

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071923\
 Data File : BN026599.D
 Acq On : 19 Jul 2023 16:34
 Operator : MA/JU
 Sample : PB154197BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS197

Quant Time: Jul 19 18:18:18 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 19 15:54:02 2023
 Response via : Initial Calibration

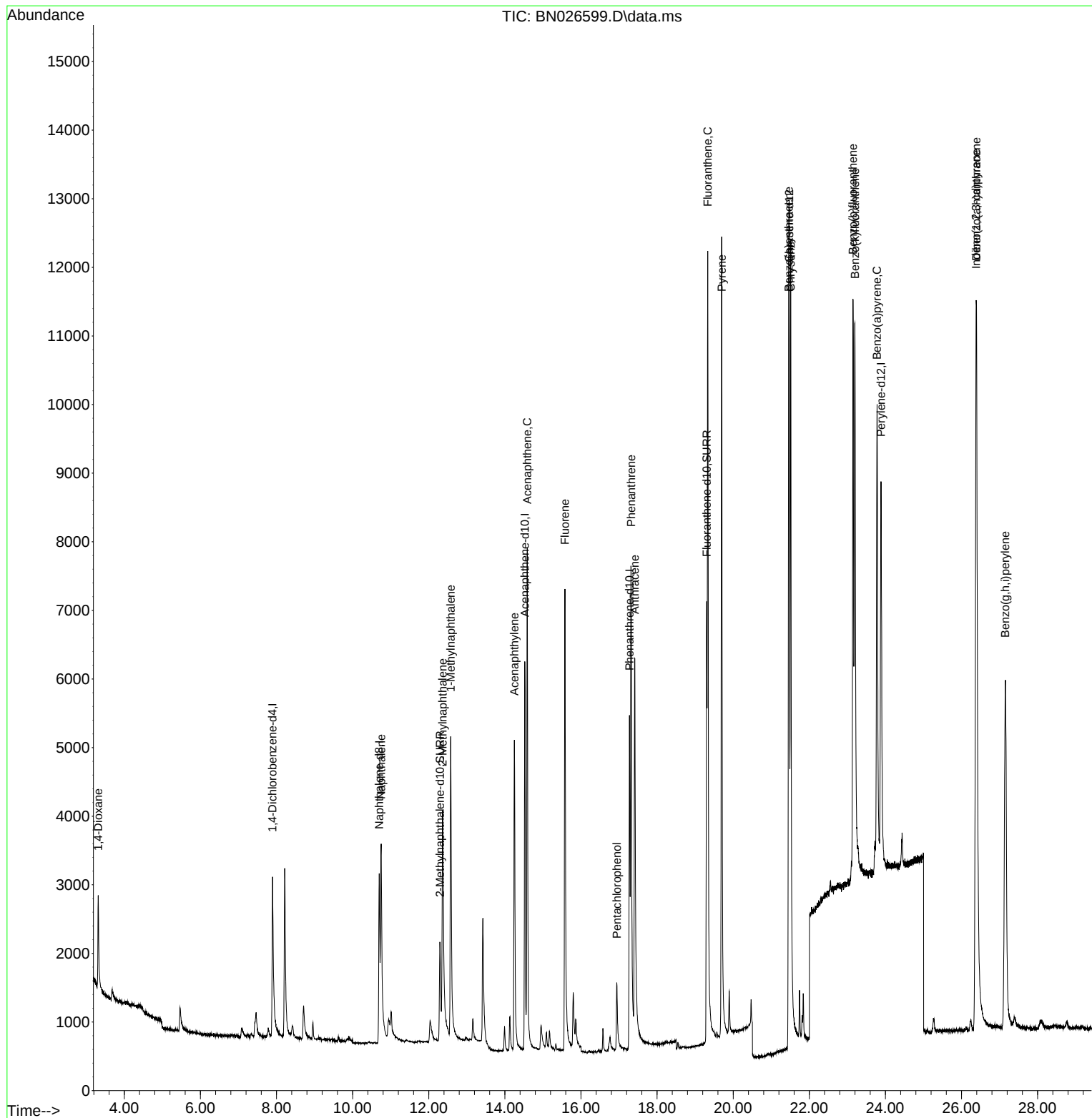
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	1884	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.698	136	5412	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.524	164	3560	0.400	ng/ul	-0.05
13) Phenanthrene-d10	17.275	188	7943	0.400	ng/ul	#-0.06
17) Chrysene-d12	21.473	240	7900	0.400	ng/ul	#-0.05
23) Perylene-d12	23.882	264	9259	0.400	ng/ul	#-0.08
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/ul	
6) 2-Methylnaphthalene-d10	12.293	152	3024	0.411	ng/ul	-0.04
18) Fluoranthene-d10	19.303	212	9554	0.349	ng/ul	-0.06
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.314	88	1116	0.475	ng/ul#	89
5) Naphthalene	10.748	128	5667	0.381	ng/ul	99
7) 2-Methylnaphthalene	12.365	142	3700	0.439	ng/ul	100
8) 1-Methylnaphthalene	12.579	142	3835	0.425	ng/ul	100
10) Acenaphthylene	14.251	152	6944	0.398	ng/ul	99
11) Acenaphthene	14.589	153	5085	0.383	ng/ul	99
12) Fluorene	15.579	166	5931	0.426	ng/ul	99
14) Pentachlorophenol	16.941	266	1012	0.505	ng/ul	97
15) Phenanthrene	17.317	178	9527	0.377	ng/ul	100
16) Anthracene	17.410	178	9012	0.411	ng/ul	98
19) Fluoranthene	19.331	202	12701	0.343	ng/ul#	94
20) Pyrene	19.698	202	13360	0.332	ng/ul#	92
21) Benzo(a)anthracene	21.459	228	11571	0.399	ng/ul	97
22) Chrysene	21.511	228	12378	0.375	ng/ul	100
24) Benzo(b)fluoranthene	23.148	252	12609	0.350	ng/ul	87
25) Benzo(k)fluoranthene	23.198	252	13966	0.369	ng/ul#	88
26) Benzo(a)pyrene	23.779	252	13028	0.406	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.383	276	17008	0.404	ng/ul#	76
28) Dibenzo(a,h)anthracene	26.393	278	13845	0.429	ng/ul#	84
29) Benzo(g,h,i)perylene	27.151	276	14535	0.391	ng/ul#	86

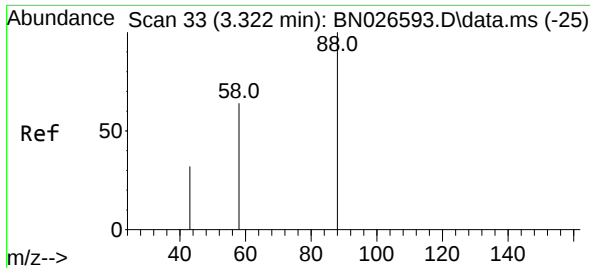
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 19 18:18:18 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 19 15:54:02 2023
Response via : Initial Calibration

