

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027798.D
 Acq On : 21 Sep 2023 21:55
 Operator : MA/JU
 Sample : PB155450BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS450

Quant Time: Sep 22 04:02:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

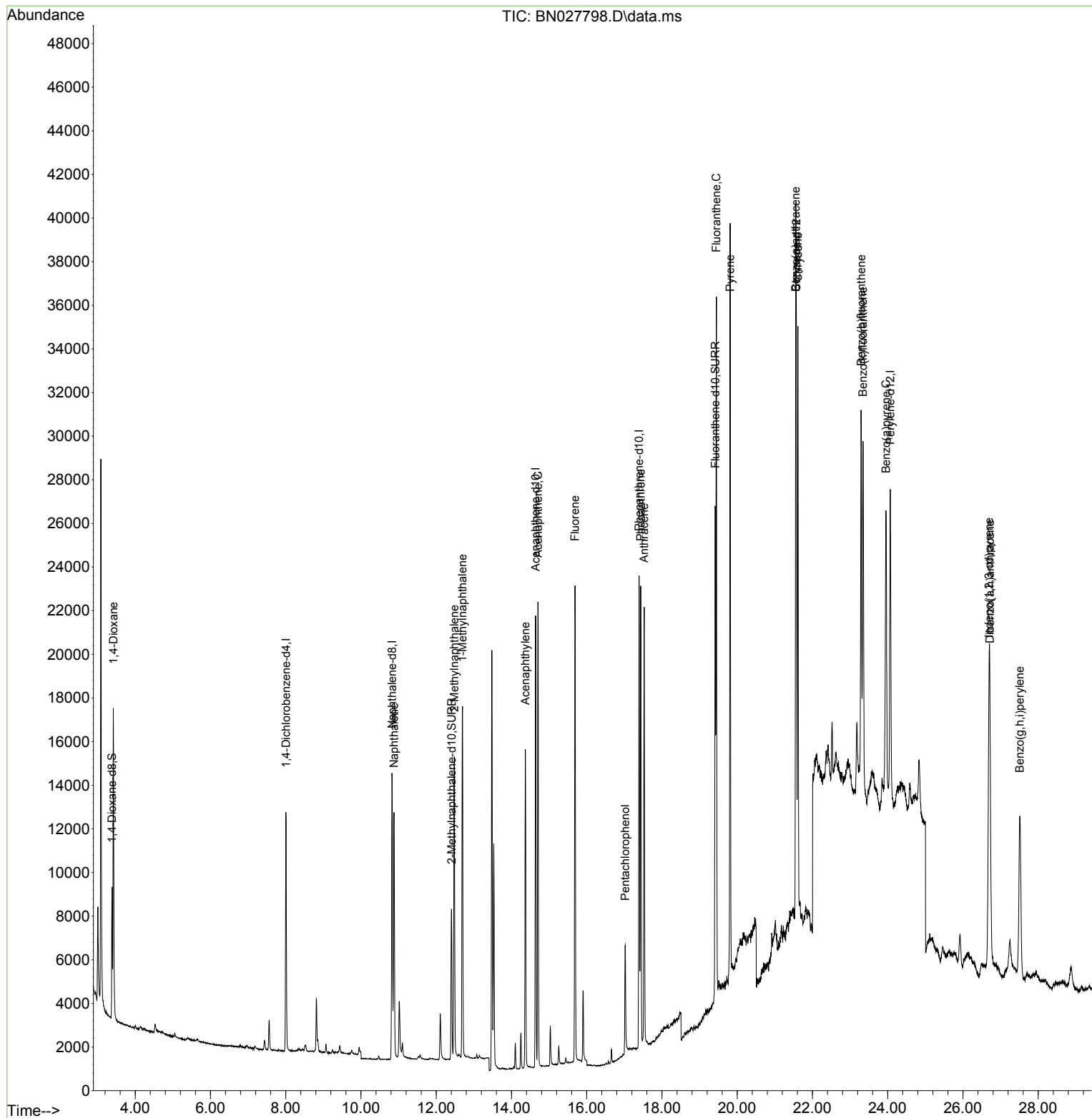
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	5630	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	18905	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.643	164	11585	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	25333	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	22170	0.400	ng/ul	# 0.00
23) Perylene-d12	24.068	264	19986	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	4005	0.565	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.407	152	9520	0.332	ng/ul	0.00
18) Fluoranthene-d10	19.418	212	24576	0.363	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.418	88	10066	1.364	ng/ul#	89
5) Naphthalene	10.878	128	15809	0.293	ng/ul	99
7) 2-Methylnaphthalene	12.478	142	10148	0.296	ng/ul	100
8) 1-Methylnaphthalene	12.698	142	11399	0.322	ng/ul	99
10) Acenaphthylene	14.370	152	16704	0.330	ng/ul	100
11) Acenaphthene	14.703	153	12367	0.283	ng/ul	98
12) Fluorene	15.688	166	14084	0.274	ng/ul	99
14) Pentachlorophenol	17.025	266	3821	0.645	ng/ul	97
15) Phenanthrene	17.435	178	22731	0.286	ng/ul	98
16) Anthracene	17.527	178	22254	0.334	ng/ul	99
19) Fluoranthene	19.446	202	27947	0.312	ng/ul	99
20) Pyrene	19.813	202	29729	0.322	ng/ul	98
21) Benzo(a)anthracene	21.557	228	26088	0.304	ng/ul#	90
22) Chrysene	21.612	228	25270	0.285	ng/ul#	91
24) Benzo(b)fluoranthene	23.293	252	22984	0.258	ng/ul#	56
25) Benzo(k)fluoranthene	23.343	252	23166	0.268	ng/ul#	52
26) Benzo(a)pyrene	23.957	252	19671	0.275	ng/ul#	44
27) Indeno(1,2,3-cd)pyrene	26.690	276	21750	0.237	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.717	278	17766	0.240	ng/ul#	68
29) Benzo(g,h,i)perylene	27.508	276	17488	0.224	ng/ul#	80

