

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
 Data File : BN024695.D
 Acq On : 01 Apr 2023 00:47
 Operator : CG/JU
 Sample : PB151732BS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS732

Quant Time: Apr 01 01:49:21 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 01 01:00:20 2023
 Response via : Initial Calibration

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

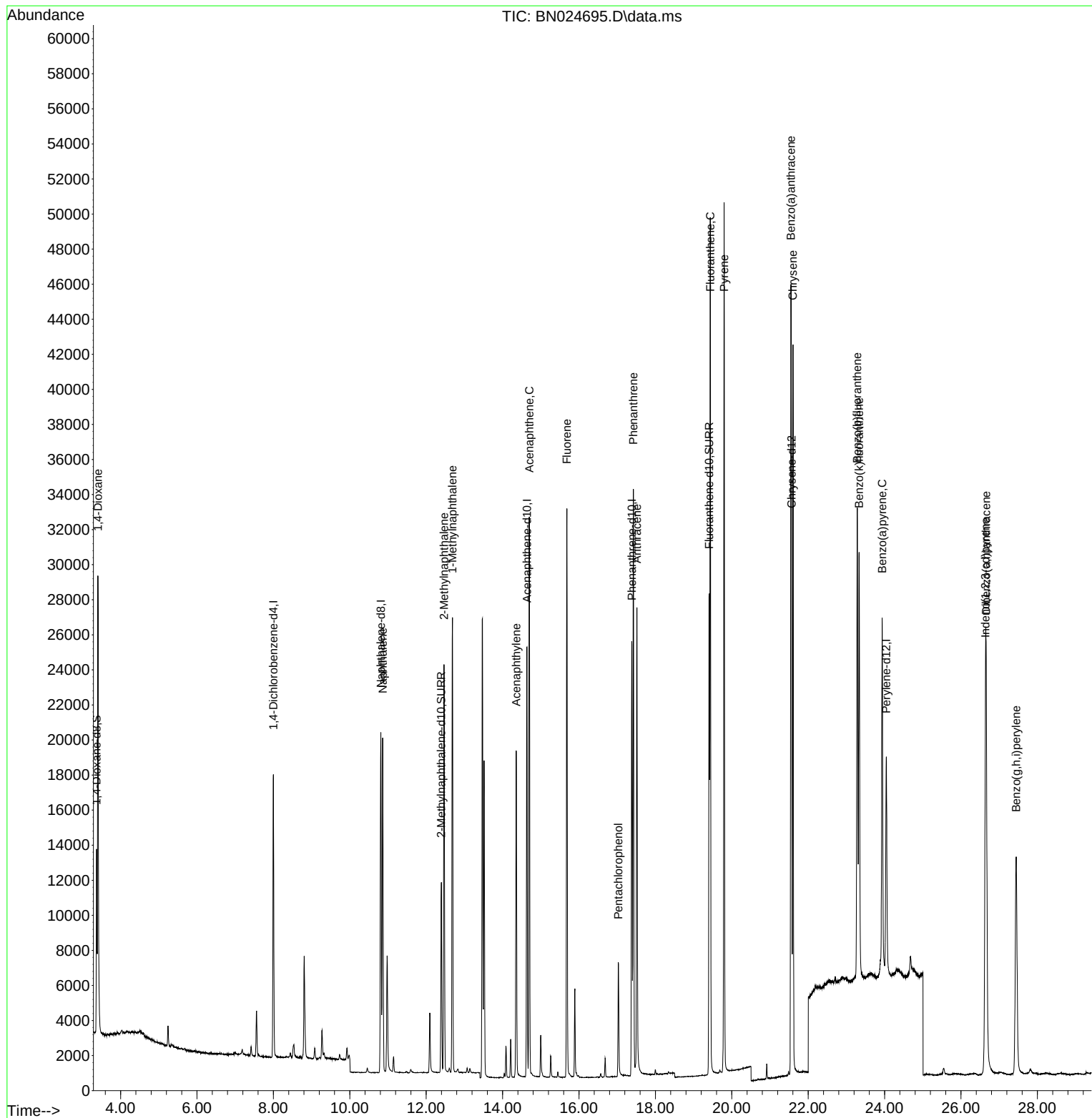
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	8297	0.400	ng/u1	0.00
4) Naphthalene-d8	10.812	136	25184	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.638	164	13715	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.384	188	29162	0.400	ng/u1	0.00
17) Chrysene-d12	21.565	240	22042	0.400	ng/u1	0.00
23) Perylene-d12	24.041	264	18528	0.400	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	6090	0.715	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.396	152	13635	0.439	ng/u1	0.00
18) Fluoranthene-d10	19.408	212	29386	0.545	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.406	88	16530	1.845	ng/u1	92
5) Naphthalene	10.861	128	25655	0.415	ng/u1	100
7) 2-Methylnaphthalene	12.467	142	16259	0.422	ng/u1	100
8) 1-Methylnaphthalene	12.687	142	17462	0.434	ng/u1	100
10) Acenaphthylene	14.356	152	21777	0.449	ng/u1	100
11) Acenaphthene	14.698	153	18385	0.437	ng/u1	100
12) Fluorene	15.684	166	20978	0.437	ng/u1	98
14) Pentachlorophenol	17.033	266	4587	0.727	ng/u1	99
15) Phenanthrene	17.422	178	35673	0.446	ng/u1	99
16) Anthracene	17.515	178	30389	0.455	ng/u1	100
19) Fluoranthene	19.436	202	40295	0.519	ng/u1	99
20) Pyrene	19.799	202	40881	0.517	ng/u1	98
21) Benzo(a)anthracene	21.548	228	35687	0.539	ng/u1	99
22) Chrysene	21.600	228	37623	0.517	ng/u1	100
24) Benzo(b)fluoranthene	23.284	252	36086	0.469	ng/u1	99
25) Benzo(k)fluoranthene	23.334	252	34038	0.460	ng/u1	100
26) Benzo(a)pyrene	23.936	252	29340	0.485	ng/u1	98
27) Indeno(1,2,3-cd)pyrene	26.639	276	32926	0.457	ng/u1	98
28) Dibenzo(a,h)anthracene	26.660	278	26081	0.452	ng/u1	98
29) Benzo(g,h,i)perylene	27.444	276	27431	0.442	ng/u1	99

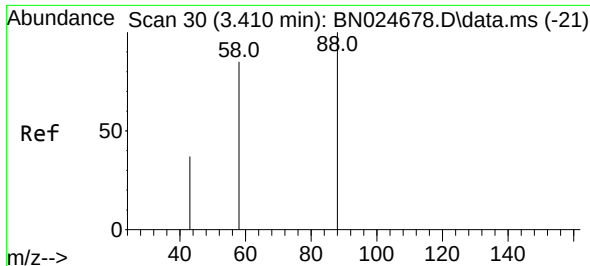
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.845 ng/ul

