

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026347.D
 Acq On : 07 Jul 2023 01:40
 Operator : MA/JU
 Sample : PB153811BS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS811

Quant Time: Jul 07 02:29:28 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 06 17:50:03 2023
 Response via : Initial Calibration

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

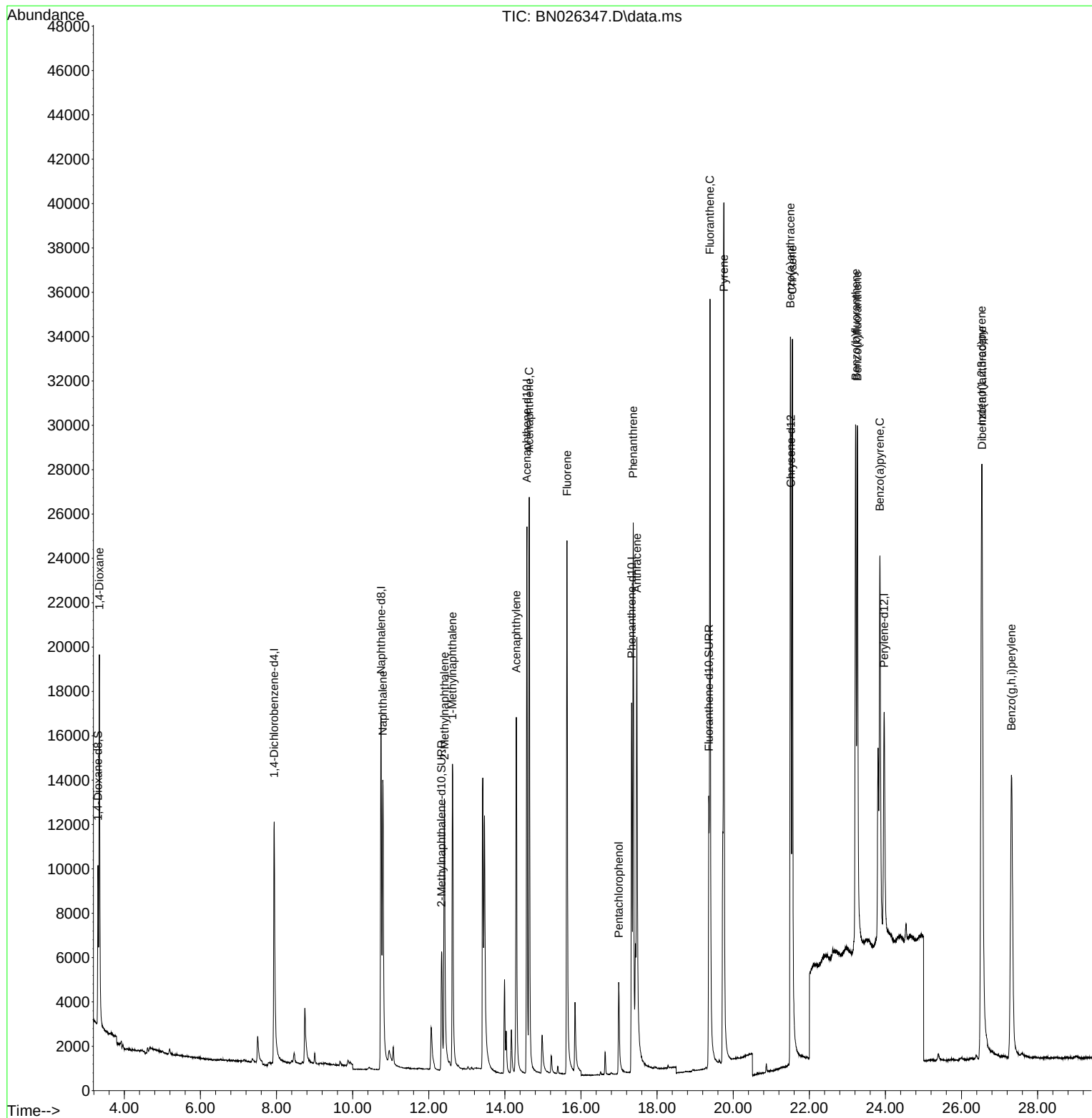
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	8632	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	28824	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.579	164	15227	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.330	188	24129	0.400	ng/ul	0.00
17) Chrysene-d12	21.517	240	15419	0.400	ng/ul	-0.01
23) Perylene-d12	23.967	264	17161	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	4929	0.507	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.337	152	9968	0.225	ng/ul	0.00
18) Fluoranthene-d10	19.359	212	16338	0.278	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.343	88	12443	1.205	ng/ul#	85
5) Naphthalene	10.792	128	22533	0.273	ng/ul	99
7) 2-Methylnaphthalene	12.414	142	11415	0.217	ng/ul	99
8) 1-Methylnaphthalene	12.623	142	11409	0.209	ng/ul	99
10) Acenaphthylene	14.302	152	22190	0.311	ng/ul	100
11) Acenaphthene	14.639	153	17361	0.298	ng/ul	99
12) Fluorene	15.634	166	20133	0.301	ng/ul	100
14) Pentachlorophenol	16.992	266	3855	0.446	ng/ul	100
15) Phenanthrene	17.372	178	31359	0.393	ng/ul	99
16) Anthracene	17.469	178	28519	0.403	ng/ul	99
19) Fluoranthene	19.391	202	36144	0.439	ng/ul	97
20) Pyrene	19.754	202	38568	0.450	ng/ul	96
21) Benzo(a)anthracene	21.502	228	30453	0.479	ng/ul	99
22) Chrysene	21.555	228	32392	0.489	ng/ul	100
24) Benzo(b)fluoranthene	23.215	252	34730	0.474	ng/ul	96
25) Benzo(k)fluoranthene	23.262	252	35714	0.486	ng/ul	94
26) Benzo(a)pyrene	23.855	252	30154	0.474	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.530	276	41301	0.594	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.541	278	31907	0.607	ng/ul	92
29) Benzo(g,h,i)perylene	27.312	276	35949	0.582	ng/ul	96

