

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021723\
 Data File : BN024064.D
 Acq On : 17 Feb 2023 13:24
 Operator : CG/JU
 Sample : PB150872BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS872

Quant Time: Feb 17 21:35:46 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN013023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 14:45:13 2023
 Response via : Initial Calibration

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

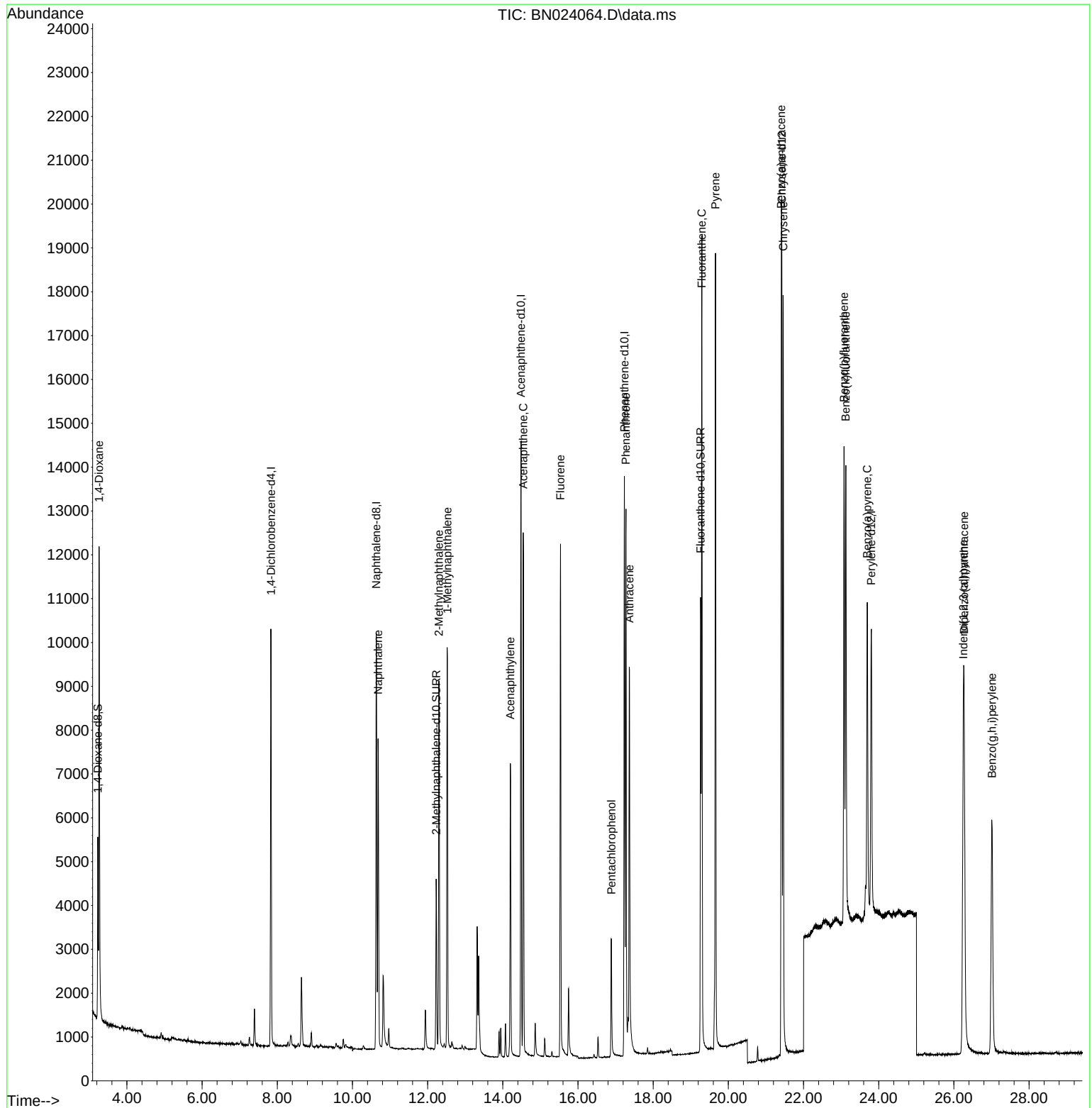
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	4840	0.400	ng/ul	0.00
4) Naphthalene-d8	10.634	136	12665	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.483	164	7297	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.234	188	15854	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.422	240	13545	0.400	ng/ul	# 0.00
23) Perylene-d12	23.804	264	9836	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.226	96	2541	0.490	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	4939	0.249	ng/ul	0.00
18) Fluoranthene-d10	19.262	212	11808	0.325	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.260	88	7379	1.342	ng/ul#	80
5) Naphthalene	10.683	128	9427	0.272	ng/ul	99
7) 2-Methylnaphthalene	12.300	142	5903	0.262	ng/ul	100
8) 1-Methylnaphthalene	12.525	142	6198	0.269	ng/ul	100
10) Acenaphthylene	14.201	152	7559	0.271	ng/ul	99
11) Acenaphthene	14.543	153	6778	0.276	ng/ul	98
12) Fluorene	15.533	166	7702	0.259	ng/ul	97
14) Pentachlorophenol	16.888	266	1929	0.369	ng/ul	99
15) Phenanthrene	17.276	178	13109	0.277	ng/ul	100
16) Anthracene	17.365	178	10850	0.274	ng/ul	98
19) Fluoranthene	19.295	202	15675	0.348	ng/ul	96
20) Pyrene	19.657	202	15824	0.339	ng/ul#	94
21) Benzo(a)anthracene	21.407	228	13489	0.293	ng/ul	99
22) Chrysene	21.457	228	15136	0.312	ng/ul	99
24) Benzo(b)fluoranthene	23.079	252	14254	0.328	ng/ul	96
25) Benzo(k)fluoranthene	23.126	252	13906	0.327	ng/ul#	95
26) Benzo(a)pyrene	23.696	252	10991	0.304	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.250	276	13323	0.262	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.270	278	10906	0.269	ng/ul#	95
29) Benzo(g,h,i)perylene	27.011	276	11874	0.284	ng/ul	97