RT: 3.406 min Scan# 29

Delta R.T. -0.004 min

Lab File: BN024695.D

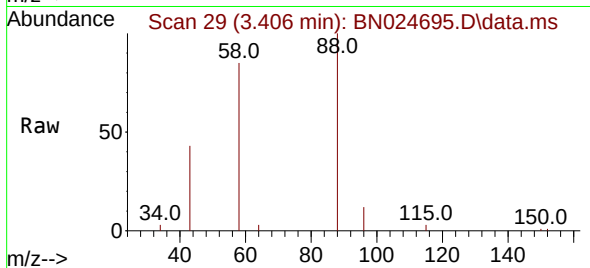
Acq: 01 Apr 2023 00:47

Instrument :

BNA_N

ClientSampleId :

SLCS732



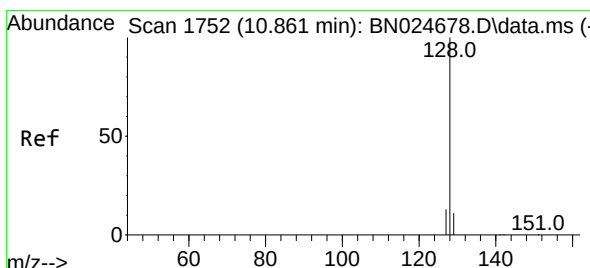
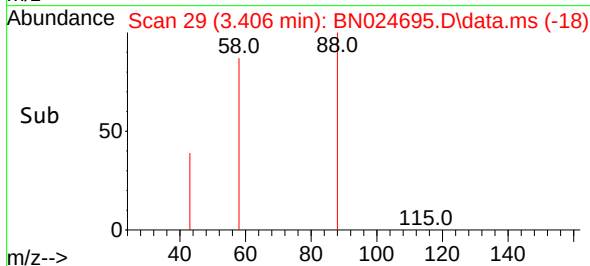
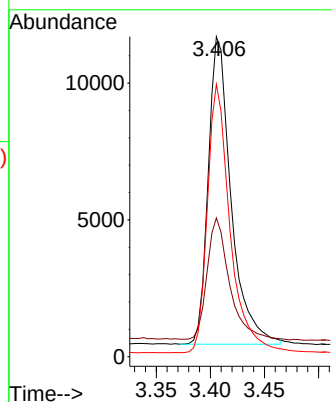
Tgt Ion: 88 Resp: 16530

Ion Ratio Lower Upper

88 100

43 43.3 37.2 55.8

58 85.1 61.5 92.3



#5

Naphthalene

Concen: 0.415 ng/ul

RT: 10.861 min Scan# 1752

Delta R.T. -0.000 min

Lab File: BN024695.D

Acq: 01 Apr 2023 00:47

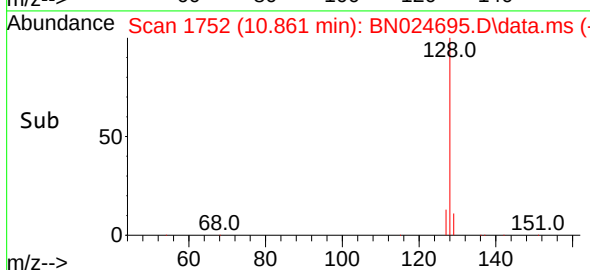
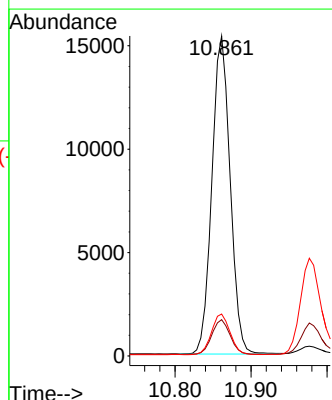
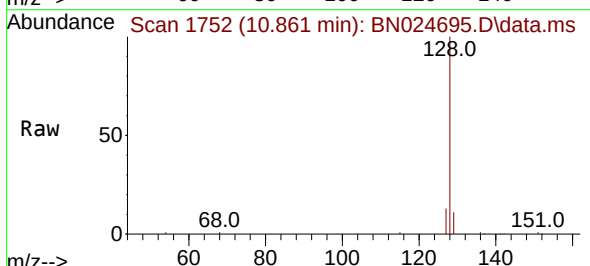
Tgt Ion: 128 Resp: 25655

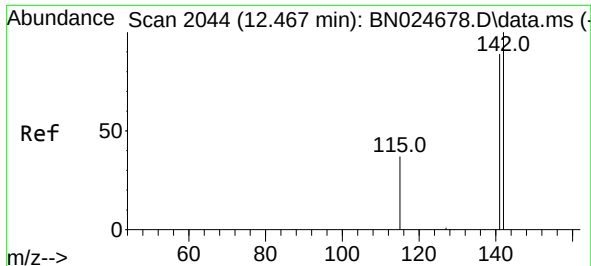
Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

127 13.1 10.5 15.7

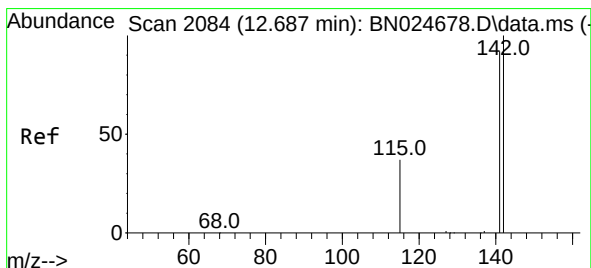
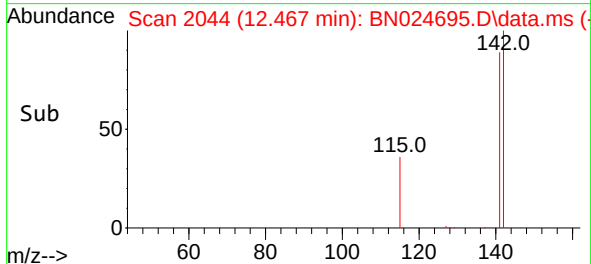
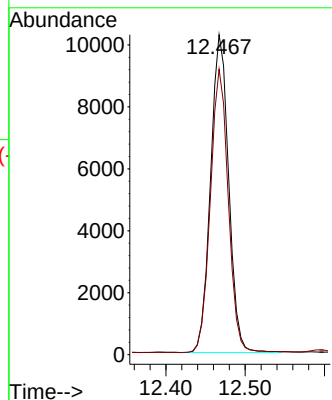
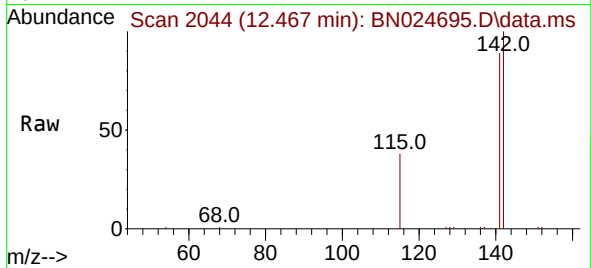