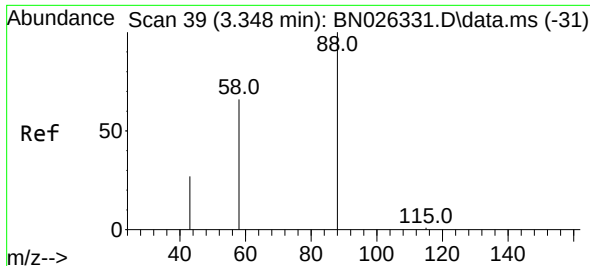
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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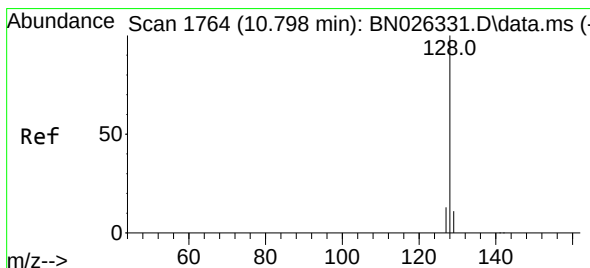
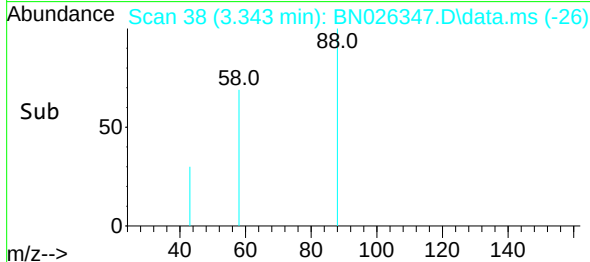
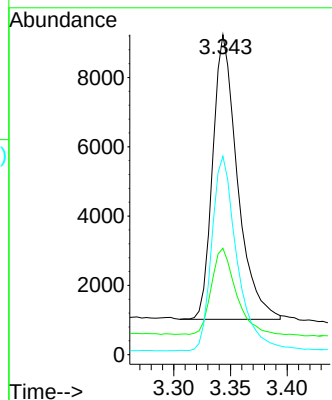
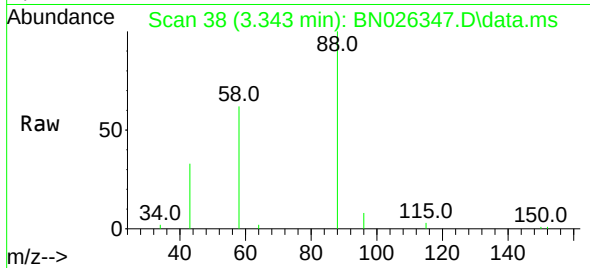




#2
 1,4-Dioxane
 Concen: 1.205 ng/ul
 RT: 3.343 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN026347.D
 Acq: 07 Jul 2023 01:40

