

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
 Data File : BN024708.D
 Acq On : 01 Apr 2023 09:19
 Operator : CG/JU
 Sample : PB151697BS
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS697

Quant Time: Apr 03 01:36:17 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 04:05:52 2023
 Response via : Initial Calibration

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

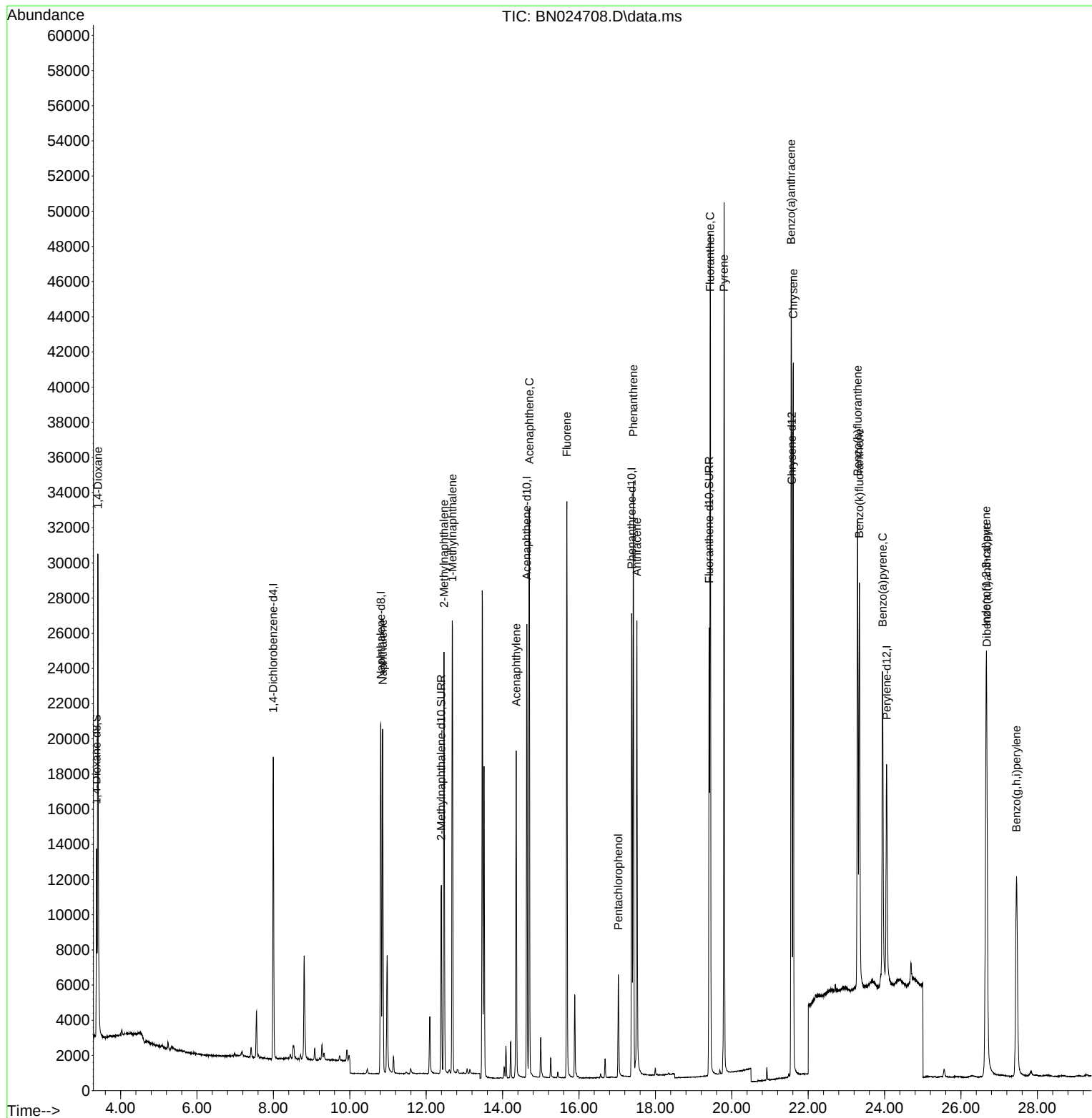
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.996	152	8890	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	26382	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.634	164	14103	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.379	188	30227	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	22744	0.400	ng/ul	0.00
23) Perylene-d12	24.053	264	18041	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	6445	0.706	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	13643	0.419	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	27259	0.490	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.406	88	17291	1.801	ng/ul	92
5) Naphthalene	10.861	128	26944	0.416	ng/ul	100
7) 2-Methylnaphthalene	12.467	142	16760	0.415	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	17768	0.421	ng/ul	100
10) Acenaphthylene	14.356	152	21228	0.426	ng/ul	100
11) Acenaphthene	14.698	153	18592	0.430	ng/ul	99
12) Fluorene	15.684	166	20947	0.424	ng/ul	97
14) Pentachlorophenol	17.029	266	4077	0.624	ng/ul	99
15) Phenanthrene	17.421	178	35346	0.426	ng/ul	100
16) Anthracene	17.514	178	29320	0.424	ng/ul	100
19) Fluoranthene	19.436	202	39559	0.494	ng/ul	99
20) Pyrene	19.798	202	40289	0.494	ng/ul	98
21) Benzo(a)anthracene	21.553	228	35268	0.516	ng/ul	99
22) Chrysene	21.609	228	36593	0.487	ng/ul	99
24) Benzo(b)fluoranthene	23.293	252	34182	0.456	ng/ul	99
25) Benzo(k)fluoranthene	23.339	252	33139	0.459	ng/ul	99
26) Benzo(a)pyrene	23.947	252	27622	0.469	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.659	276	31616	0.450	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.673	278	25081	0.446	ng/ul	99
29) Benzo(g,h,i)perylene	27.454	276	26339	0.436	ng/ul	100