#7
2-Methylnaphthalene
Concen: 0.422 ng/ul
RT: 12.467 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BN024695.D
Acq: 01 Apr 2023 00:47

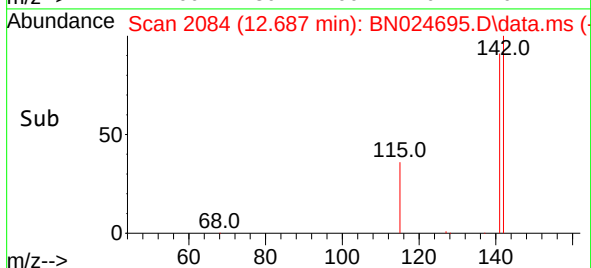
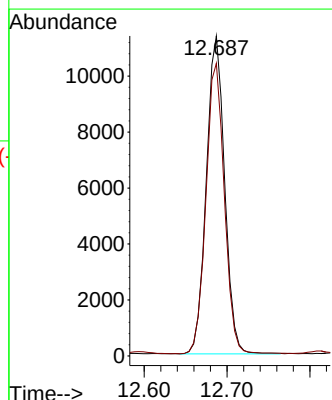
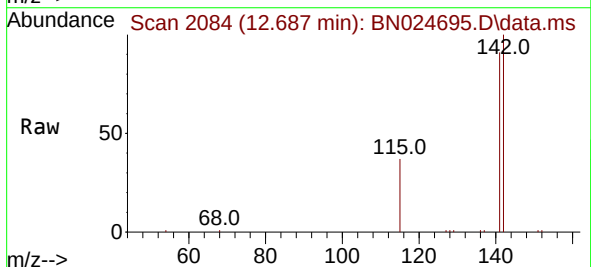
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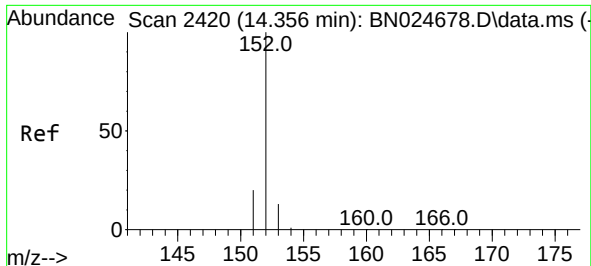
Tgt Ion:142 Resp: 16259
Ion Ratio Lower Upper
142 100
141 88.3 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.434 ng/ul
RT: 12.687 min Scan# 2084
Delta R.T. -0.000 min
Lab File: BN024695.D
Acq: 01 Apr 2023 00:47

Tgt Ion:142 Resp: 17462
Ion Ratio Lower Upper
142 100
141 91.6 73.5 110.3

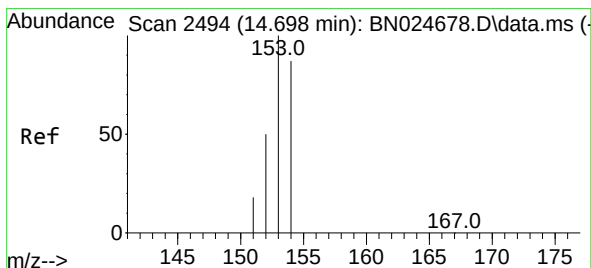
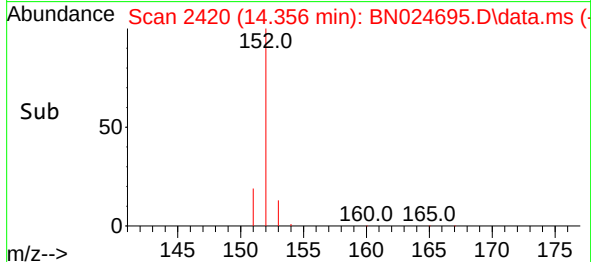
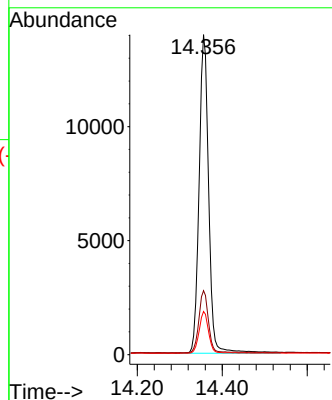
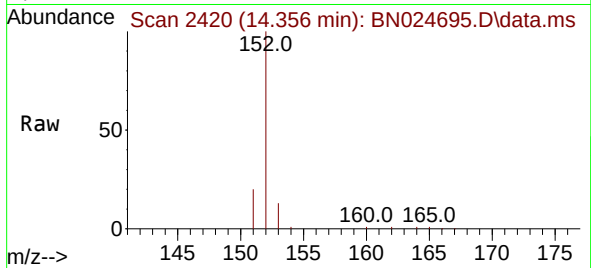




#10
Acenaphthylene
Concen: 0.449 ng/ul
RT: 14.356 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BN024695.D
Acq: 01 Apr 2023 00:47

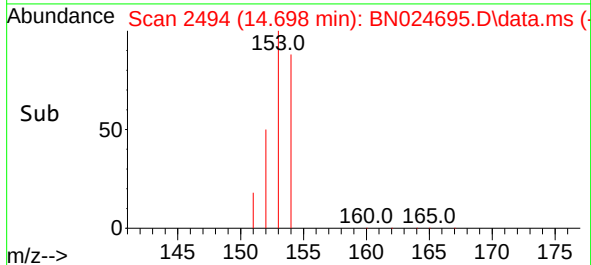
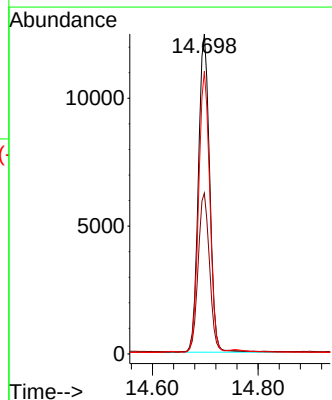
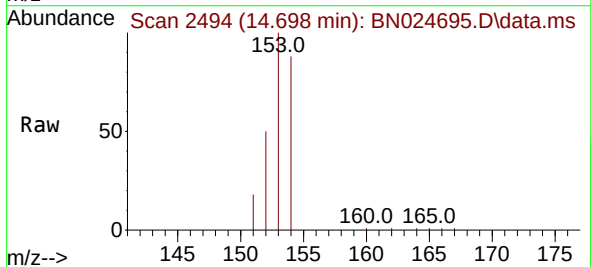
Instrument :
BNA_N
ClientSampleId :
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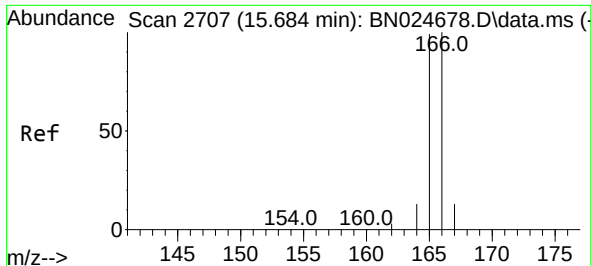
Tgt Ion:152 Resp: 21777
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.5 10.6 16.0



