

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
 Data File : BN024498.D
 Acq On : 23 Mar 2023 03:01
 Operator : CG/JU
 Sample : PB151553BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS553

Quant Time: Mar 23 03:34:39 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 03:32:22 2023
 Response via : Initial Calibration

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

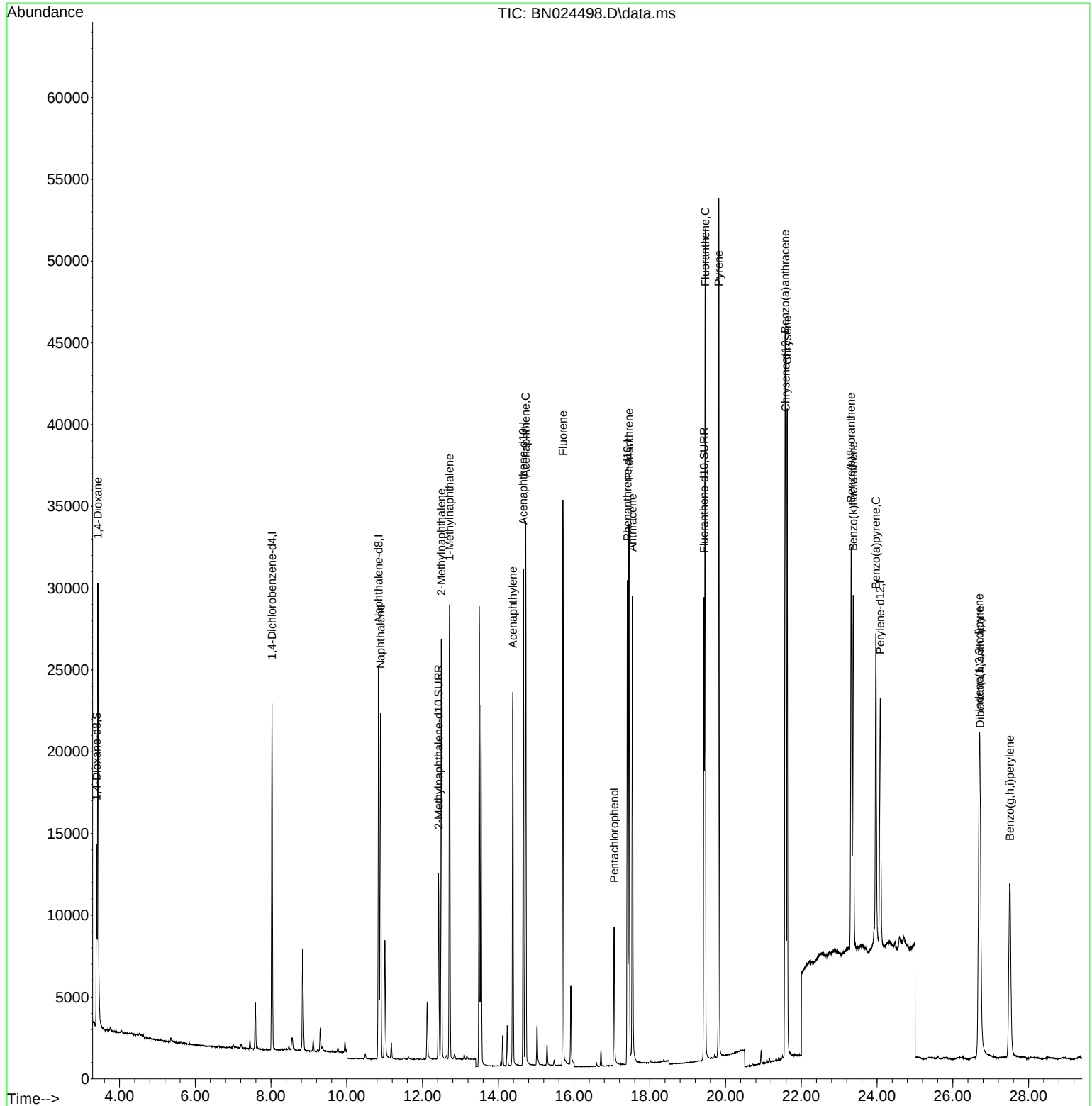
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.025	152	10776	0.400	ng/u1	0.00
4) Naphthalene-d8	10.839	136	31165	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.661	164	16309	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.409	188	34965	0.400	ng/u1	0.00
17) Chrysene-d12	21.586	240	27010	0.400	ng/u1	0.00
23) Perylene-d12	24.082	264	24483	0.400	ng/u1	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	7222	0.609	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.423	152	14272	0.385	ng/u1	0.00
18) Fluoranthene-d10	19.432	212	29704	0.413	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.427	88	18678	1.448	ng/u1	91
5) Naphthalene	10.889	128	29011	0.373	ng/u1	100
7) 2-Methylnaphthalene	12.495	142	17894	0.379	ng/u1	100
8) 1-Methylnaphthalene	12.715	142	18851	0.380	ng/u1	100
10) Acenaphthylene	14.384	152	26055	0.383	ng/u1	99
11) Acenaphthene	14.721	153	19499	0.372	ng/u1	98
12) Fluorene	15.707	166	21719	0.371	ng/u1	98
14) Pentachlorophenol	17.059	266	6039	0.622	ng/u1#	72
15) Phenanthrene	17.447	178	35719	0.357	ng/u1	100
16) Anthracene	17.540	178	32163	0.366	ng/u1	99
19) Fluoranthene	19.459	202	41597	0.387	ng/u1	100
20) Pyrene	19.822	202	43293	0.397	ng/u1	99
21) Benzo(a)anthracene	21.568	228	35773	0.406	ng/u1	100
22) Chrysene	21.627	228	36238	0.389	ng/u1	99
24) Benzo(b)fluoranthene	23.316	252	34685	0.371	ng/u1	95
25) Benzo(k)fluoranthene	23.372	252	33952	0.350	ng/u1	94
26) Benzo(a)pyrene	23.968	252	28830	0.358	ng/u1	93
27) Indeno(1,2,3-cd)pyrene	26.696	276	32300	0.356	ng/u1#	100
28) Dibenzo(a,h)anthracene	26.720	278	24916	0.362	ng/u1	97
29) Benzo(g,h,i)perylene	27.505	276	27853	0.354	ng/u1	97