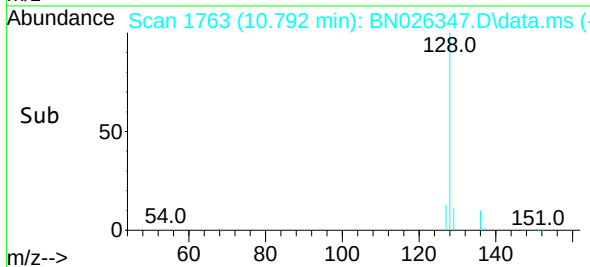
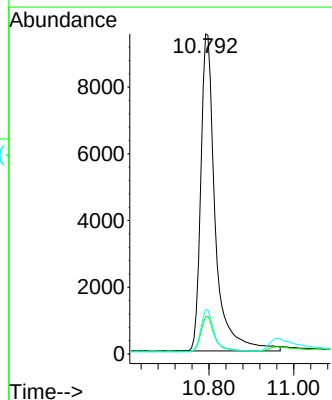
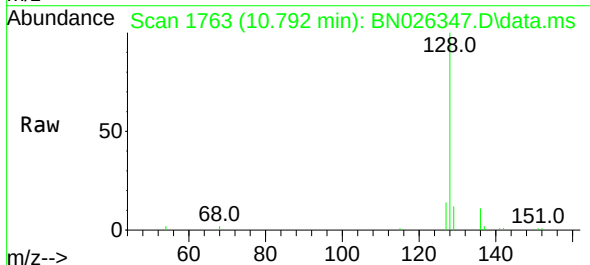
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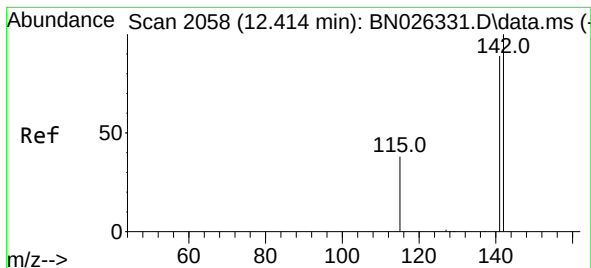
Tgt Ion: 88 Resp: 12443
 Ion Ratio Lower Upper
 88 100
 43 33.2 29.5 44.3
 58 62.0 37.4 56.2#



#5
 Naphthalene
 Concen: 0.273 ng/ul
 RT: 10.792 min Scan# 1763
 Delta R.T. -0.006 min
 Lab File: BN026347.D
 Acq: 07 Jul 2023 01:40

Tgt Ion: 128 Resp: 22533
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.1 13.7
 127 13.8 10.7 16.1

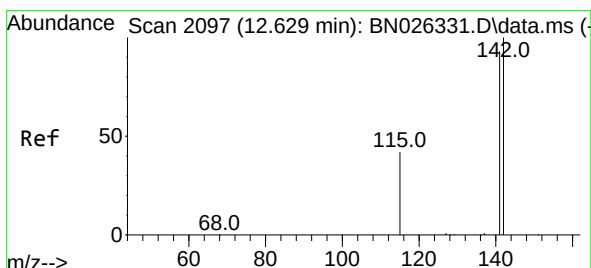
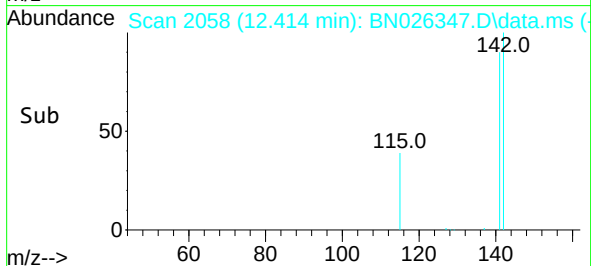
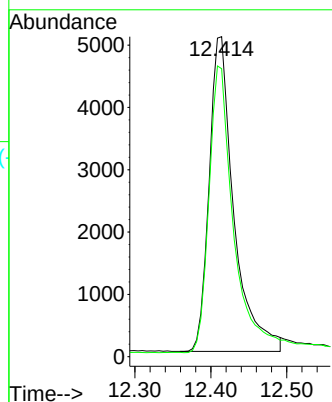
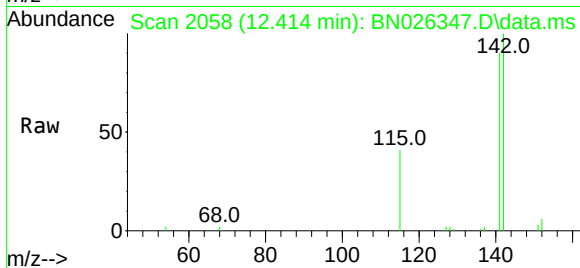




#7
2-Methylnaphthalene
Concen: 0.217 ng/ul
RT: 12.414 min Scan# 2058
Delta R.T. -0.000 min
Lab File: BN026347.D
Acq: 07 Jul 2023 01:40