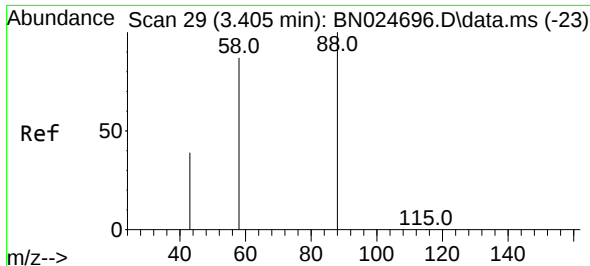
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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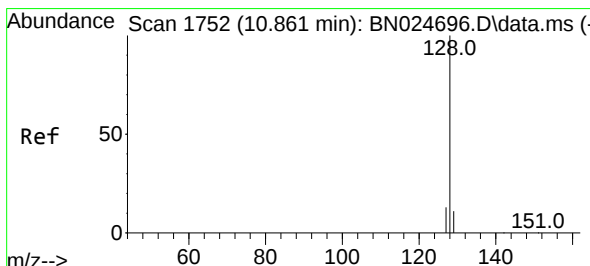
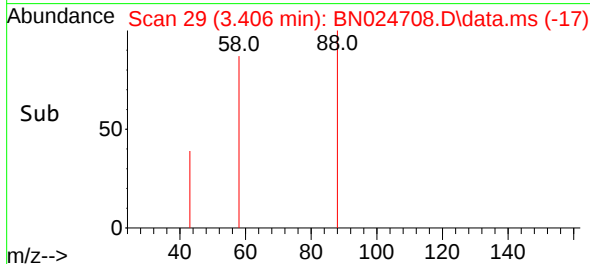
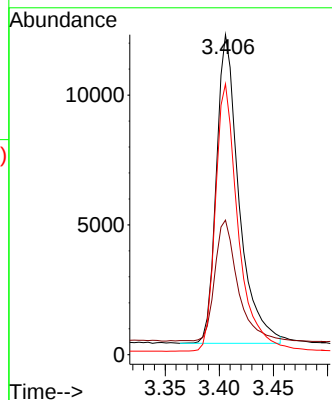
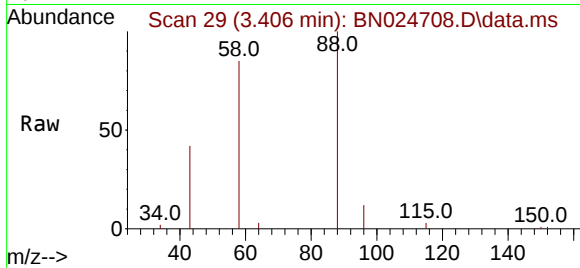




#2
 1,4-Dioxane
 Concen: 1.801 ng/ul
 RT: 3.406 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: BN024708.D
 Acq: 01 Apr 2023 09:19

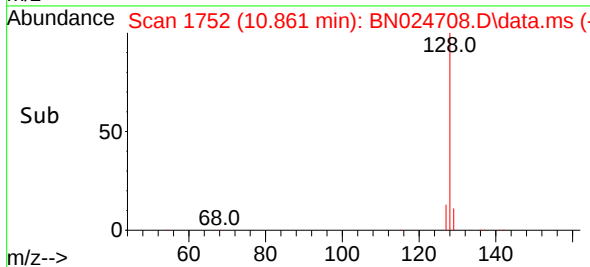
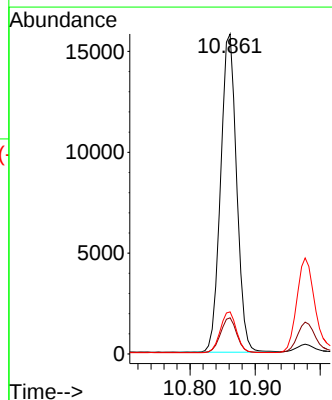
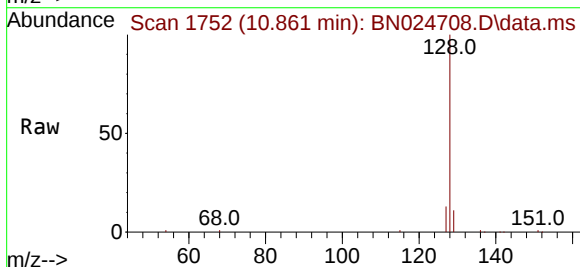
Instrument :
 BNA_N
 ClientSampleId :
 SLCS697

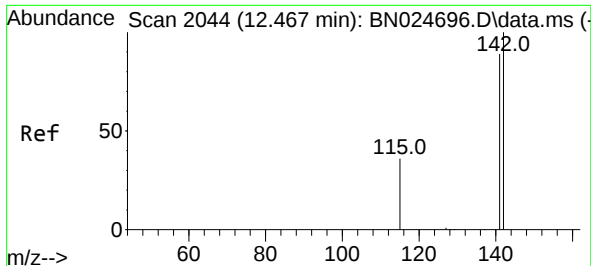
Tgt Ion: 88 Resp: 17291
 Ion Ratio Lower Upper
 88 100
 43 42.1 37.2 55.8
 58 84.6 61.5 92.3



#5
 Naphthalene
 Concen: 0.416 ng/ul
 RT: 10.861 min Scan# 1752
 Delta R.T. 0.000 min
 Lab File: BN024708.D
 Acq: 01 Apr 2023 09:19

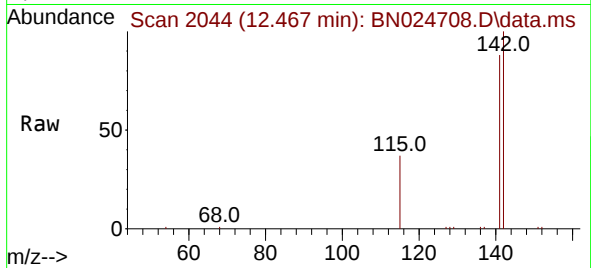
Tgt Ion: 128 Resp: 26944
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.0 13.6
 127 13.2 10.5 15.7



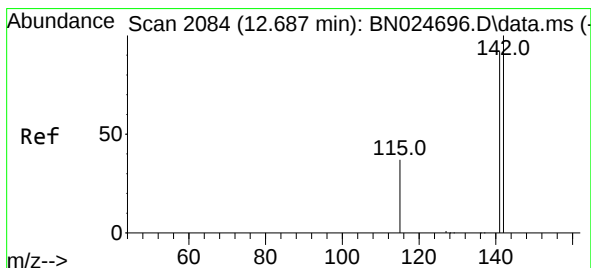
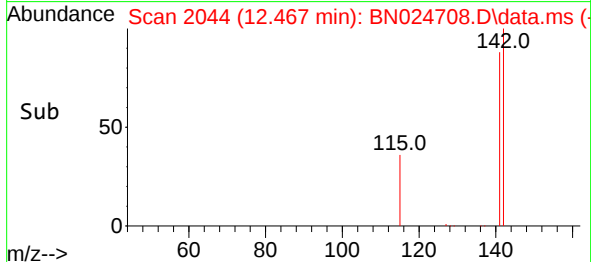
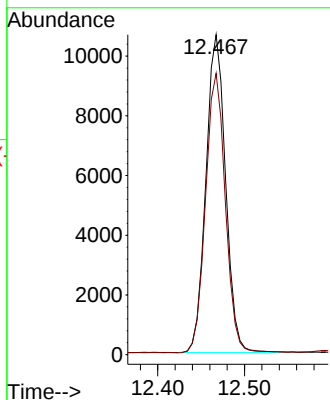