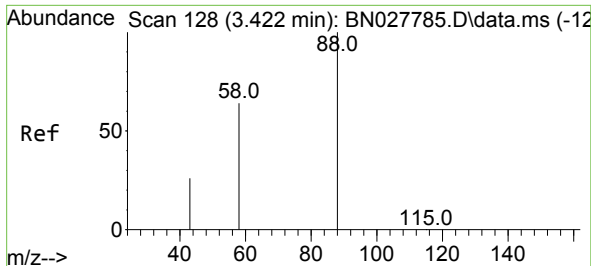
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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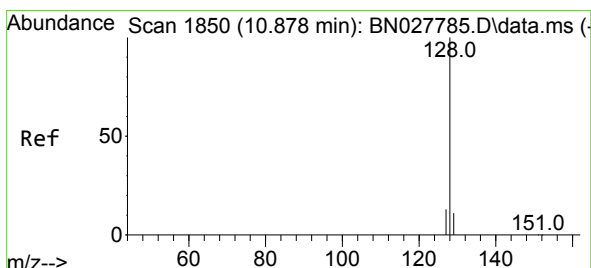
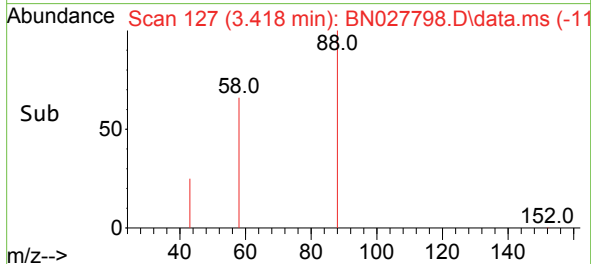
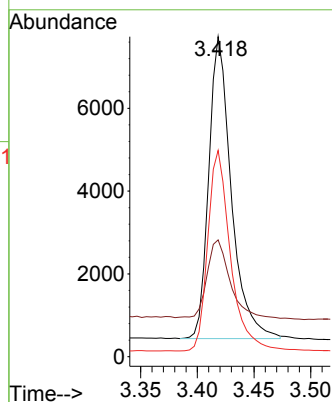
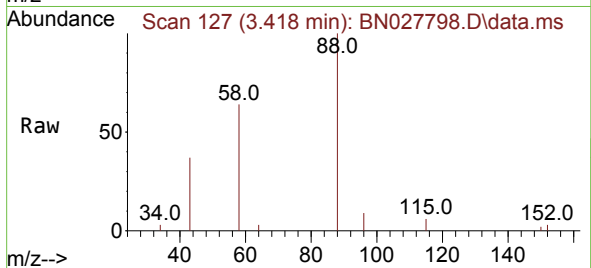




#2
1,4-Dioxane
Concen: 1.364 ng/ul
RT: 3.418 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027798.D
Acq: 21 Sep 2023 21:55

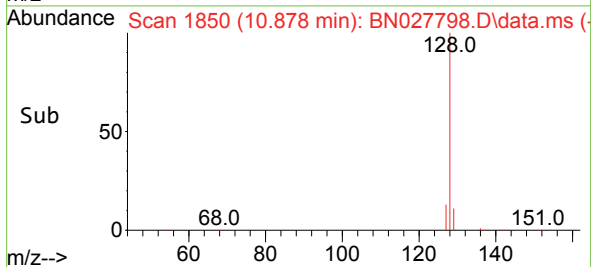
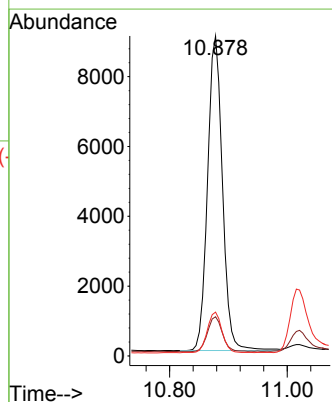
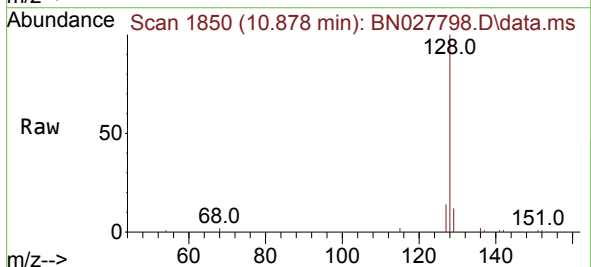
Instrument :
BNA_N
ClientSampleId :
SLCS450

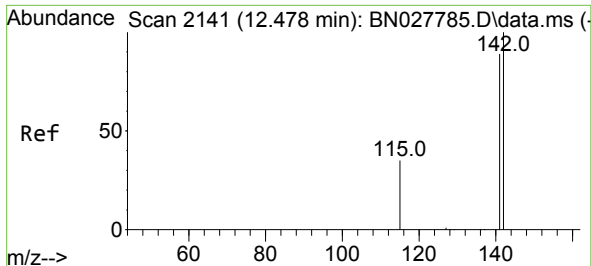
Tgt Ion: 88 Resp: 10066
Ion Ratio Lower Upper
88 100
43 36.5 39.6 59.4#
58 64.5 48.3 72.5



#5
Naphthalene
Concen: 0.293 ng/ul
RT: 10.878 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BN027798.D
Acq: 21 Sep 2023 21:55

Tgt Ion:128 Resp: 15809
Ion Ratio Lower Upper
128 100
129 12.3 9.3 13.9
127 13.7 10.7 16.1

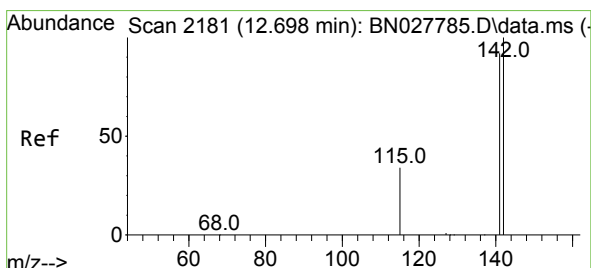
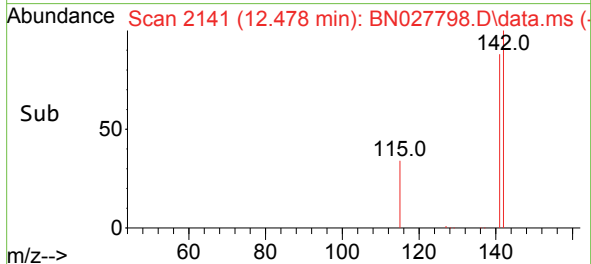
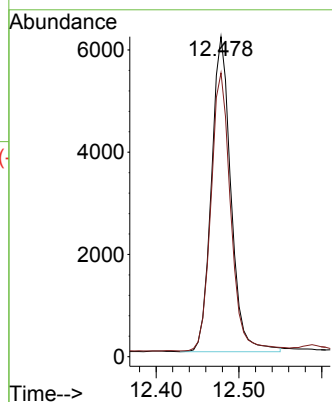
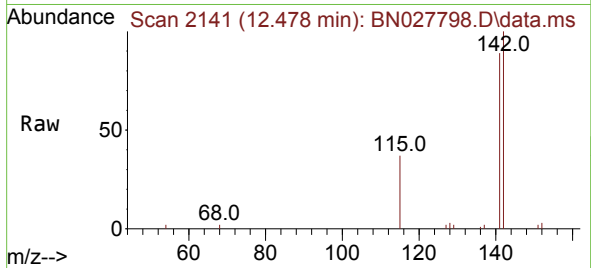




