

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092722\
 Data File : BN021923.D
 Acq On : 26 Sep 2022 18:17
 Operator : CG/JU
 Sample : PB147749BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS749

Quant Time: Sep 27 00:25:41 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 00:20:21 2022
 Response via : Initial Calibration

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

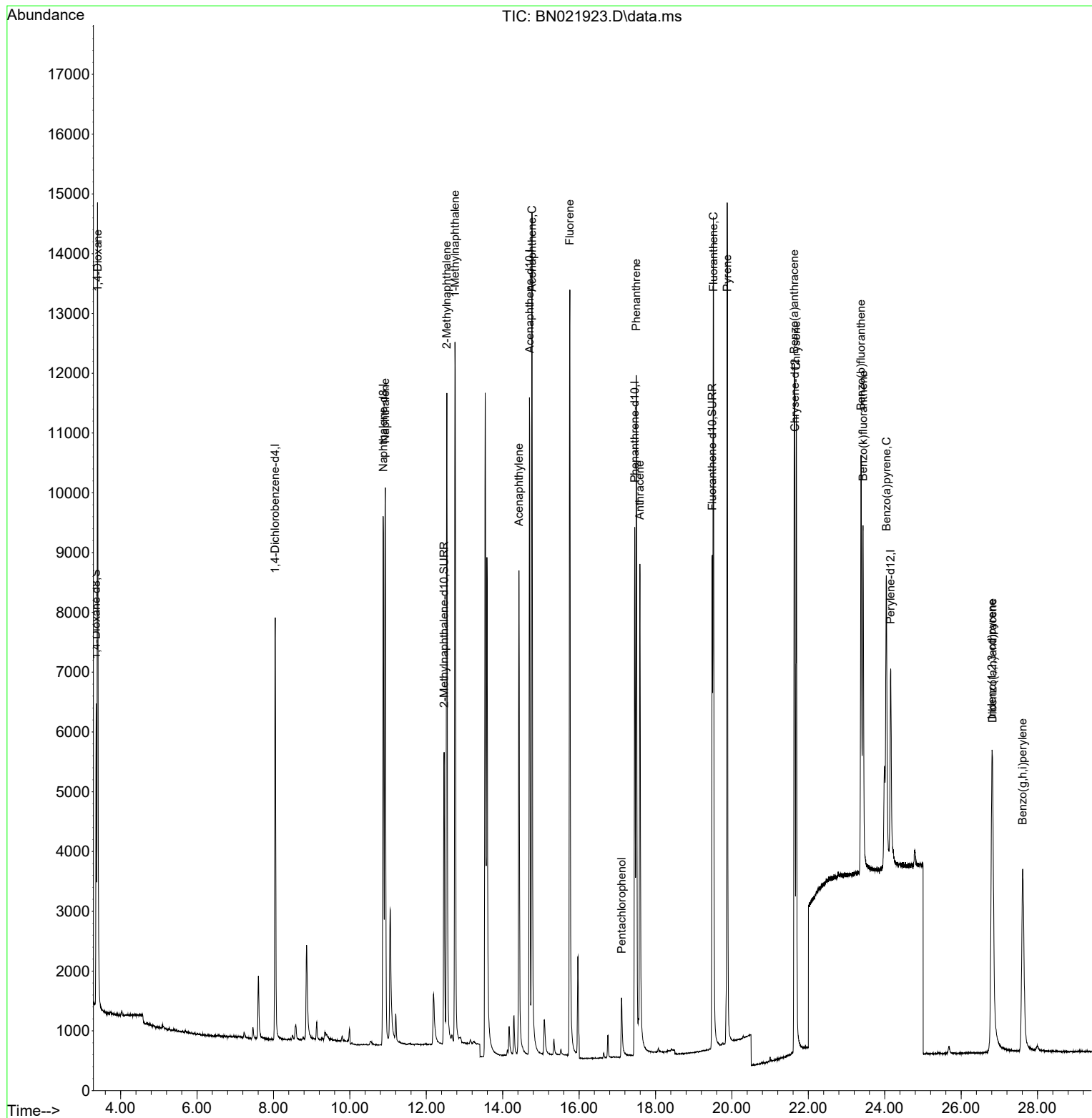
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	3974	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	13088	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.703	164	6777	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.455	188	11537	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.647	240	6775	0.400	ng/ul	# 0.00
23) Perylene-d12	24.155	264	5072	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.359	96	3317	0.678	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.467	152	7288	0.352	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	9892	0.392	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.397	88	9649	1.924	ng/ul#	86
5) Naphthalene	10.927	128	13972	0.379	ng/ul	98
7) 2-Methylnaphthalene	12.538	142	8788	0.366	ng/ul	98
8) 1-Methylnaphthalene	12.753	142	9063	0.368	ng/ul	100
10) Acenaphthylene	14.425	152	11036	0.388	ng/ul	99
11) Acenaphthene	14.767	153	9192	0.381	ng/ul	100
12) Fluorene	15.757	166	9756	0.361	ng/ul	100
14) Pentachlorophenol	17.113	266	992	0.444	ng/ul	100
15) Phenanthrene	17.497	178	13727	0.377	ng/ul	99
16) Anthracene	17.590	178	10979	0.363	ng/ul	99
19) Fluoranthene	19.515	202	12995	0.411	ng/ul	97
20) Pyrene	19.877	202	12911	0.414	ng/ul	94
21) Benzo(a)anthracene	21.632	228	9220	0.406	ng/ul	99
22) Chrysene	21.685	228	10388	0.420	ng/ul	100
24) Benzo(b)fluoranthene	23.380	252	9862	0.401	ng/ul	88
25) Benzo(k)fluoranthene	23.433	252	8968	0.376	ng/ul#	85
26) Benzo(a)pyrene	24.044	252	8563	0.459	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.803	276	8914	0.425	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.824	278	6905	0.388	ng/ul#	93
29) Benzo(g,h,i)perylene	27.612	276	8550	0.443	ng/ul	94

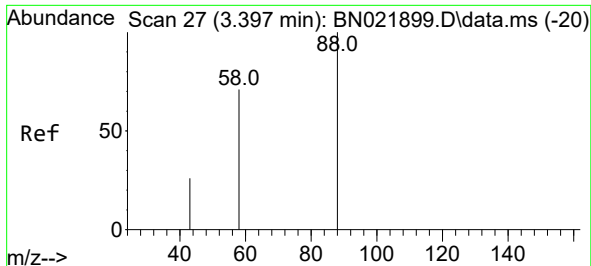
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 20 00:20:21 2022
Response via : Initial Calibration