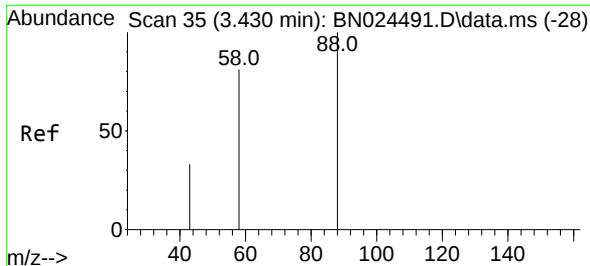
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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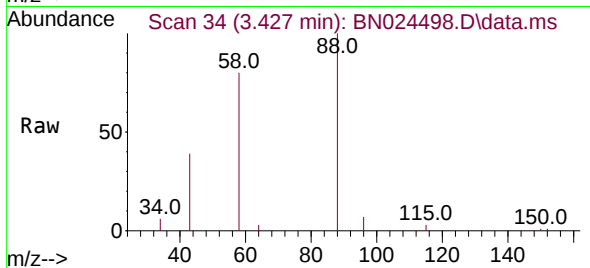
Quant Time: Mar 23 03:34:39 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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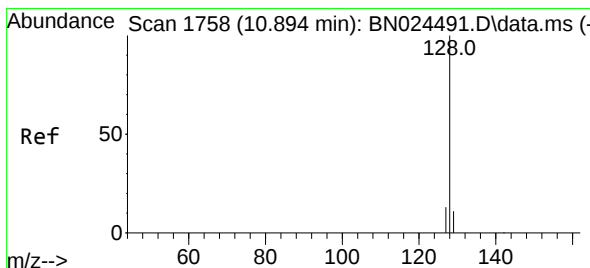
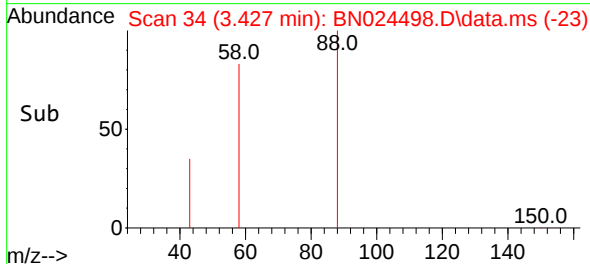
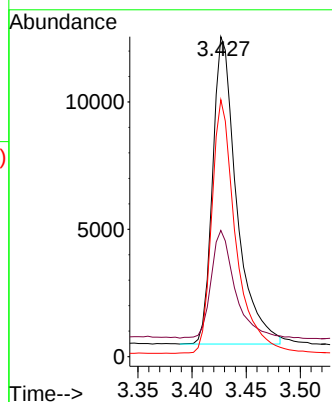
#2
1,4-Dioxane
Concen: 1.448 ng/ul
RT: 3.427 min Scan# 34
Delta R.T. -0.004 min
Lab File: BN024498.D
Acq: 23 Mar 2023 03:01

Instrument :
BNA_N
ClientSampleId :
SLCS553



Tgt Ion: 88 Resp: 18678

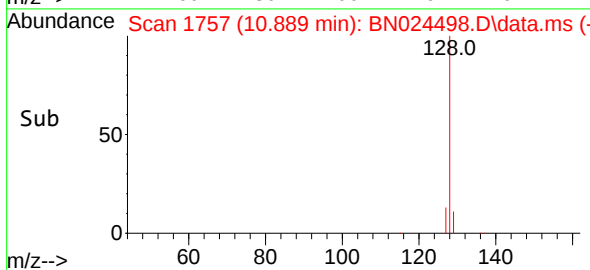
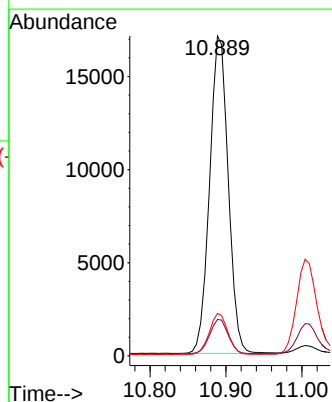
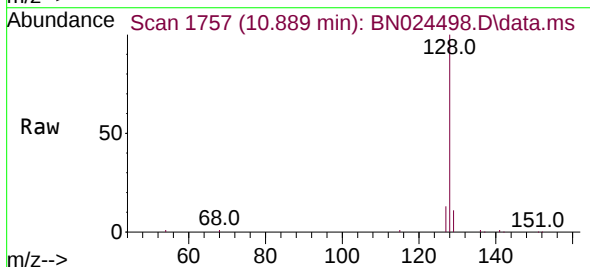
Ion	Ratio	Lower	Upper
88	100		
43	39.4	32.1	48.1
58	80.3	55.1	82.7

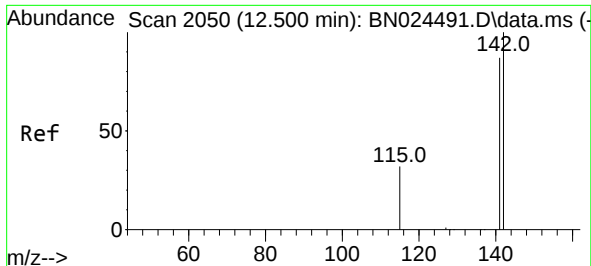


#5
Naphthalene
Concen: 0.373 ng/ul
RT: 10.889 min Scan# 1757
Delta R.T. -0.005 min
Lab File: BN024498.D
Acq: 23 Mar 2023 03:01

Tgt Ion: 128 Resp: 29011

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.3	10.5	15.7

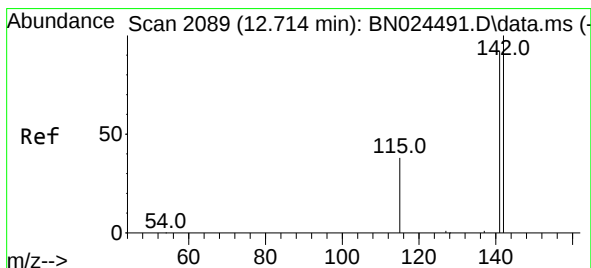
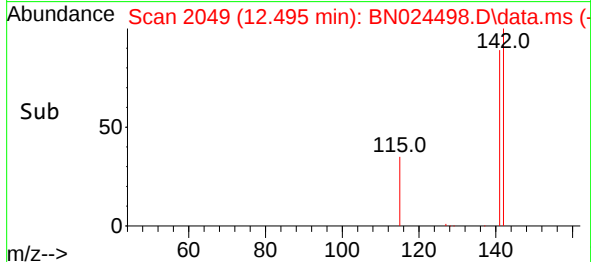
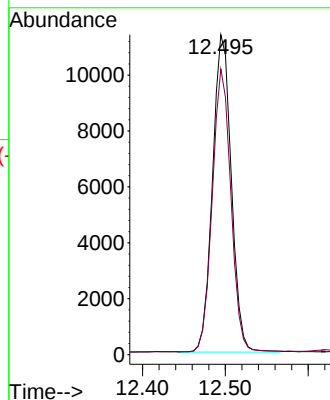
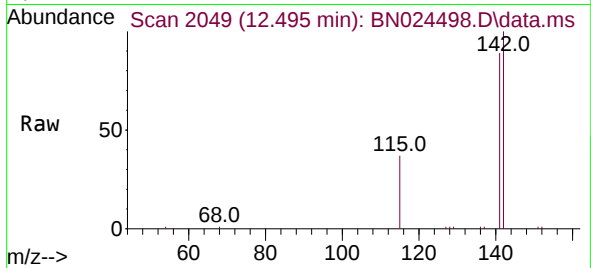