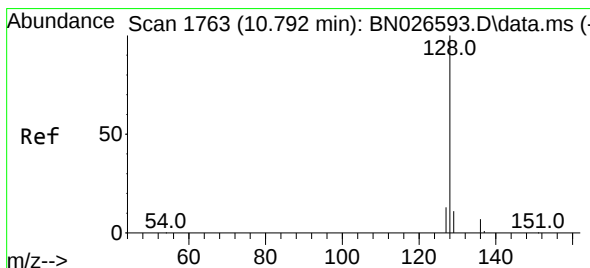
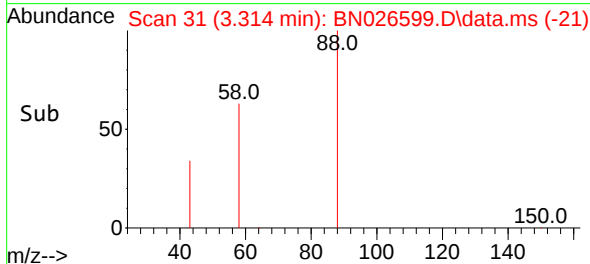
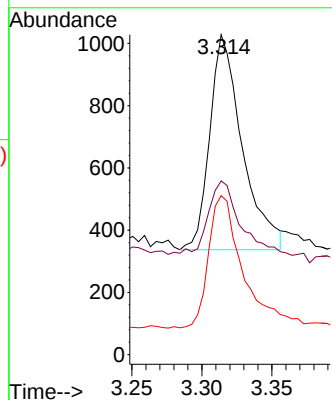
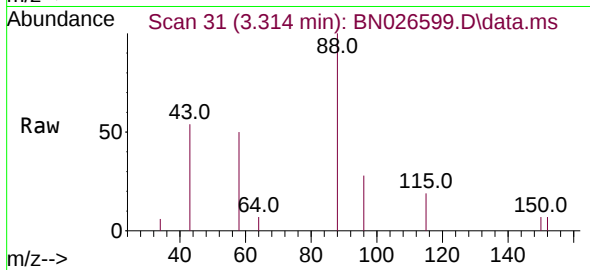




#2
1,4-Dioxane
Concen: 0.475 ng/ul
RT: 3.314 min Scan# 31
Delta R.T. -0.009 min
Lab File: BN026599.D
Acq: 19 Jul 2023 16:34

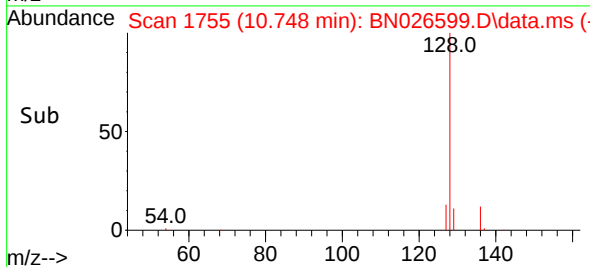
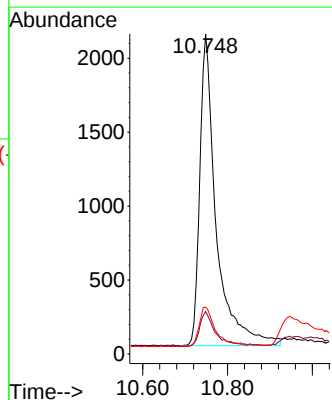
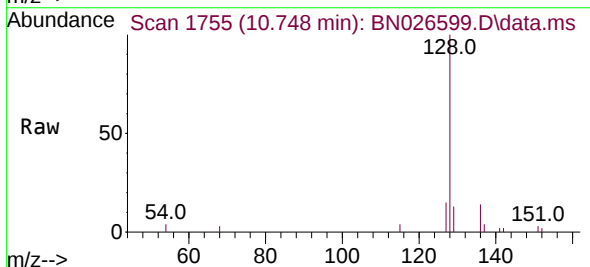
Instrument :
BNA_N
ClientSampleId :
SLCS197

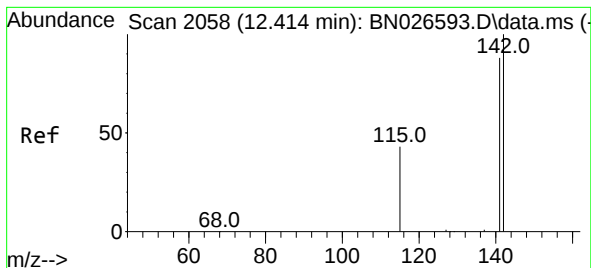
Tgt Ion: 88 Resp: 1116
Ion Ratio Lower Upper
88 100
43 54.3 33.0 49.6#
58 49.7 41.7 62.5



#5
Naphthalene
Concen: 0.381 ng/ul
RT: 10.748 min Scan# 1755
Delta R.T. -0.044 min
Lab File: BN026599.D
Acq: 19 Jul 2023 16:34

Tgt Ion:128 Resp: 5667
Ion Ratio Lower Upper
128 100
129 13.3 10.2 15.2
127 14.6 11.4 17.0

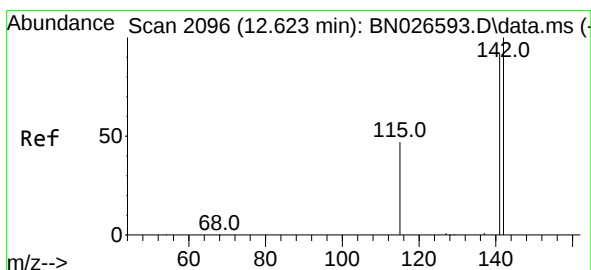
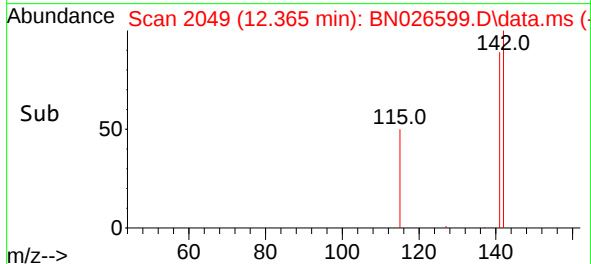
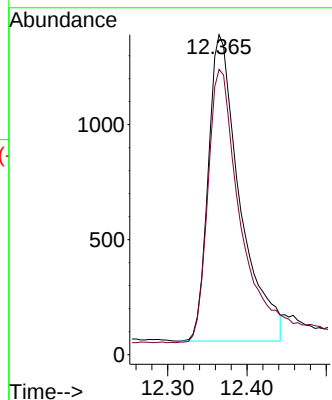
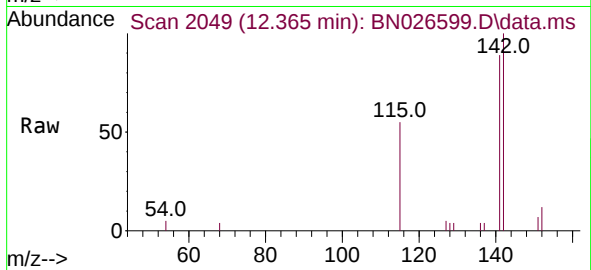