#11
Acenaphthene
Concen: 0.437 ng/ul
RT: 14.698 min Scan# 2494
Delta R.T. -0.000 min
Lab File: BN024695.D
Acq: 01 Apr 2023 00:47

Tgt Ion:153 Resp: 18385
Ion Ratio Lower Upper
153 100
152 50.2 40.3 60.5
154 88.4 71.0 106.4

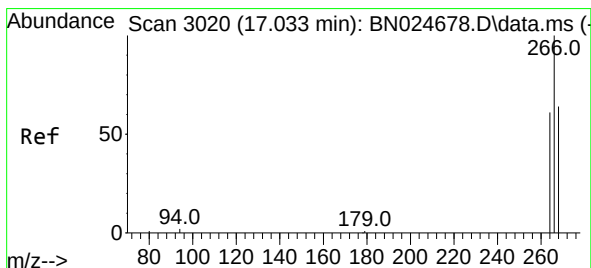
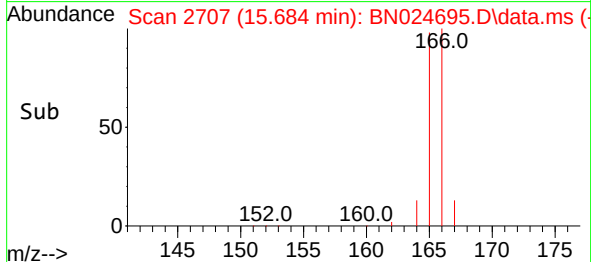
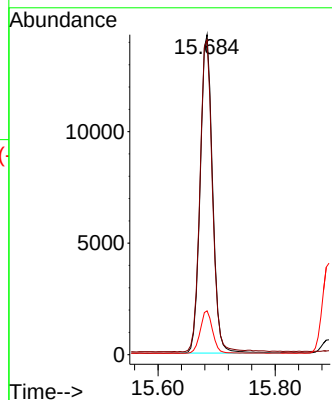
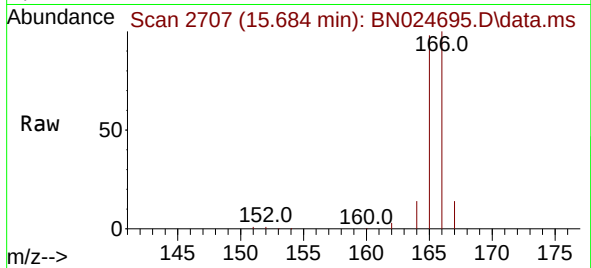




#12
 Fluorene
 Concen: 0.437 ng/ul
 RT: 15.684 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN024695.D
 Acq: 01 Apr 2023 00:47

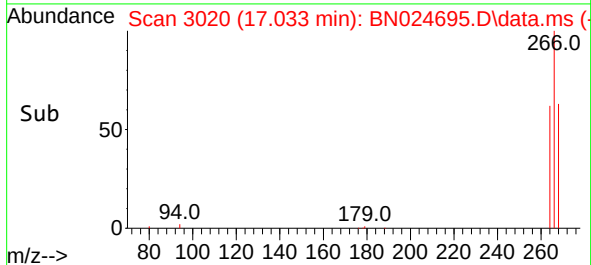
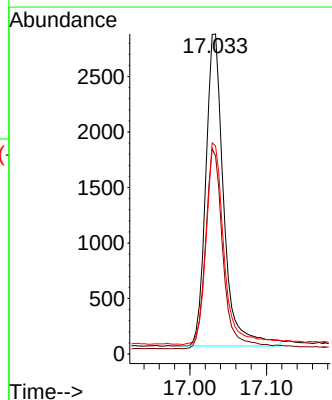
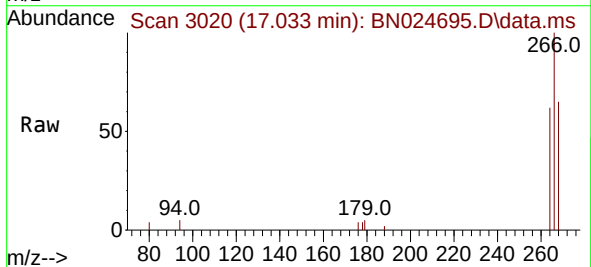
Instrument :
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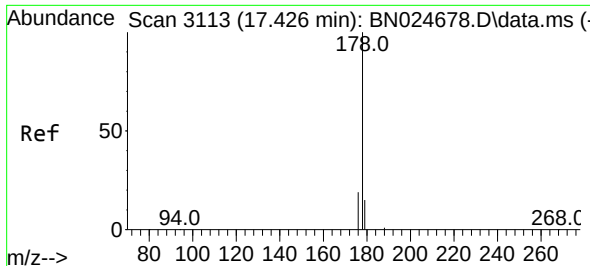
Tgt Ion:166 Resp: 20978
 Ion Ratio Lower Upper
 166 100
 165 98.3 80.0 120.0
 167 13.7 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.727 ng/ul
 RT: 17.033 min Scan# 3020
 Delta R.T. 0.000 min
 Lab File: BN024695.D
 Acq: 01 Apr 2023 00:47

Tgt Ion:266 Resp: 4587
 Ion Ratio Lower Upper
 266 100
 264 62.8 49.6 74.4
 268 64.3 52.6 78.8