#7
2-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.495 min Scan# 2049
Delta R.T. -0.005 min
Lab File: BN024498.D
Acq: 23 Mar 2023 03:01

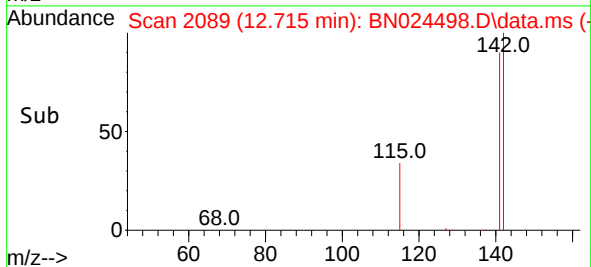
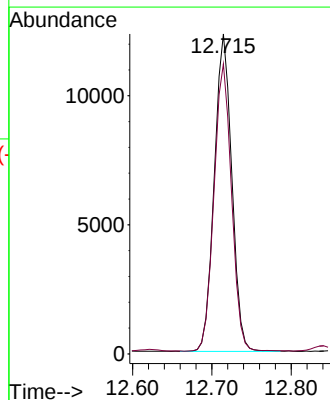
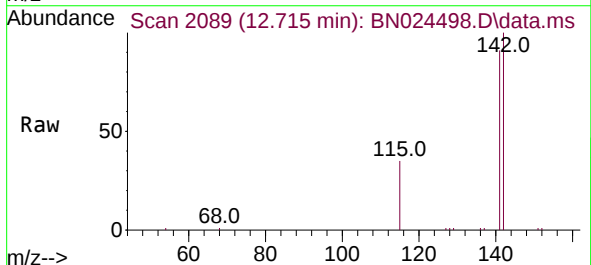
Instrument :
BNA_N
ClientSampleId :
SLCS553

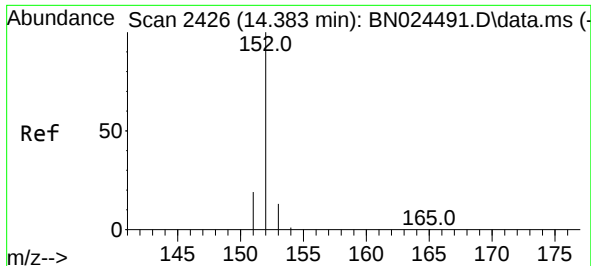
Tgt Ion:142 Resp: 17894
Ion Ratio Lower Upper
142 100
141 88.1 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.715 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BN024498.D
Acq: 23 Mar 2023 03:01

Tgt Ion:142 Resp: 18851
Ion Ratio Lower Upper
142 100
141 90.9 73.0 109.6

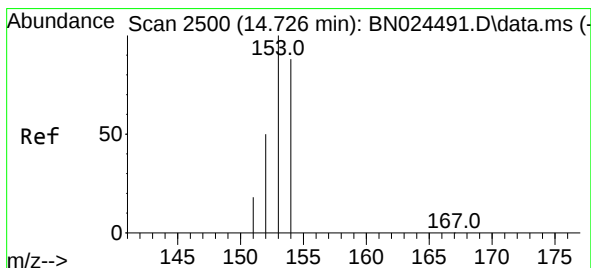
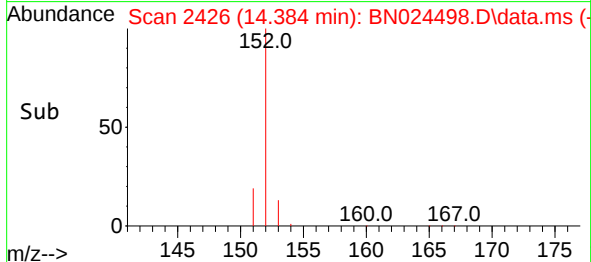
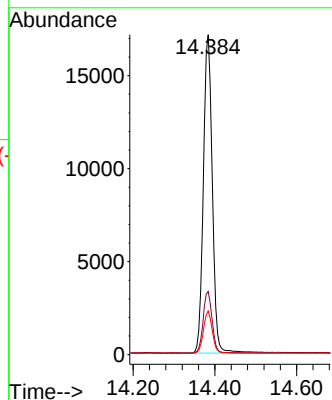
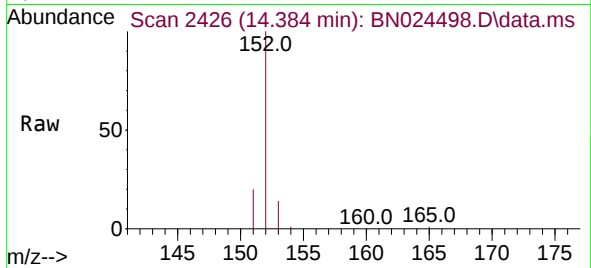




#10
Acenaphthylene
Concen: 0.383 ng/ul
RT: 14.384 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BN024498.D
Acq: 23 Mar 2023 03:01

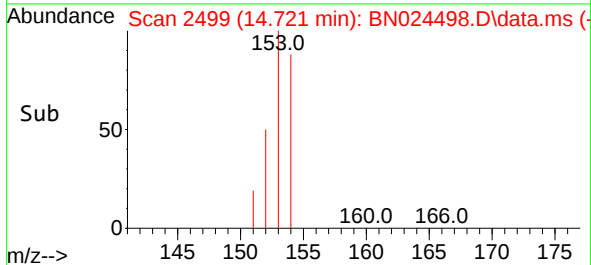
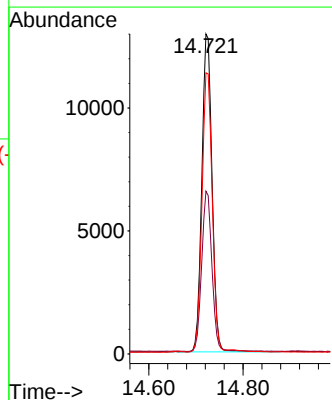
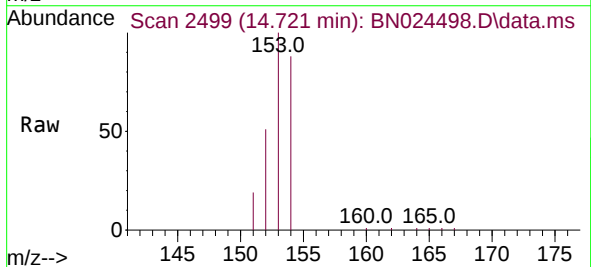
Instrument :
BNA_N
ClientSampleId :
SLCS553

