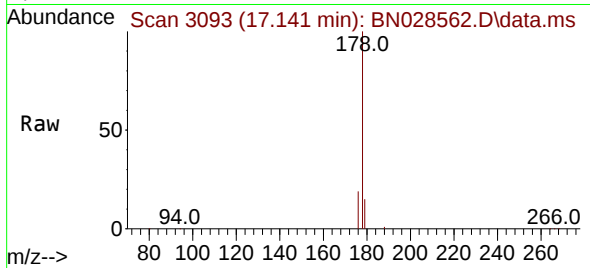




#15
Phenanthrene
Concen: 0.473 ng/ul
RT: 17.141 min Scan# 3093
Delta R.T. -0.003 min
Lab File: BN028562.D
Acq: 10 Nov 2023 17:58

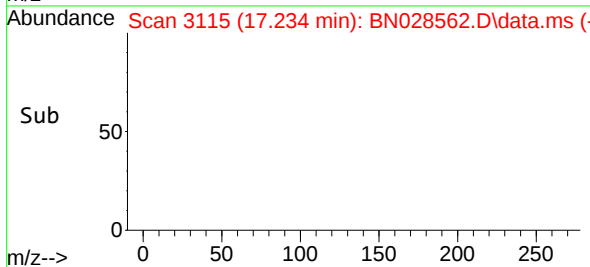
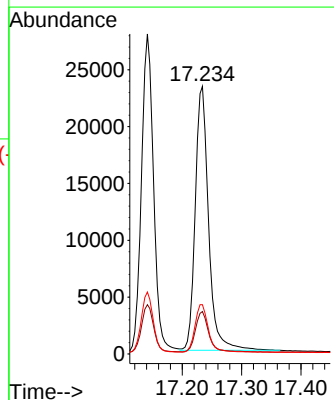
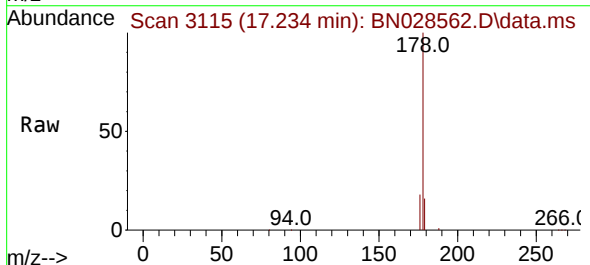
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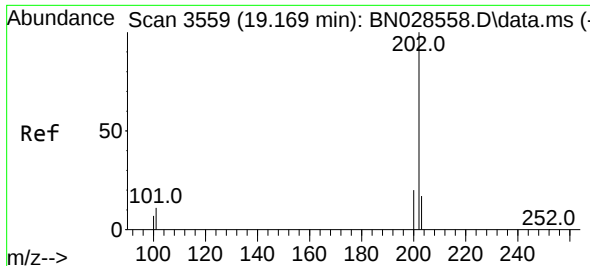
Tgt Ion:178	Resp:	39962
Ion Ratio	Lower	Upper
178	100	
179	15.4	12.4 18.6
176	19.4	15.4 23.2



#16
Anthracene
Concen: 0.468 ng/ul
RT: 17.234 min Scan# 3115
Delta R.T. -0.003 min
Lab File: BN028562.D
Acq: 10 Nov 2023 17:58

Tgt Ion:178	Resp:	36269
Ion Ratio	Lower	Upper
178	100	
179	15.8	12.6 18.8
176	18.4	14.9 22.3