#7
2-Methylnaphthalene
Concen: 0.296 ng/ul
RT: 12.478 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BN027798.D
Acq: 21 Sep 2023 21:55

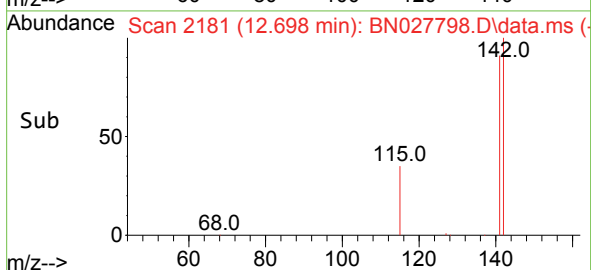
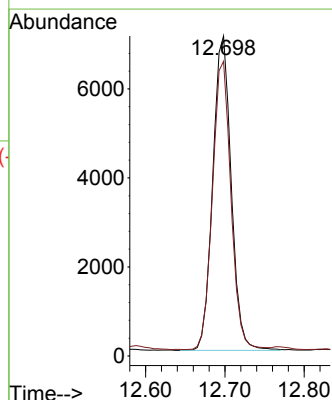
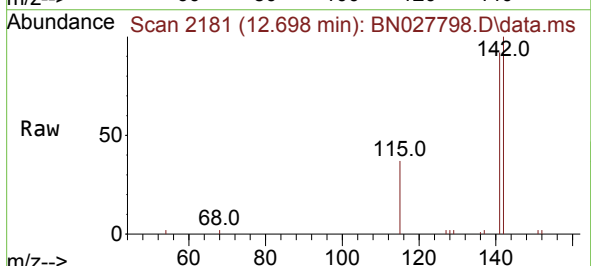
Instrument :
BNA_N
ClientSampleId :
SLCS450

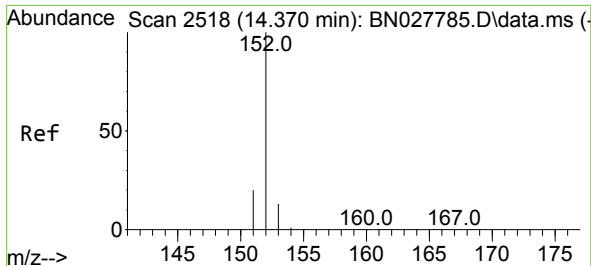
Tgt Ion:142 Resp: 10148
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.322 ng/ul
RT: 12.698 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BN027798.D
Acq: 21 Sep 2023 21:55

Tgt Ion:142 Resp: 11399
Ion Ratio Lower Upper
142 100
141 91.8 72.8 109.2

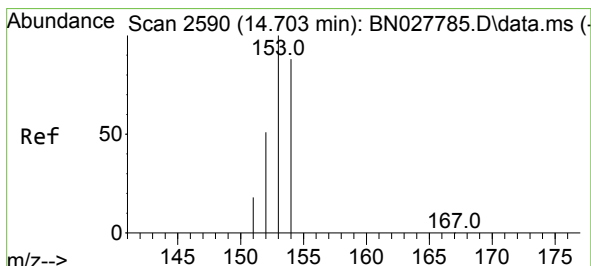
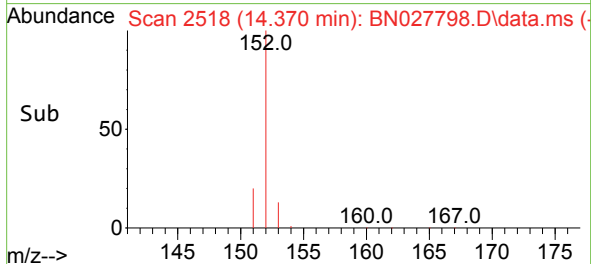
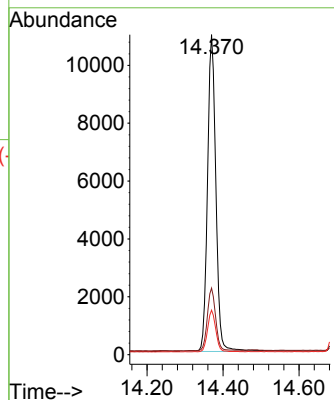
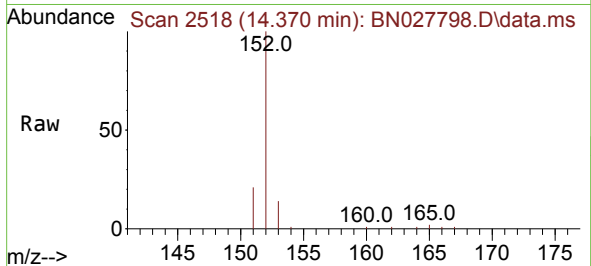




#10
Acenaphthylene
Concen: 0.330 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027798.D
Acq: 21 Sep 2023 21:55

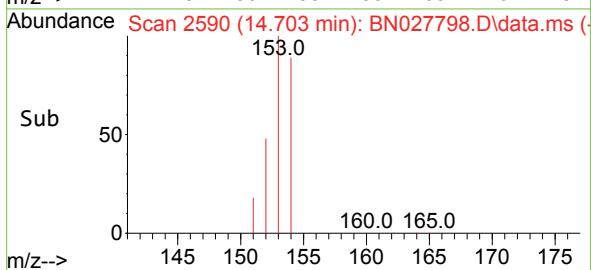
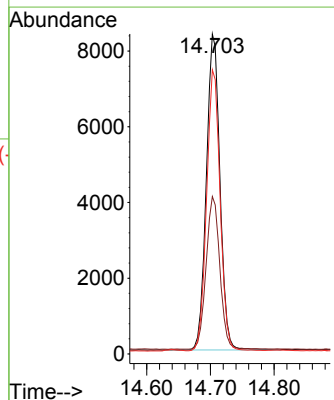
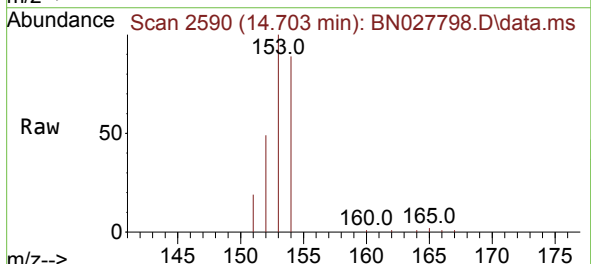
Instrument :
BNA_N
ClientSampleId :
SLCS450