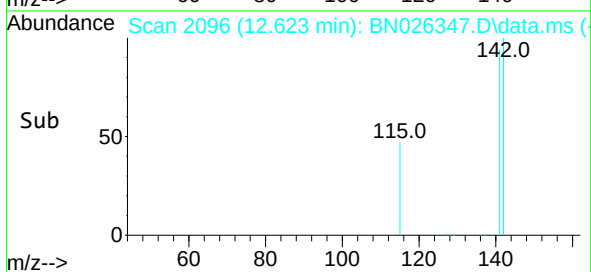
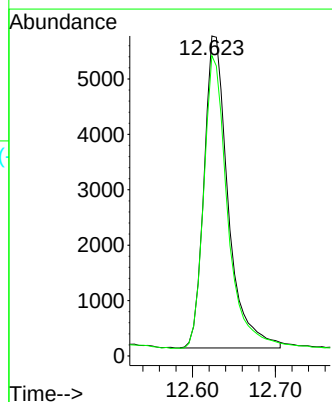
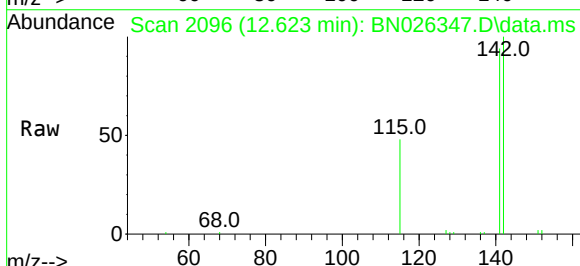
Instrument :
BNA_N
ClientSampleId :
SLCS811

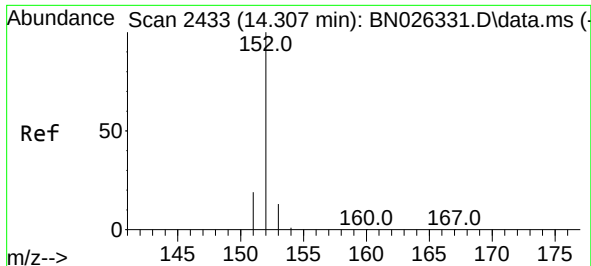
Tgt Ion:142 Resp: 11415
Ion Ratio Lower Upper
142 100
141 90.5 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.209 ng/ul
RT: 12.623 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BN026347.D
Acq: 07 Jul 2023 01:40

Tgt Ion:142 Resp: 11409
Ion Ratio Lower Upper
142 100
141 92.2 74.2 111.4

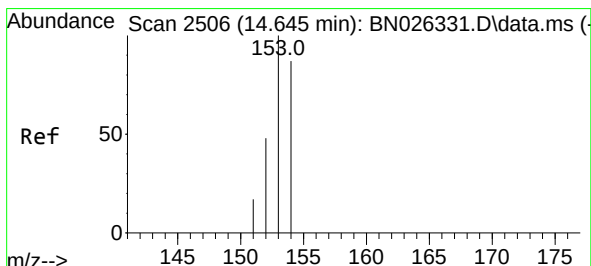
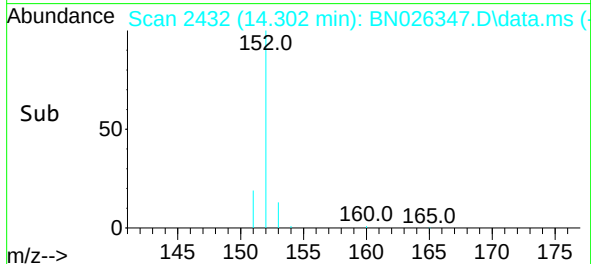
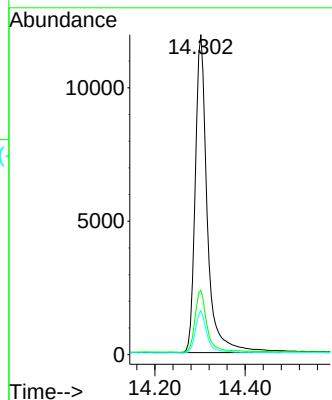
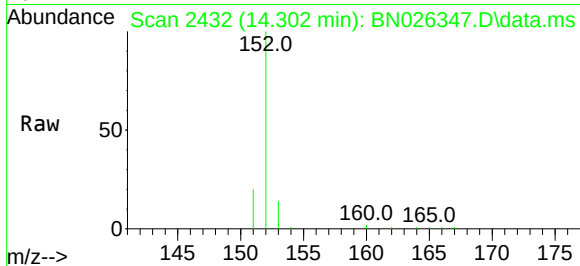