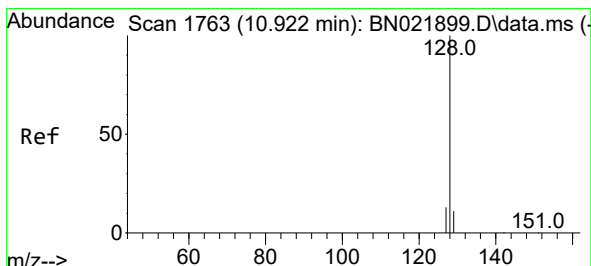
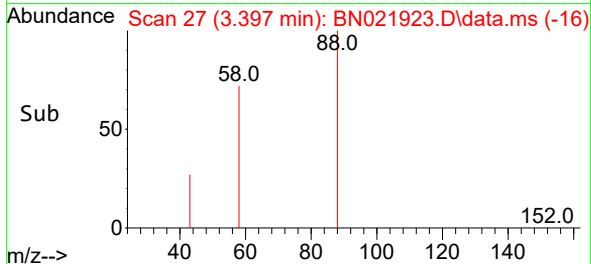
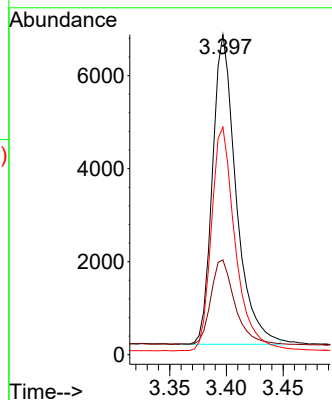
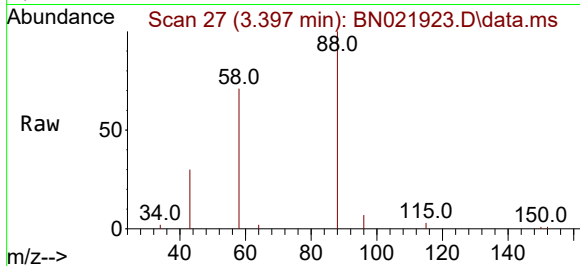




#2
 1,4-Dioxane
 Concen: 1.924 ng/ul
 RT: 3.397 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN021923.D
 Acq: 26 Sep 2022 18:17

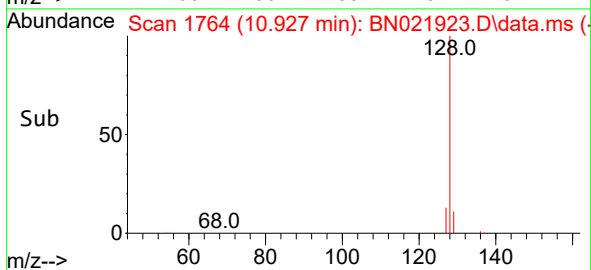
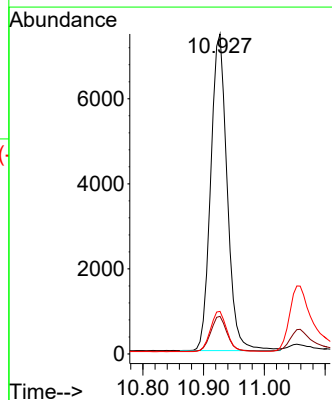
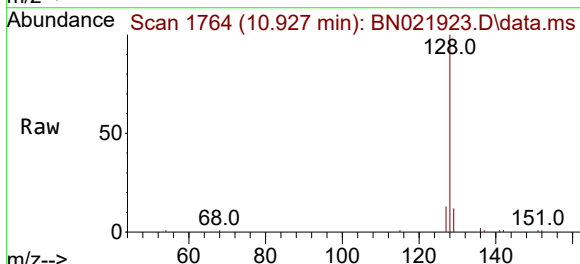
Instrument :
 BNA_N
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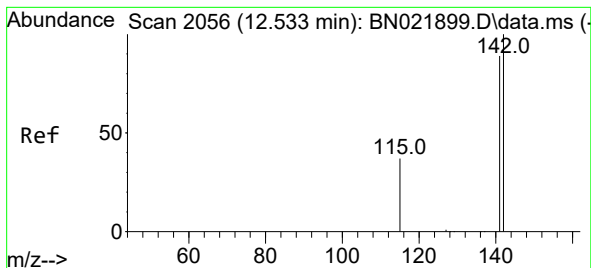
Tgt Ion: 88 Resp: 9649
 Ion Ratio Lower Upper
 88 100
 43 29.6 31.4 47.0#
 58 71.1 49.0 73.6



#5
 Naphthalene
 Concen: 0.379 ng/ul
 RT: 10.927 min Scan# 1764
 Delta R.T. -0.006 min
 Lab File: BN021923.D
 Acq: 26 Sep 2022 18:17

Tgt Ion:128 Resp: 13972
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.8 14.6
 127 13.3 11.6 17.4

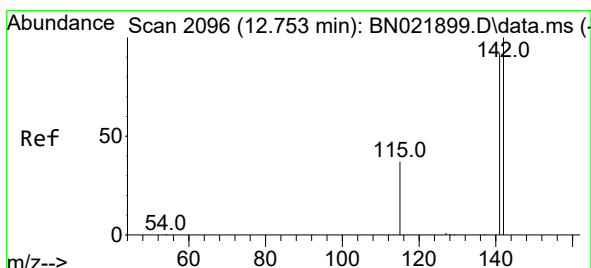
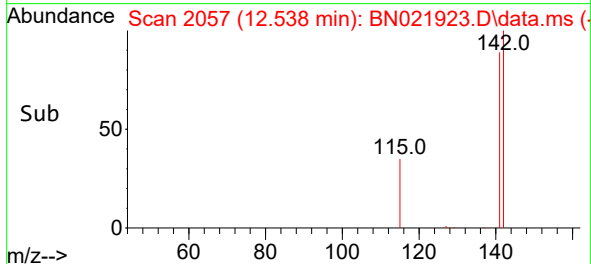
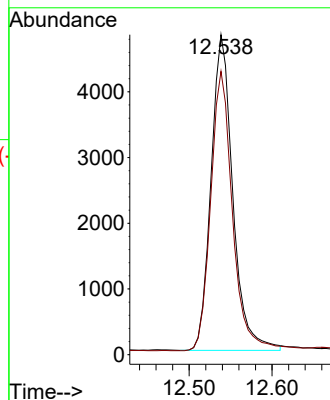
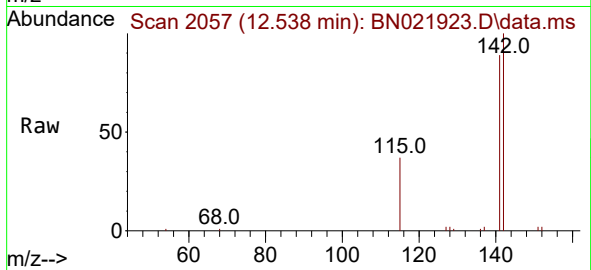