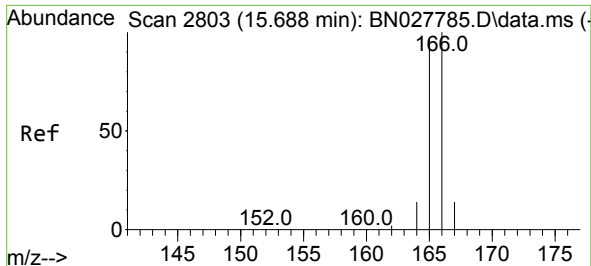
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.6	25.0
153	13.9	11.0	16.6



#11
Acenaphthene
Concen: 0.283 ng/ul
RT: 14.703 min Scan# 2590
Delta R.T. 0.000 min
Lab File: BN027798.D
Acq: 21 Sep 2023 21:55

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.2	41.7	62.5
154	88.8	70.3	105.5

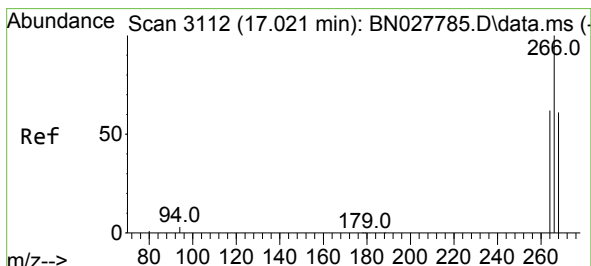
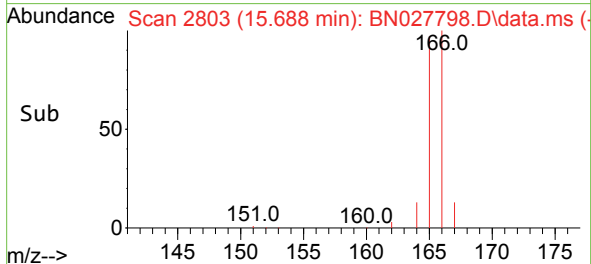
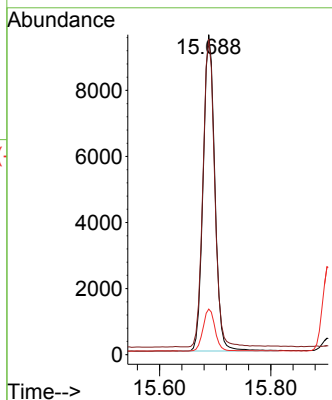
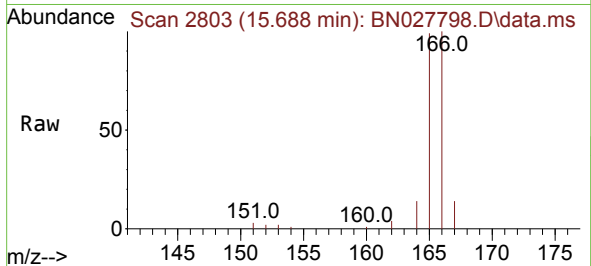




#12
Fluorene
Concen: 0.274 ng/ul
RT: 15.688 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BN027798.D
Acq: 21 Sep 2023 21:55

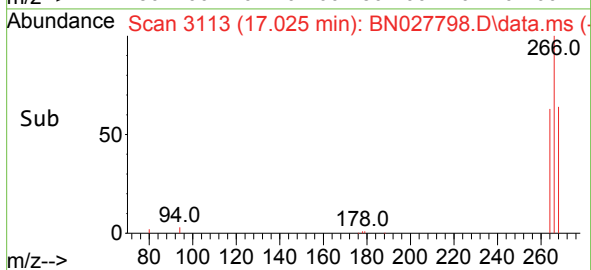
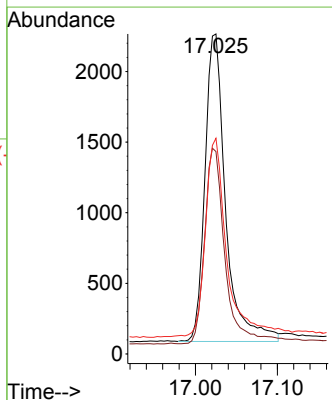
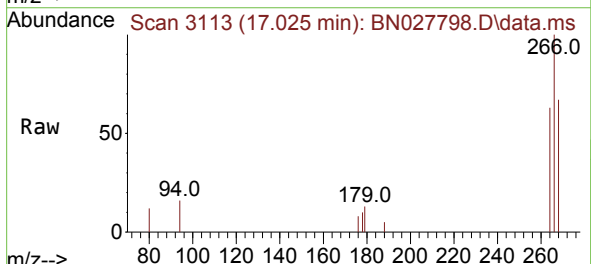
Instrument :
BNA_N
ClientSampleId :
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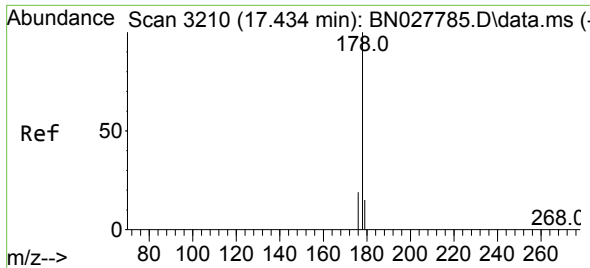
Tgt Ion:166 Resp: 14084
Ion Ratio Lower Upper
166 100
165 98.6 78.0 117.0
167 14.3 11.4 17.2



#14
Pentachlorophenol
Concen: 0.645 ng/ul
RT: 17.025 min Scan# 3113
Delta R.T. 0.004 min
Lab File: BN027798.D
Acq: 21 Sep 2023 21:55

Tgt Ion:266 Resp: 3821
Ion Ratio Lower Upper
266 100
264 62.6 49.6 74.4
268 67.7 50.7 76.1