#10
Acenaphthylene
Concen: 0.311 ng/ul
RT: 14.302 min Scan# 2433
Delta R.T. -0.005 min
Lab File: BN026347.D
Acq: 07 Jul 2023 01:40

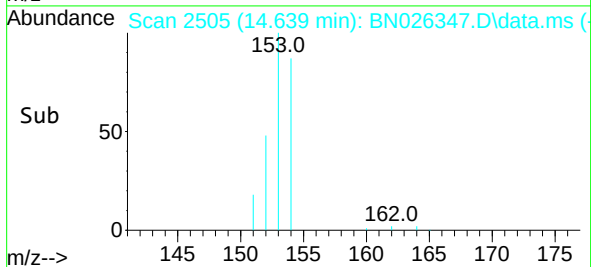
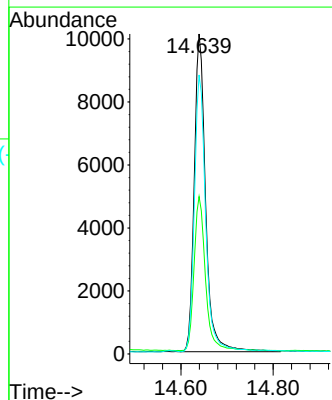
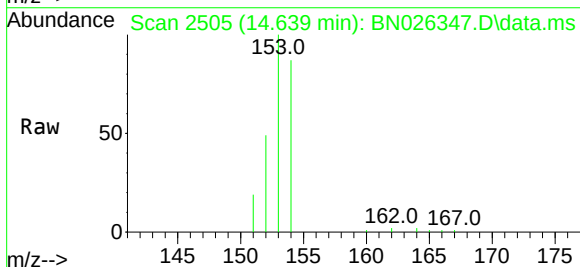
Instrument :
BNA_N
ClientSampleId :
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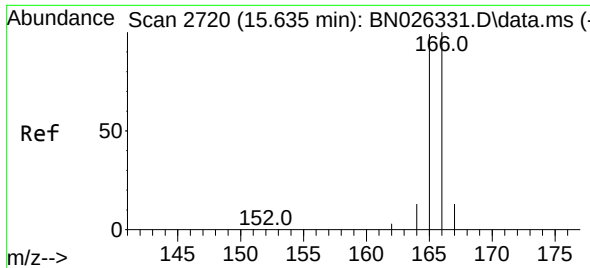
Tgt Ion:152	Resp:	22190
Ion Ratio	Lower	Upper
152	100	
151	20.2	16.2 24.4
153	13.7	10.9 16.3



#11
Acenaphthene
Concen: 0.298 ng/ul
RT: 14.639 min Scan# 2505
Delta R.T. -0.005 min
Lab File: BN026347.D
Acq: 07 Jul 2023 01:40

Tgt Ion:153	Resp:	17361
Ion Ratio	Lower	Upper
153	100	
152	49.2	39.4 59.0
154	87.2	68.9 103.3

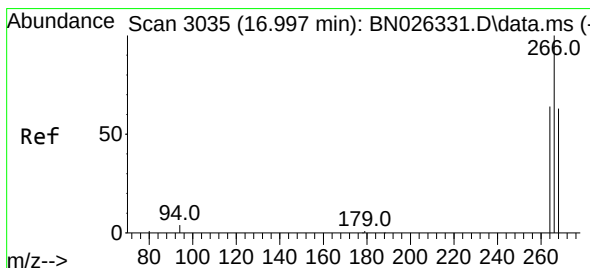
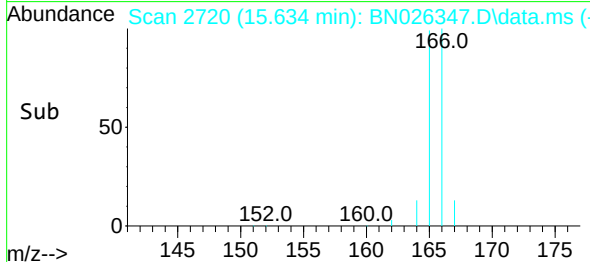
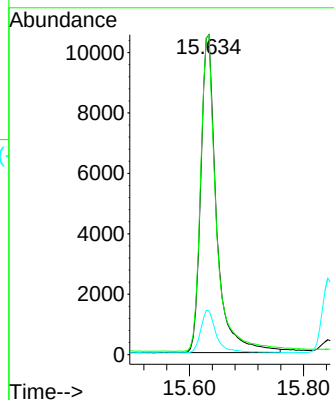
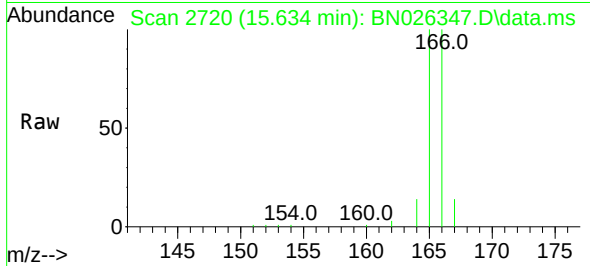