#7
2-Methylnaphthalene
Concen: 0.415 ng/ul
RT: 12.467 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BN024708.D
Acq: 01 Apr 2023 09:19

Instrument :
BNA_N
ClientSampleId :
SLCS697

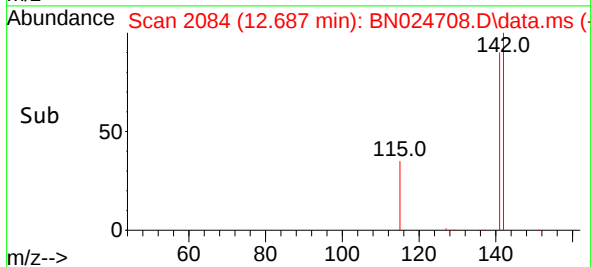
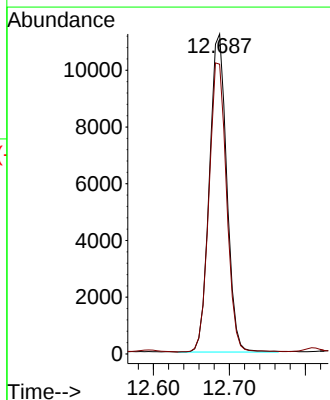
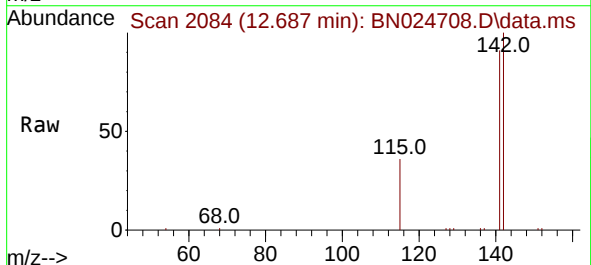


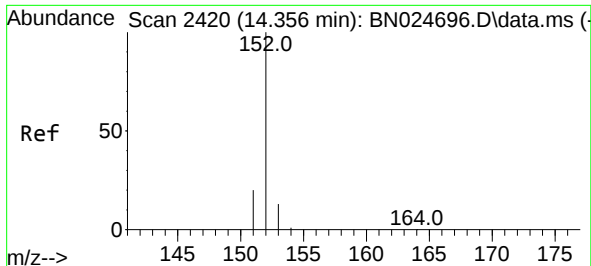
Tgt Ion:142 Resp: 16760
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.421 ng/ul
RT: 12.687 min Scan# 2084
Delta R.T. 0.000 min
Lab File: BN024708.D
Acq: 01 Apr 2023 09:19

Tgt Ion:142 Resp: 17768
Ion Ratio Lower Upper
142 100
141 92.1 73.5 110.3

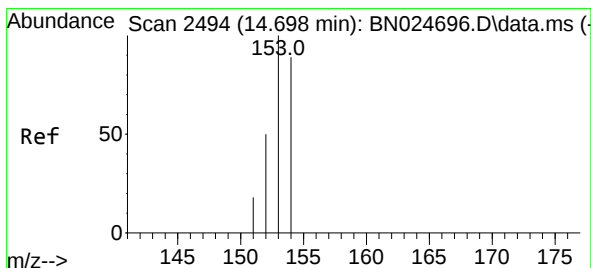
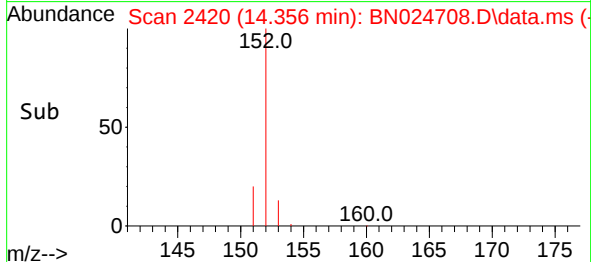
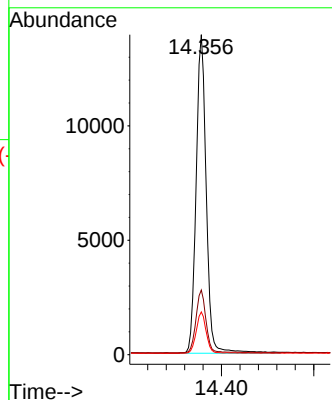
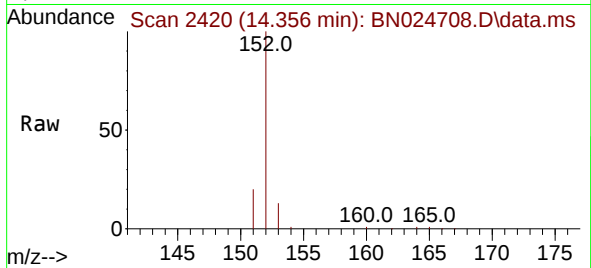




#10
Acenaphthylene
Concen: 0.426 ng/ul
RT: 14.356 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BN024708.D
Acq: 01 Apr 2023 09:19

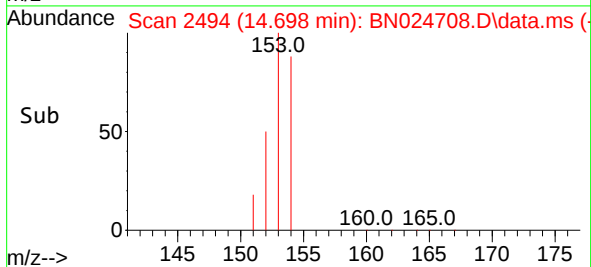
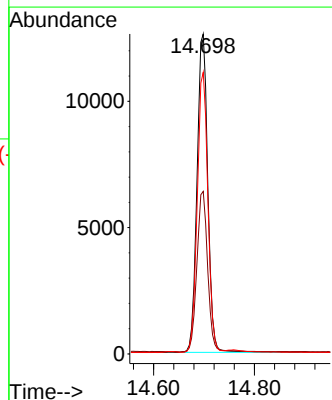
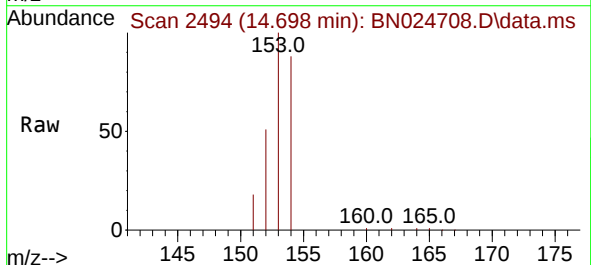
Instrument :
BNA_N
ClientSampleId :
SLCS697