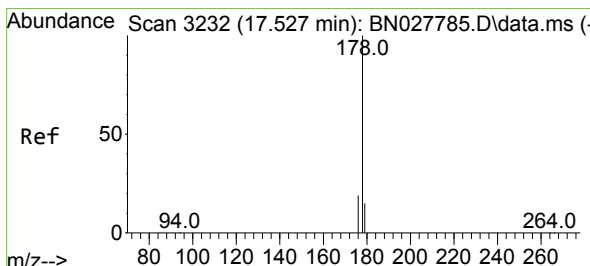
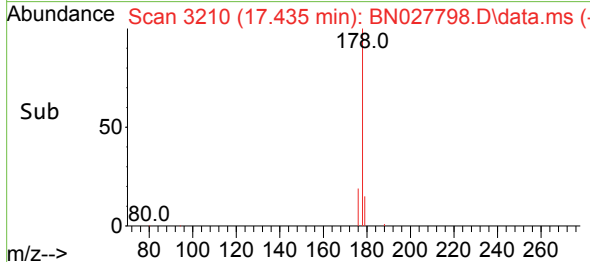
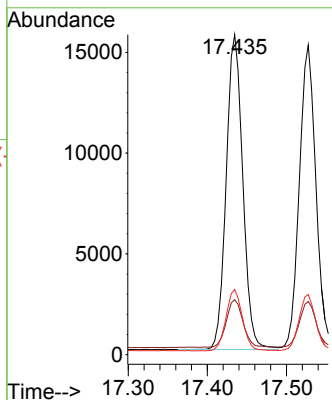
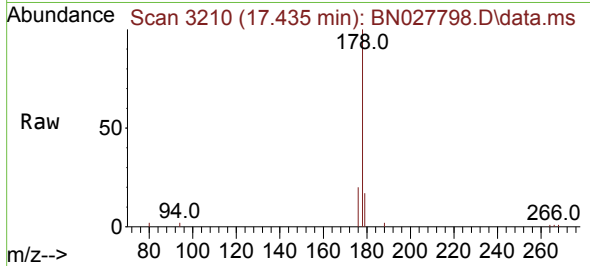




#15
Phenanthrene
Concen: 0.286 ng/ul
RT: 17.435 min Scan# 3210
Delta R.T. 0.000 min
Lab File: BN027798.D
Acq: 21 Sep 2023 21:55

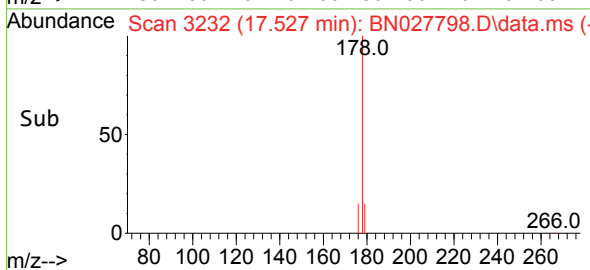
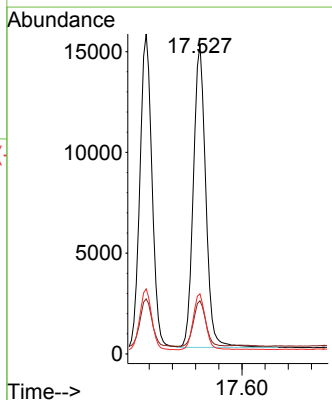
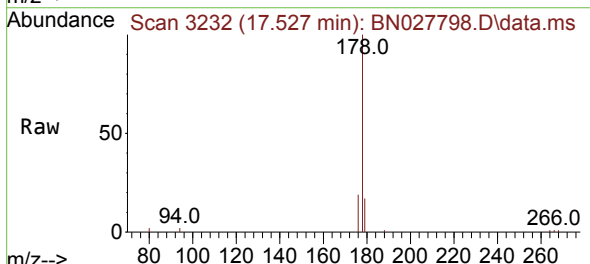
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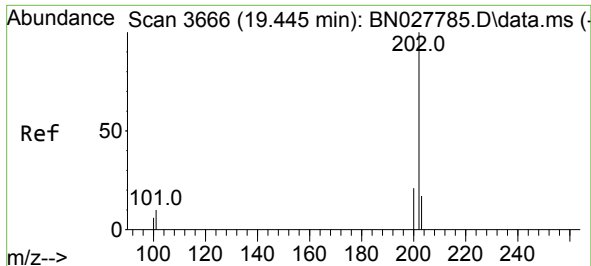
Tgt Ion:178	Resp:	22731
Ion Ratio	Lower	Upper
178	100	
179	17.2	12.4 18.6
176	20.4	16.0 24.0



#16
Anthracene
Concen: 0.334 ng/ul
RT: 17.527 min Scan# 3232
Delta R.T. 0.000 min
Lab File: BN027798.D
Acq: 21 Sep 2023 21:55

Tgt Ion:178	Resp:	22254
Ion Ratio	Lower	Upper
178	100	
179	17.2	12.6 19.0
176	19.4	15.5 23.3

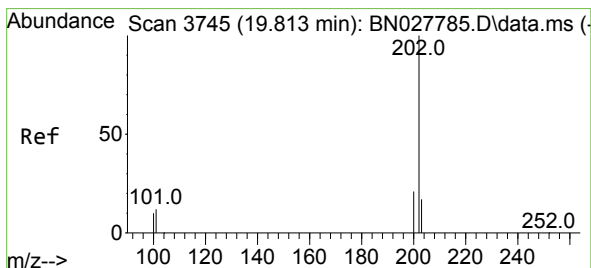
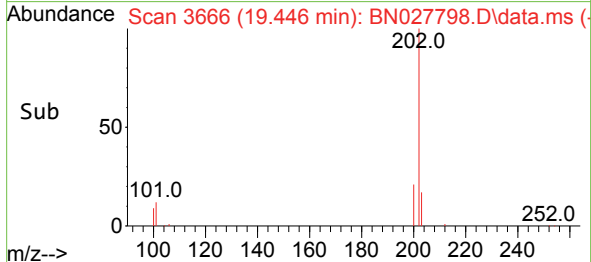
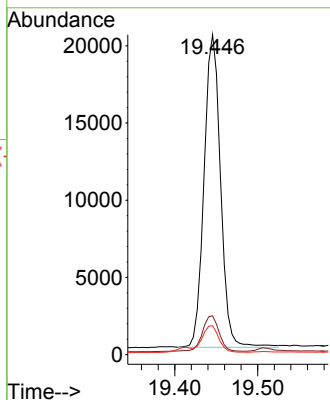
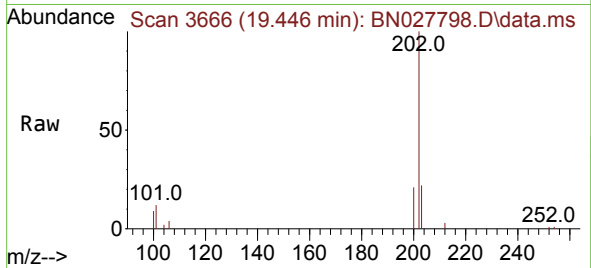




#19
Fluoranthene
Concen: 0.312 ng/ul
RT: 19.446 min Scan# 3666
Delta R.T. 0.000 min
Lab File: BN027798.D
Acq: 21 Sep 2023 21:55