#12
Fluorene
Concen: 0.301 ng/ul
RT: 15.634 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN026347.D
Acq: 07 Jul 2023 01:40

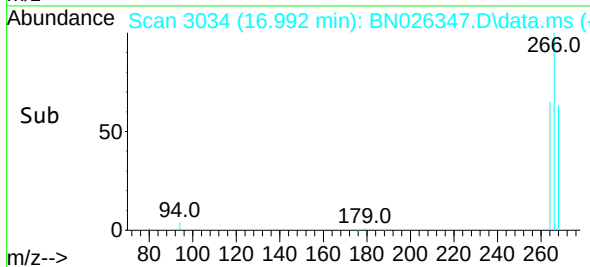
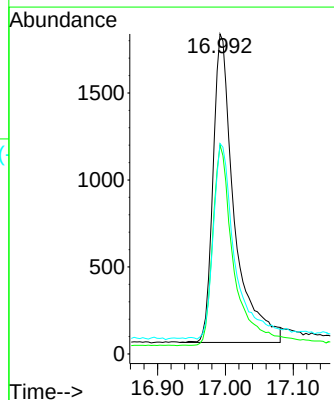
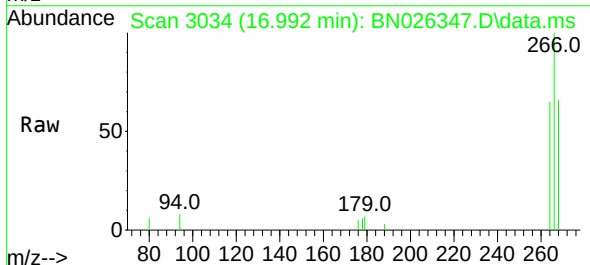
Instrument :
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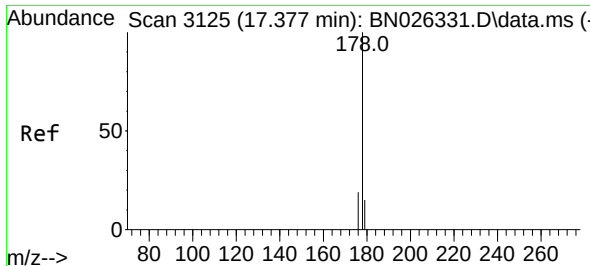
Tgt Ion:166 Resp: 20133
Ion Ratio Lower Upper
166 100
165 99.8 79.9 119.9
167 13.7 10.8 16.2



#14
Pentachlorophenol
Concen: 0.446 ng/ul
RT: 16.992 min Scan# 3034
Delta R.T. -0.009 min
Lab File: BN026347.D
Acq: 07 Jul 2023 01:40

Tgt Ion:266 Resp: 3855
Ion Ratio Lower Upper
266 100
264 63.4 50.5 75.7
268 64.6 51.6 77.4

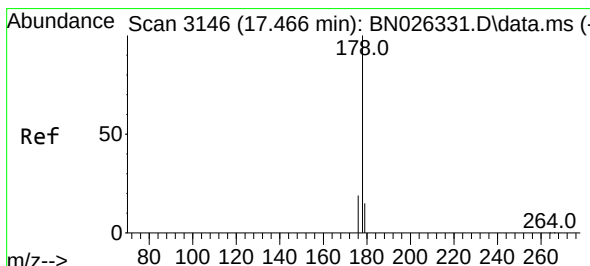
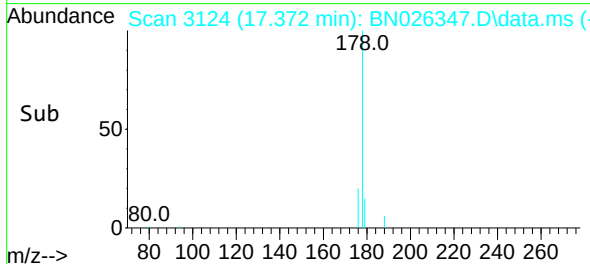
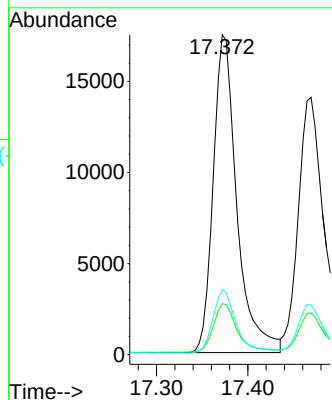
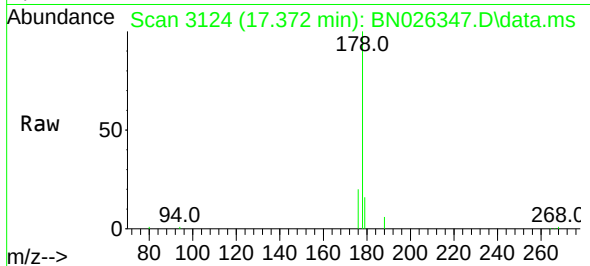