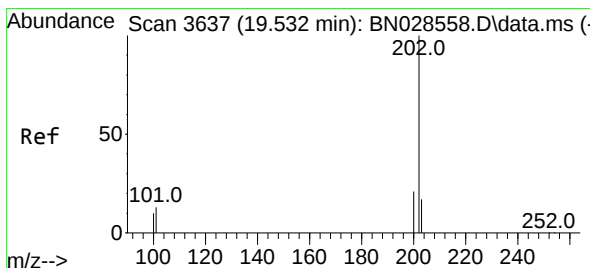
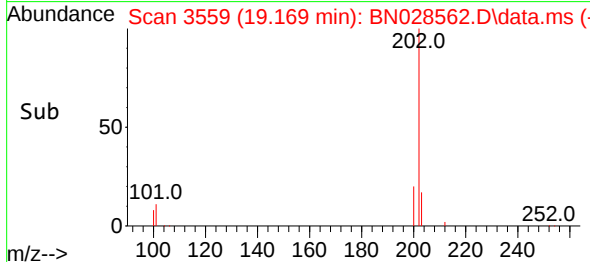
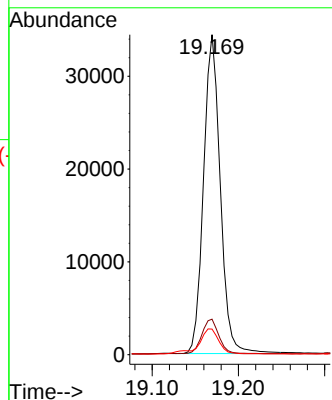
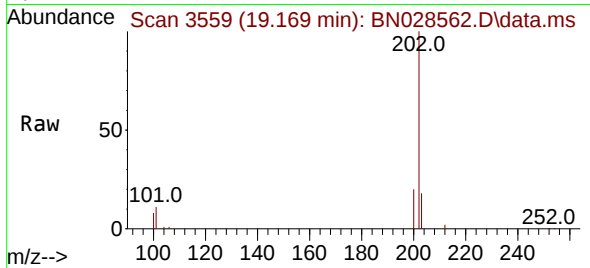




#19
Fluoranthene
Concen: 0.553 ng/u1
RT: 19.169 min Scan# 3559
Delta R.T. -0.003 min
Lab File: BN028562.D
Acq: 10 Nov 2023 17:58

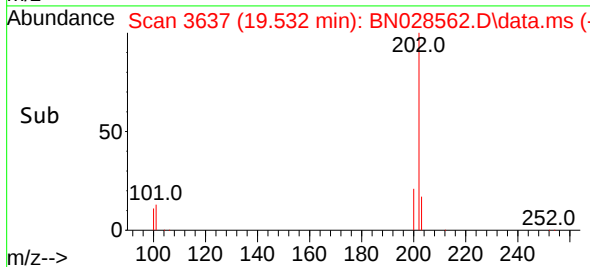
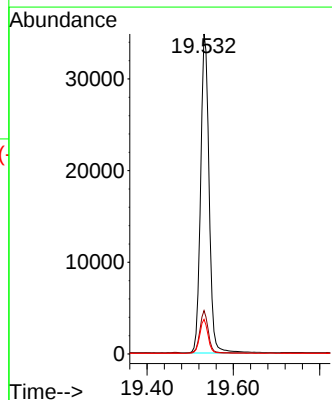
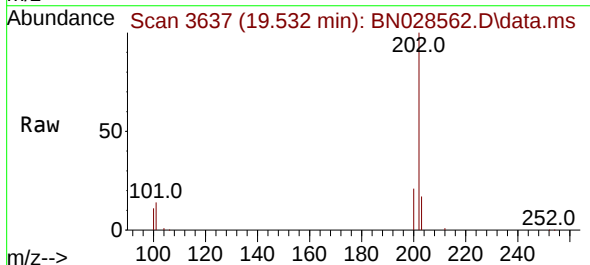
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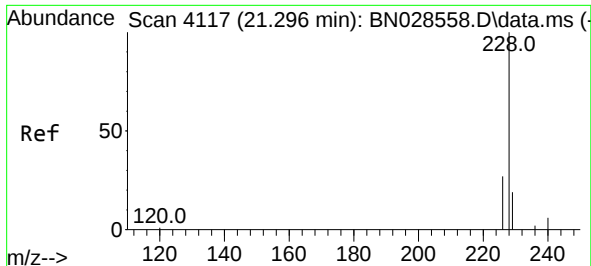
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Ion Ratio Lower Upper
202 100
101 11.1 9.5 14.3
100 8.0 7.2 10.8



#20
Pyrene
Concen: 0.548 ng/u1
RT: 19.532 min Scan# 3637
Delta R.T. -0.008 min
Lab File: BN028562.D
Acq: 10 Nov 2023 17:58

Tgt Ion:202 Resp: 47684
Ion Ratio Lower Upper
202 100
101 13.6 10.3 15.5
100 10.8 8.2 12.2