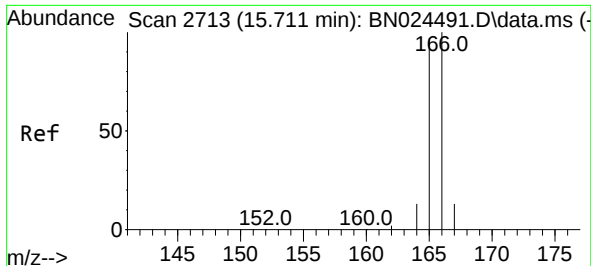
Tgt Ion:152 Resp: 26055
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.6 10.6 16.0



#11
Acenaphthene
Concen: 0.372 ng/ul
RT: 14.721 min Scan# 2499
Delta R.T. -0.004 min
Lab File: BN024498.D
Acq: 23 Mar 2023 03:01

Tgt Ion:153 Resp: 19499
Ion Ratio Lower Upper
153 100
152 50.8 42.6 64.0
154 87.8 70.6 105.8

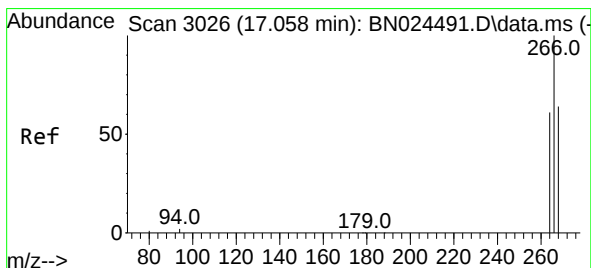
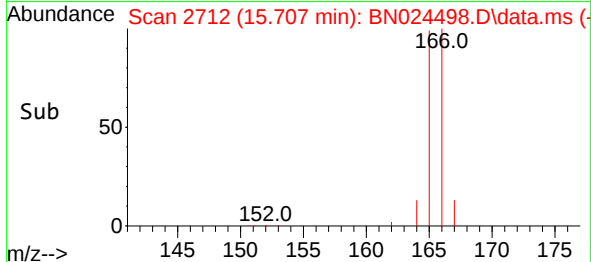
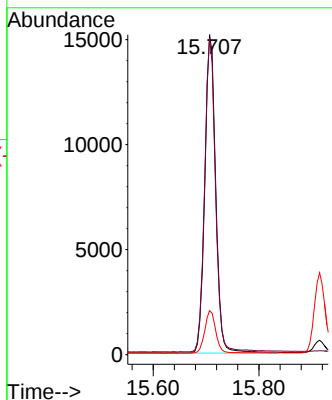
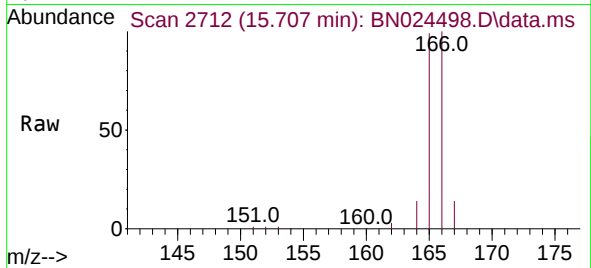




#12
Fluorene
Concen: 0.371 ng/ul
RT: 15.707 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN024498.D
Acq: 23 Mar 2023 03:01

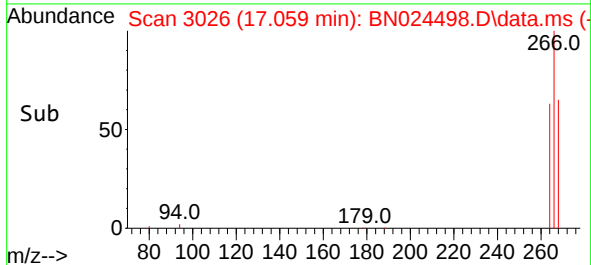
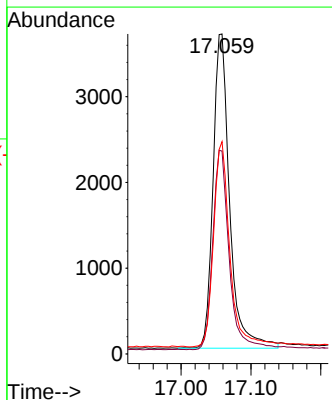
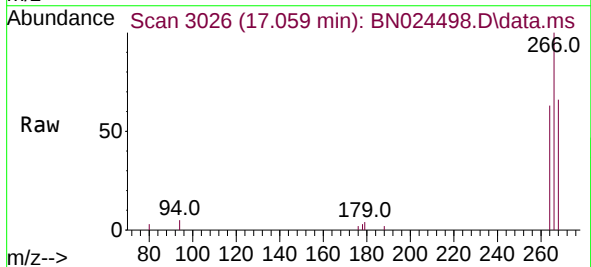
Instrument :
BNA_N
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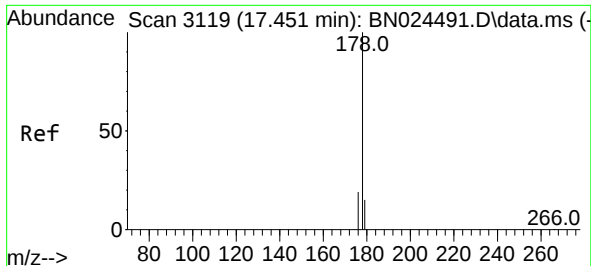
Tgt Ion:166 Resp: 21719
Ion Ratio Lower Upper
166 100
165 98.9 77.4 116.0
167 13.7 10.9 16.3



#14
Pentachlorophenol
Concen: 0.622 ng/ul
RT: 17.059 min Scan# 3026
Delta R.T. 0.000 min
Lab File: BN024498.D
Acq: 23 Mar 2023 03:01

Tgt Ion:266 Resp: 6039
Ion Ratio Lower Upper
266 100
264 63.0 0.0 0.0#
268 64.7 0.1 0.1#