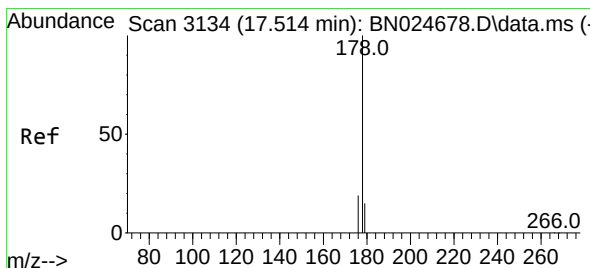
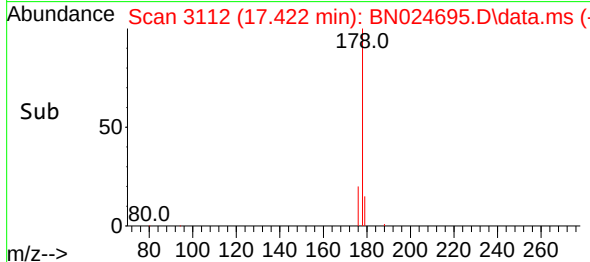
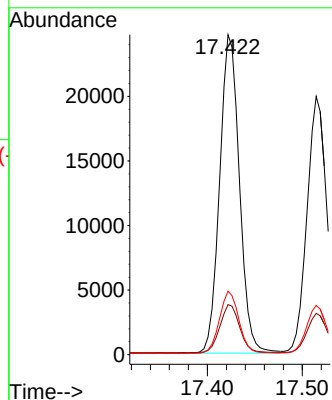
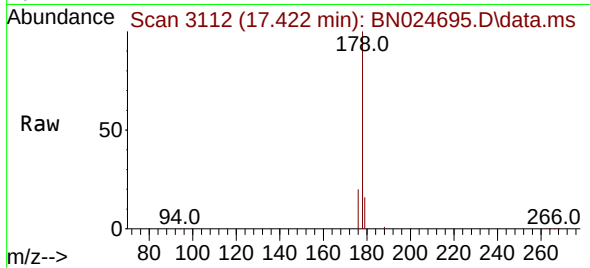




#15
Phenanthrene
Concen: 0.446 ng/ul
RT: 17.422 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BN024695.D
Acq: 01 Apr 2023 00:47

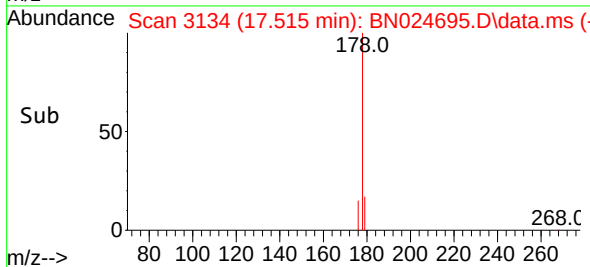
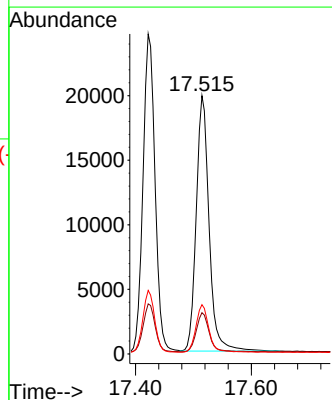
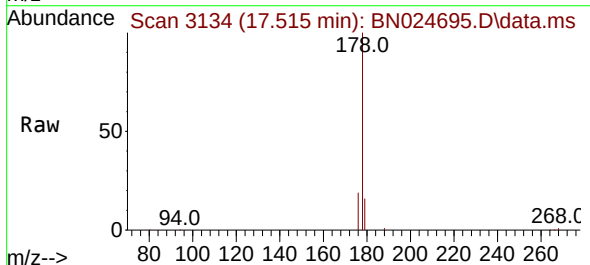
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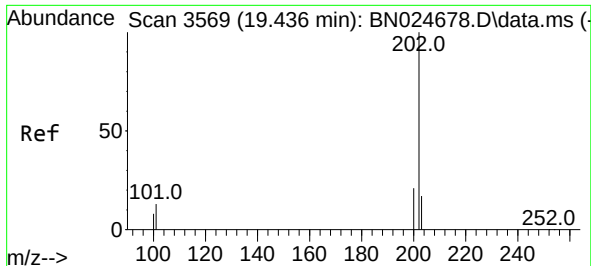
Tgt Ion:178 Resp: 35673
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 19.9 15.5 23.3



#16
Anthracene
Concen: 0.455 ng/ul
RT: 17.515 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BN024695.D
Acq: 01 Apr 2023 00:47

Tgt Ion:178 Resp: 30389
Ion Ratio Lower Upper
178 100
179 16.0 12.7 19.1
176 19.1 15.2 22.8

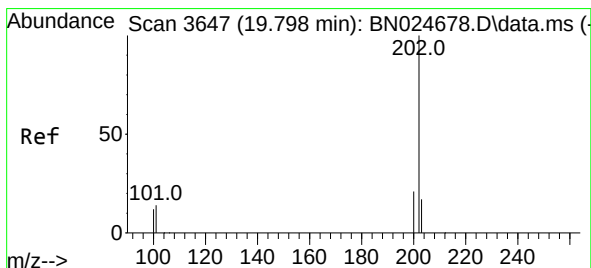
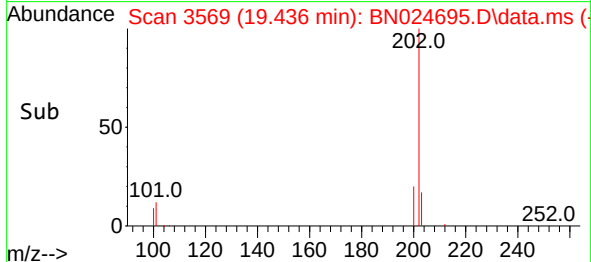
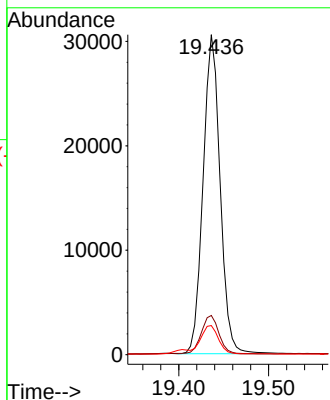
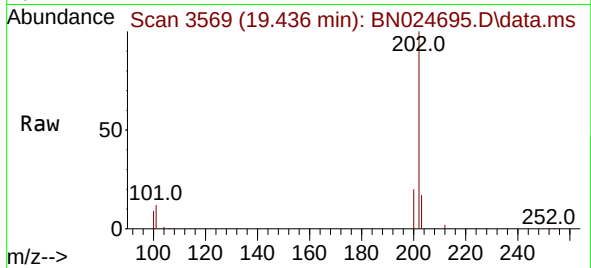




#19
Fluoranthene
Concen: 0.519 ng/ul
RT: 19.436 min Scan# 3569
Delta R.T. 0.000 min
Lab File: BN024695.D
Acq: 01 Apr 2023 00:47