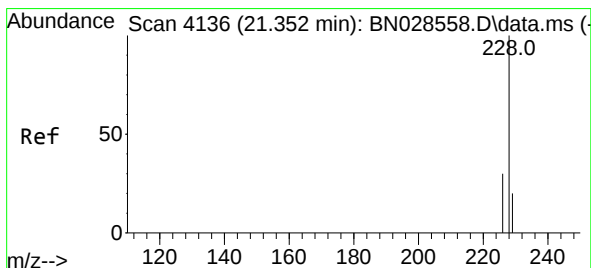
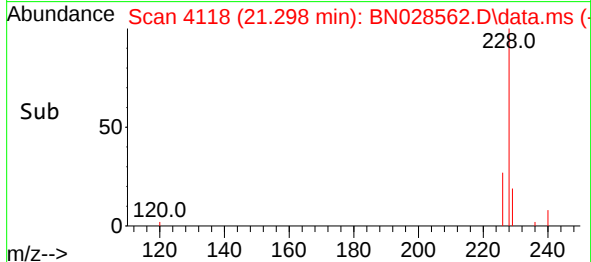
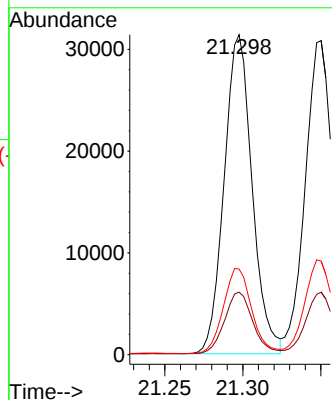
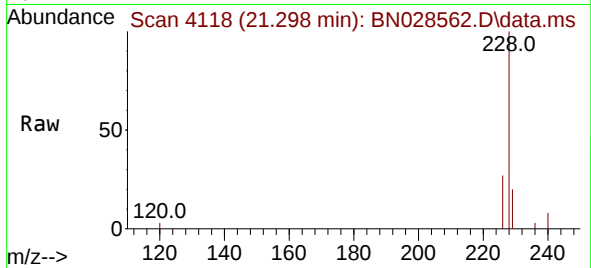




#21
Benzo(a)anthracene
Concen: 0.502 ng/ul
RT: 21.298 min Scan# 4117
Delta R.T. -0.006 min
Lab File: BN028562.D
Acq: 10 Nov 2023 17:58

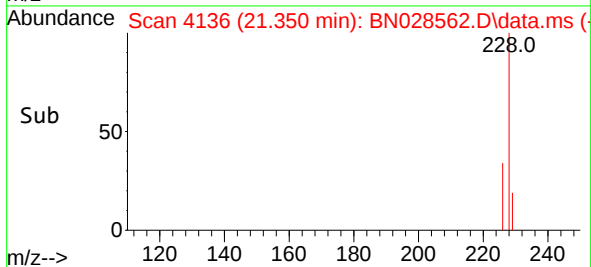
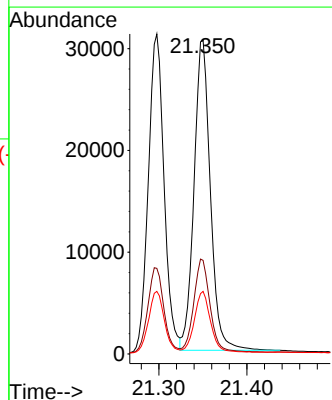
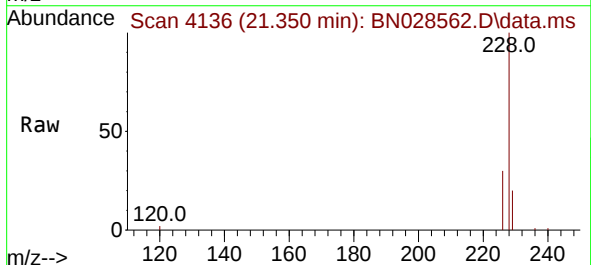
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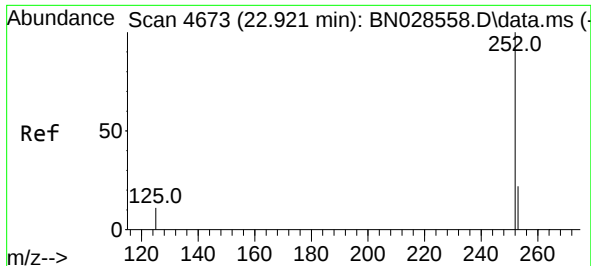
Tgt Ion:228 Resp: 39158
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 26.7 21.4 32.0



#22
Chrysene
Concen: 0.515 ng/ul
RT: 21.350 min Scan# 4136
Delta R.T. -0.006 min
Lab File: BN028562.D
Acq: 10 Nov 2023 17:58