#7
2-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.538 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

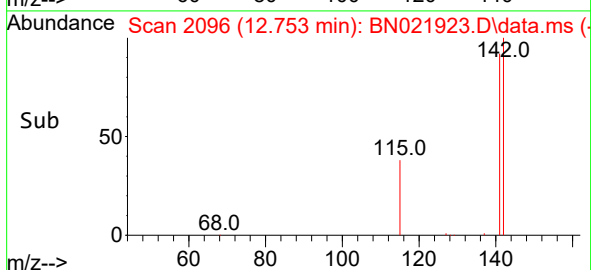
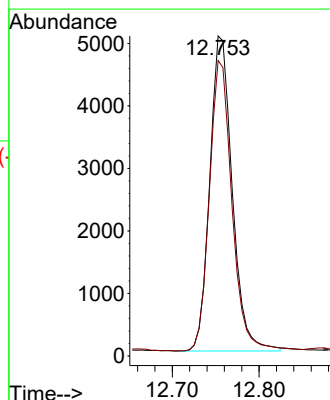
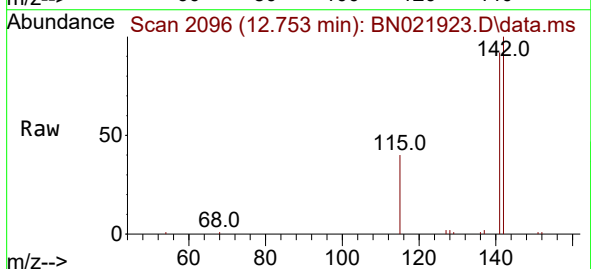
Instrument :
BNA_N
ClientSampleId :
SLCS749

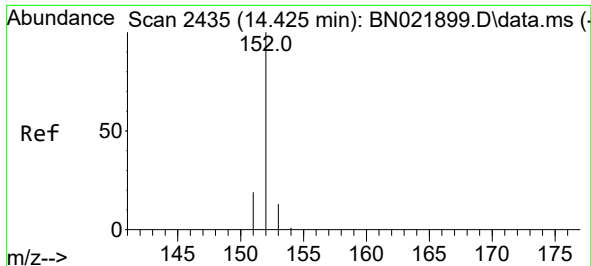
Tgt Ion:142 Resp: 8788
Ion Ratio Lower Upper
142 100
141 88.4 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.753 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

Tgt Ion:142 Resp: 9063
Ion Ratio Lower Upper
142 100
141 92.1 73.9 110.9

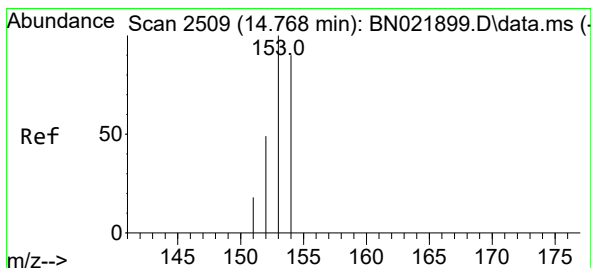
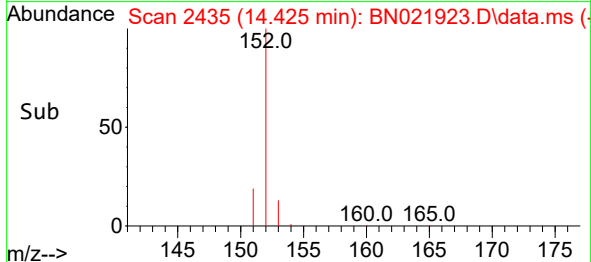
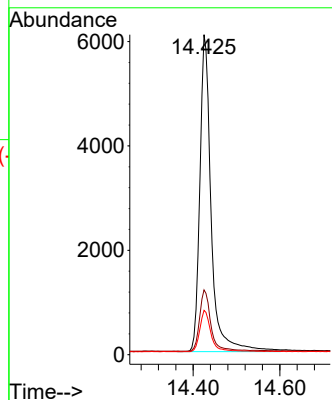
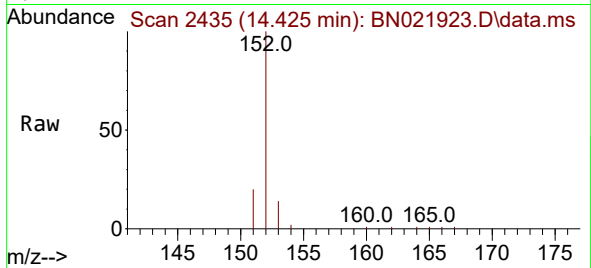




#10
Acenaphthylene
Concen: 0.388 ng/ul
RT: 14.425 min Scan# 2435
Delta R.T. -0.005 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

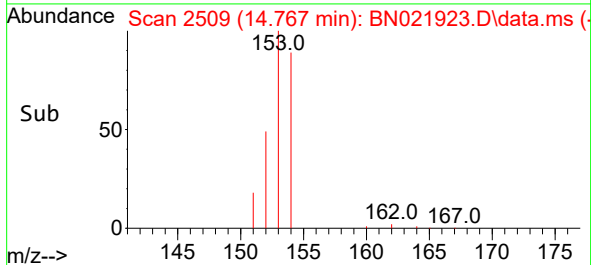
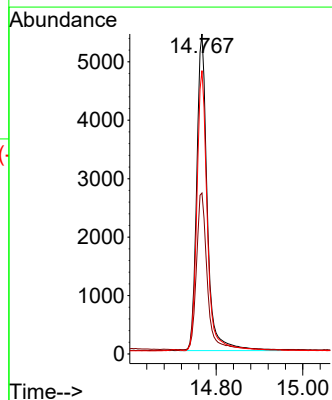
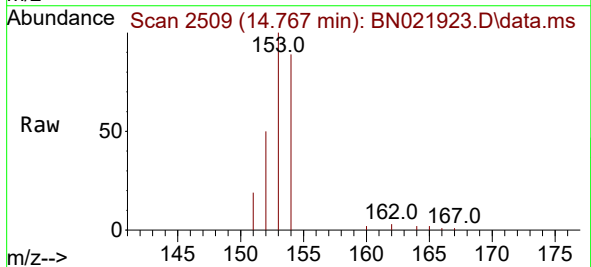
Instrument :
BNA_N
ClientSampleId :
SLCS749