#15
Phenanthrene
Concen: 0.393 ng/ul
RT: 17.372 min Scan# 3125
Delta R.T. -0.005 min
Lab File: BN026347.D
Acq: 07 Jul 2023 01:40

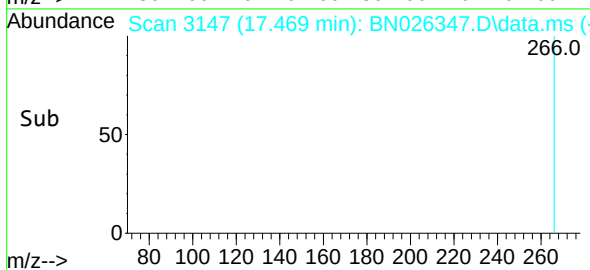
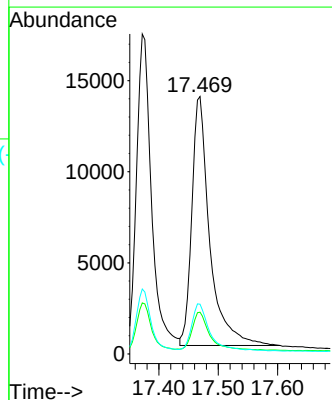
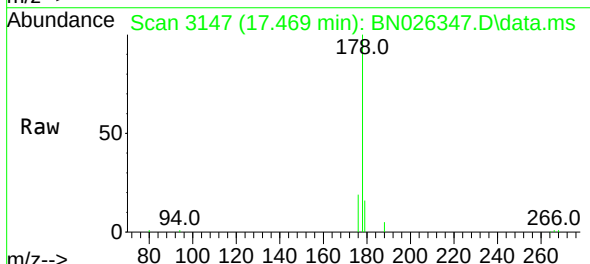
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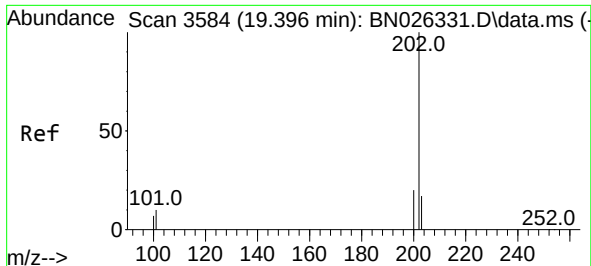
Tgt Ion:	178	Resp:	31359
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.6	19.0
176	20.3	15.8	23.6



#16
Anthracene
Concen: 0.403 ng/ul
RT: 17.469 min Scan# 3147
Delta R.T. -0.005 min
Lab File: BN026347.D
Acq: 07 Jul 2023 01:40

Tgt Ion:	178	Resp:	28519
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.6	18.8
176	19.3	15.1	22.7