Tgt Ion:228 Resp: 39323
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.8
229 19.9 15.4 23.2

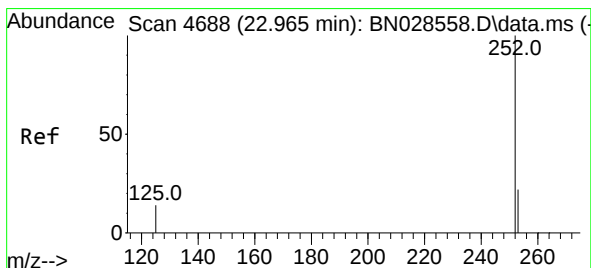
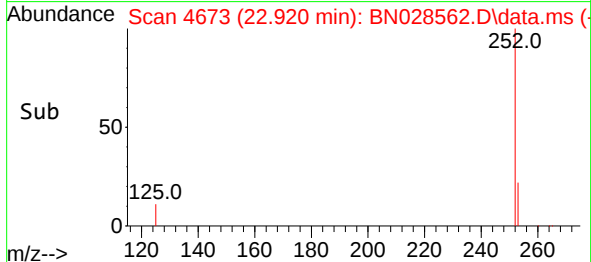
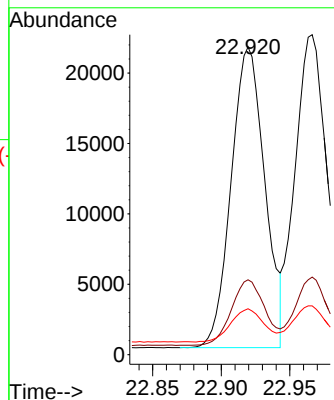
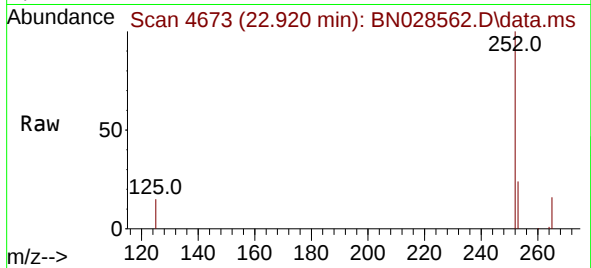




#24
Benzo(b)fluoranthene
Concen: 0.531 ng/ul
RT: 22.920 min Scan# 4673
Delta R.T. -0.009 min
Lab File: BN028562.D
Acq: 10 Nov 2023 17:58

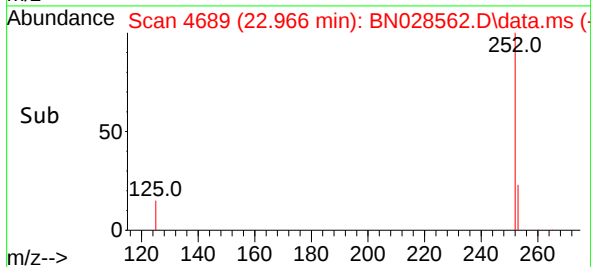
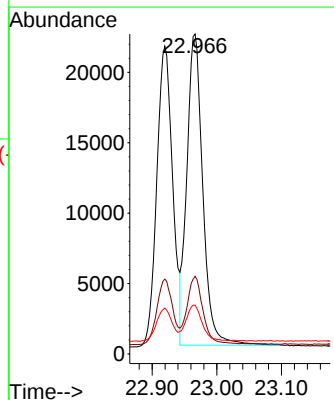
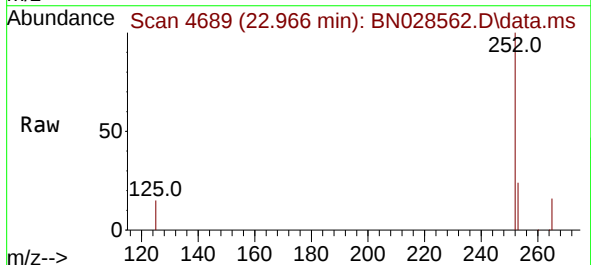
Instrument :
BNA_N
ClientSampleId :
SLCS720