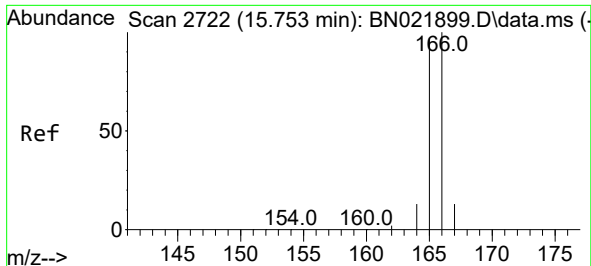
Tgt Ion:152 Resp: 11036
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 13.8 11.2 16.8



#11
Acenaphthene
Concen: 0.381 ng/ul
RT: 14.767 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

Tgt Ion:153 Resp: 9192
Ion Ratio Lower Upper
153 100
152 50.3 40.2 60.4
154 88.6 70.7 106.1

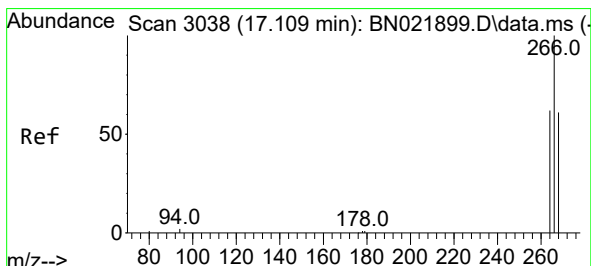
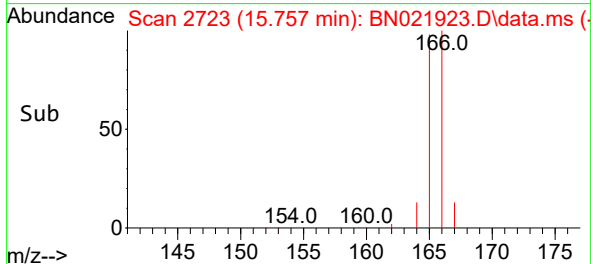
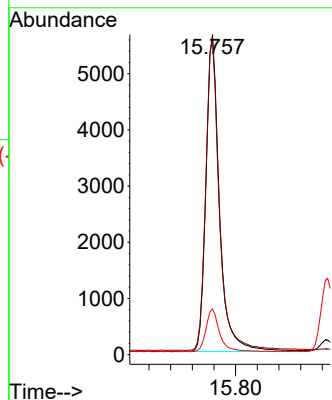
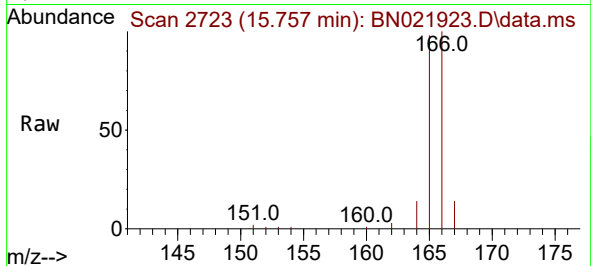




#12
Fluorene
Concen: 0.361 ng/ul
RT: 15.757 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

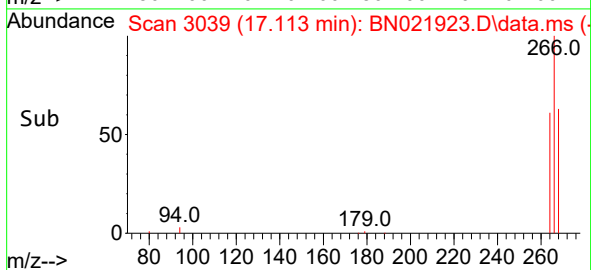
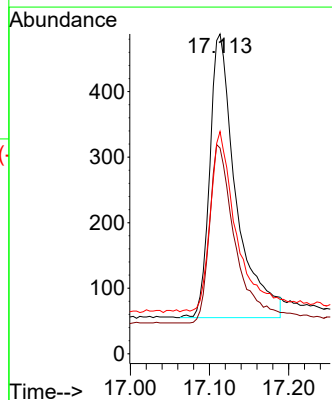
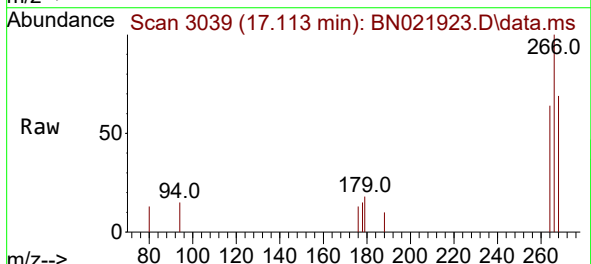
Instrument :
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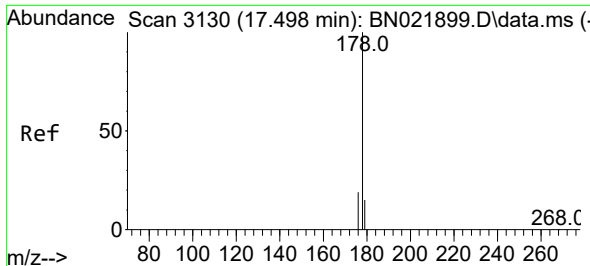
Tgt Ion:166 Resp: 9756
Ion Ratio Lower Upper
166 100
165 98.2 78.6 117.8
167 14.3 11.8 17.6



#14
Pentachlorophenol
Concen: 0.444 ng/ul
RT: 17.113 min Scan# 3039
Delta R.T. 0.004 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

Tgt Ion:266 Resp: 992
Ion Ratio Lower Upper
266 100
264 62.2 49.8 74.8
268 63.3 50.6 75.8