#7
2-Methylnaphthalene
Concen: 0.439 ng/ul
RT: 12.365 min Scan# 2049
Delta R.T. -0.050 min
Lab File: BN026599.D
Acq: 19 Jul 2023 16:34

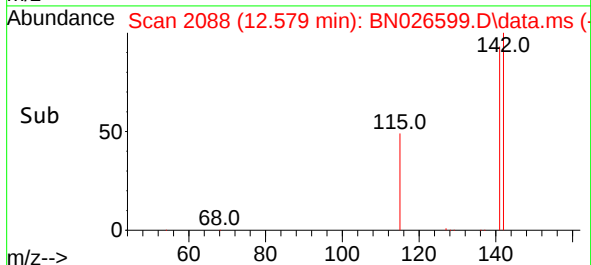
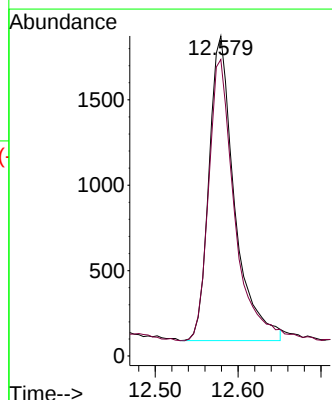
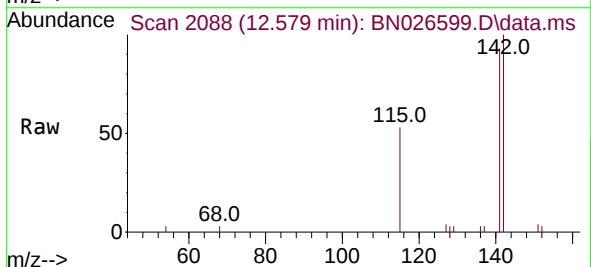
Instrument :
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ClientSampleId :
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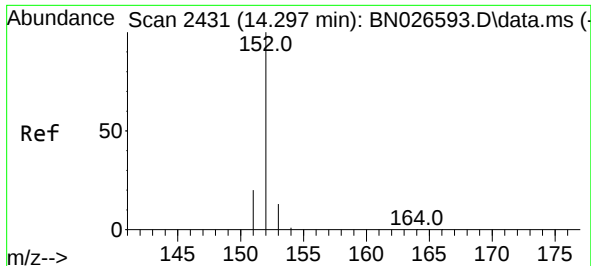
Tgt Ion:142 Resp: 3700
Ion Ratio Lower Upper
142 100
141 90.8 72.3 108.5



#8
1-Methylnaphthalene
Concen: 0.425 ng/ul
RT: 12.579 min Scan# 2088
Delta R.T. -0.044 min
Lab File: BN026599.D
Acq: 19 Jul 2023 16:34

Tgt Ion:142 Resp: 3835
Ion Ratio Lower Upper
142 100
141 92.7 74.5 111.7

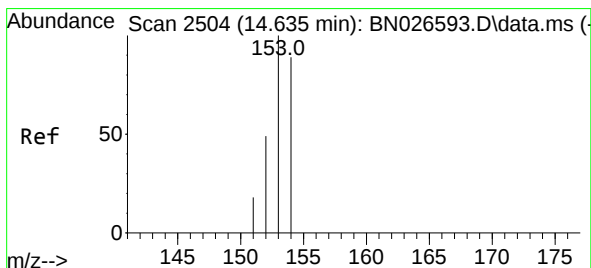
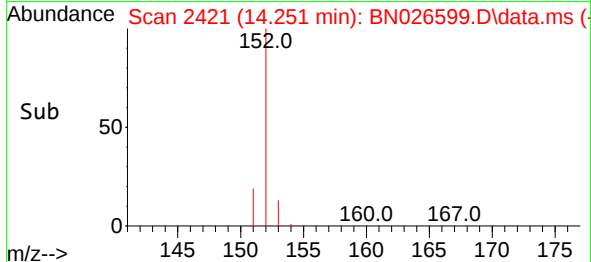
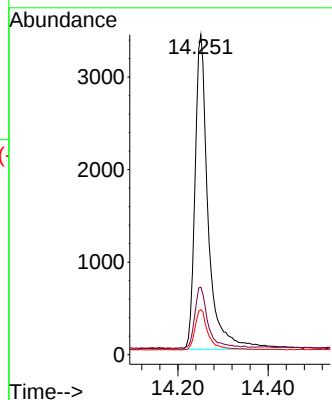
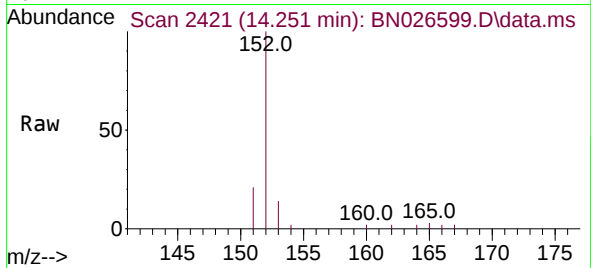




#10
Acenaphthylene
Concen: 0.398 ng/ul
RT: 14.251 min Scan# 2421
Delta R.T. -0.046 min
Lab File: BN026599.D
Acq: 19 Jul 2023 16:34

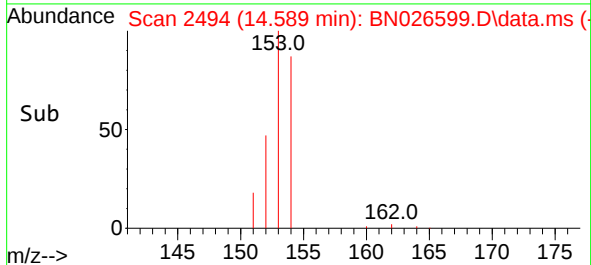
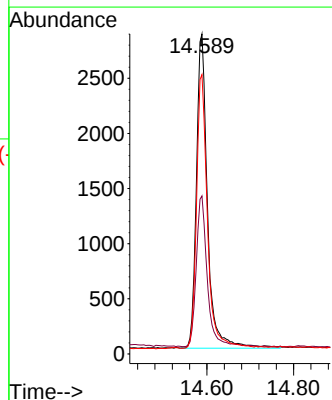
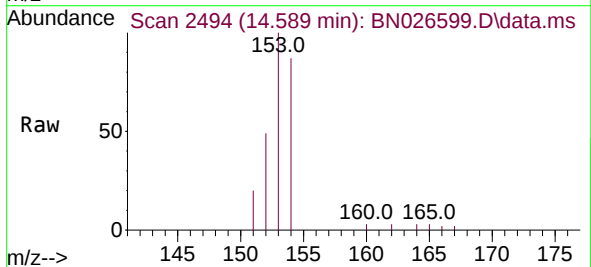
Instrument :
BNA_N
ClientSampleId :
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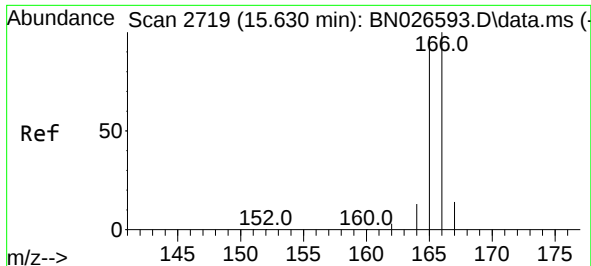
Tgt Ion:152 Resp: 6944
Ion Ratio Lower Upper
152 100
151 21.1 17.0 25.6
153 14.0 11.4 17.2