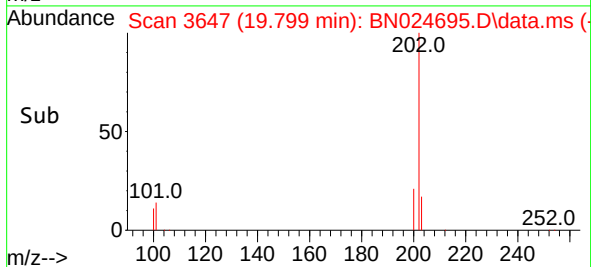
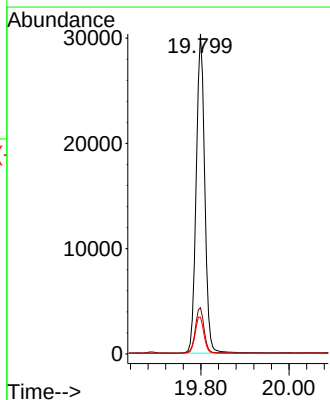
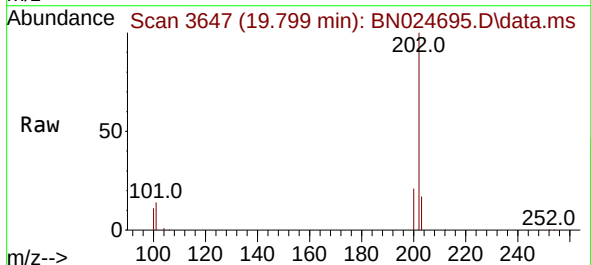
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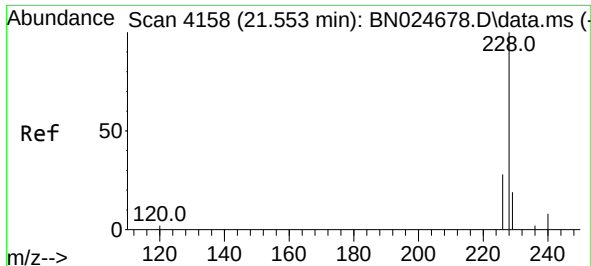
Tgt Ion:202 Resp: 40295
Ion Ratio Lower Upper
202 100
101 12.2 9.6 14.4
100 9.1 7.0 10.6



#20
Pyrene
Concen: 0.517 ng/ul
RT: 19.799 min Scan# 3647
Delta R.T. 0.000 min
Lab File: BN024695.D
Acq: 01 Apr 2023 00:47

Tgt Ion:202 Resp: 40881
Ion Ratio Lower Upper
202 100
101 14.5 10.9 16.3
100 11.5 8.7 13.1

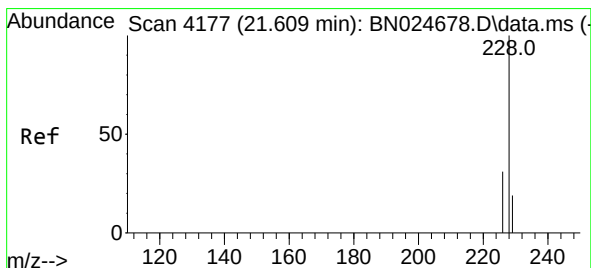
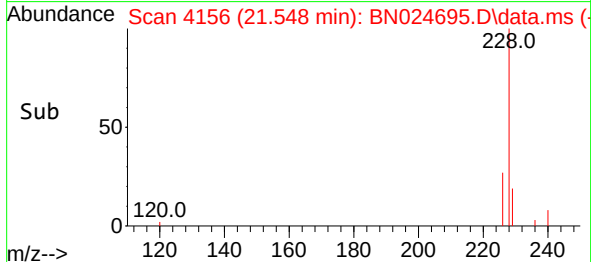
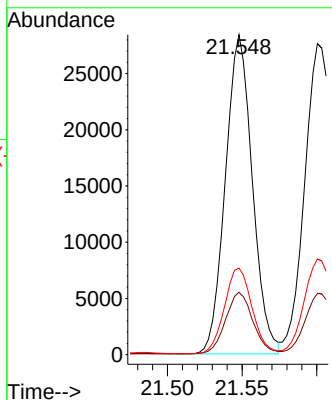
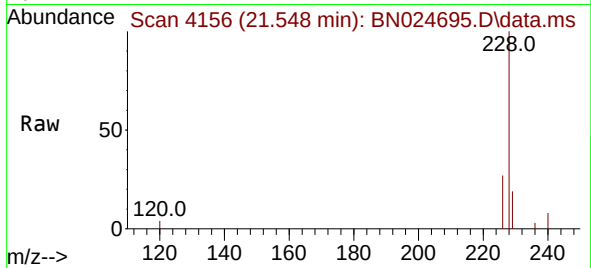




#21
Benzo(a)anthracene
Concen: 0.539 ng/ul
RT: 21.548 min Scan# 4158
Delta R.T. -0.006 min
Lab File: BN024695.D
Acq: 01 Apr 2023 00:47

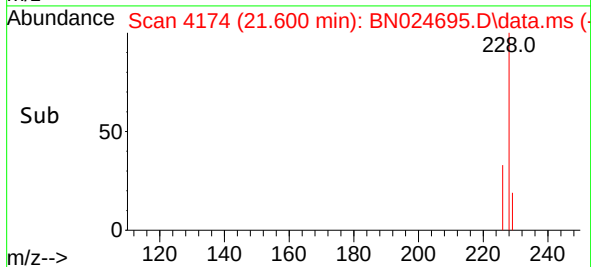
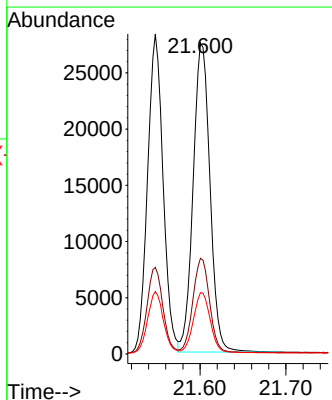
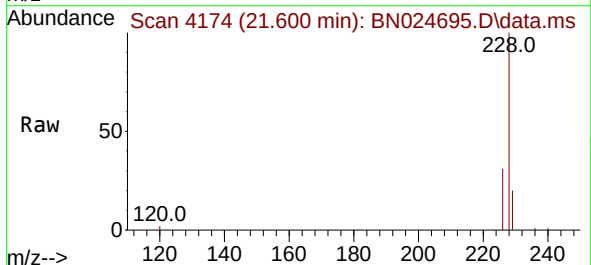
Instrument :
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ClientSampleId :
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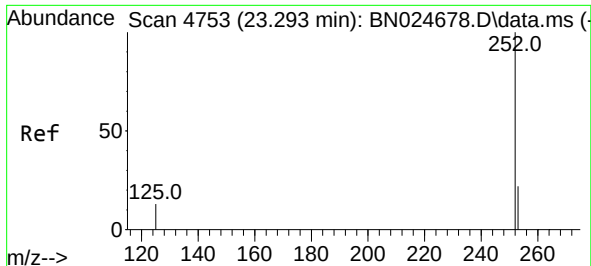
Tgt Ion:228 Resp: 35687
Ion Ratio Lower Upper
228 100
229 19.5 15.6 23.4
226 27.1 22.5 33.7