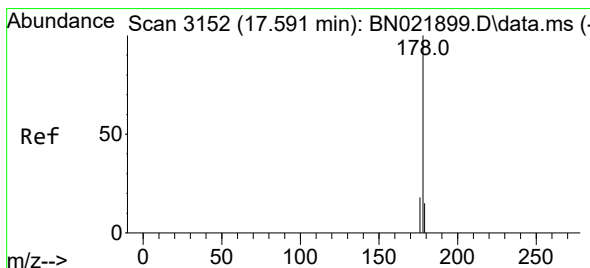
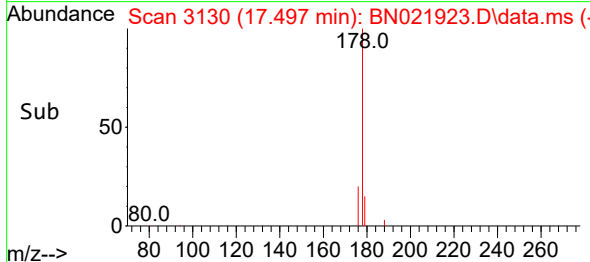
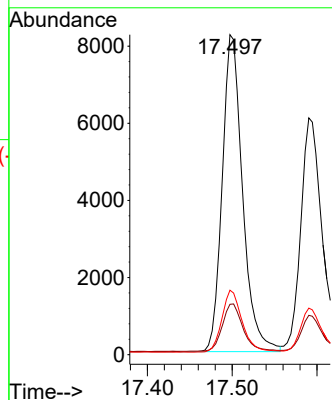
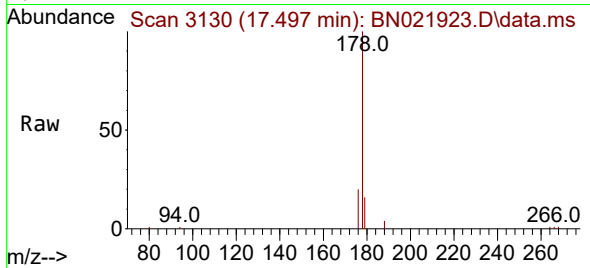




#15
Phenanthrene
Concen: 0.377 ng/ul
RT: 17.497 min Scan# 3130
Delta R.T. -0.005 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

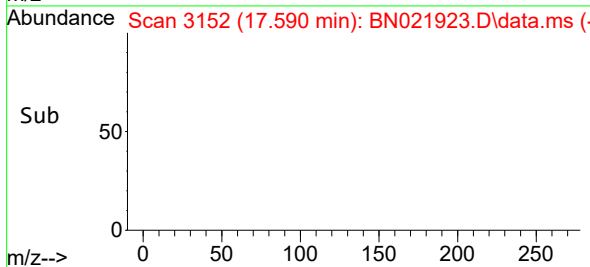
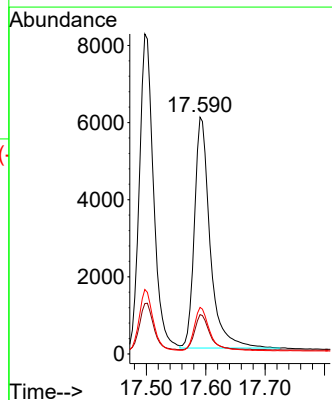
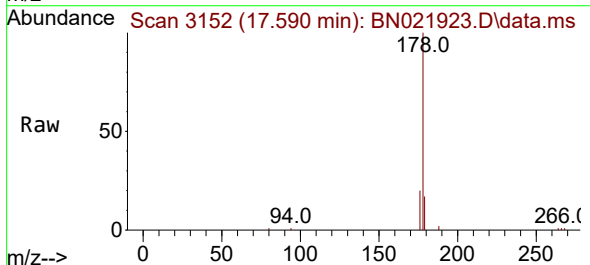
Instrument :
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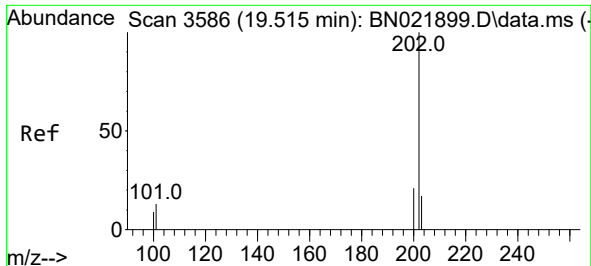
Tgt Ion:	178	Resp:	13727
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.8	19.2
176	20.1	15.9	23.9



#16
Anthracene
Concen: 0.363 ng/ul
RT: 17.590 min Scan# 3152
Delta R.T. -0.005 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

Tgt Ion:	178	Resp:	10979
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.9	19.3
176	19.7	15.9	23.9





#19

Fluoranthene

Concen: 0.411 ng/ul

RT: 19.515 min Scan# 3586

Delta R.T. -0.000 min

Lab File: BN021923.D

Acq: 26 Sep 2022 18:17

Instrument :

BNA_N

ClientSampleId :

SLCS749

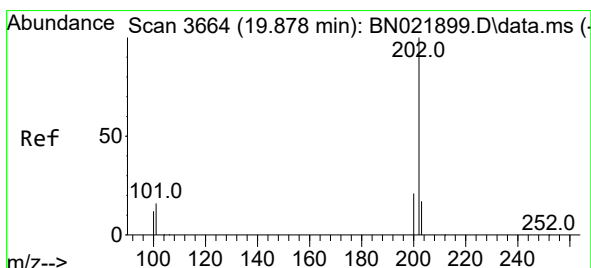
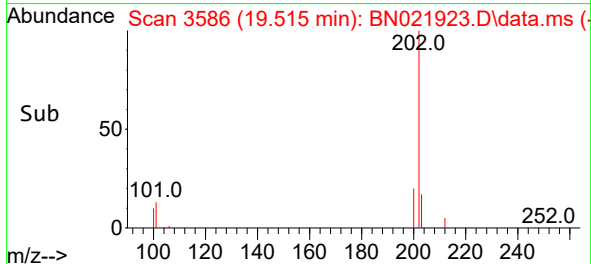
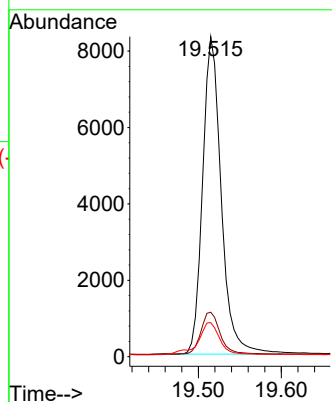
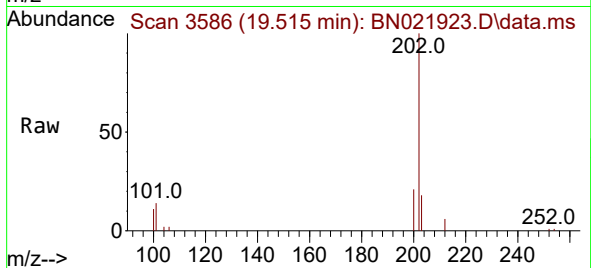
Tgt Ion:202 Resp: 12995