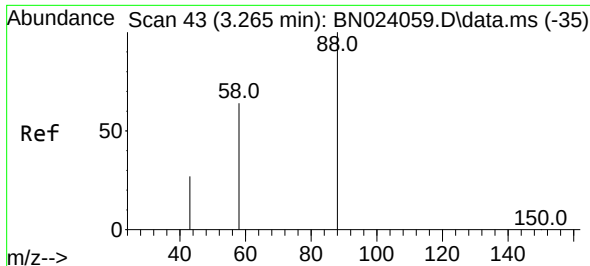
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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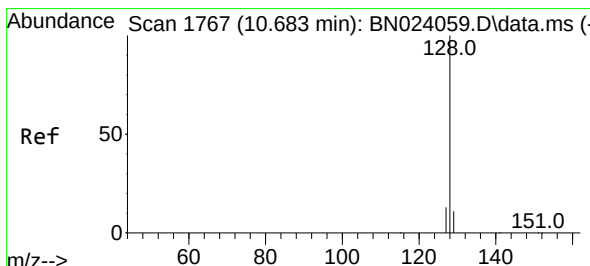
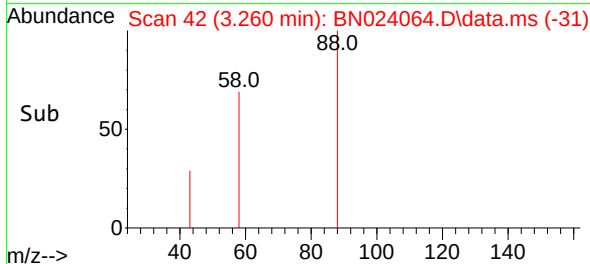
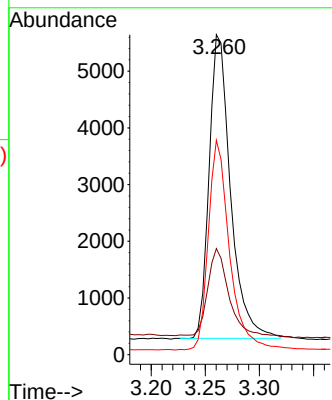
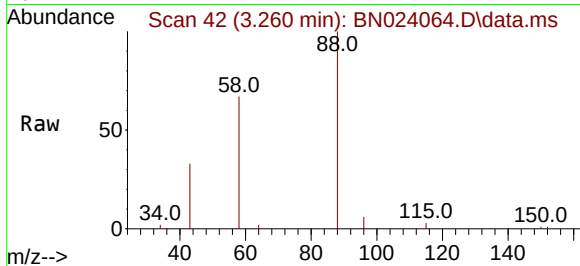




#2
 1,4-Dioxane
 Concen: 1.342 ng/ul
 RT: 3.260 min Scan# 43
 Delta R.T. -0.004 min
 Lab File: BN024064.D
 Acq: 17 Feb 2023 13:24

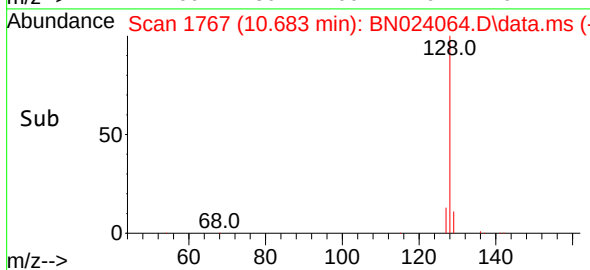
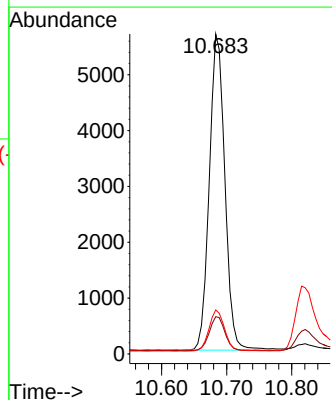
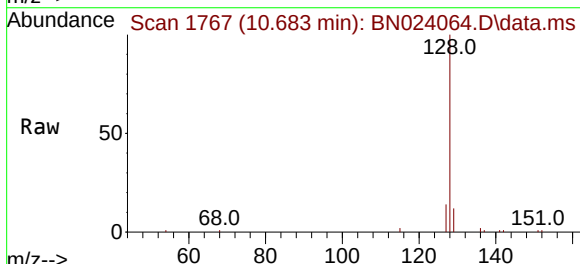
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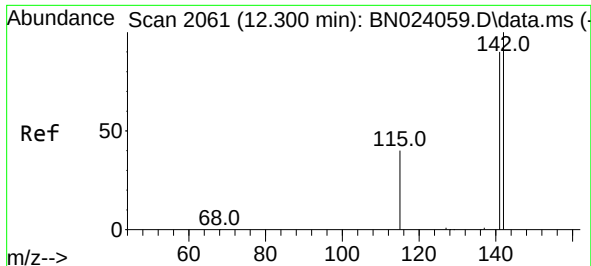
Tgt Ion: 88 Resp: 7379
 Ion Ratio Lower Upper
 88 100
 43 33.1 41.9 62.9#
 58 67.0 45.6 68.4



#5
 Naphthalene
 Concen: 0.272 ng/ul
 RT: 10.683 min Scan# 1767
 Delta R.T. -0.006 min
 Lab File: BN024064.D
 Acq: 17 Feb 2023 13:24

Tgt Ion: 128 Resp: 9427
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.7 14.5
 127 13.8 11.1 16.7

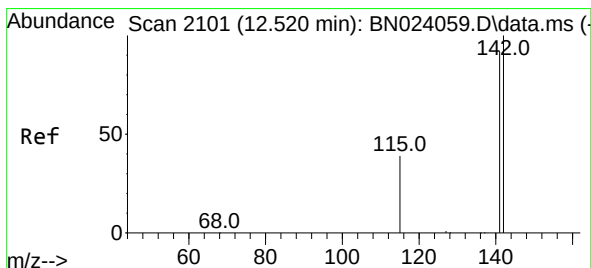
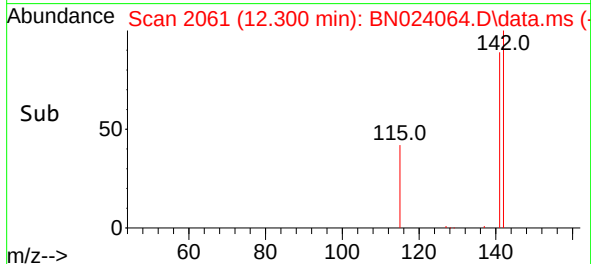
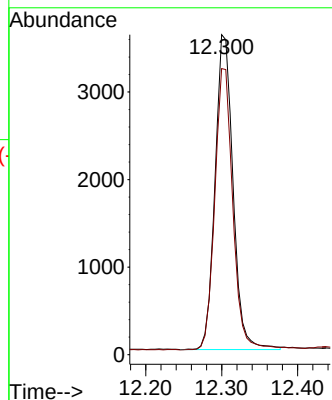
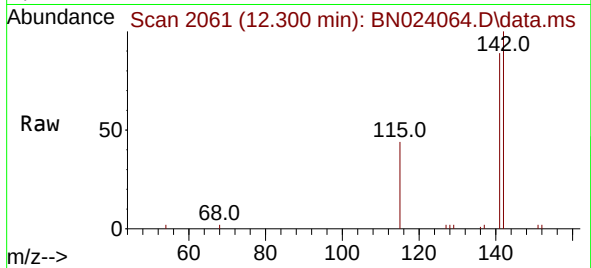