#22
Chrysene
Concen: 0.517 ng/ul
RT: 21.600 min Scan# 4174
Delta R.T. -0.008 min
Lab File: BN024695.D
Acq: 01 Apr 2023 00:47

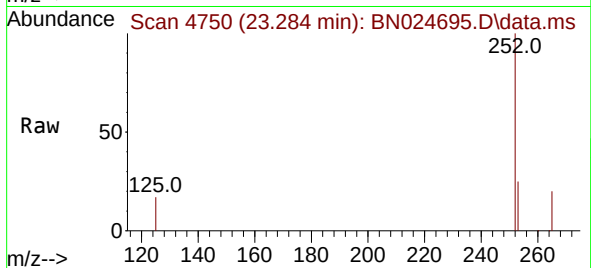
Tgt Ion:228 Resp: 37623
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 19.7 15.6 23.4



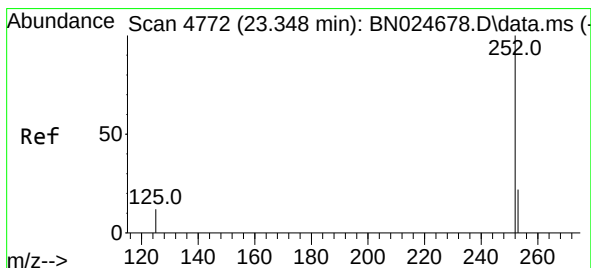
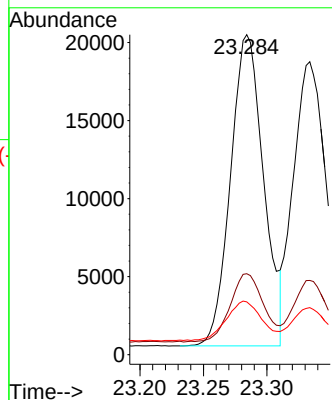
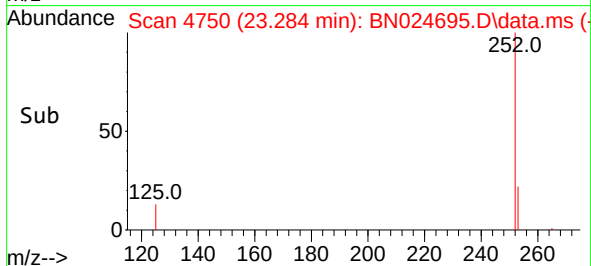


#24
Benzo(b)fluoranthene
Concen: 0.469 ng/ul
RT: 23.284 min Scan# 4750
Delta R.T. -0.008 min
Lab File: BN024695.D
Acq: 01 Apr 2023 00:47

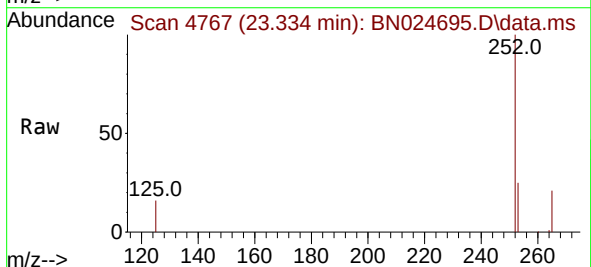
Instrument :
BNA_N
ClientSampleId :
SLCS732



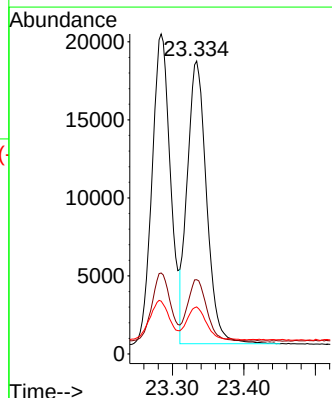
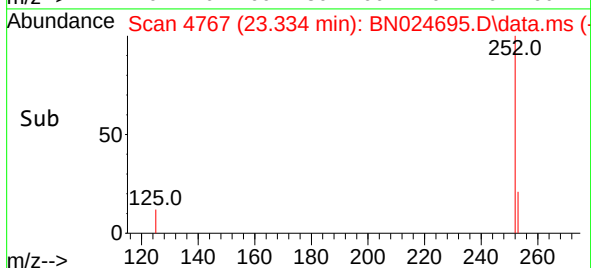
Tgt Ion:252 Resp: 36086
Ion Ratio Lower Upper
252 100
253 25.3 0.0 49.6
125 16.5 0.0 32.4

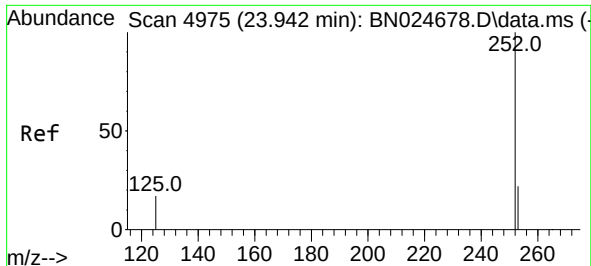


#25
Benzo(k)fluoranthene
Concen: 0.460 ng/ul
RT: 23.334 min Scan# 4767
Delta R.T. -0.014 min
Lab File: BN024695.D
Acq: 01 Apr 2023 00:47



Tgt Ion:252 Resp: 34038
Ion Ratio Lower Upper
252 100
253 25.3 20.2 30.2
125 16.1 13.1 19.7

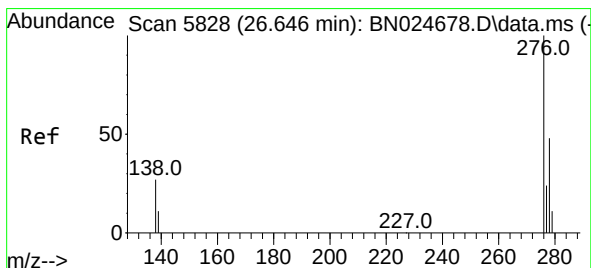
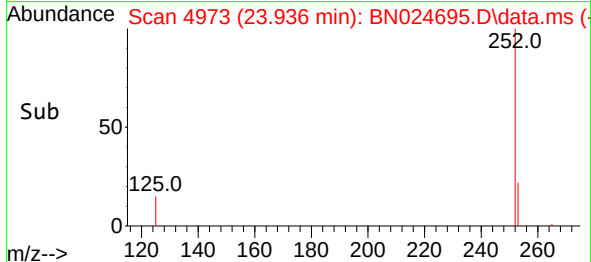
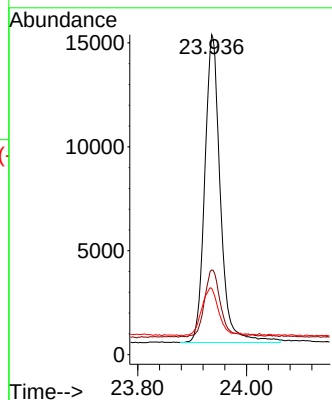
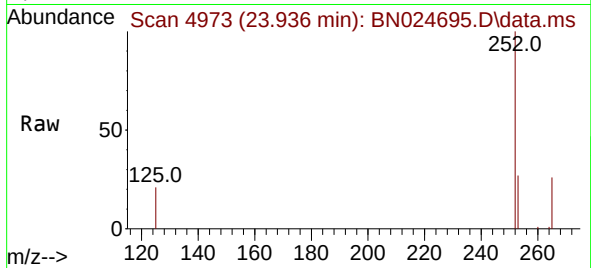