Ion Ratio Lower Upper

202 100

101 13.9 10.0 15.0

100 10.6 8.0 12.0



#20

Pyrene

Concen: 0.414 ng/ul

RT: 19.877 min Scan# 3664

Delta R.T. -0.000 min

Lab File: BN021923.D

Acq: 26 Sep 2022 18:17

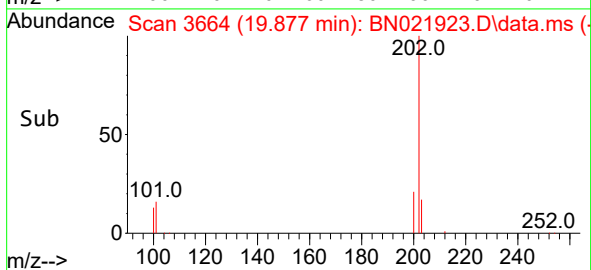
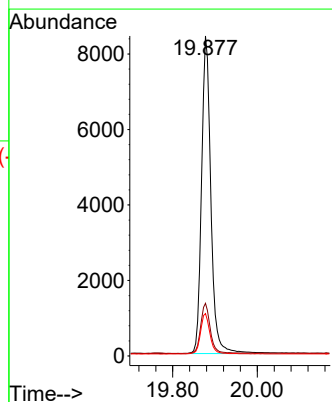
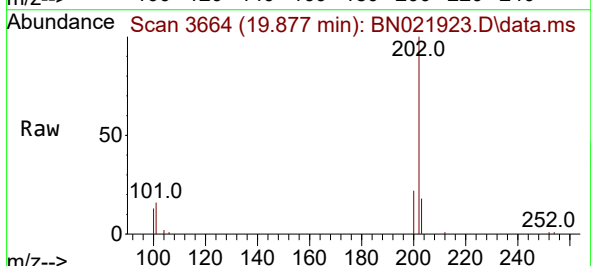
Tgt Ion:202 Resp: 12911

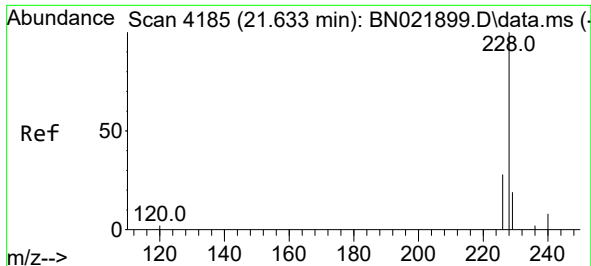
Ion Ratio Lower Upper

202 100

101 16.5 11.3 16.9

100 13.2 9.0 13.4

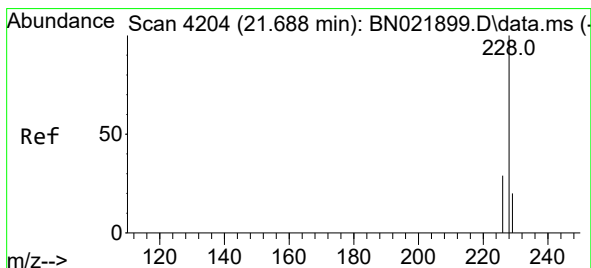
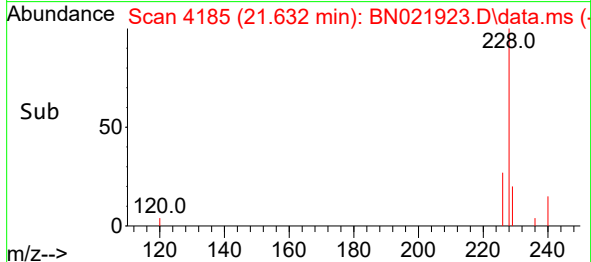
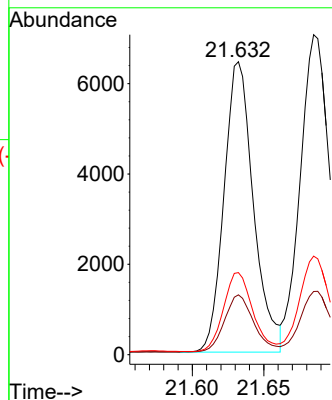
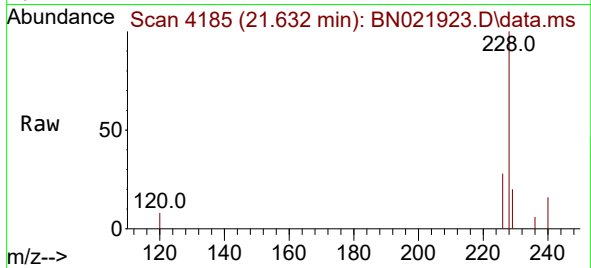




#21
Benzo(a)anthracene
Concen: 0.406 ng/ul
RT: 21.632 min Scan# 4185
Delta R.T. 0.003 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

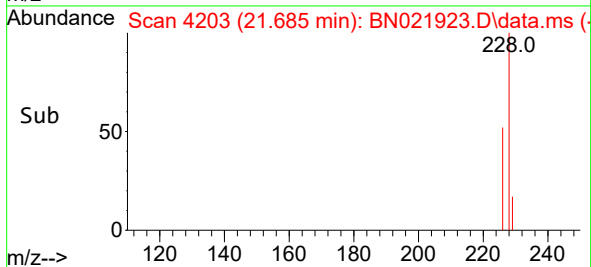
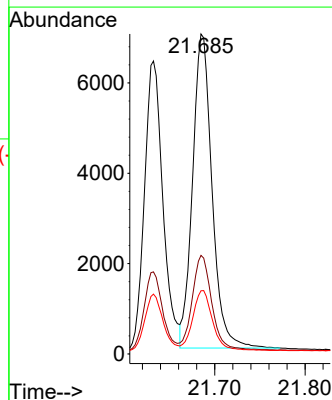
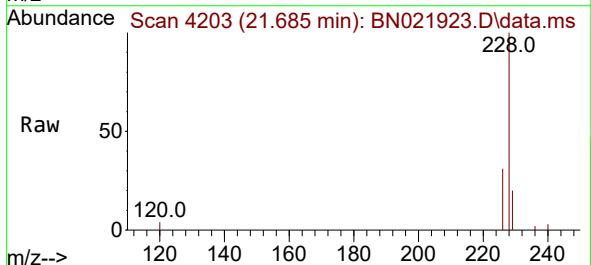
Instrument :
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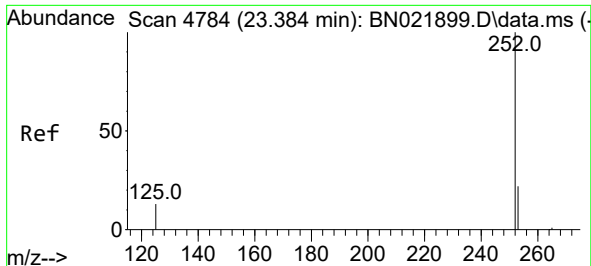
Tgt Ion:228 Resp: 9220
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 28.0 21.9 32.9