#11
Acenaphthene
Concen: 0.383 ng/ul
RT: 14.589 min Scan# 2494
Delta R.T. -0.046 min
Lab File: BN026599.D
Acq: 19 Jul 2023 16:34

Tgt Ion:153 Resp: 5085
Ion Ratio Lower Upper
153 100
152 49.4 40.2 60.4
154 87.3 69.3 103.9

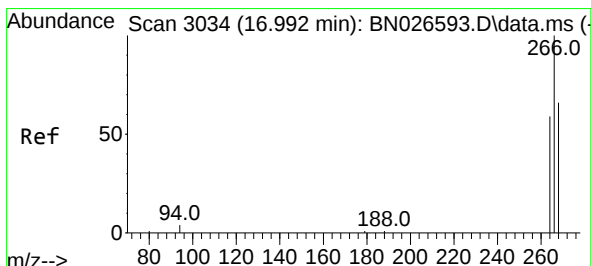
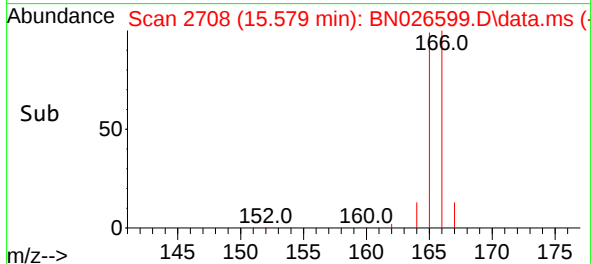
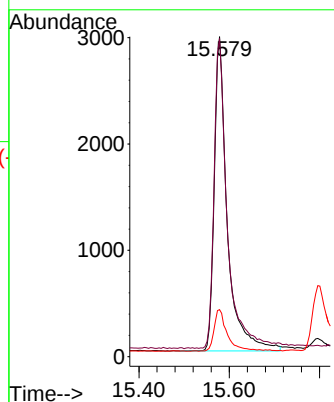
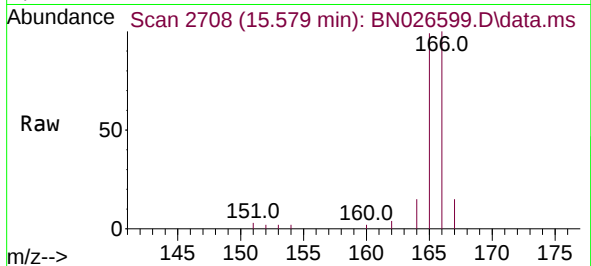




#12
Fluorene
Concen: 0.426 ng/ul
RT: 15.579 min Scan# 21
Delta R.T. -0.051 min
Lab File: BN026599.D
Acq: 19 Jul 2023 16:34

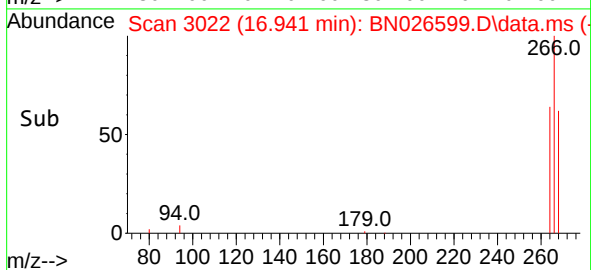
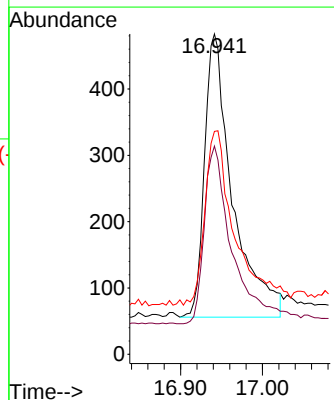
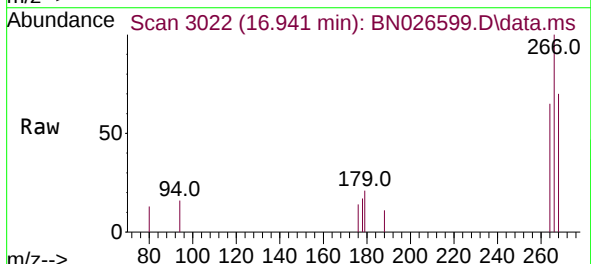
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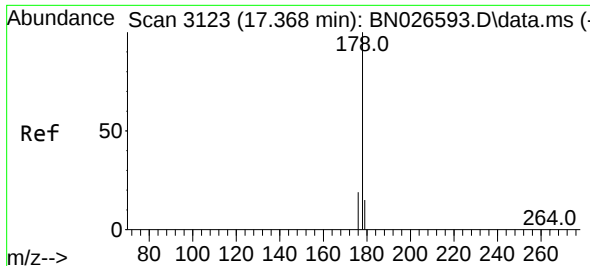
Tgt Ion:166 Resp: 5931
Ion Ratio Lower Upper
166 100
165 99.4 80.6 120.8
167 14.7 12.0 18.0



#14
Pentachlorophenol
Concen: 0.505 ng/ul
RT: 16.941 min Scan# 3022
Delta R.T. -0.051 min
Lab File: BN026599.D
Acq: 19 Jul 2023 16:34

Tgt Ion:266 Resp: 1012
Ion Ratio Lower Upper
266 100
264 62.1 52.0 78.0
268 64.4 53.0 79.6