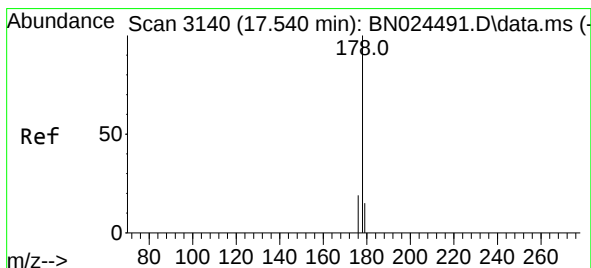
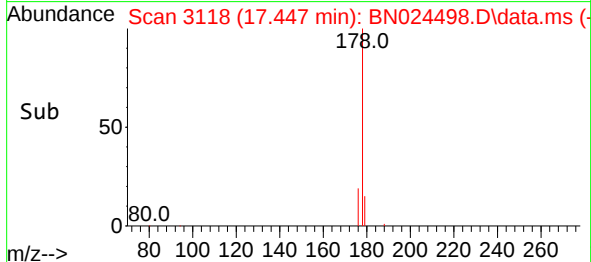
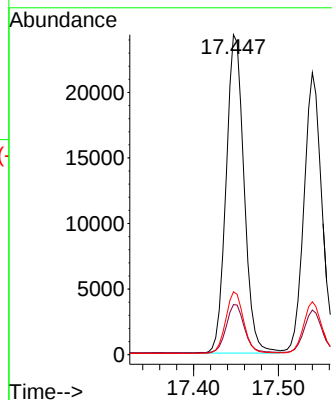
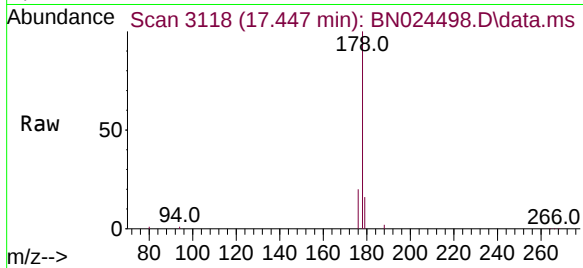




#15
Phenanthrene
Concen: 0.357 ng/ul
RT: 17.447 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BN024498.D
Acq: 23 Mar 2023 03:01

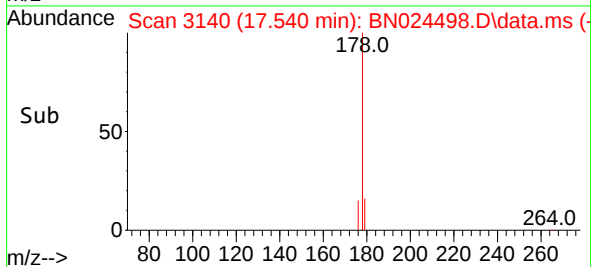
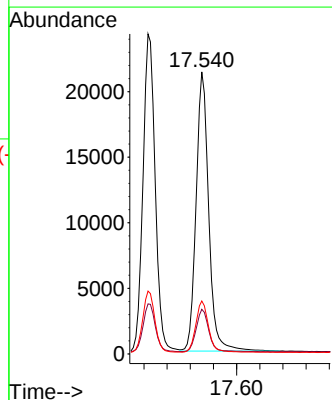
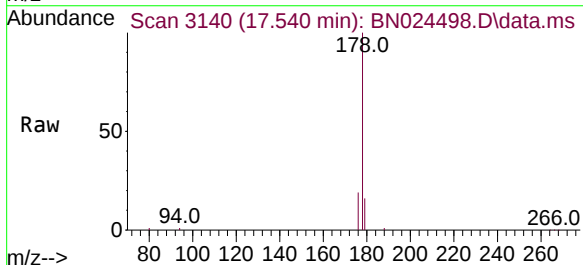
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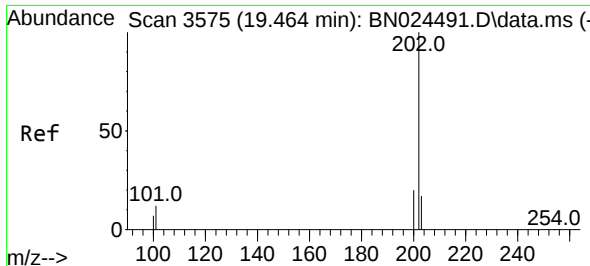
Tgt Ion:178 Resp: 35719
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 19.6 15.7 23.5



#16
Anthracene
Concen: 0.366 ng/ul
RT: 17.540 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BN024498.D
Acq: 23 Mar 2023 03:01

Tgt Ion:178 Resp: 32163
Ion Ratio Lower Upper
178 100
179 15.8 12.3 18.5
176 18.8 15.3 22.9

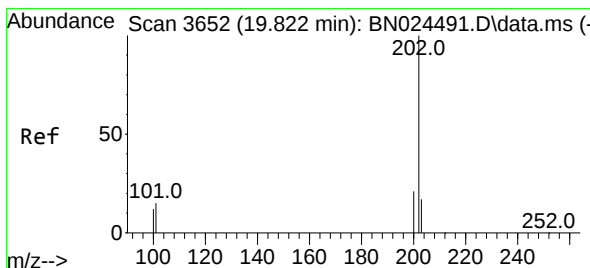
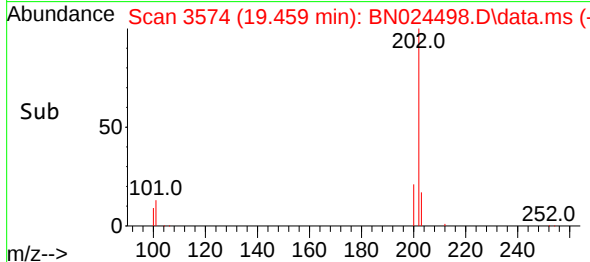
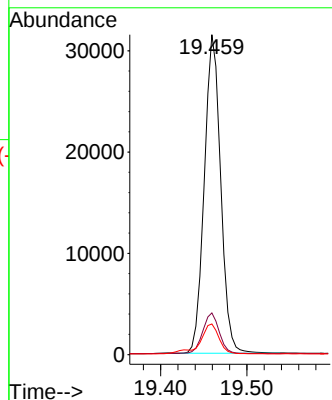
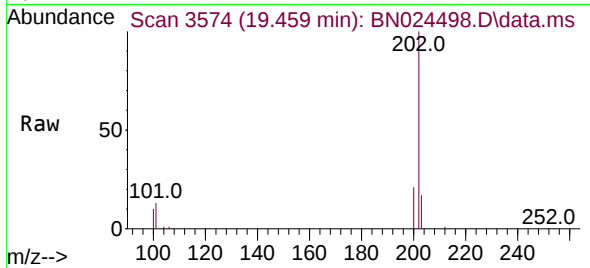




#19
Fluoranthene
Concen: 0.387 ng/ul
RT: 19.459 min Scan# 3574
Delta R.T. -0.004 min
Lab File: BN024498.D
Acq: 23 Mar 2023 03:01