#22
Chrysene
Concen: 0.420 ng/ul
RT: 21.685 min Scan# 4203
Delta R.T. -0.000 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

Tgt Ion:228 Resp: 10388
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 19.7 15.8 23.8

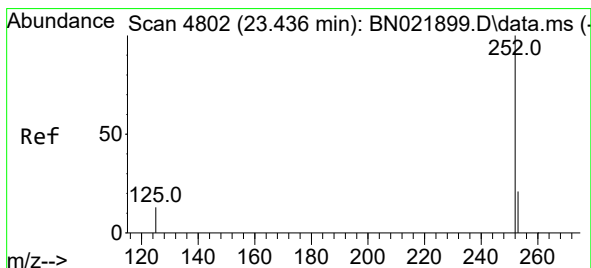
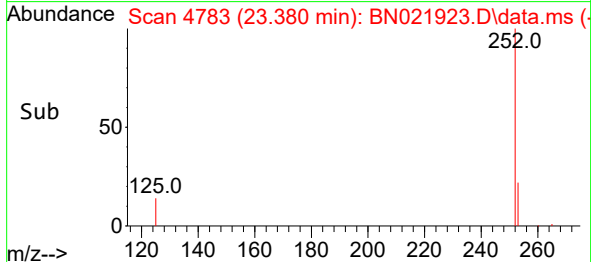
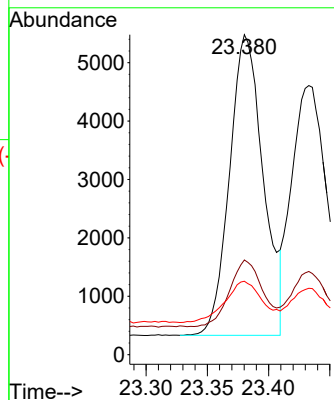
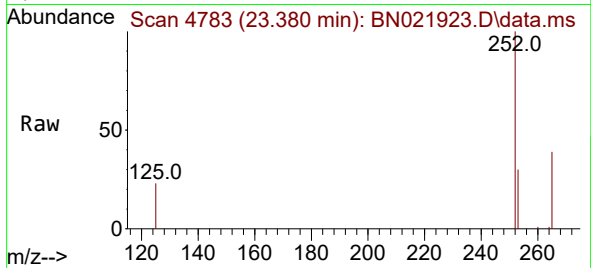




#24
Benzo(b)fluoranthene
Concen: 0.401 ng/ul
RT: 23.380 min Scan# 4784
Delta R.T. -0.000 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

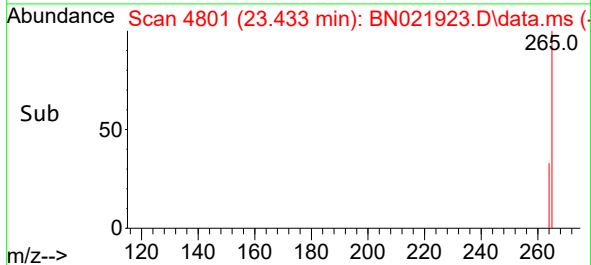
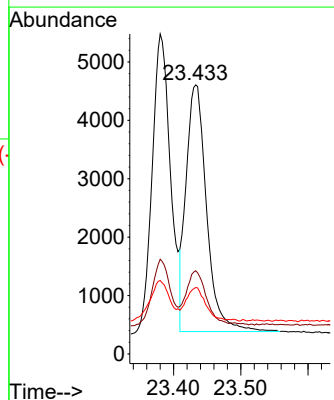
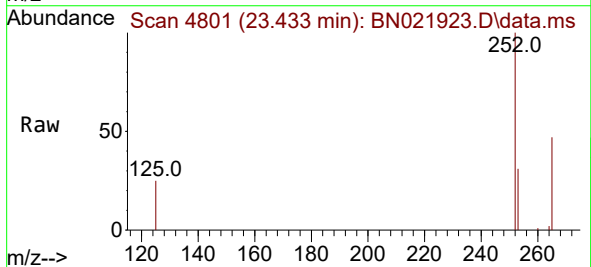
Instrument :
BNA_N
ClientSampleId :
SLCS749

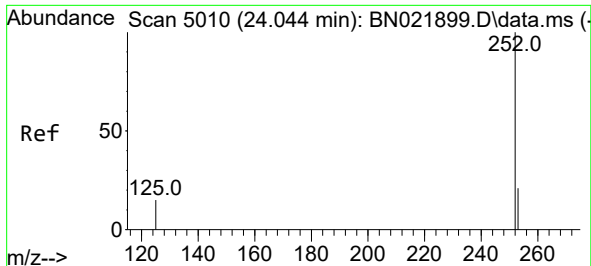
Tgt Ion:252 Resp: 9862
Ion Ratio Lower Upper
252 100
253 29.6 0.0 50.8
125 23.0 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.376 ng/ul
RT: 23.433 min Scan# 4801
Delta R.T. 0.003 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

Tgt Ion:252 Resp: 8968
Ion Ratio Lower Upper
252 100
253 31.0 20.6 31.0
125 24.7 11.8 17.6#