#7
2-Methylnaphthalene
Concen: 0.262 ng/ul
RT: 12.300 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BN024064.D
Acq: 17 Feb 2023 13:24

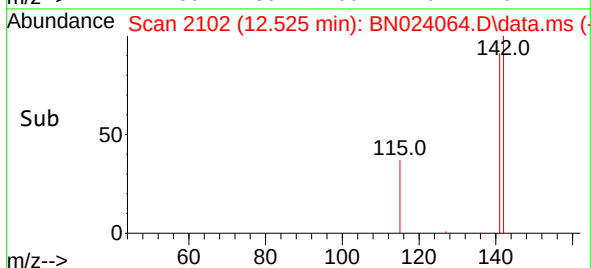
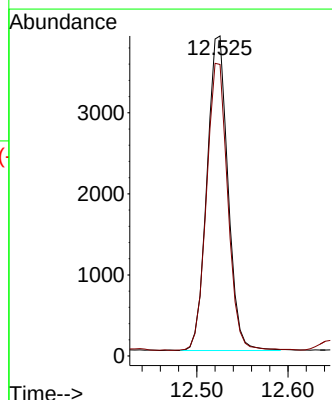
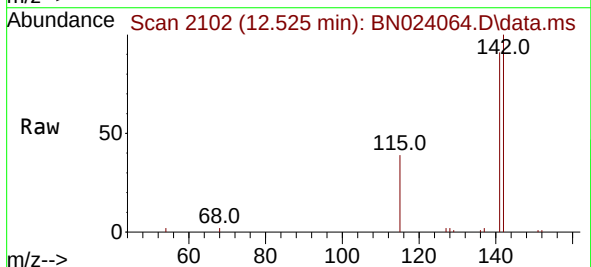
Instrument :
BNA_N
ClientSampleId :
SLCS872

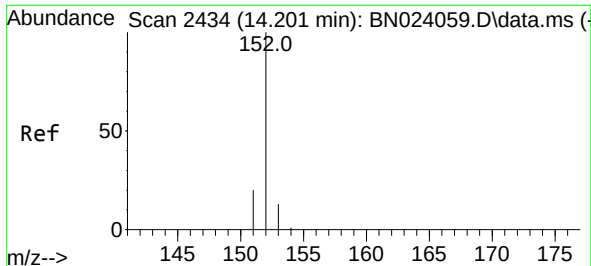
Tgt Ion:142 Resp: 5903
Ion Ratio Lower Upper
142 100
141 89.8 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.269 ng/ul
RT: 12.525 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BN024064.D
Acq: 17 Feb 2023 13:24

Tgt Ion:142 Resp: 6198
Ion Ratio Lower Upper
142 100
141 92.4 74.1 111.1

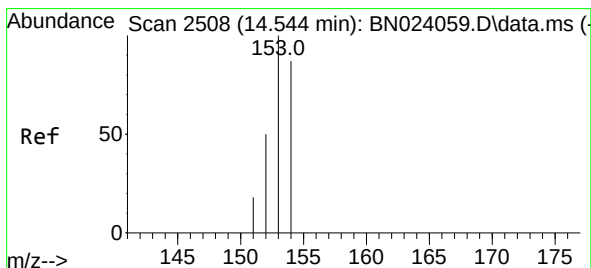
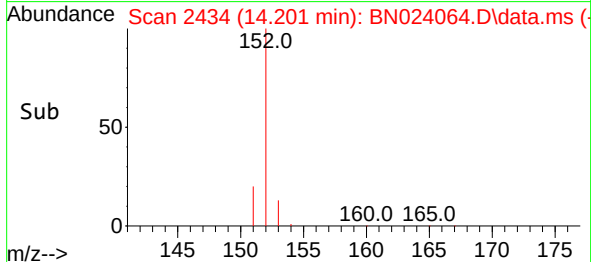
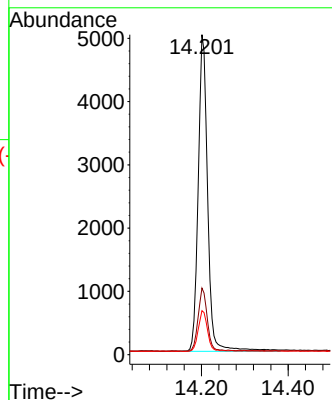
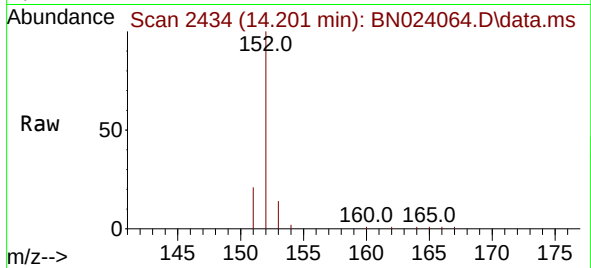




#10
Acenaphthylene
Concen: 0.271 ng/ul
RT: 14.201 min Scan# 2434
Delta R.T. -0.009 min
Lab File: BN024064.D
Acq: 17 Feb 2023 13:24

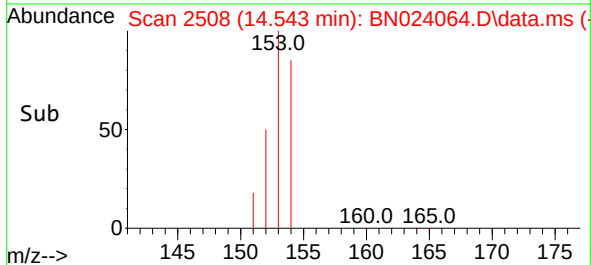
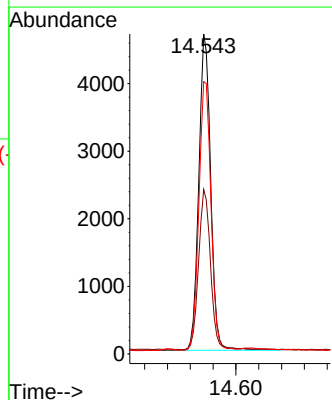
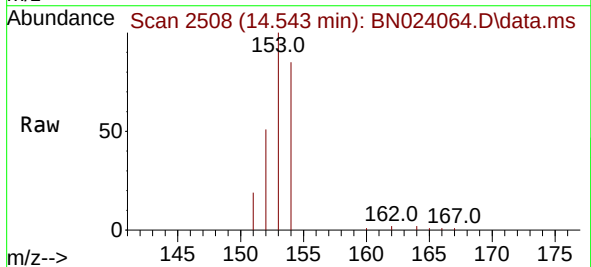
Instrument :
BNA_N
ClientSampleId :
SLCS872