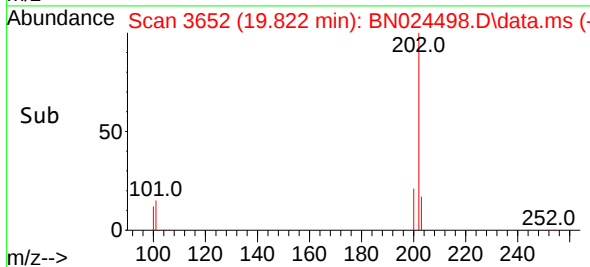
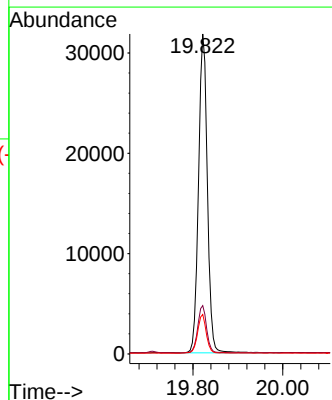
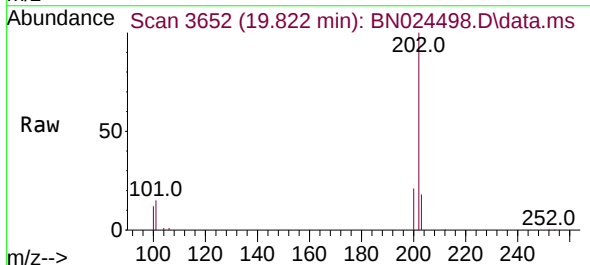
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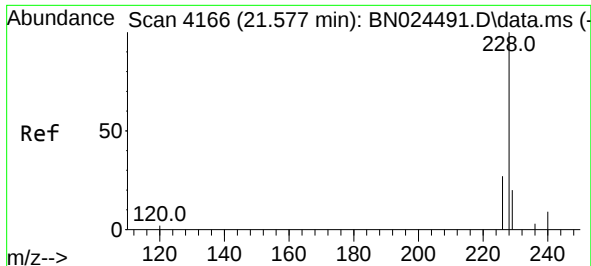
Tgt Ion:202 Resp: 41597
Ion Ratio Lower Upper
202 100
101 13.0 10.4 15.6
100 9.6 7.7 11.5



#20
Pyrene
Concen: 0.397 ng/ul
RT: 19.822 min Scan# 3652
Delta R.T. 0.000 min
Lab File: BN024498.D
Acq: 23 Mar 2023 03:01

Tgt Ion:202 Resp: 43293
Ion Ratio Lower Upper
202 100
101 15.1 12.1 18.1
100 12.3 9.4 14.0

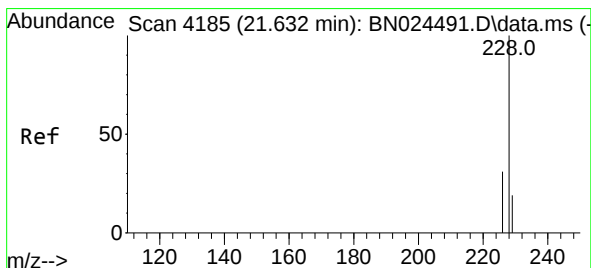
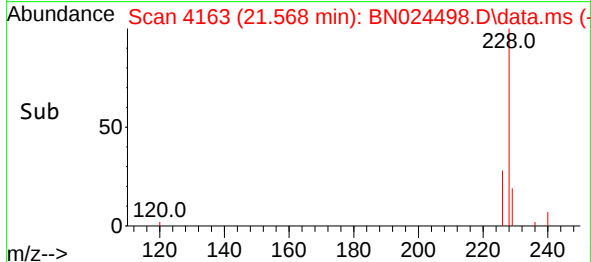
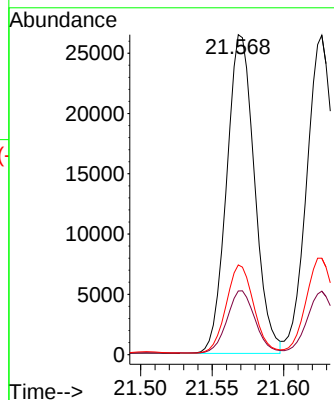
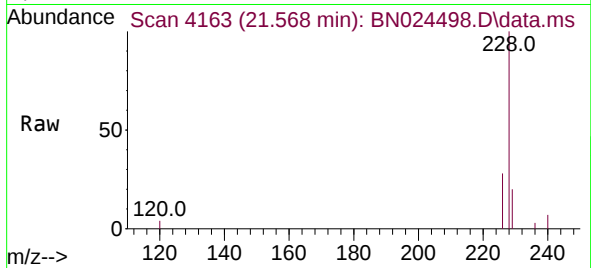




#21
Benzo(a)anthracene
Concen: 0.406 ng/u1
RT: 21.568 min Scan# 4163
Delta R.T. -0.008 min
Lab File: BN024498.D
Acq: 23 Mar 2023 03:01

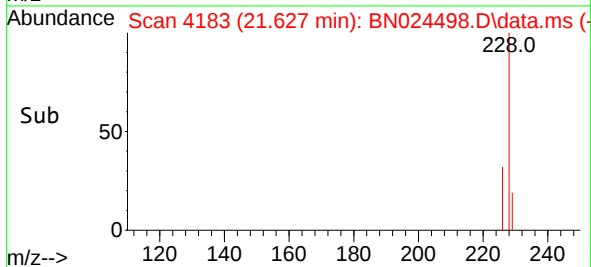
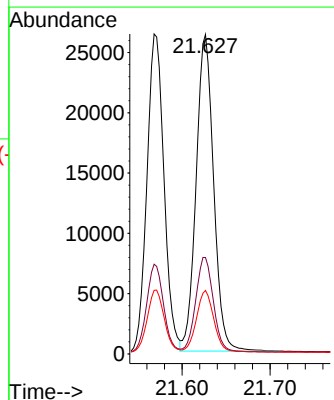
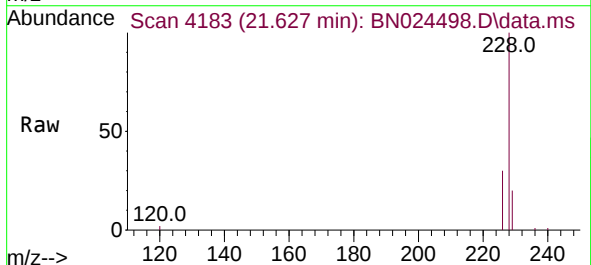
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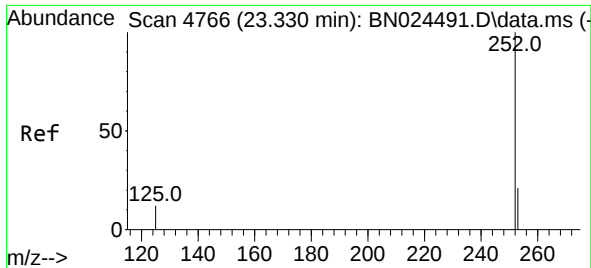
Tgt Ion:228 Resp: 35773
Ion Ratio Lower Upper
228 100
229 19.9 15.8 23.6
226 28.0 22.2 33.4