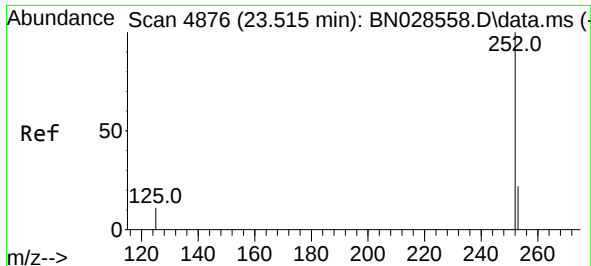
Tgt Ion:252 Resp: 36438
Ion Ratio Lower Upper
252 100
253 24.3 0.0 46.6
125 14.9 0.0 27.6



#25
Benzo(k)fluoranthene
Concen: 0.527 ng/ul
RT: 22.966 min Scan# 4689
Delta R.T. -0.009 min
Lab File: BN028562.D
Acq: 10 Nov 2023 17:58

Tgt Ion:252 Resp: 37889
Ion Ratio Lower Upper
252 100
253 24.2 18.6 28.0
125 15.2 12.7 19.1

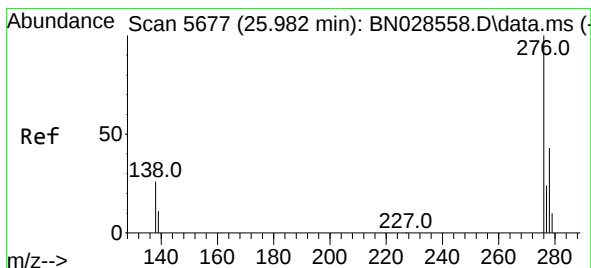
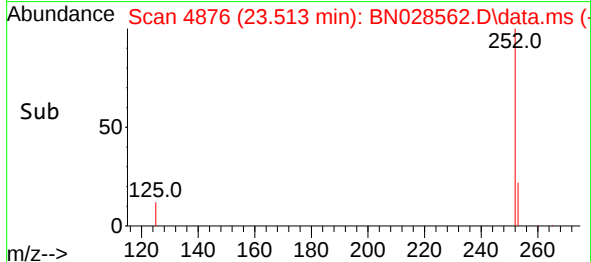
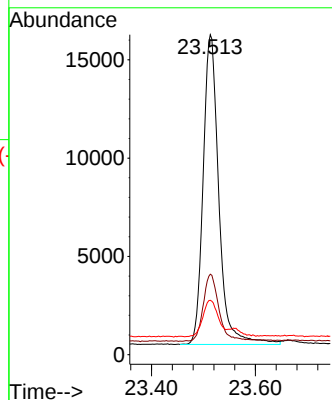
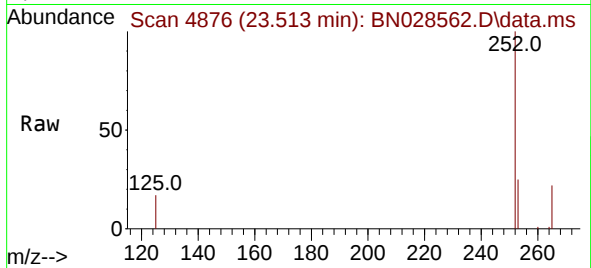




#26
Benzo(a)pyrene
Concen: 0.510 ng/ul
RT: 23.513 min Scan# 4876
Delta R.T. -0.012 min
Lab File: BN028562.D
Acq: 10 Nov 2023 17:58

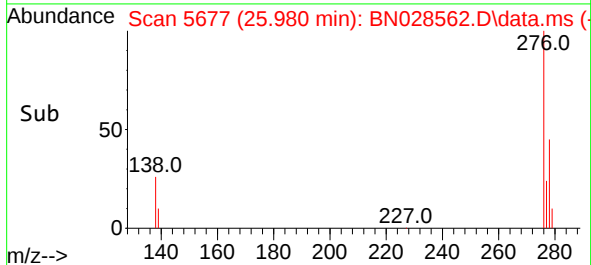
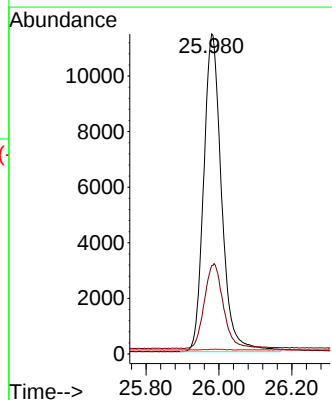
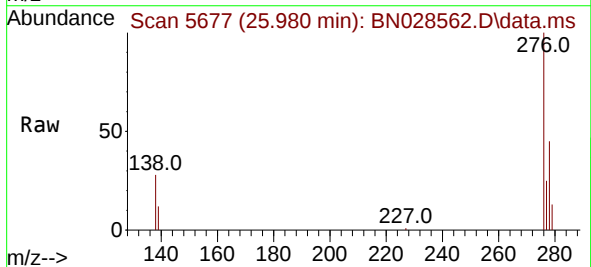
Instrument :
BNA_N
ClientSampleId :
SLCS720