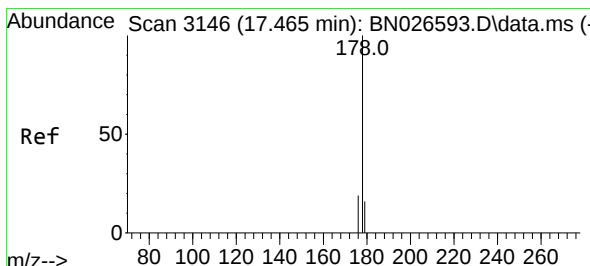
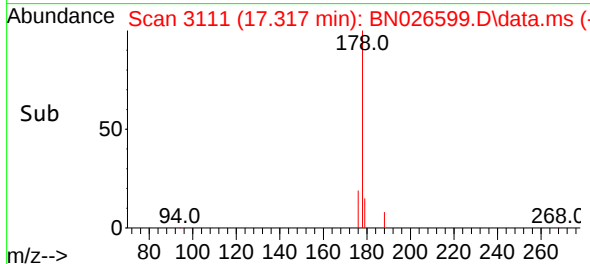
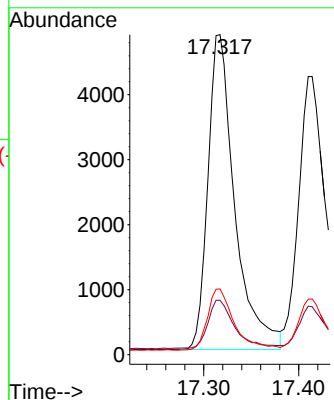
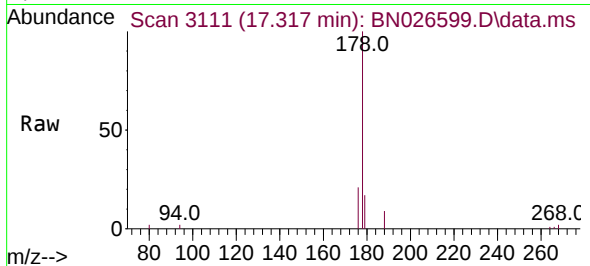




#15
Phenanthrene
Concen: 0.377 ng/ul
RT: 17.317 min Scan# 3111
Delta R.T. -0.051 min
Lab File: BN026599.D
Acq: 19 Jul 2023 16:34

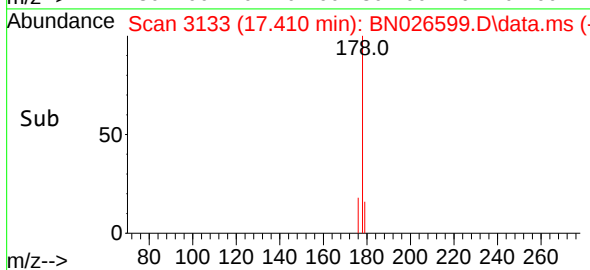
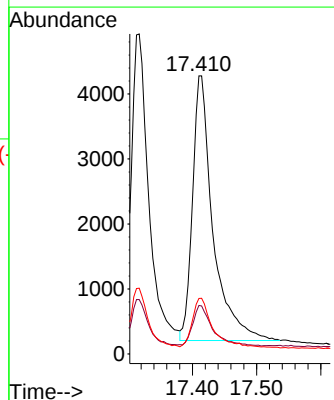
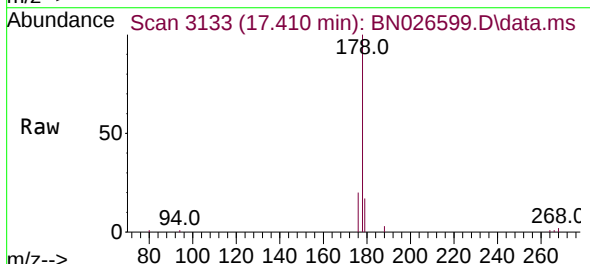
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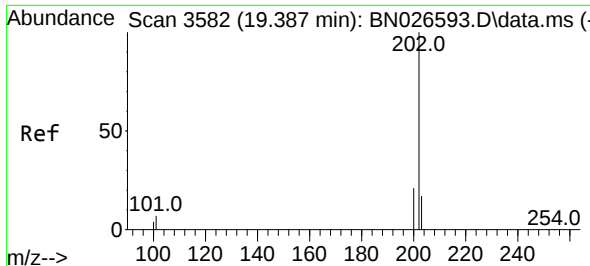
Tgt Ion:178 Resp: 9527
Ion Ratio Lower Upper
178 100
179 17.0 13.7 20.5
176 20.5 16.5 24.7



#16
Anthracene
Concen: 0.411 ng/ul
RT: 17.410 min Scan# 3133
Delta R.T. -0.055 min
Lab File: BN026599.D
Acq: 19 Jul 2023 16:34

Tgt Ion:178 Resp: 9012
Ion Ratio Lower Upper
178 100
179 17.4 14.8 22.2
176 19.9 16.6 25.0

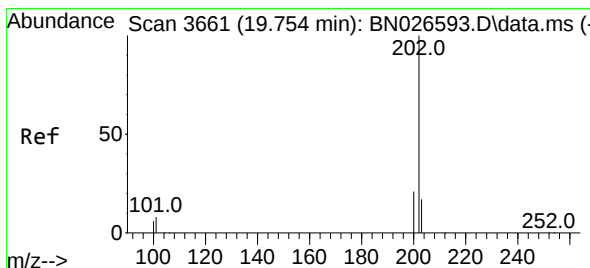
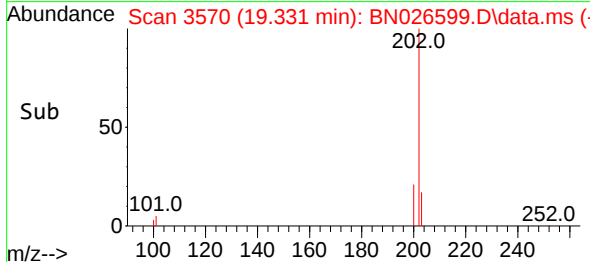
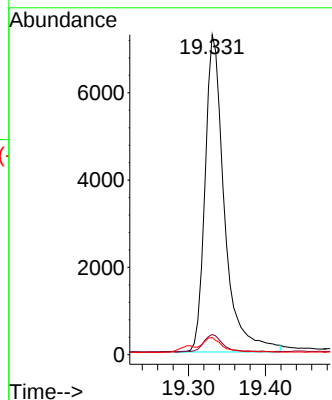
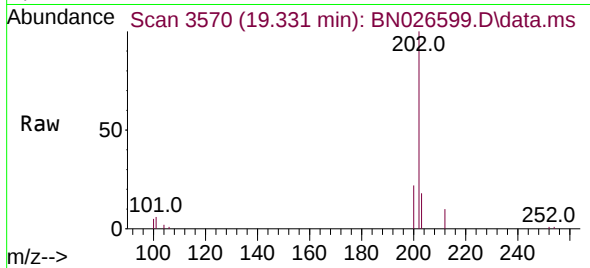




#19
Fluoranthene
Concen: 0.343 ng/u1
RT: 19.331 min Scan# 31
Delta R.T. -0.056 min
Lab File: BN026599.D
Acq: 19 Jul 2023 16:34