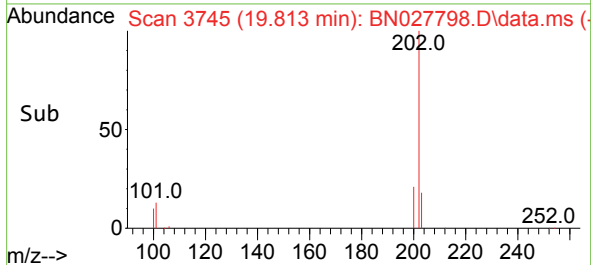
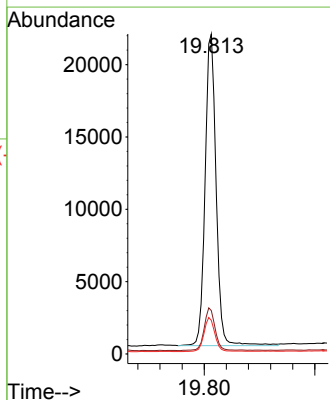
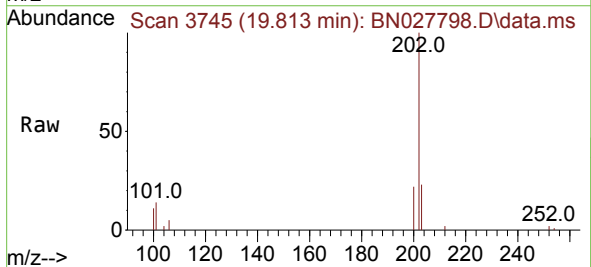
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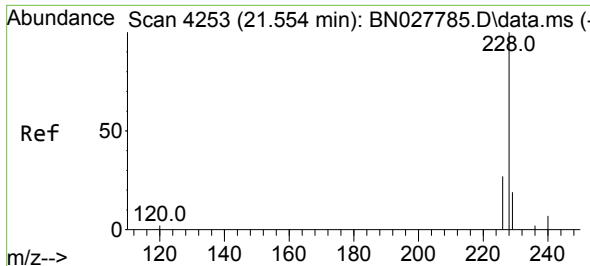
Tgt Ion:202 Resp: 27947
Ion Ratio Lower Upper
202 100
101 12.2 9.3 13.9
100 9.0 7.0 10.4



#20
Pyrene
Concen: 0.322 ng/ul
RT: 19.813 min Scan# 3745
Delta R.T. 0.000 min
Lab File: BN027798.D
Acq: 21 Sep 2023 21:55

Tgt Ion:202 Resp: 29729
Ion Ratio Lower Upper
202 100
101 13.5 11.4 17.0
100 10.5 9.1 13.7

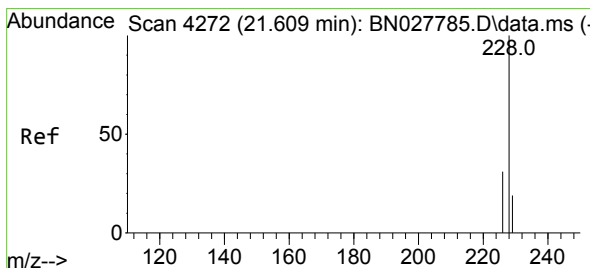
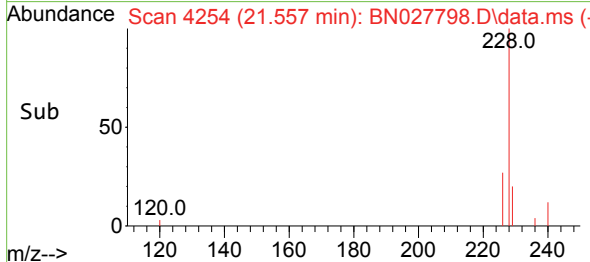
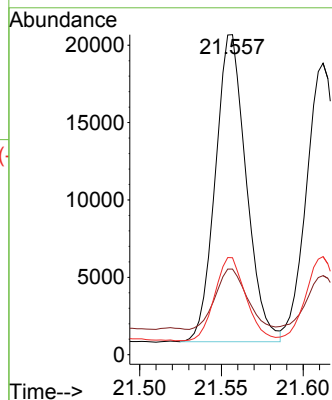
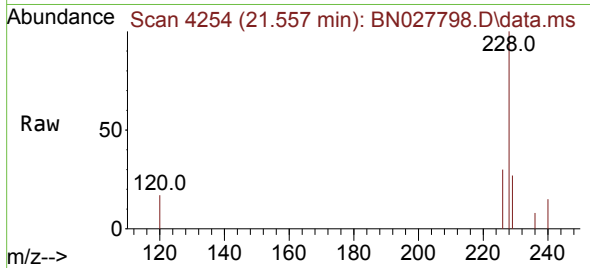




#21
Benzo(a)anthracene
Concen: 0.304 ng/ul
RT: 21.557 min Scan# 41
Delta R.T. 0.003 min
Lab File: BN027798.D
Acq: 21 Sep 2023 21:55

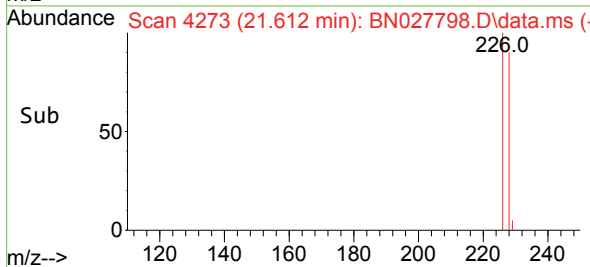
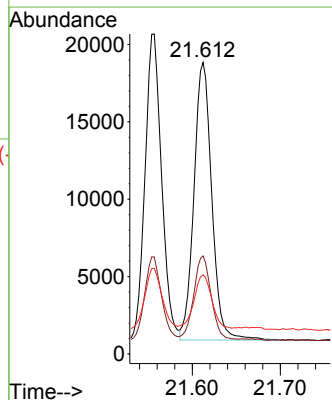
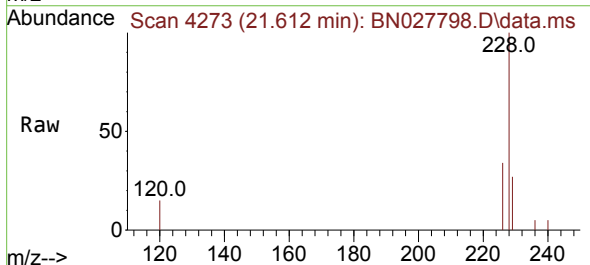
Instrument :
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SLCS450

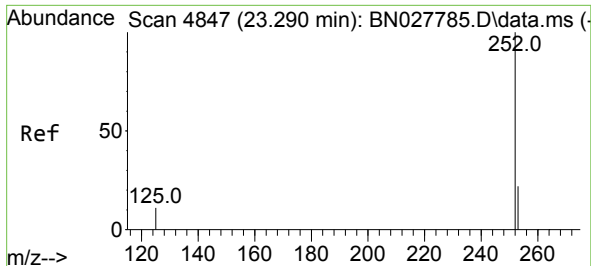
Tgt Ion:228 Resp: 26088
Ion Ratio Lower Upper
228 100
229 26.8 15.8 23.8#
226 30.3 22.0 33.0