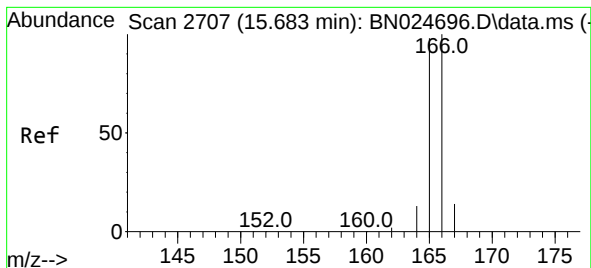
Tgt Ion:152 Resp: 21228
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.4 10.6 16.0



#11
Acenaphthene
Concen: 0.430 ng/ul
RT: 14.698 min Scan# 2494
Delta R.T. 0.000 min
Lab File: BN024708.D
Acq: 01 Apr 2023 09:19

Tgt Ion:153 Resp: 18592
Ion Ratio Lower Upper
153 100
152 50.8 40.3 60.5
154 88.0 71.0 106.4





#12

Fluorene

Concen: 0.424 ng/ul

RT: 15.684 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024708.D

Acq: 01 Apr 2023 09:19

Instrument :

BNA_N

ClientSampleId :

SLCS697

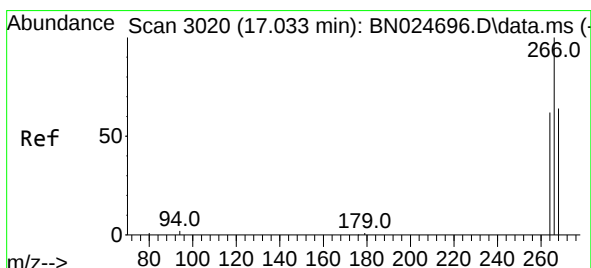
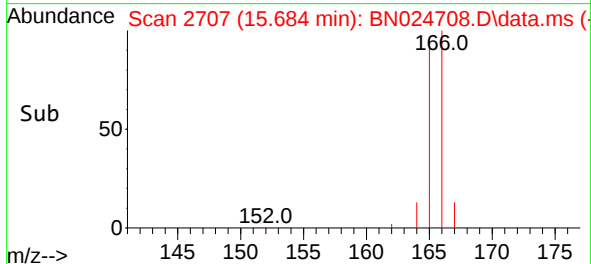
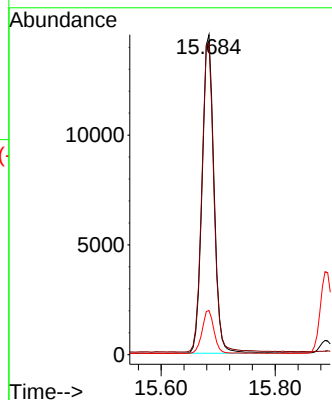
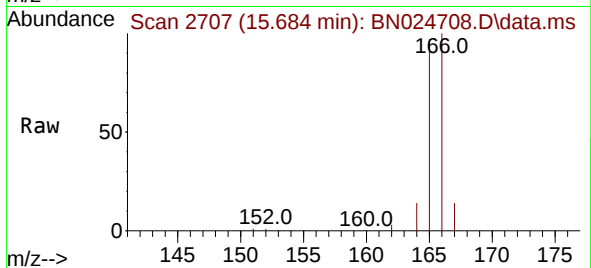
Tgt Ion:166 Resp: 20947

Ion Ratio Lower Upper

166 100

165 97.2 80.0 120.0

167 13.8 10.8 16.2



#14

Pentachlorophenol

Concen: 0.624 ng/ul

RT: 17.029 min Scan# 3019

Delta R.T. -0.004 min

Lab File: BN024708.D

Acq: 01 Apr 2023 09:19

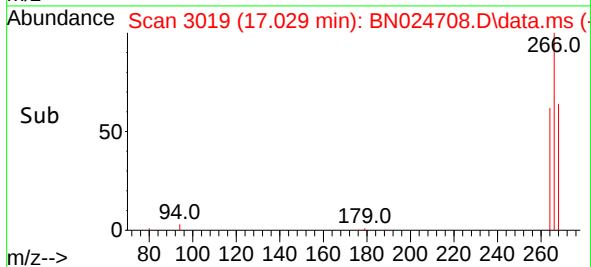
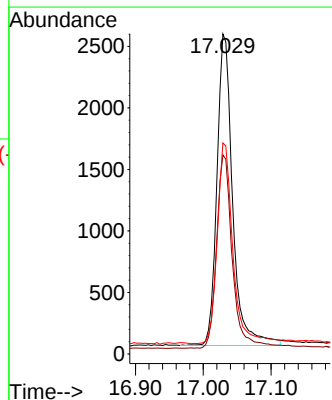
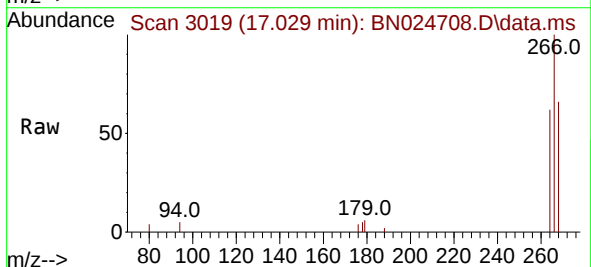
Tgt Ion:266 Resp: 4077