#26
Benzo(a)pyrene
Concen: 0.485 ng/ul
RT: 23.936 min Scan# 4973
Delta R.T. -0.006 min
Lab File: BN024695.D
Acq: 01 Apr 2023 00:47

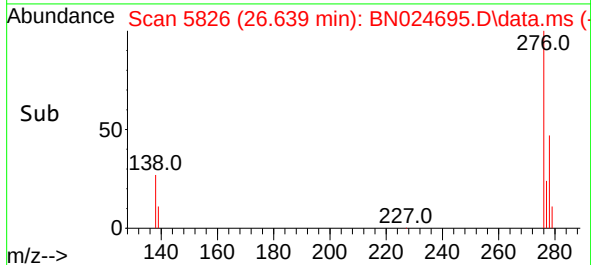
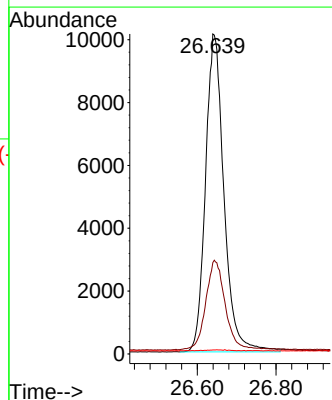
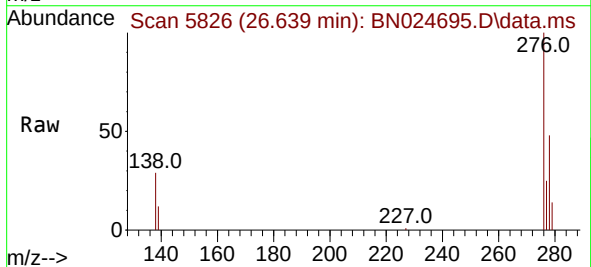
Instrument :
BNA_N
ClientSampleId :
SLCS732

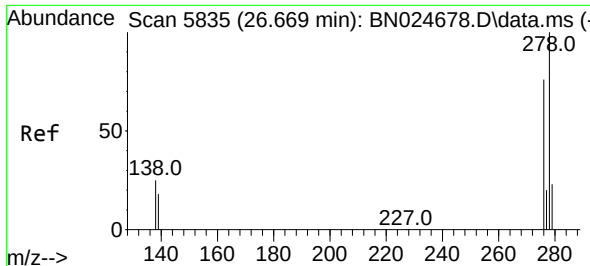
Tgt Ion:252	Resp:	29340
Ion Ratio	Lower	Upper
252	100	
253	26.5	21.8 32.8
125	20.7	15.4 23.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.457 ng/ul
RT: 26.639 min Scan# 5826
Delta R.T. -0.006 min
Lab File: BN024695.D
Acq: 01 Apr 2023 00:47

Tgt Ion:276	Resp:	32926
Ion Ratio	Lower	Upper
276	100	
138	29.6	24.6 36.8
227	0.1	0.1 0.1

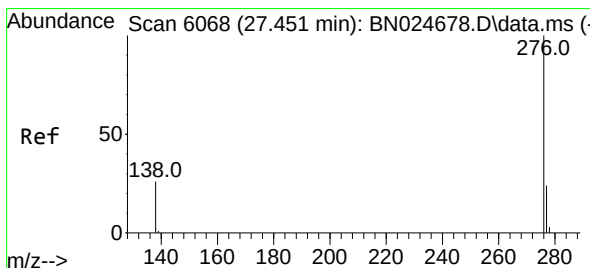
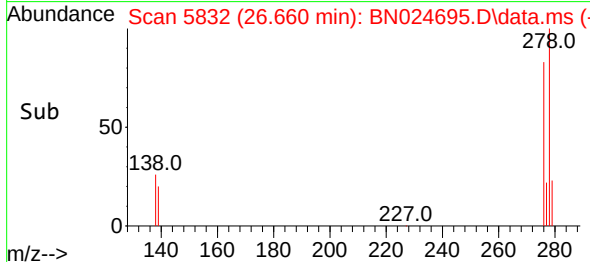
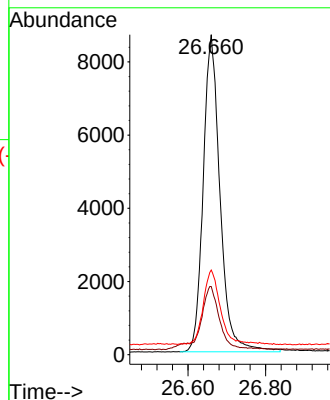
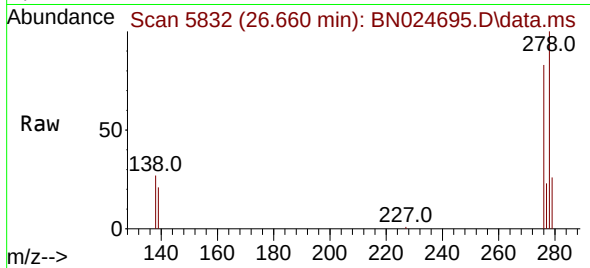




#28
 Dibenzo(a,h)anthracene
 Concen: 0.452 ng/ul
 RT: 26.660 min Scan# 5835
 Delta R.T. -0.010 min
 Lab File: BN024695.D
 Acq: 01 Apr 2023 00:47

Instrument :
 BNA_N
 ClientSampleId :
 SLCS732

Tgt Ion:278 Resp: 26081
 Ion Ratio Lower Upper
 278 100
 139 21.3 16.5 24.7
 279 26.5 21.8 32.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.442 ng/ul
 RT: 27.444 min Scan# 6066
 Delta R.T. -0.006 min
 Lab File: BN024695.D
 Acq: 01 Apr 2023 00:47

Tgt Ion:276 Resp: 27431
 Ion Ratio Lower Upper
 276 100
 138 26.6 21.4 32.2
 277 25.0 19.8 29.6