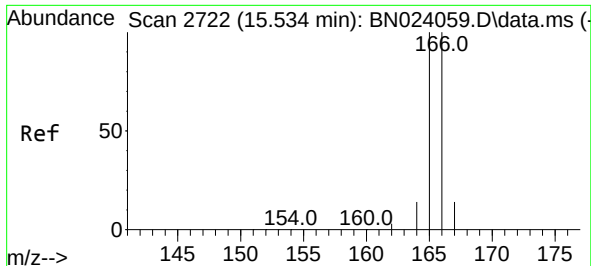
Tgt Ion:152 Resp: 7559
Ion Ratio Lower Upper
152 100
151 20.8 17.0 25.4
153 13.7 11.1 16.7



#11
Acenaphthene
Concen: 0.276 ng/ul
RT: 14.543 min Scan# 2508
Delta R.T. -0.005 min
Lab File: BN024064.D
Acq: 17 Feb 2023 13:24

Tgt Ion:153 Resp: 6778
Ion Ratio Lower Upper
153 100
152 51.4 39.6 59.4
154 85.1 68.8 103.2

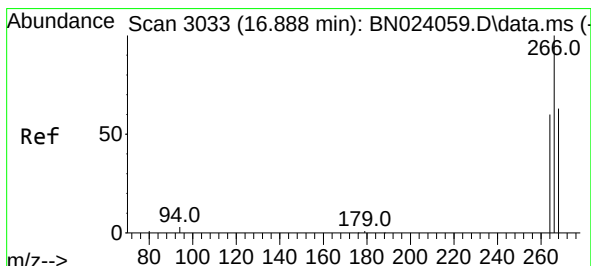
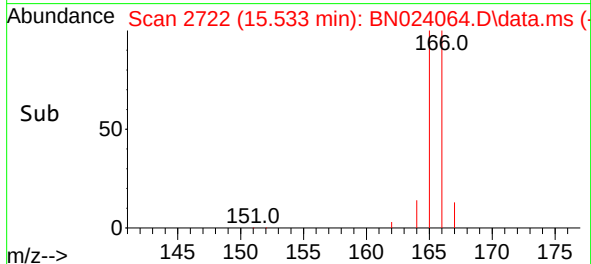
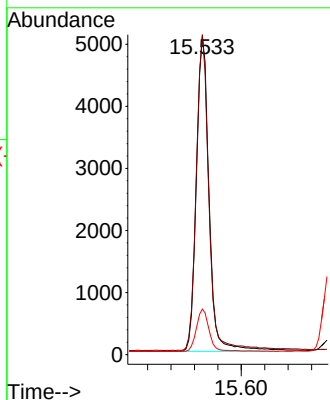
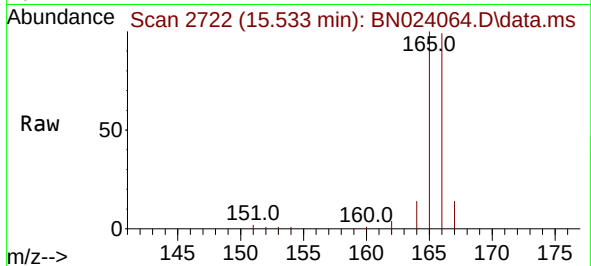




#12
Fluorene
Concen: 0.259 ng/ul
RT: 15.533 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN024064.D
Acq: 17 Feb 2023 13:24

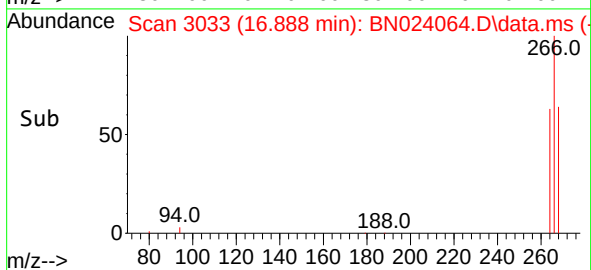
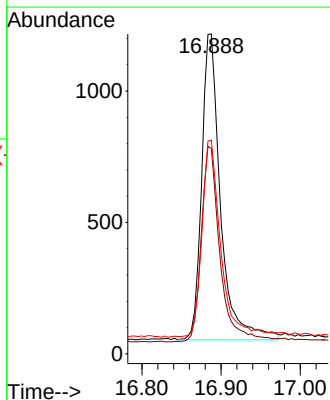
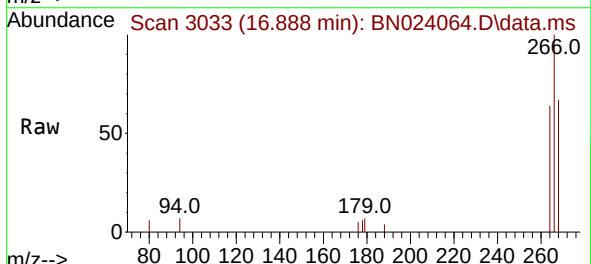
Instrument :
BNA_N
ClientSampleId :
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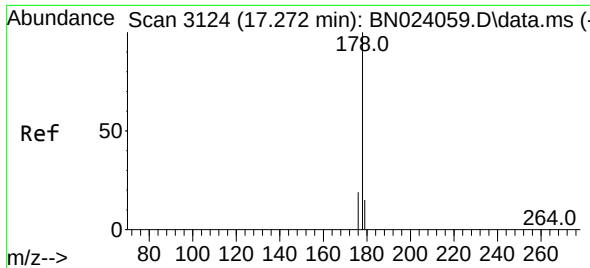
Tgt Ion:166 Resp: 7702
Ion Ratio Lower Upper
166 100
165 100.5 77.4 116.2
167 14.3 11.4 17.0



#14
Pentachlorophenol
Concen: 0.369 ng/ul
RT: 16.888 min Scan# 3033
Delta R.T. -0.004 min
Lab File: BN024064.D
Acq: 17 Feb 2023 13:24

Tgt Ion:266 Resp: 1929
Ion Ratio Lower Upper
266 100
264 62.9 49.4 74.0
268 65.1 52.0 78.0