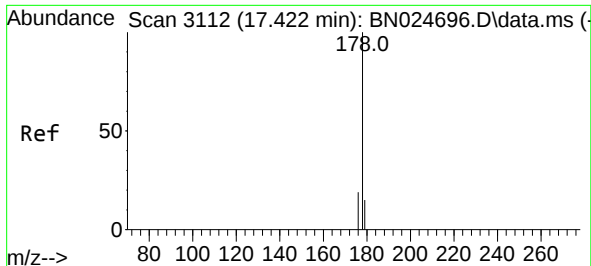
Ion Ratio Lower Upper

266 100

264 62.2 49.6 74.4

268 64.5 52.6 78.8

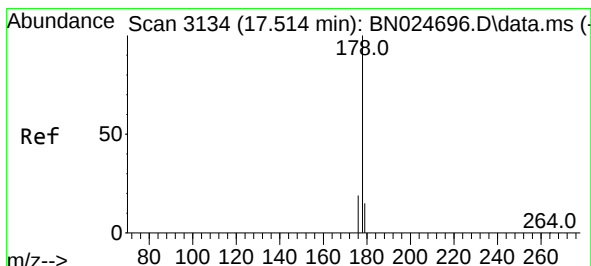
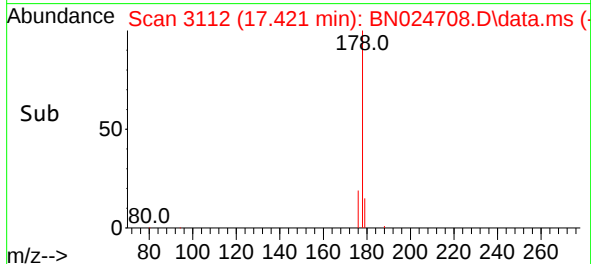
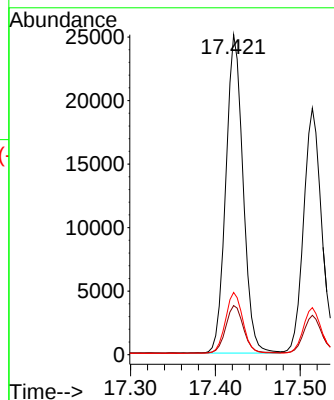
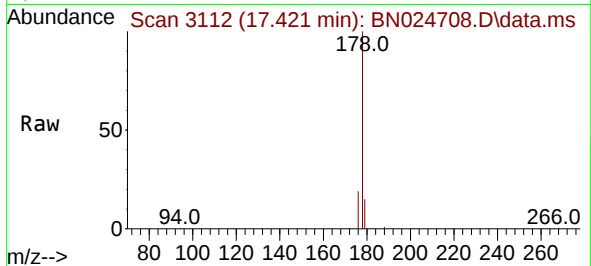




#15
Phenanthrene
Concen: 0.426 ng/u1
RT: 17.421 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BN024708.D
Acq: 01 Apr 2023 09:19

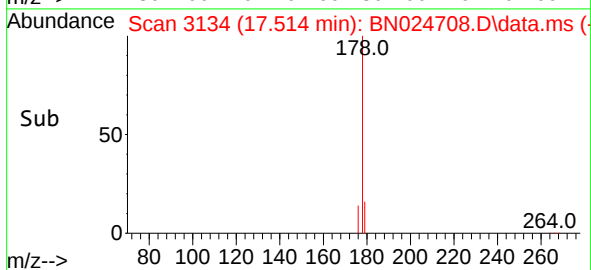
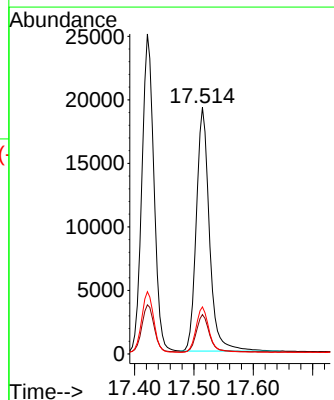
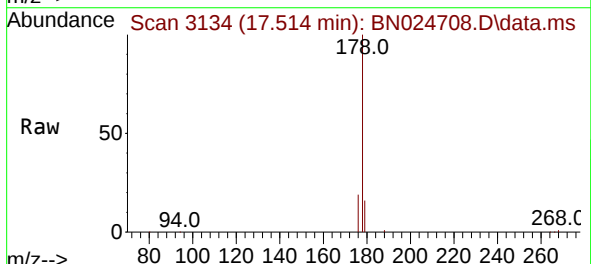
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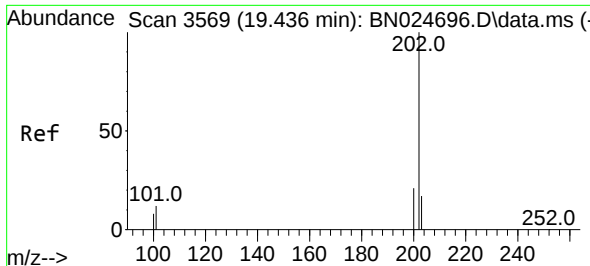
Tgt Ion:178 Resp: 35346
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.4 15.5 23.3



#16
Anthracene
Concen: 0.424 ng/u1
RT: 17.514 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BN024708.D
Acq: 01 Apr 2023 09:19

Tgt Ion:178 Resp: 29320
Ion Ratio Lower Upper
178 100
179 16.0 12.7 19.1
176 19.1 15.2 22.8

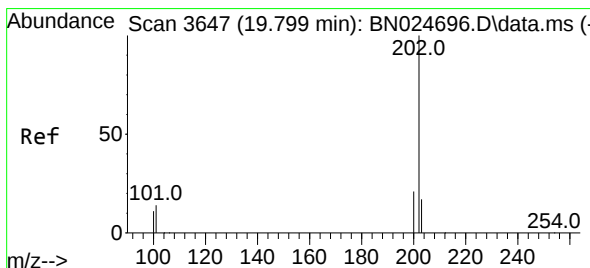
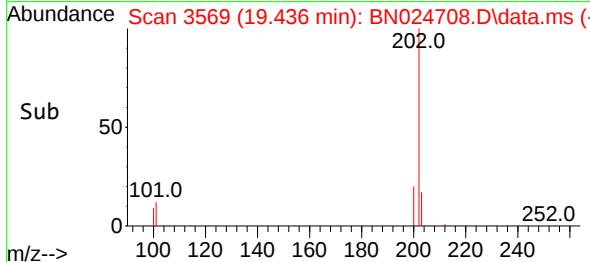
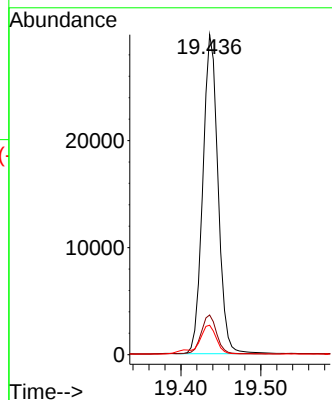
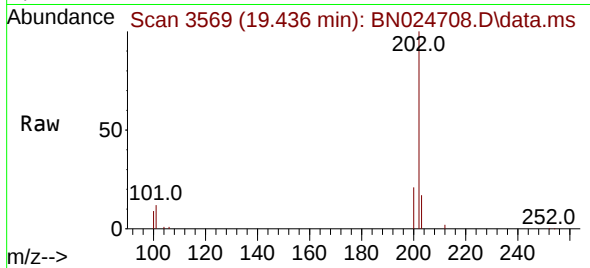




#19
Fluoranthene
Concen: 0.494 ng/ul
RT: 19.436 min Scan# 3569
Delta R.T. -0.000 min
Lab File: BN024708.D
Acq: 01 Apr 2023 09:19