#22
Chrysene
Concen: 0.389 ng/u1
RT: 21.627 min Scan# 4183
Delta R.T. -0.006 min
Lab File: BN024498.D
Acq: 23 Mar 2023 03:01

Tgt Ion:228 Resp: 36238
Ion Ratio Lower Upper
228 100
226 30.2 24.8 37.2
229 19.9 15.8 23.6

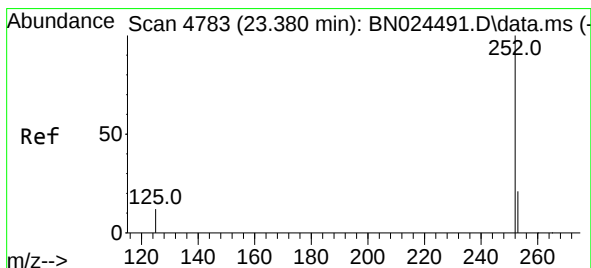
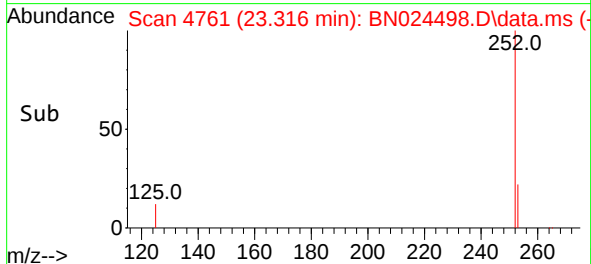
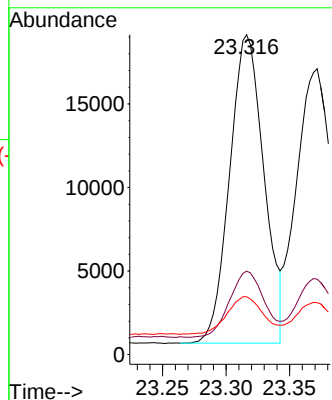
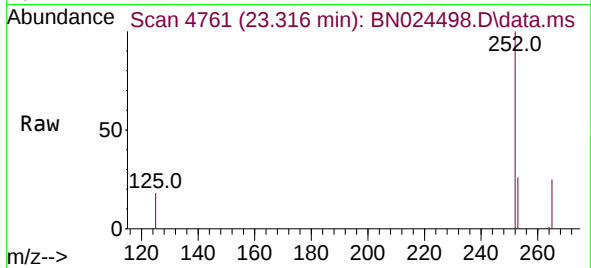




#24
Benzo(b)fluoranthene
Concen: 0.371 ng/ul
RT: 23.316 min Scan# 4761
Delta R.T. -0.014 min
Lab File: BN024498.D
Acq: 23 Mar 2023 03:01

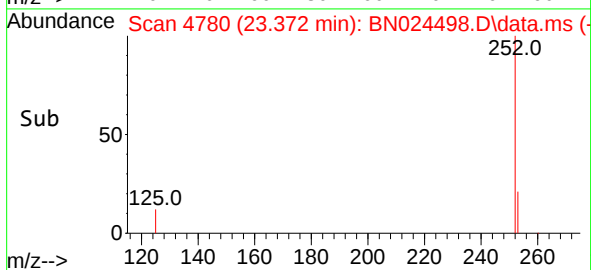
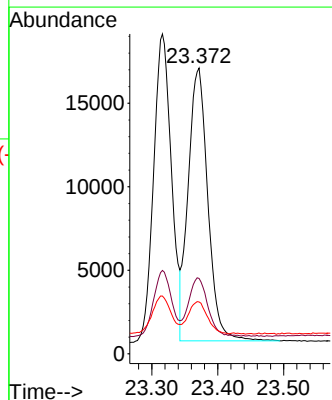
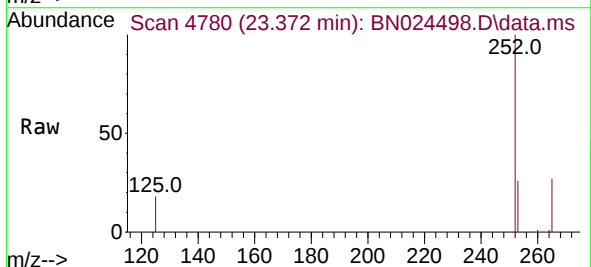
Instrument :
BNA_N
ClientSampleId :
SLCS553

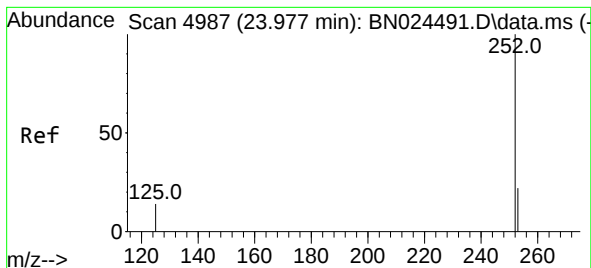
Tgt Ion:252 Resp: 34685
Ion Ratio Lower Upper
252 100
253 26.1 0.0 46.2
125 18.1 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.350 ng/ul
RT: 23.372 min Scan# 4780
Delta R.T. -0.008 min
Lab File: BN024498.D
Acq: 23 Mar 2023 03:01

Tgt Ion:252 Resp: 33952
Ion Ratio Lower Upper
252 100
253 26.4 18.5 27.7
125 18.1 13.2 19.8





#26

Benzo(a)pyrene

Concen: 0.358 ng/ul

RT: 23.968 min Scan# 4984

Delta R.T. -0.008 min

Lab File: BN024498.D

Acq: 23 Mar 2023 03:01

Instrument :

BNA_N

ClientSampleId :