#22
Chrysene
Concen: 0.285 ng/ul
RT: 21.612 min Scan# 4273
Delta R.T. 0.003 min
Lab File: BN027798.D
Acq: 21 Sep 2023 21:55

Tgt Ion:228 Resp: 25270
Ion Ratio Lower Upper
228 100
226 33.6 24.5 36.7
229 27.1 16.0 24.0#

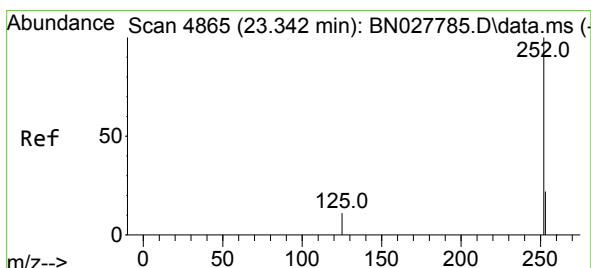
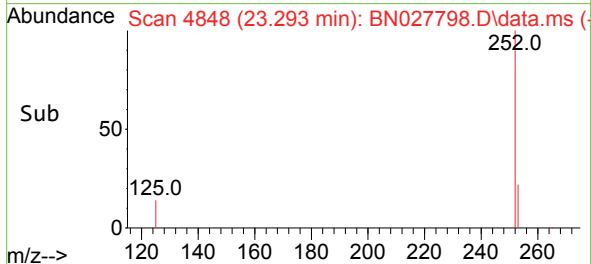
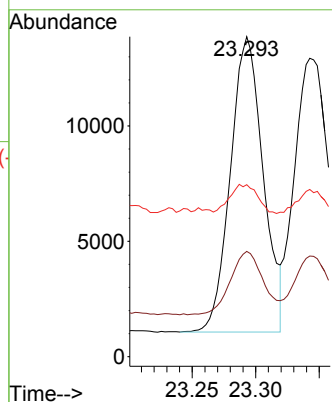
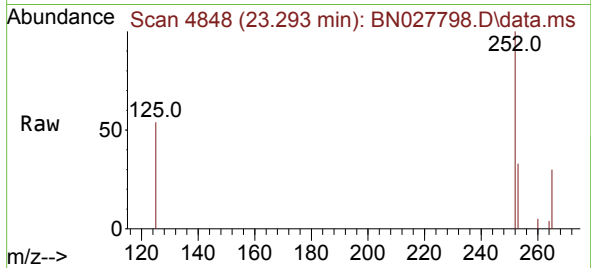




#24
Benzo(b)fluoranthene
Concen: 0.258 ng/ul
RT: 23.293 min Scan# 4847
Delta R.T. 0.003 min
Lab File: BN027798.D
Acq: 21 Sep 2023 21:55

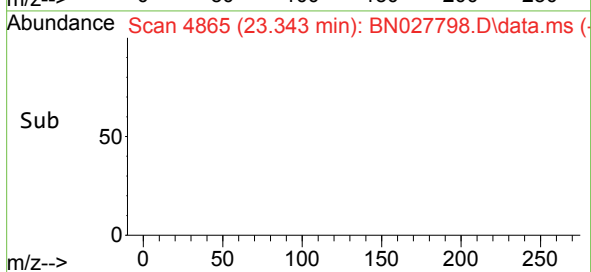
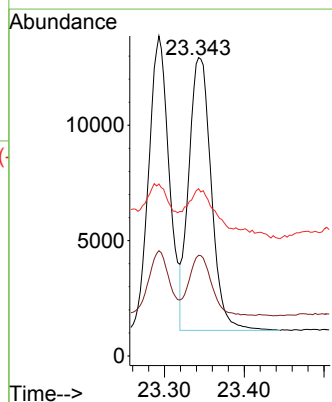
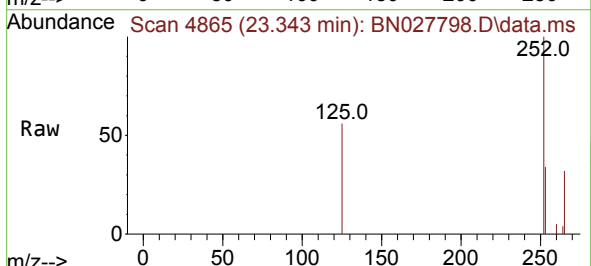
Instrument :
BNA_N
ClientSampleId :
SLCS450

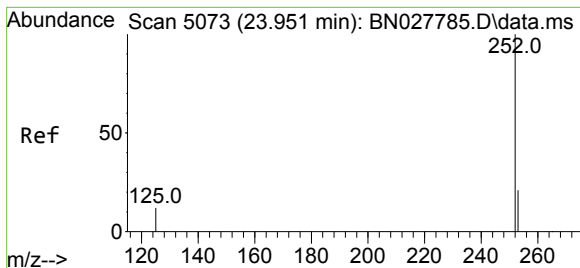
Tgt Ion:252 Resp: 22984
Ion Ratio Lower Upper
252 100
253 32.9 0.0 50.2
125 53.7 0.0 31.4#



#25
Benzo(k)fluoranthene
Concen: 0.268 ng/ul
RT: 23.343 min Scan# 4865
Delta R.T. 0.000 min
Lab File: BN027798.D
Acq: 21 Sep 2023 21:55

Tgt Ion:252 Resp: 23166
Ion Ratio Lower Upper
252 100
253 33.7 19.9 29.9#
125 56.1 12.6 19.0#





#26

Benzo(a)pyrene

Concen: 0.275 ng/ul

RT: 23.957 min Scan# 5073

Delta R.T. 0.006 min

Lab File: BN027798.D

Acq: 21 Sep 2023 21:55

Instrument :

BNA_N

ClientSampleId :