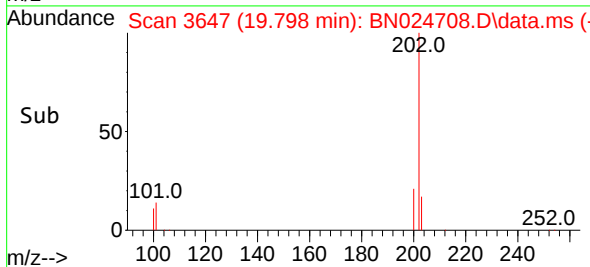
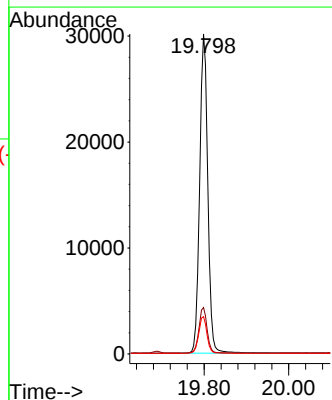
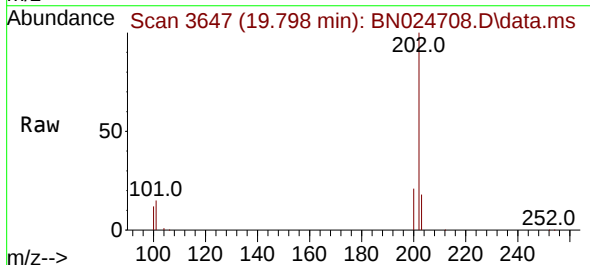
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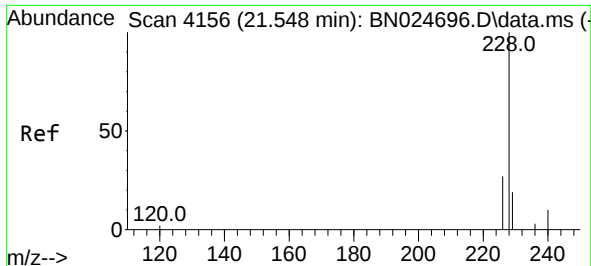
Tgt Ion:202 Resp: 39559
Ion Ratio Lower Upper
202 100
101 12.4 9.6 14.4
100 9.2 7.0 10.6



#20
Pyrene
Concen: 0.494 ng/ul
RT: 19.798 min Scan# 3647
Delta R.T. -0.000 min
Lab File: BN024708.D
Acq: 01 Apr 2023 09:19

Tgt Ion:202 Resp: 40289
Ion Ratio Lower Upper
202 100
101 14.5 10.9 16.3
100 11.6 8.7 13.1

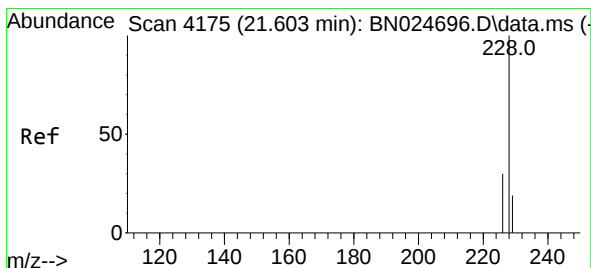
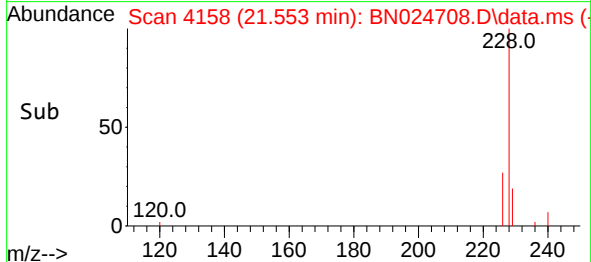
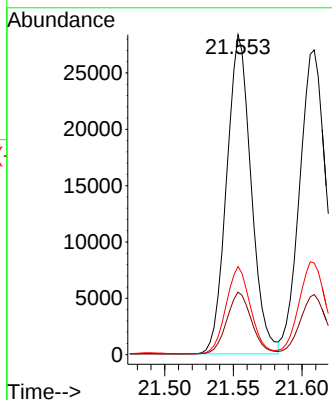
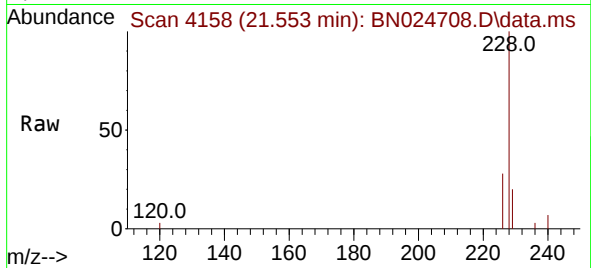




#21
Benzo(a)anthracene
Concen: 0.516 ng/ul
RT: 21.553 min Scan# 4156
Delta R.T. 0.006 min
Lab File: BN024708.D
Acq: 01 Apr 2023 09:19

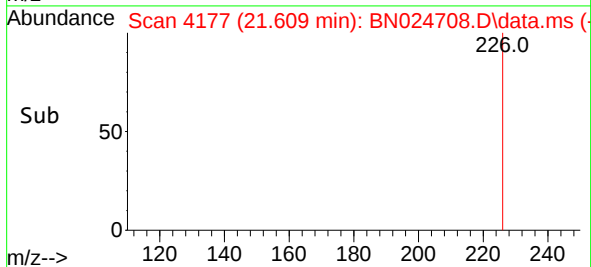
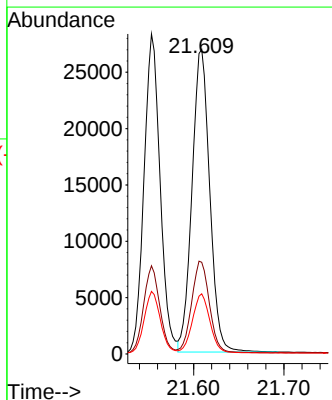
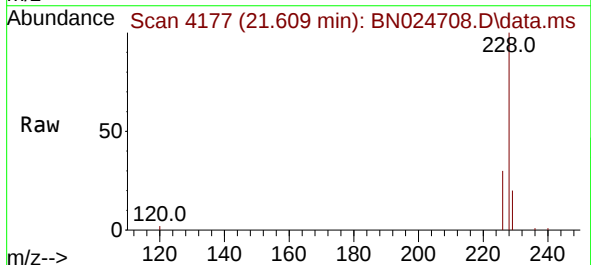
Instrument :
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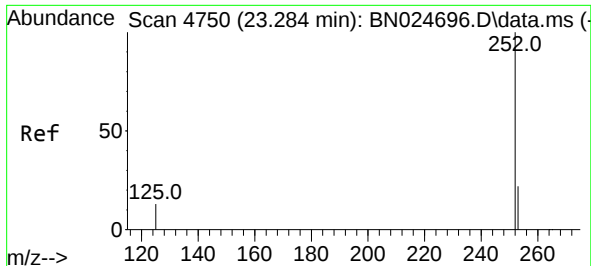
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Ion Ratio Lower Upper
228 100
229 19.6 15.6 23.4
226 27.5 22.5 33.7