SLCS553

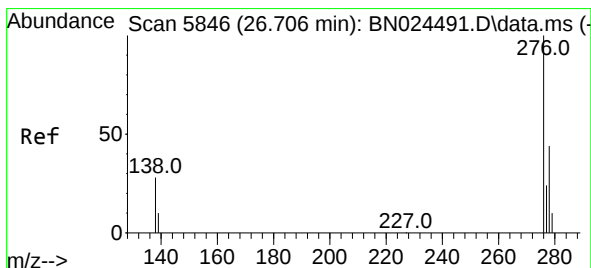
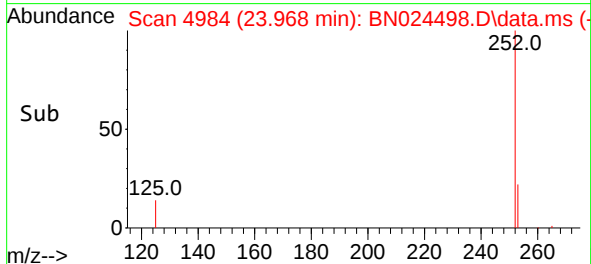
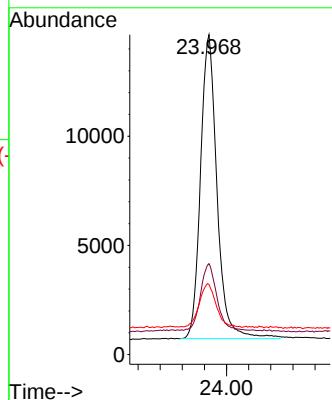
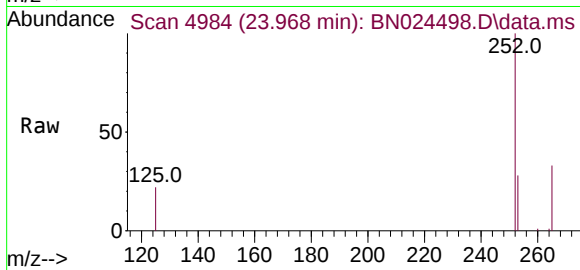
Tgt Ion:252 Resp: 28830

Ion Ratio Lower Upper

252 100

253 28.4 19.2 28.8

125 21.9 15.8 23.6



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.356 ng/ul

RT: 26.696 min Scan# 5843

Delta R.T. -0.010 min

Lab File: BN024498.D

Acq: 23 Mar 2023 03:01

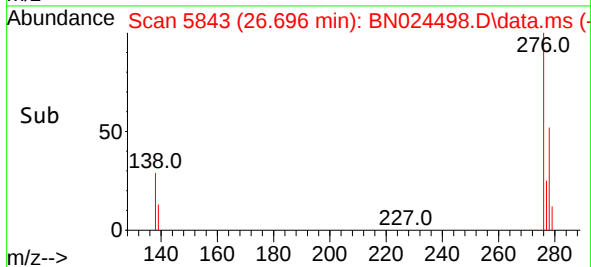
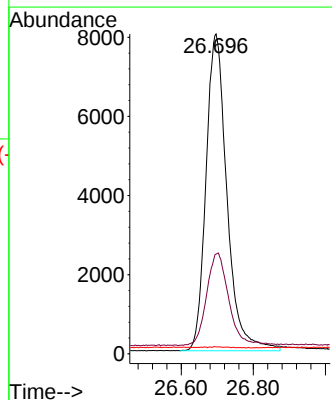
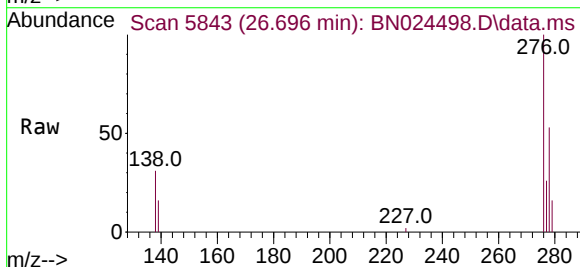
Tgt Ion:276 Resp: 32300

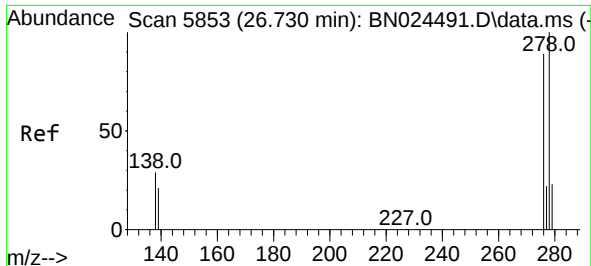
Ion Ratio Lower Upper

276 100

138 30.9 0.0 0.0#

227 0.1 0.0 0.0#

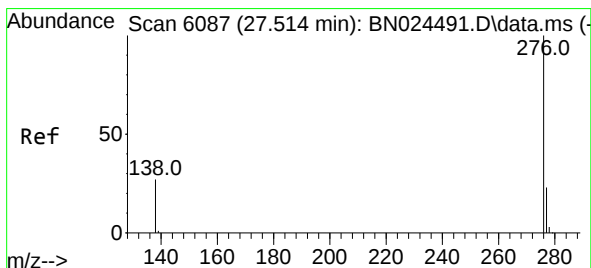
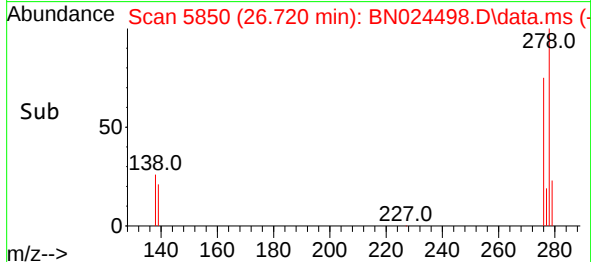
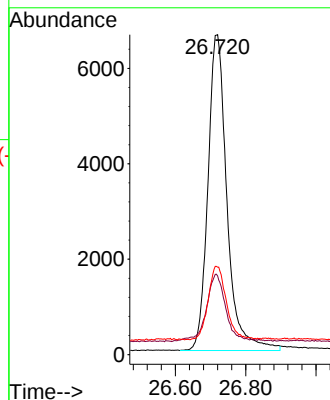
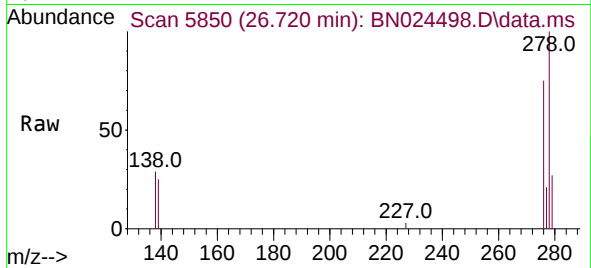




#28
Dibenzo(a,h)anthracene
Concen: 0.362 ng/ul
RT: 26.720 min Scan# 5853
Delta R.T. -0.010 min
Lab File: BN024498.D
Acq: 23 Mar 2023 03:01

Instrument :
BNA_N
ClientSampleId :
SLCS553

Tgt Ion:278 Resp: 24916
Ion Ratio Lower Upper
278 100
139 24.6 21.0 31.6
279 27.3 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.354 ng/ul
RT: 27.505 min Scan# 6084
Delta R.T. -0.010 min
Lab File: BN024498.D
Acq: 23 Mar 2023 03:01

Tgt Ion:276 Resp: 27853
Ion Ratio Lower Upper
276 100
138 28.9 25.2 37.8
277 25.2 19.4 29.2