SLCS450

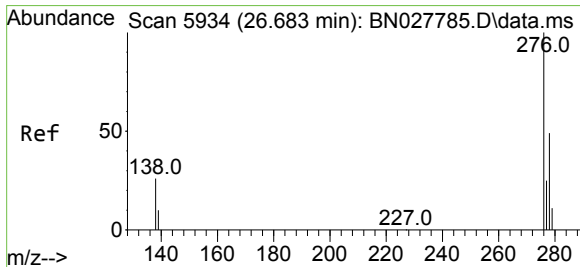
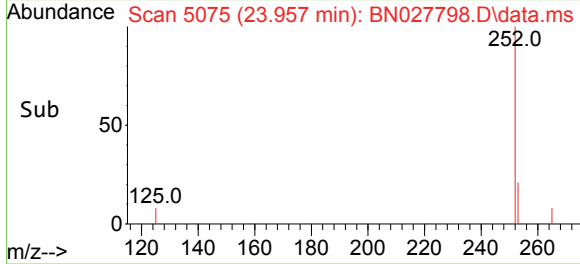
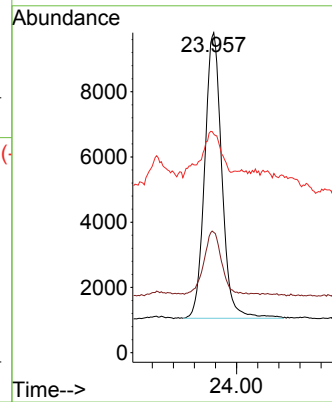
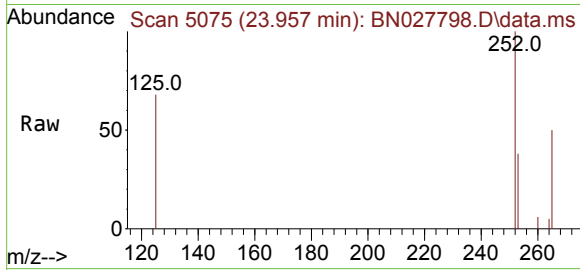
Tgt Ion:252 Resp: 19671

Ion Ratio Lower Upper

252 100

253 37.6 21.9 32.9#

125 68.3 15.5 23.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.237 ng/ul

RT: 26.690 min Scan# 5936

Delta R.T. 0.007 min

Lab File: BN027798.D

Acq: 21 Sep 2023 21:55

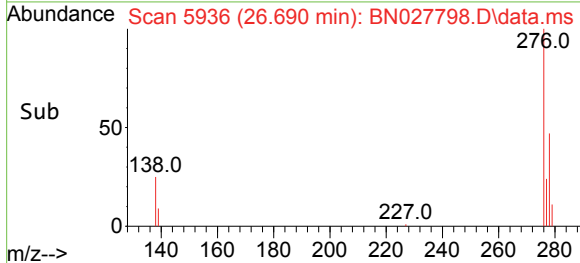
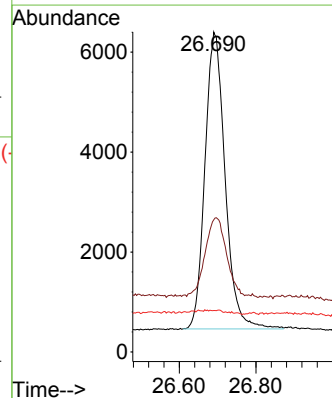
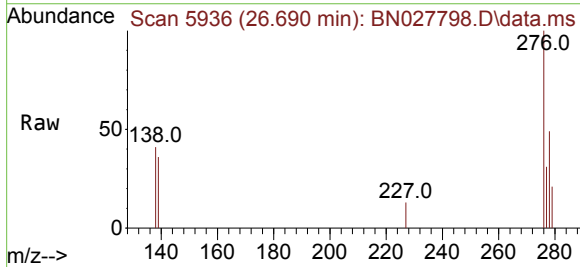
Tgt Ion:276 Resp: 21750

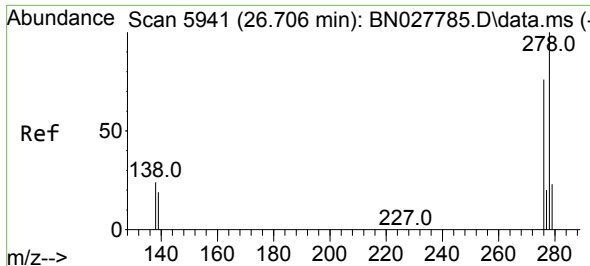
Ion Ratio Lower Upper

276 100

138 28.0 24.3 36.5

227 0.0 0.0 0.0

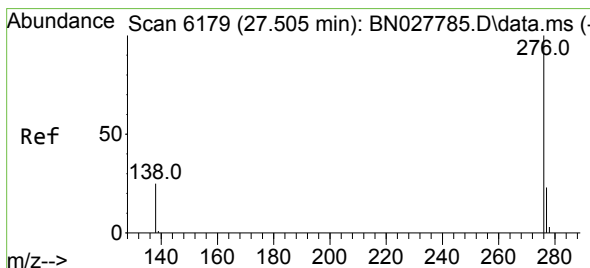
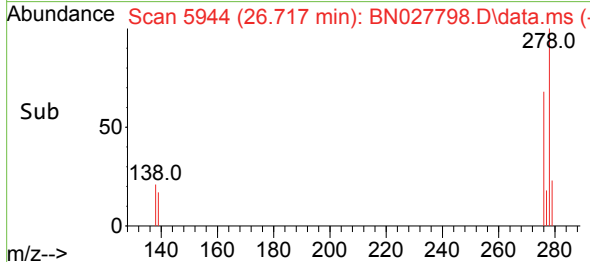
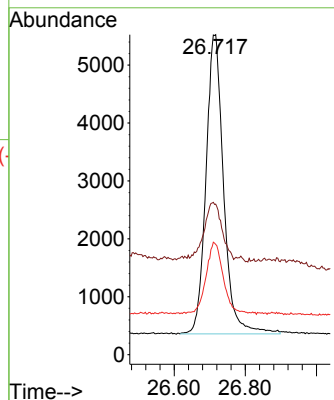
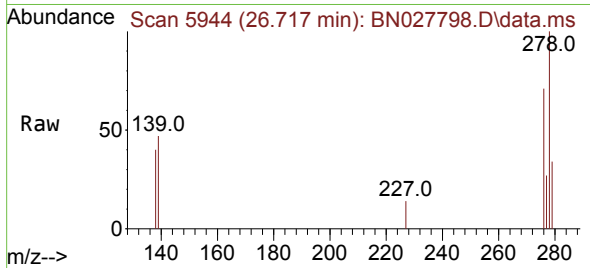




#28
 Dibenzo(a,h)anthracene
 Concen: 0.240 ng/ul
 RT: 26.717 min Scan# 5944
 Delta R.T. 0.010 min
 Lab File: BN027798.D
 Acq: 21 Sep 2023 21:55

Instrument :
 BNA_N
 ClientSampleId :
 SLCS450

Tgt Ion:278 Resp: 17766
 Ion Ratio Lower Upper
 278 100
 139 47.0 17.2 25.8#
 279 34.4 21.4 32.0#



#29
 Benzo(g,h,i)perylene
 Concen: 0.224 ng/ul
 RT: 27.508 min Scan# 6180
 Delta R.T. 0.004 min
 Lab File: BN027798.D
 Acq: 21 Sep 2023 21:55

Tgt Ion:276 Resp: 17488
 Ion Ratio Lower Upper
 276 100
 138 40.9 21.7 32.5#
 277 31.5 20.2 30.2#