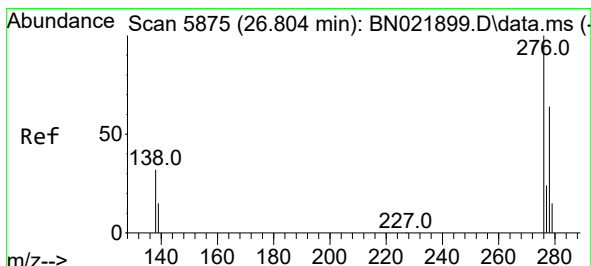
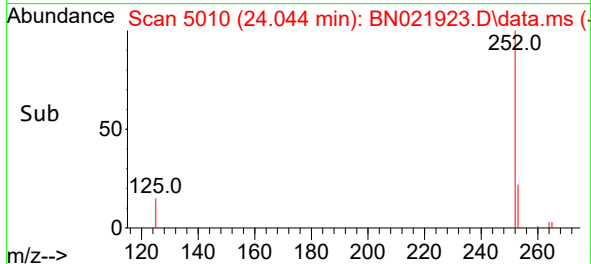
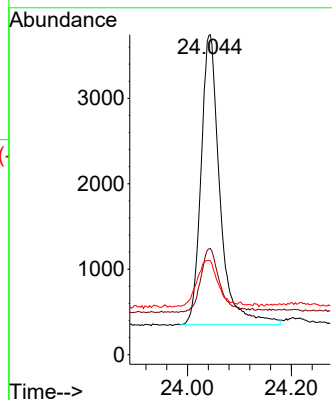
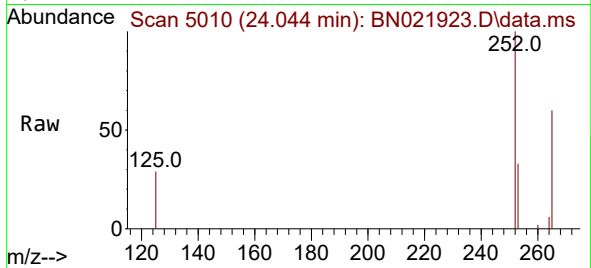




#26
Benzo(a)pyrene
Concen: 0.459 ng/ul
RT: 24.044 min Scan# 5010
Delta R.T. 0.003 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

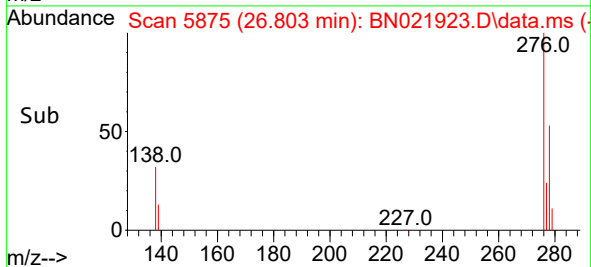
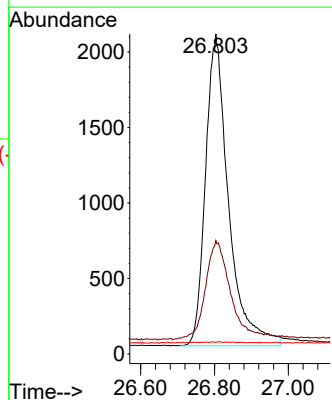
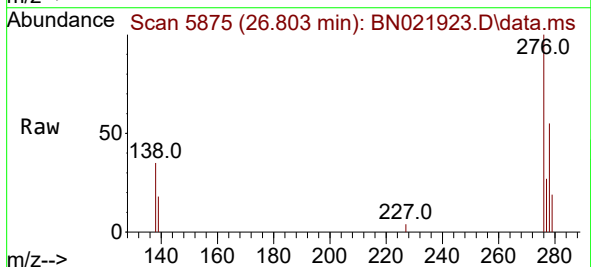
Instrument :
BNA_N
ClientSampleId :
SLCS749

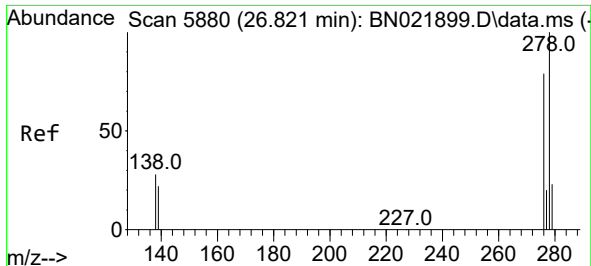
Tgt Ion:252 Resp: 8563
Ion Ratio Lower Upper
252 100
253 33.2 22.1 33.1#
125 29.3 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.425 ng/ul
RT: 26.803 min Scan# 5875
Delta R.T. 0.013 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

Tgt Ion:276 Resp: 8914
Ion Ratio Lower Upper
276 100
138 35.3 26.1 39.1
227 0.1 0.1 0.1#

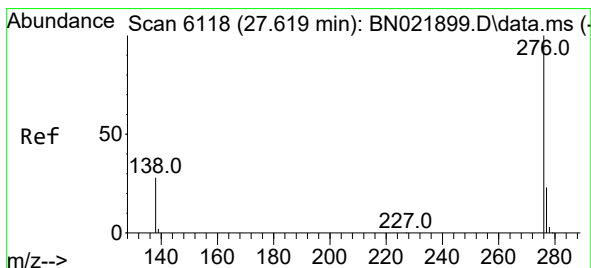
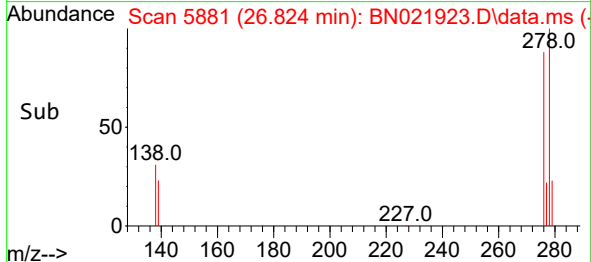
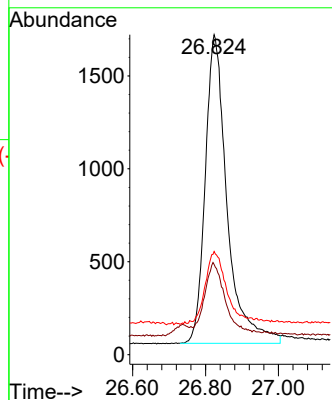
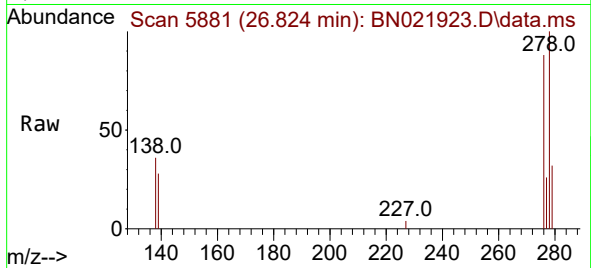




#28
Dibenzo(a,h)anthracene
Concen: 0.388 ng/ul
RT: 26.824 min Scan# 5880
Delta R.T. 0.006 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

Instrument :
BNA_N
ClientSampleId :
SLCS749

Tgt Ion:278 Resp: 6905
Ion Ratio Lower Upper
278 100
139 28.2 18.3 27.5#
279 32.2 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.443 ng/ul
RT: 27.612 min Scan# 6116
Delta R.T. 0.003 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

Tgt Ion:276 Resp: 8550
Ion Ratio Lower Upper
276 100
138 32.9 22.6 34.0
277 26.8 20.2 30.2