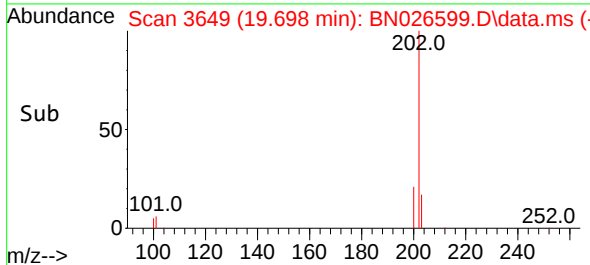
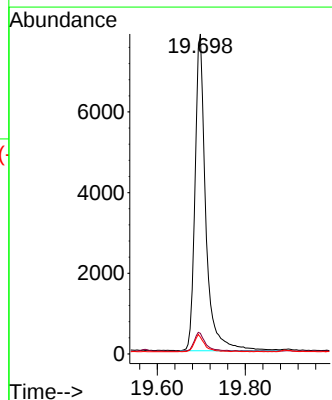
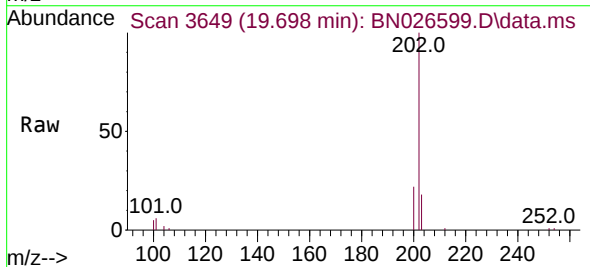
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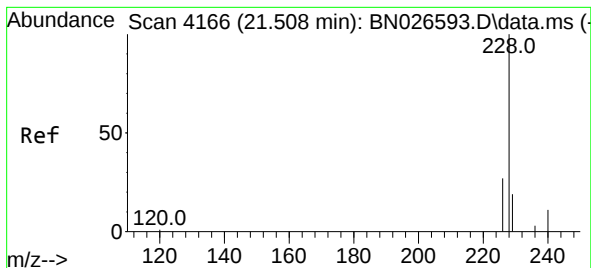
Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.3	7.0	10.4#
100	5.4	6.0	9.0#



#20
Pyrene
Concen: 0.332 ng/u1
RT: 19.698 min Scan# 3649
Delta R.T. -0.056 min
Lab File: BN026599.D
Acq: 19 Jul 2023 16:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.5	8.0	12.0#
100	5.2	6.2	9.2#





#21

Benzo(a)anthracene

Concen: 0.399 ng/ul

RT: 21.459 min Scan# 41

Delta R.T. -0.050 min

Lab File: BN026599.D

Acq: 19 Jul 2023 16:34

Instrument :

BNA_N

ClientSampleId :

SLCS197

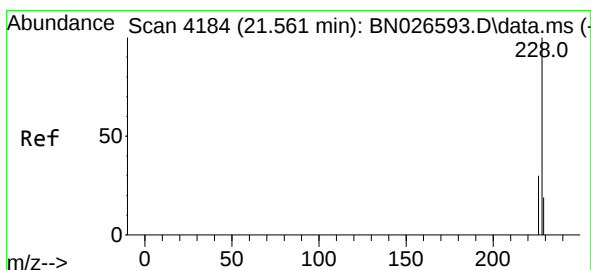
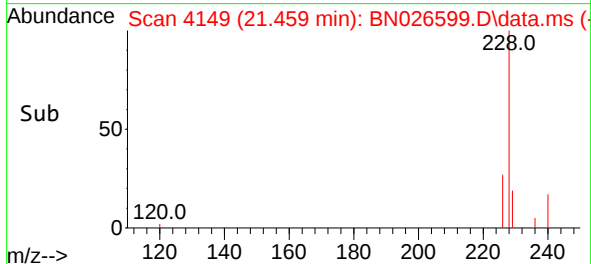
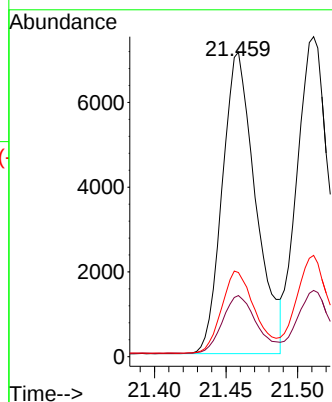
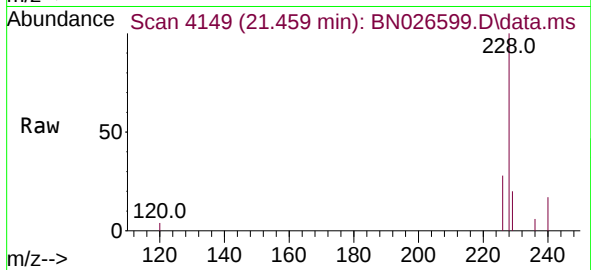
Tgt Ion:228 Resp: 11571

Ion Ratio Lower Upper

228 100

229 20.1 16.7 25.1

226 27.6 23.5 35.3



#22

Chrysene

Concen: 0.375 ng/ul

RT: 21.511 min Scan# 4167

Delta R.T. -0.050 min

Lab File: BN026599.D

Acq: 19 Jul 2023 16:34

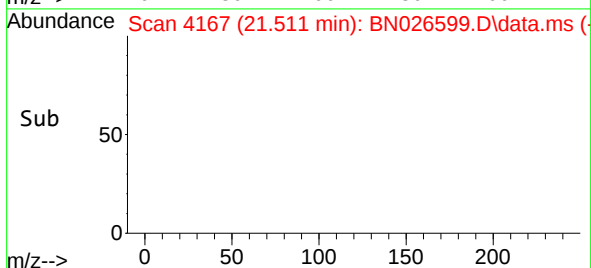
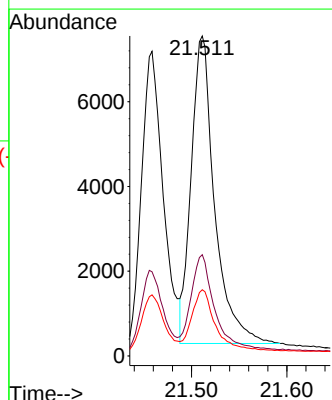
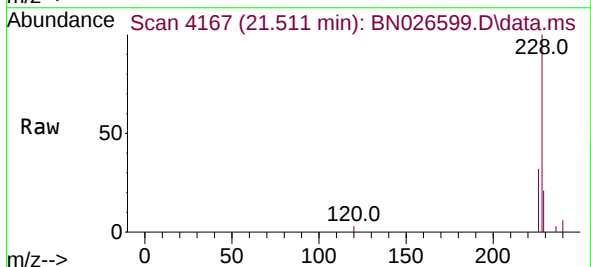
Tgt Ion:228 Resp: 12378