#22
Chrysene
Concen: 0.487 ng/ul
RT: 21.609 min Scan# 4177
Delta R.T. 0.006 min
Lab File: BN024708.D
Acq: 01 Apr 2023 09:19

Tgt Ion:228 Resp: 36593
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 19.8 15.6 23.4

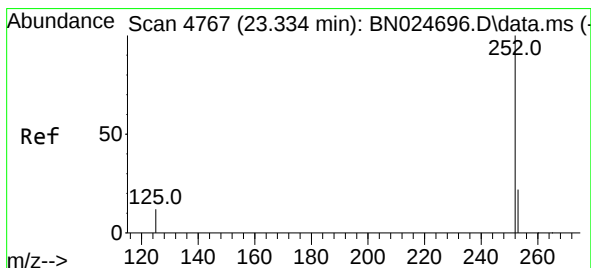
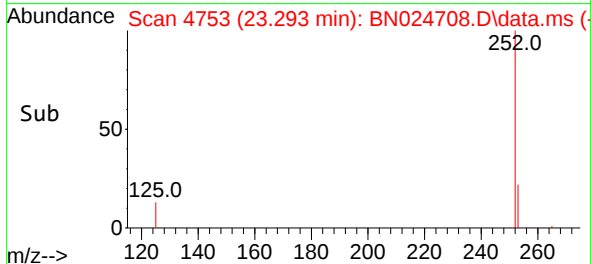
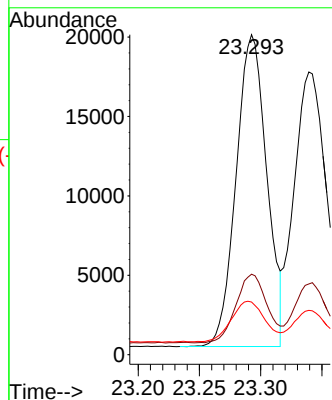
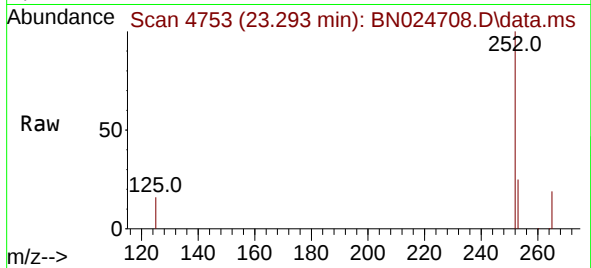




#24
Benzo(b)fluoranthene
Concen: 0.456 ng/ul
RT: 23.293 min Scan# 4753
Delta R.T. 0.009 min
Lab File: BN024708.D
Acq: 01 Apr 2023 09:19

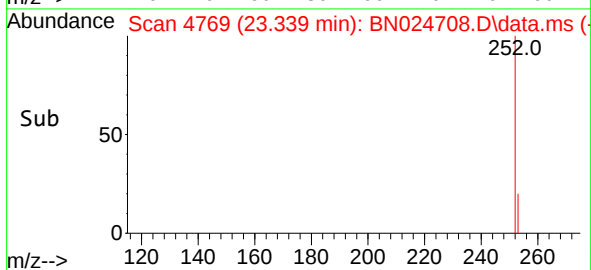
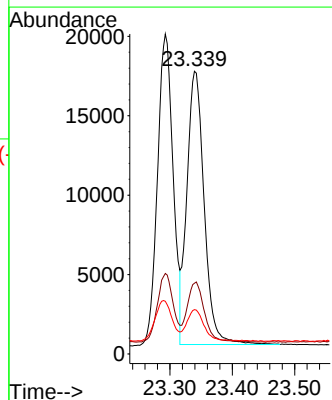
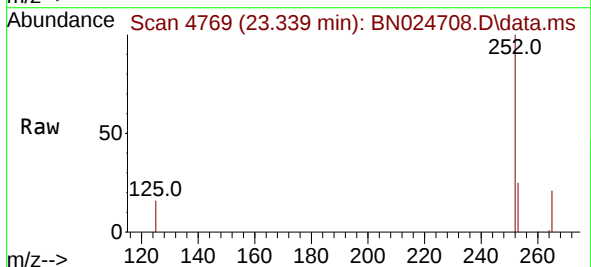
Instrument :
BNA_N
ClientSampleId :
SLCS697

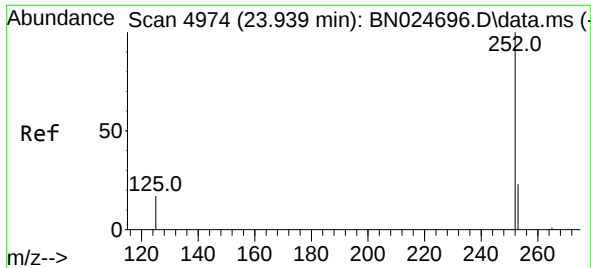
Tgt Ion:252 Resp: 34182
Ion Ratio Lower Upper
252 100
253 25.1 0.0 49.6
125 16.4 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.459 ng/ul
RT: 23.339 min Scan# 4769
Delta R.T. 0.006 min
Lab File: BN024708.D
Acq: 01 Apr 2023 09:19

Tgt Ion:252 Resp: 33139
Ion Ratio Lower Upper
252 100
253 25.0 20.2 30.2
125 15.6 13.1 19.7

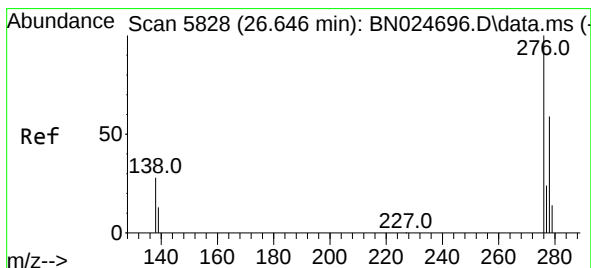
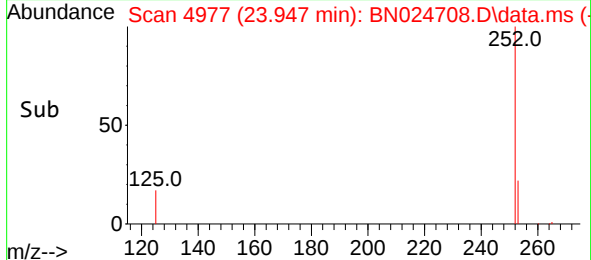
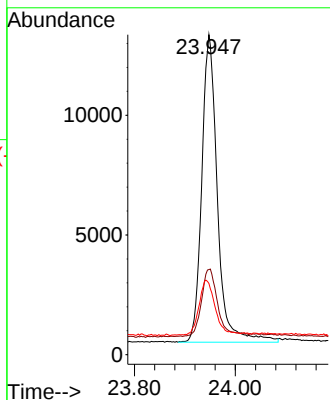
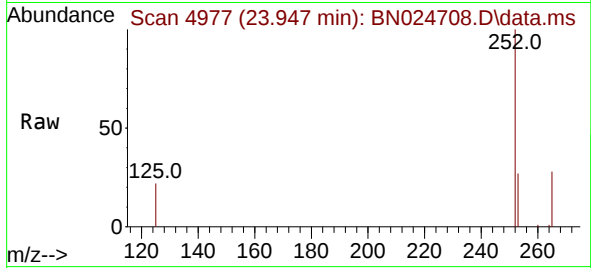