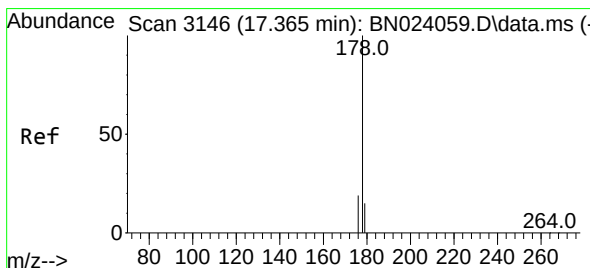
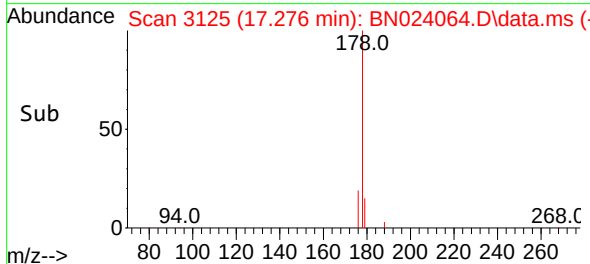
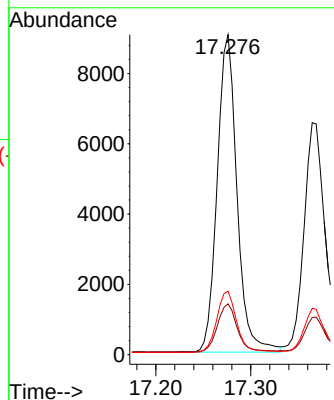
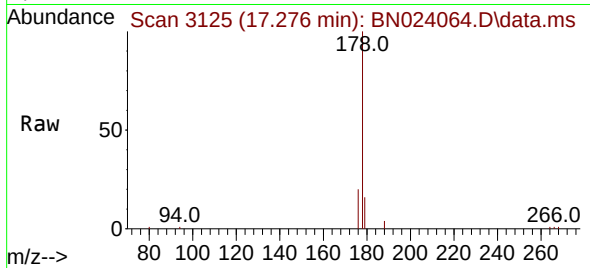




#15
 Phenanthrene
 Concen: 0.277 ng/ul
 RT: 17.276 min Scan# 3125
 Delta R.T. -0.004 min
 Lab File: BN024064.D
 Acq: 17 Feb 2023 13:24

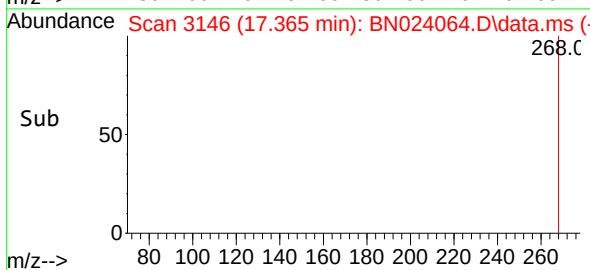
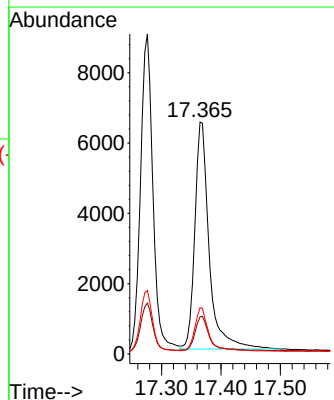
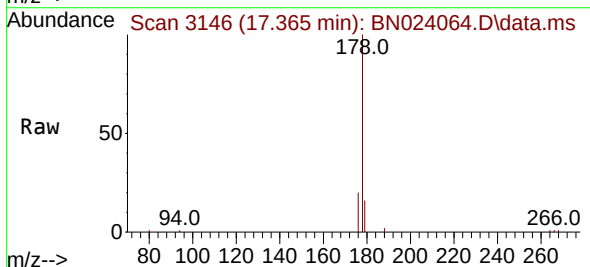
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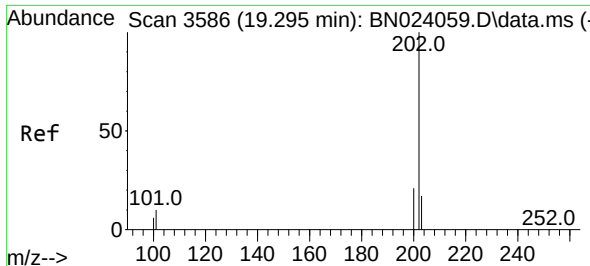
Tgt Ion:	178	Resp:	13109
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.6	19.0
176	19.9	15.7	23.5



#16
 Anthracene
 Concen: 0.274 ng/ul
 RT: 17.365 min Scan# 3146
 Delta R.T. -0.004 min
 Lab File: BN024064.D
 Acq: 17 Feb 2023 13:24

Tgt Ion:	178	Resp:	10850
Ion Ratio	Lower	Upper	
178	100		
179	16.0	13.4	20.0
176	20.0	15.4	23.2

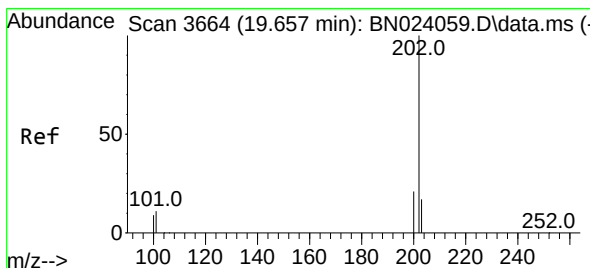
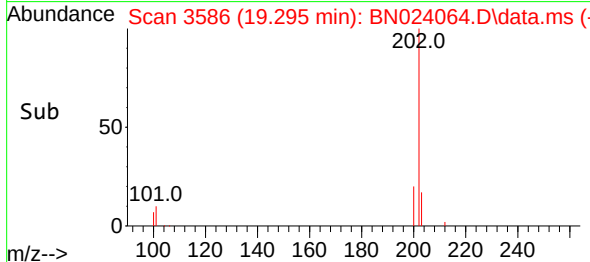
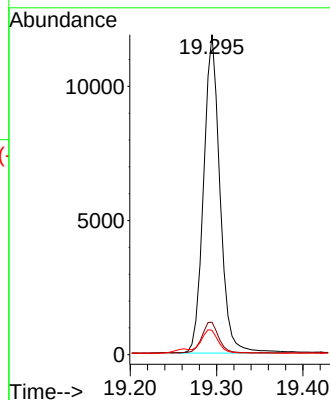
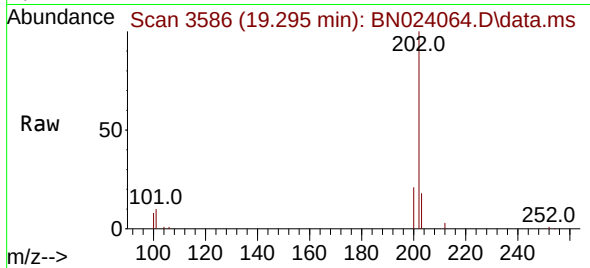




#19
Fluoranthene
Concen: 0.348 ng/ul
RT: 19.295 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BN024064.D
Acq: 17 Feb 2023 13:24