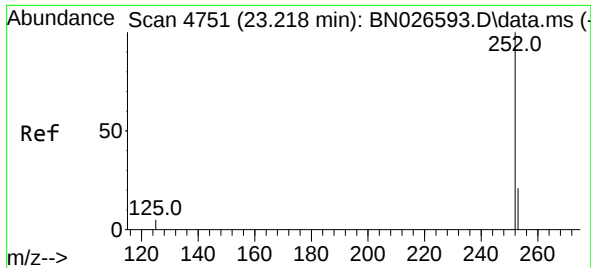
Ion Ratio Lower Upper

228 100

226 31.6 25.2 37.8

229 20.7 16.4 24.6

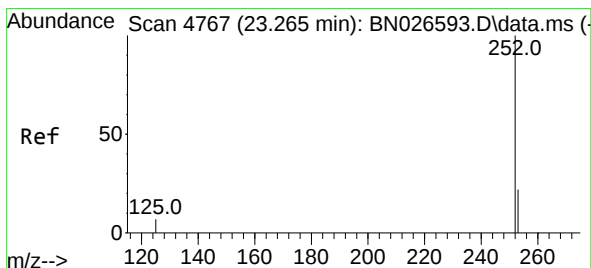
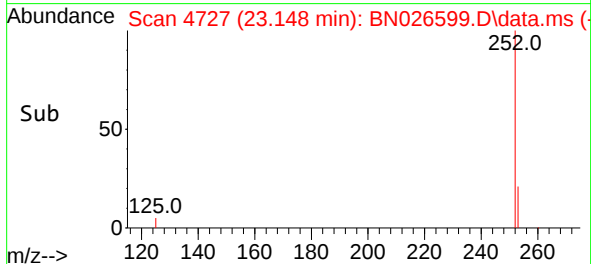
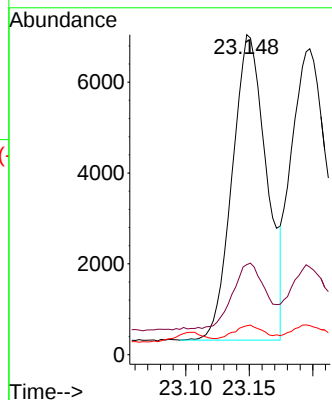
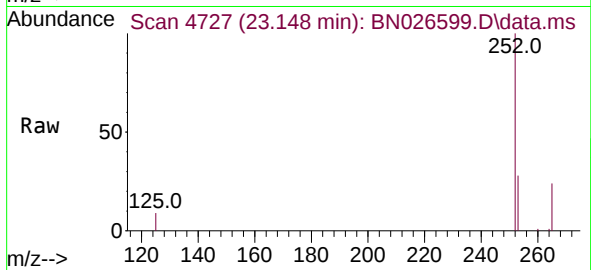




#24
Benzo(b)fluoranthene
Concen: 0.350 ng/ul
RT: 23.148 min Scan# 4744
Delta R.T. -0.070 min
Lab File: BN026599.D
Acq: 19 Jul 2023 16:34

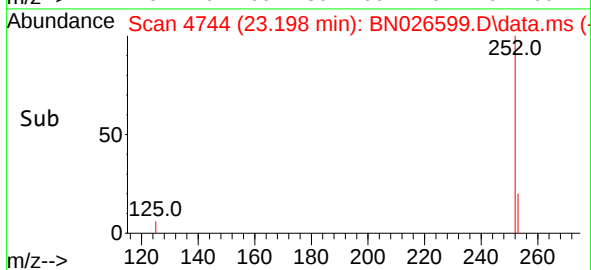
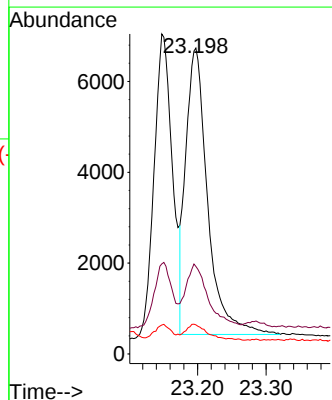
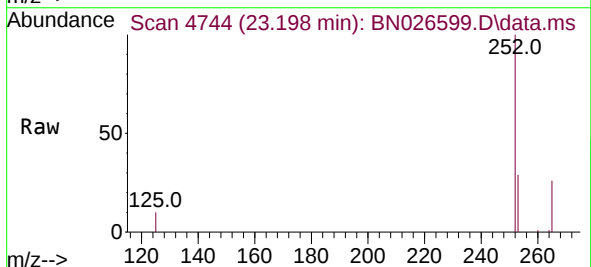
Instrument :
BNA_N
ClientSampleId :
SLCS197

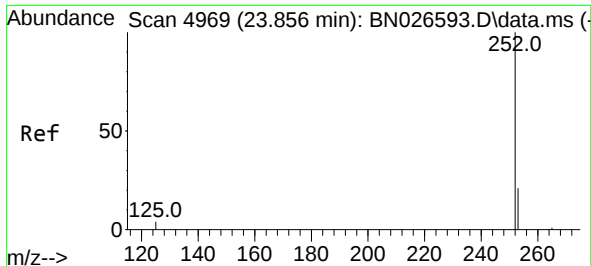
Tgt Ion:252 Resp: 12609
Ion Ratio Lower Upper
252 100
253 28.2 0.0 68.6
125 9.1 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.369 ng/ul
RT: 23.198 min Scan# 4744
Delta R.T. -0.067 min
Lab File: BN026599.D
Acq: 19 Jul 2023 16:34

Tgt Ion:252 Resp: 13966
Ion Ratio Lower Upper
252 100
253 28.6 27.2 40.8
125 9.5 13.4 20.2#

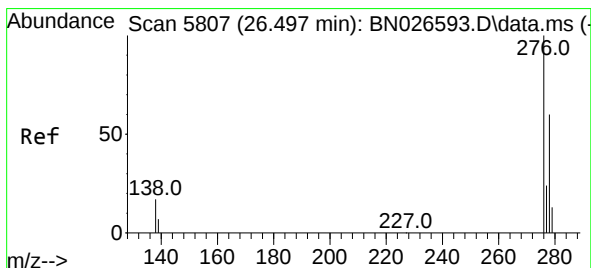
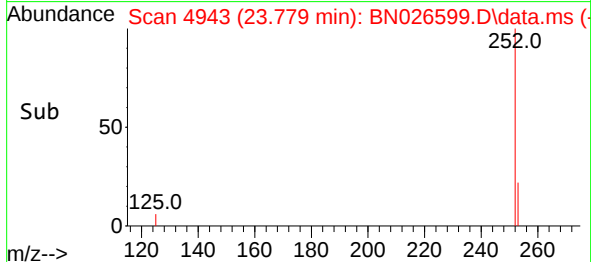
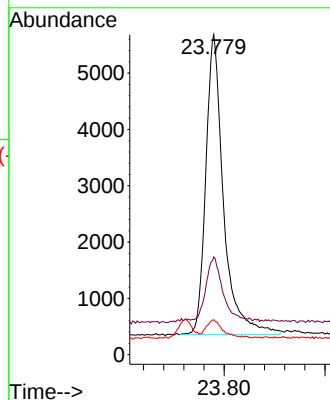
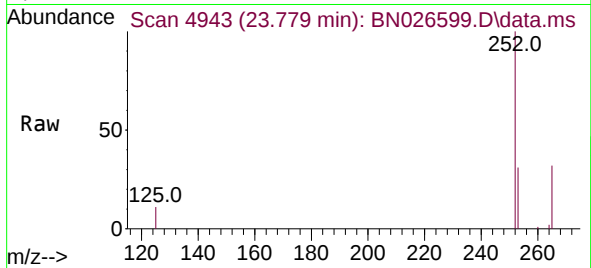