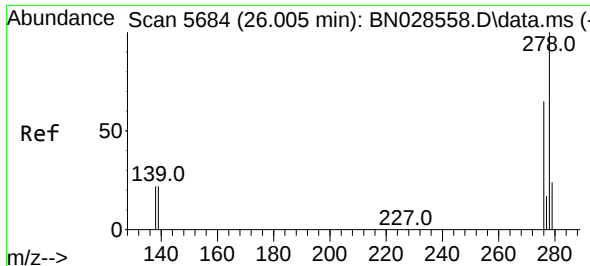
Tgt Ion:252 Resp: 33045
Ion Ratio Lower Upper
252 100
253 25.2 19.0 28.6
125 17.0 13.2 19.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.543 ng/ul
RT: 25.980 min Scan# 5677
Delta R.T. -0.013 min
Lab File: BN028562.D
Acq: 10 Nov 2023 17:58

Tgt Ion:276 Resp: 39015
Ion Ratio Lower Upper
276 100
138 28.6 23.8 35.6
227 0.2 0.1 0.1#

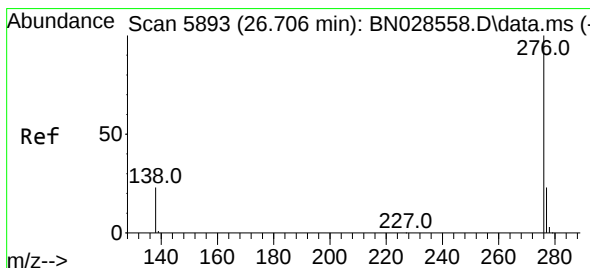
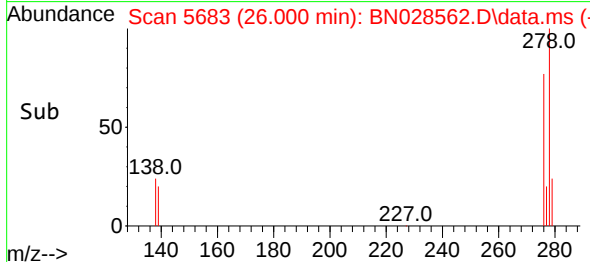
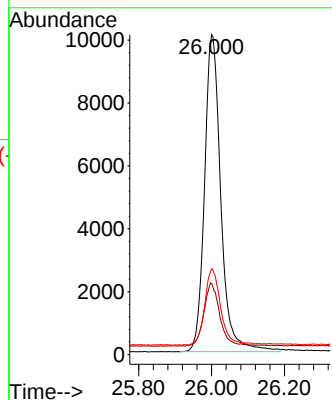
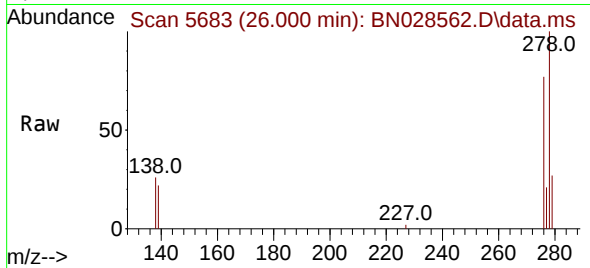




#28
Dibenzo(a,h)anthracene
Concen: 0.545 ng/ul
RT: 26.000 min Scan# 5684
Delta R.T. -0.017 min
Lab File: BN028562.D
Acq: 10 Nov 2023 17:58

Instrument :
BNA_N
ClientSampleId :
SLCS720

Tgt Ion:278 Resp: 31324
Ion Ratio Lower Upper
278 100
139 22.2 18.2 27.4
279 26.9 20.7 31.1



#29
Benzo(g,h,i)perylene
Concen: 0.550 ng/ul
RT: 26.705 min Scan# 5893
Delta R.T. -0.013 min
Lab File: BN028562.D
Acq: 10 Nov 2023 17:58

Tgt Ion:276 Resp: 32411
Ion Ratio Lower Upper
276 100
138 25.5 20.5 30.7
277 24.7 19.4 29.0