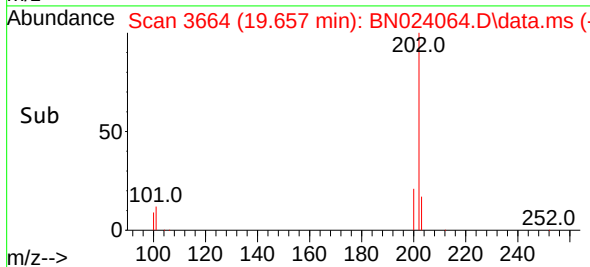
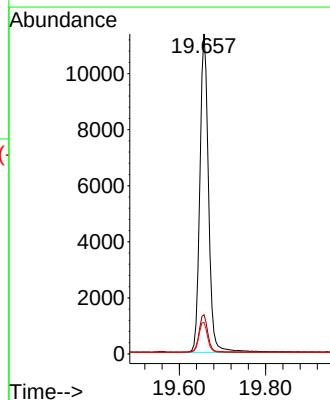
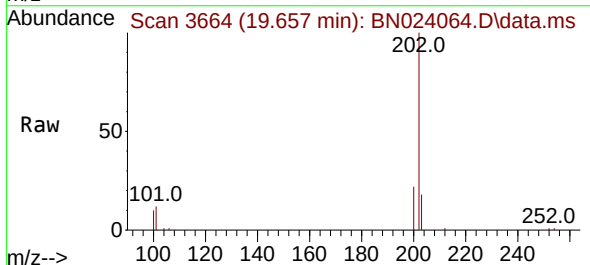
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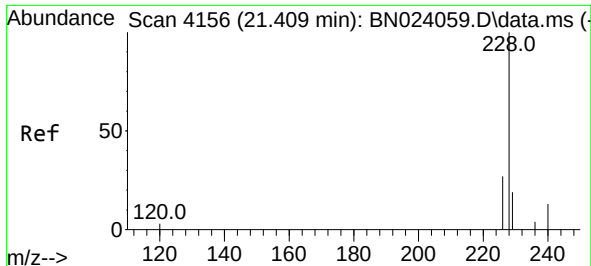
Tgt Ion:202 Resp: 15675
Ion Ratio Lower Upper
202 100
101 10.2 6.8 10.2
100 7.6 5.2 7.8



#20
Pyrene
Concen: 0.339 ng/ul
RT: 19.657 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN024064.D
Acq: 17 Feb 2023 13:24

Tgt Ion:202 Resp: 15824
Ion Ratio Lower Upper
202 100
101 12.2 8.1 12.1#
100 9.8 6.2 9.4#

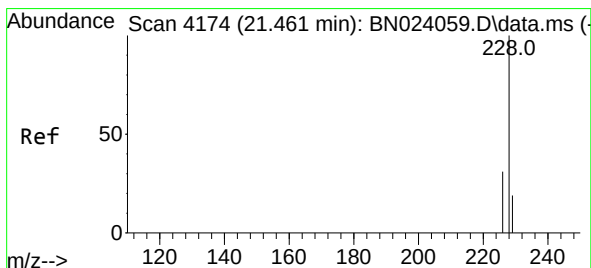
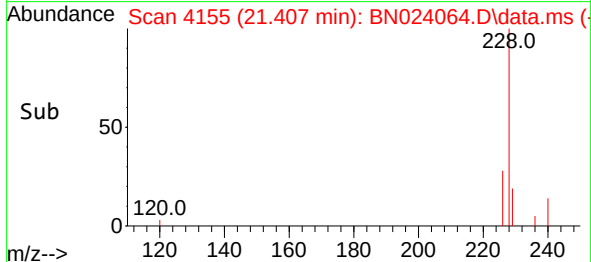
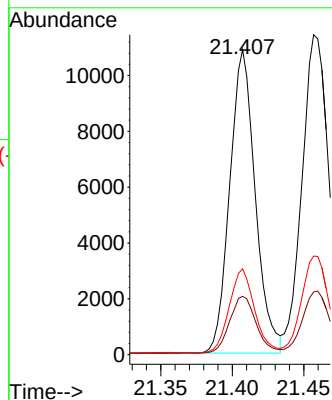
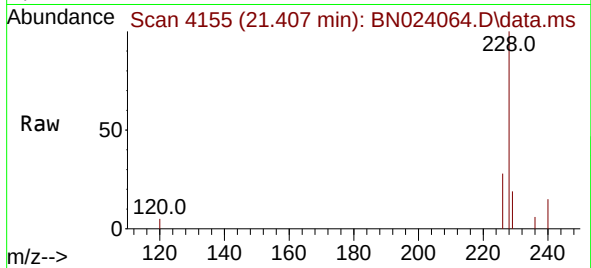




#21
Benzo(a)anthracene
Concen: 0.293 ng/ul
RT: 21.407 min Scan# 4156
Delta R.T. -0.004 min
Lab File: BN024064.D
Acq: 17 Feb 2023 13:24

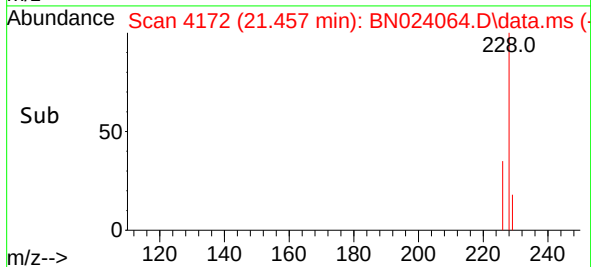
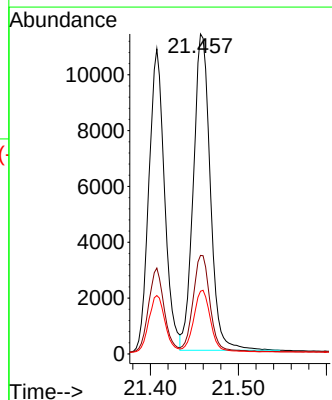
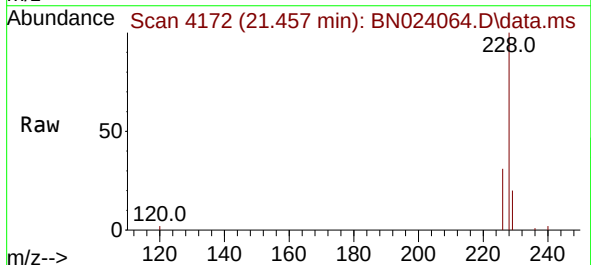
Instrument :
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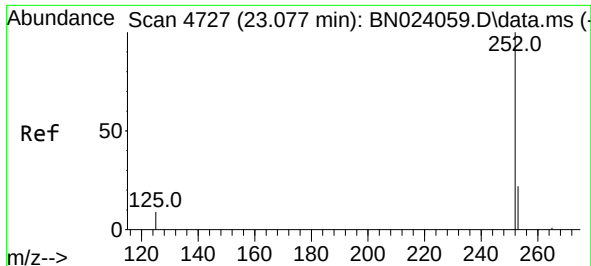
Tgt Ion:228 Resp: 13489
Ion Ratio Lower Upper
228 100
229 19.2 15.8 23.8
226 28.2 22.0 33.0