#26
Benzo(a)pyrene
Concen: 0.406 ng/ul
RT: 23.779 min Scan# 4969
Delta R.T. -0.076 min
Lab File: BN026599.D
Acq: 19 Jul 2023 16:34

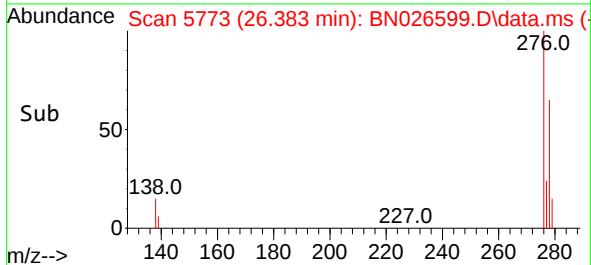
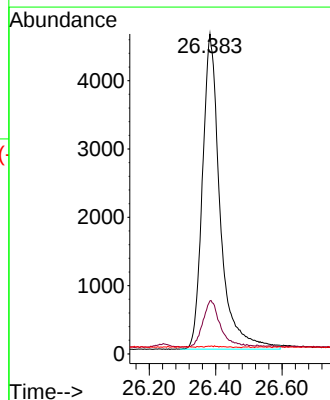
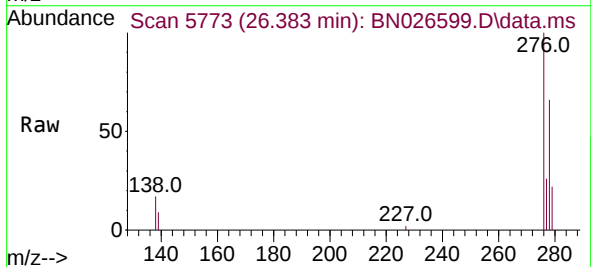
Instrument :
BNA_N
ClientSampleId :
SLCS197

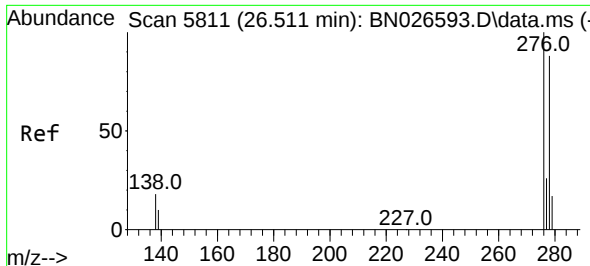
Tgt Ion:252 Resp: 13028
Ion Ratio Lower Upper
252 100
253 30.6 32.6 49.0#
125 10.9 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.404 ng/ul
RT: 26.383 min Scan# 5773
Delta R.T. -0.114 min
Lab File: BN026599.D
Acq: 19 Jul 2023 16:34

Tgt Ion:276 Resp: 17008
Ion Ratio Lower Upper
276 100
138 14.9 22.2 33.4#
227 0.1 0.1 0.1

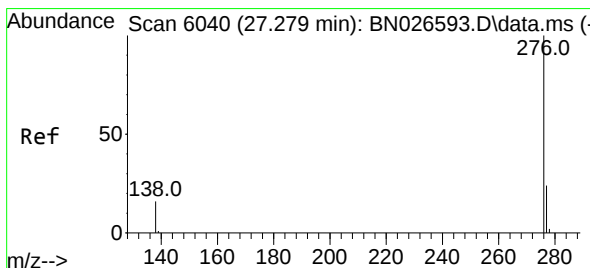
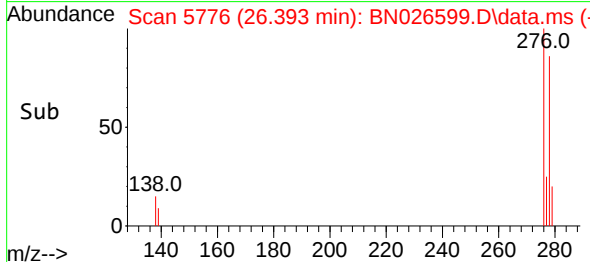
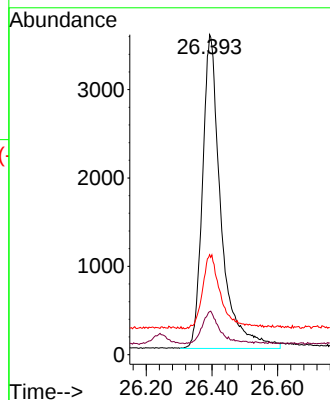
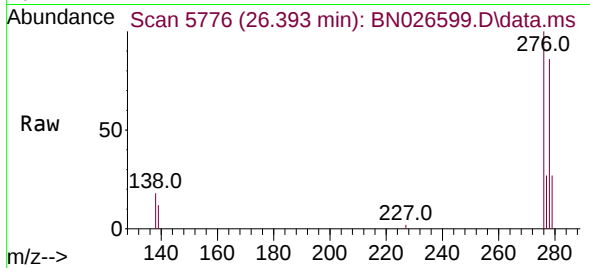




#28
 Dibenzo(a,h)anthracene
 Concen: 0.429 ng/ul
 RT: 26.393 min Scan# 51
 Delta R.T. -0.118 min
 Lab File: BN026599.D
 Acq: 19 Jul 2023 16:34

Instrument :
 BNA_N
 ClientSampleId :
 SLCS197

Tgt Ion:278 Resp: 13845
 Ion Ratio Lower Upper
 278 100
 139 13.4 18.9 28.3#
 279 31.2 31.3 46.9#



#29
 Benzo(g,h,i)perylene
 Concen: 0.391 ng/ul
 RT: 27.151 min Scan# 6002
 Delta R.T. -0.128 min
 Lab File: BN026599.D
 Acq: 19 Jul 2023 16:34

Tgt Ion:276 Resp: 14535
 Ion Ratio Lower Upper
 276 100
 138 15.4 22.6 34.0#
 277 25.9 21.8 32.8