#26
Benzo(a)pyrene
Concen: 0.469 ng/ul
RT: 23.947 min Scan# 4974
Delta R.T. 0.009 min
Lab File: BN024708.D
Acq: 01 Apr 2023 09:19

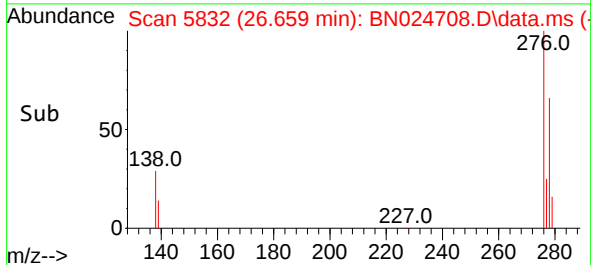
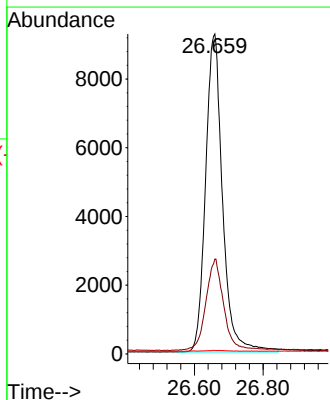
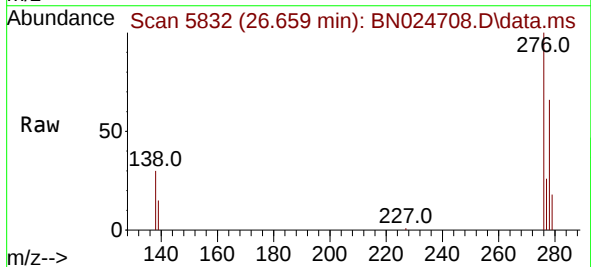
Instrument :
BNA_N
ClientSampleId :
SLCS697

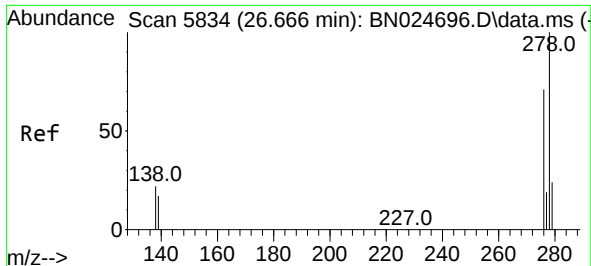
Tgt Ion:252 Resp: 27622
Ion Ratio Lower Upper
252 100
253 26.6 21.8 32.8
125 22.2 15.4 23.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.450 ng/ul
RT: 26.659 min Scan# 5832
Delta R.T. 0.013 min
Lab File: BN024708.D
Acq: 01 Apr 2023 09:19

Tgt Ion:276 Resp: 31616
Ion Ratio Lower Upper
276 100
138 29.7 24.6 36.8
227 0.2 0.1 0.1#

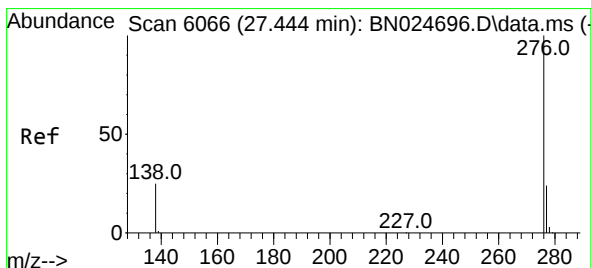
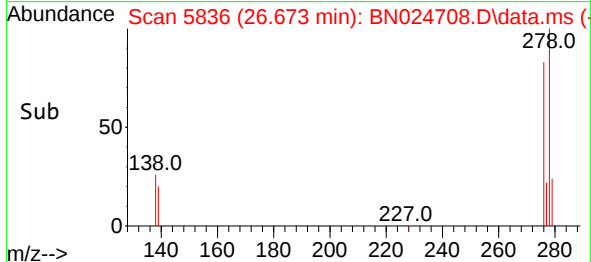
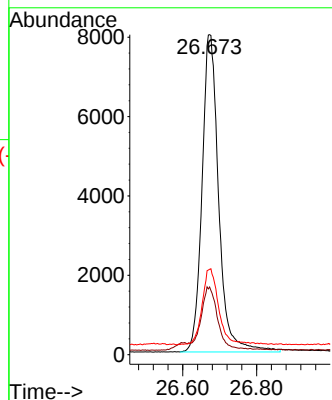
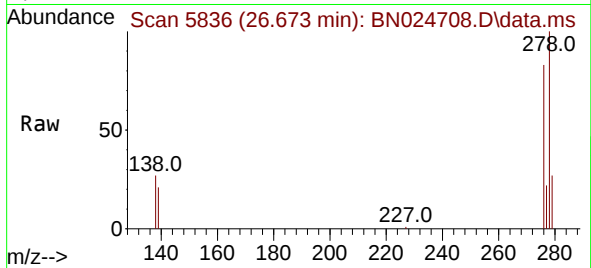




#28
 Dibenzo(a,h)anthracene
 Concen: 0.446 ng/ul
 RT: 26.673 min Scan# 5836
 Delta R.T. 0.007 min
 Lab File: BN024708.D
 Acq: 01 Apr 2023 09:19

Instrument :
 BNA_N
 ClientSampleId :
 SLCS697

Tgt Ion:278 Resp: 25081
 Ion Ratio Lower Upper
 278 100
 139 21.1 16.5 24.7
 279 26.7 21.8 32.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.436 ng/ul
 RT: 27.454 min Scan# 6069
 Delta R.T. 0.010 min
 Lab File: BN024708.D
 Acq: 01 Apr 2023 09:19

Tgt Ion:276 Resp: 26339
 Ion Ratio Lower Upper
 276 100
 138 26.5 21.4 32.2
 277 24.6 19.8 29.6