#22
Chrysene
Concen: 0.312 ng/ul
RT: 21.457 min Scan# 4172
Delta R.T. -0.010 min
Lab File: BN024064.D
Acq: 17 Feb 2023 13:24

Tgt Ion:228 Resp: 15136
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.2
229 19.6 15.5 23.3

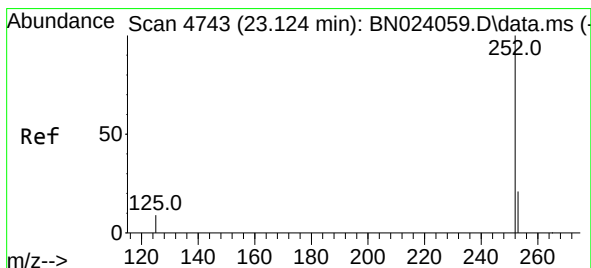
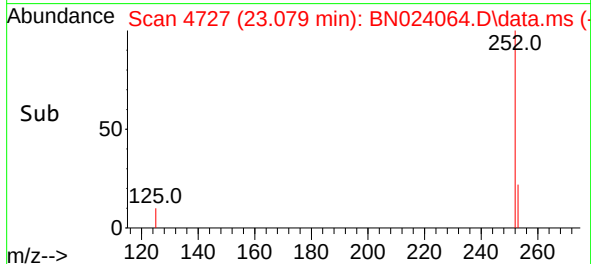
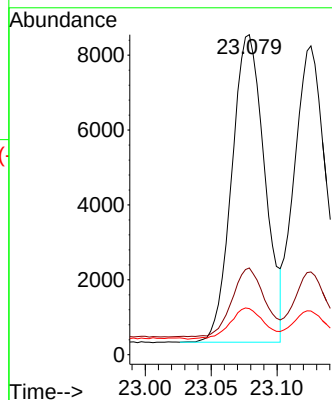
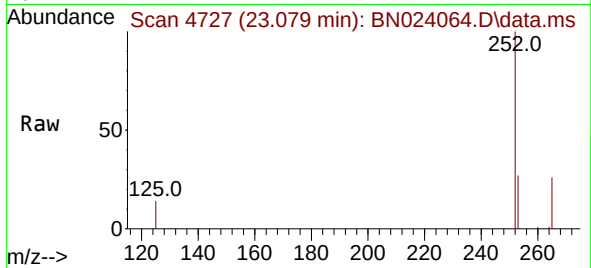




#24
Benzo(b)fluoranthene
Concen: 0.328 ng/ul
RT: 23.079 min Scan# 4727
Delta R.T. -0.013 min
Lab File: BN024064.D
Acq: 17 Feb 2023 13:24

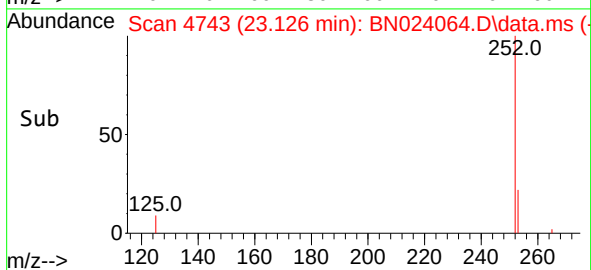
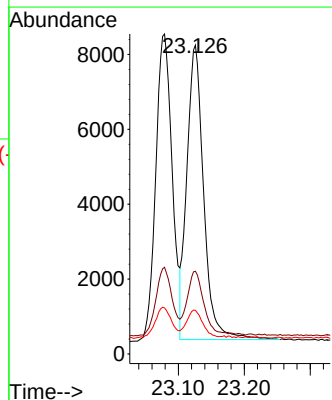
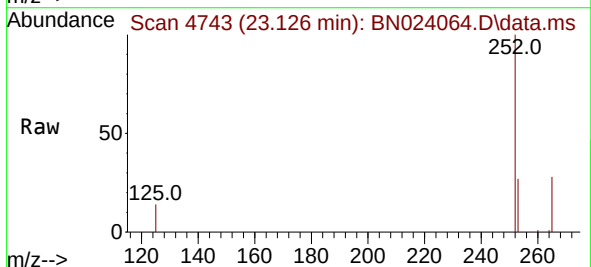
Instrument :
BNA_N
ClientSampleId :
SLCS872

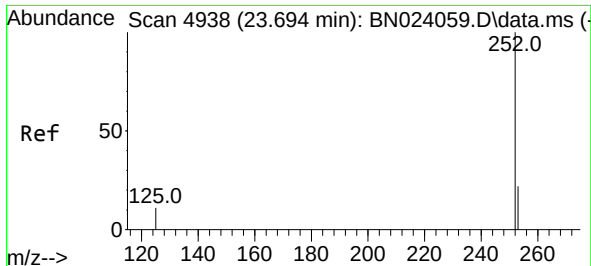
Tgt Ion:252 Resp: 14254
Ion Ratio Lower Upper
252 100
253 27.1 0.0 51.8
125 14.4 0.0 23.6



#25
Benzo(k)fluoranthene
Concen: 0.327 ng/ul
RT: 23.126 min Scan# 4743
Delta R.T. -0.013 min
Lab File: BN024064.D
Acq: 17 Feb 2023 13:24

Tgt Ion:252 Resp: 13906
Ion Ratio Lower Upper
252 100
253 26.8 20.2 30.2
125 14.1 9.0 13.4#

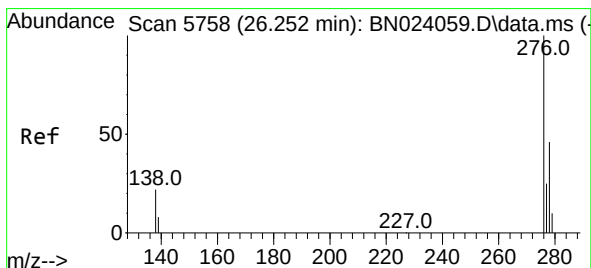
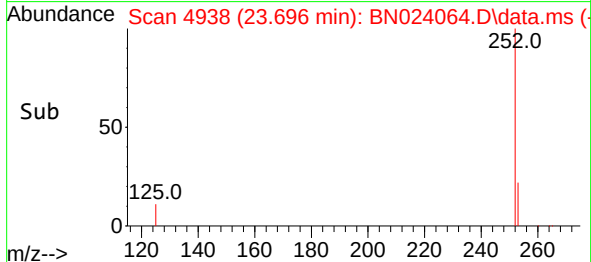
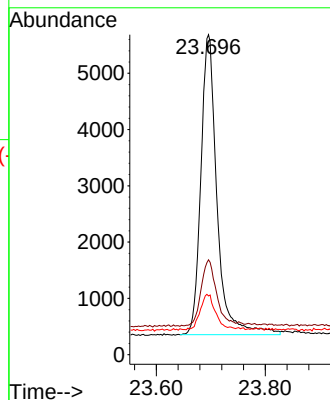
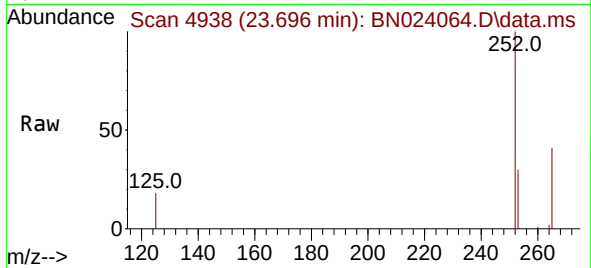




#26
Benzo(a)pyrene
Concen: 0.304 ng/ul
RT: 23.696 min Scan# 4938
Delta R.T. -0.010 min
Lab File: BN024064.D
Acq: 17 Feb 2023 13:24

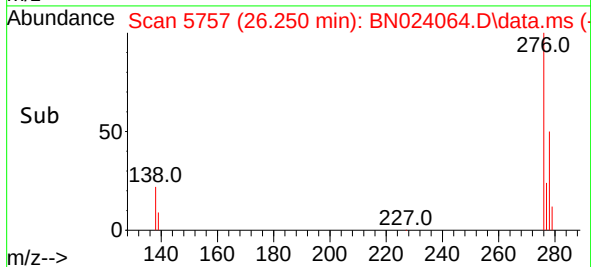
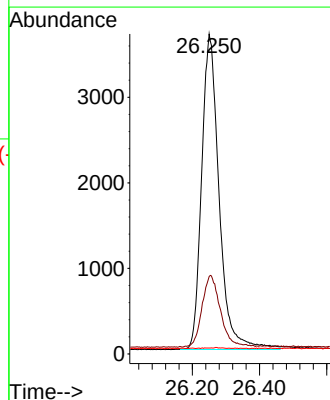
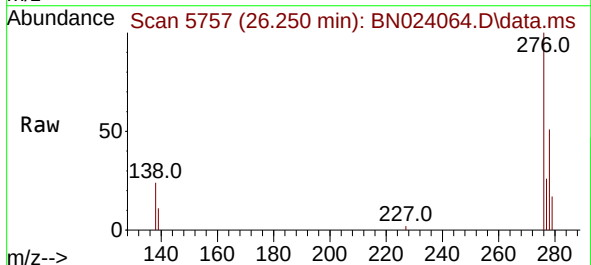
Instrument :
BNA_N
ClientSampleId :
SLCS872

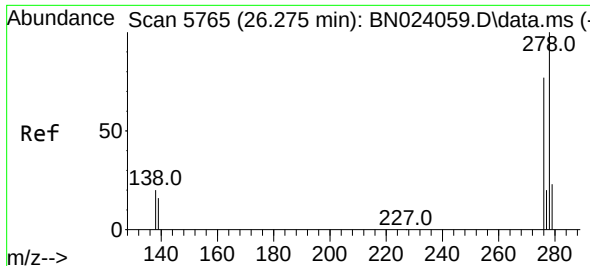
Tgt Ion:252 Resp: 10991
Ion Ratio Lower Upper
252 100
253 29.7 21.5 32.3
125 18.3 11.2 16.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.262 ng/ul
RT: 26.250 min Scan# 5757
Delta R.T. -0.042 min
Lab File: BN024064.D
Acq: 17 Feb 2023 13:24

Tgt Ion:276 Resp: 13323
Ion Ratio Lower Upper
276 100
138 24.0 17.0 25.6
227 0.1 0.2 0.4#

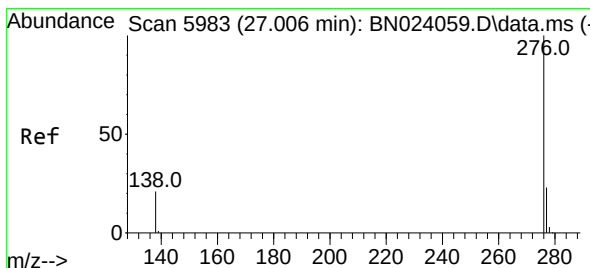
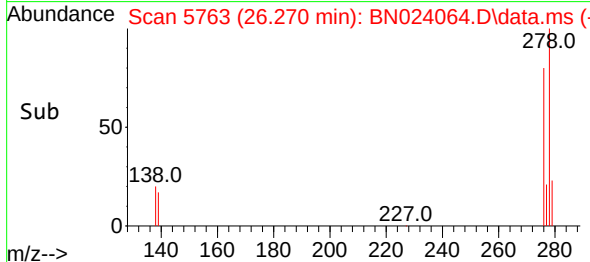
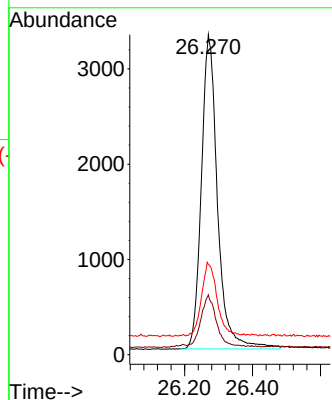
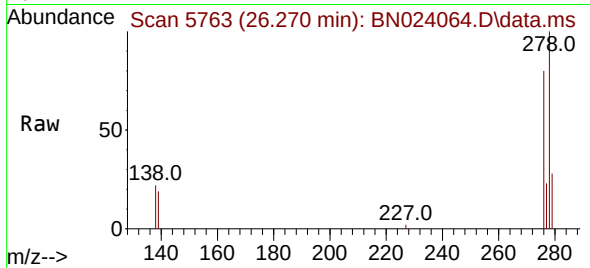




#28
 Dibenzo(a,h)anthracene
 Concen: 0.269 ng/ul
 RT: 26.270 min Scan# 51
 Delta R.T. -0.039 min
 Lab File: BN024064.D
 Acq: 17 Feb 2023 13:24

Instrument :
 BNA_N
 ClientSampleId :
 SLCS872

Tgt Ion:278 Resp: 10906
 Ion Ratio Lower Upper
 278 100
 139 18.7 12.3 18.5#
 279 28.2 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.284 ng/ul
 RT: 27.011 min Scan# 5984
 Delta R.T. -0.035 min
 Lab File: BN024064.D
 Acq: 17 Feb 2023 13:24

Tgt Ion:276 Resp: 11874
 Ion Ratio Lower Upper
 276 100
 138 21.9 15.3 22.9
 277 24.5 19.9 29.9