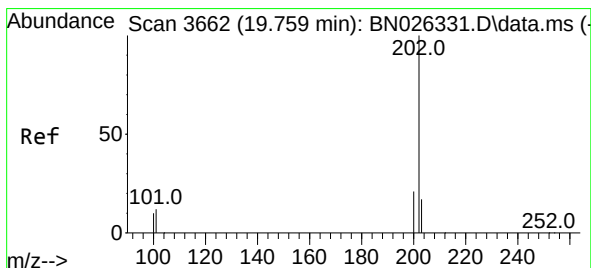
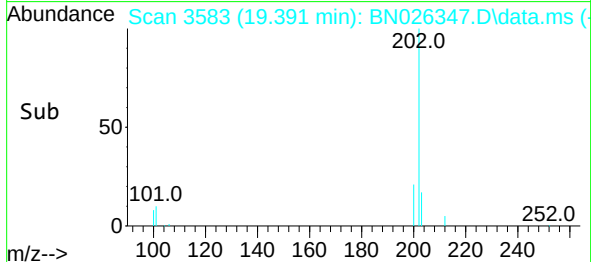
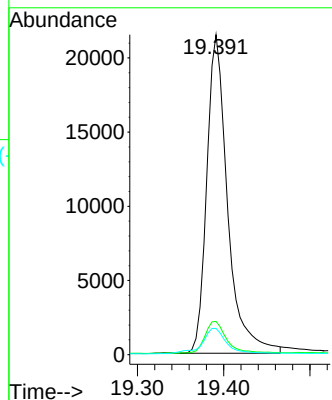
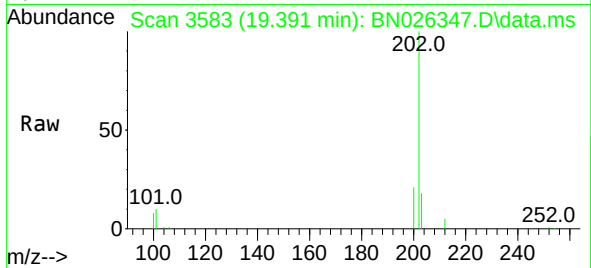




#19
Fluoranthene
Concen: 0.439 ng/ul
RT: 19.391 min Scan# 3583
Delta R.T. -0.005 min
Lab File: BN026347.D
Acq: 07 Jul 2023 01:40

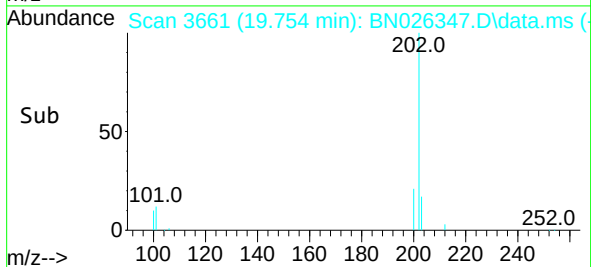
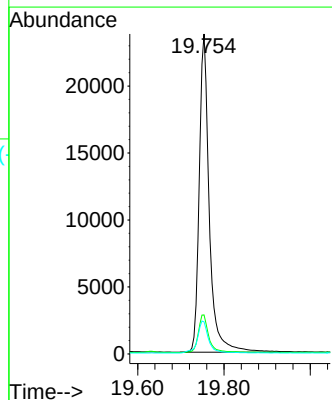
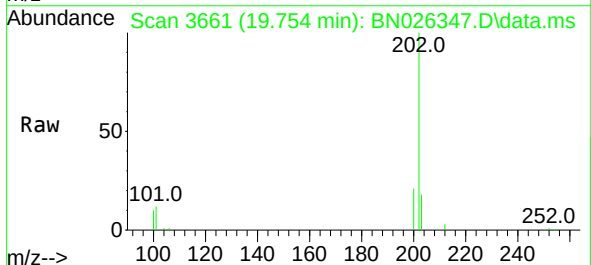
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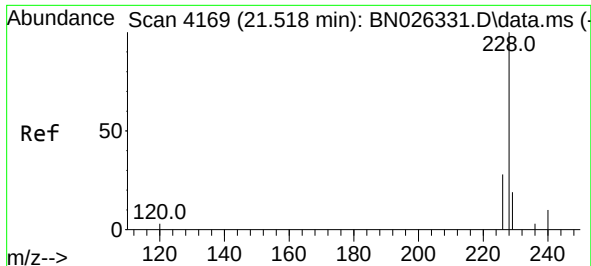
Tgt Ion:202 Resp: 36144
Ion Ratio Lower Upper
202 100
101 10.4 9.5 14.3
100 8.2 7.3 10.9



#20
Pyrene
Concen: 0.450 ng/ul
RT: 19.754 min Scan# 3661
Delta R.T. -0.005 min
Lab File: BN026347.D
Acq: 07 Jul 2023 01:40

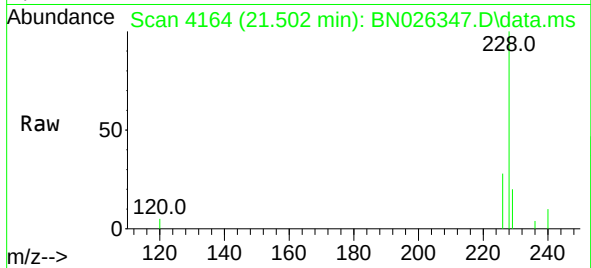
Tgt Ion:202 Resp: 38568
Ion Ratio Lower Upper
202 100
101 12.2 11.4 17.0
100 10.1 9.1 13.7



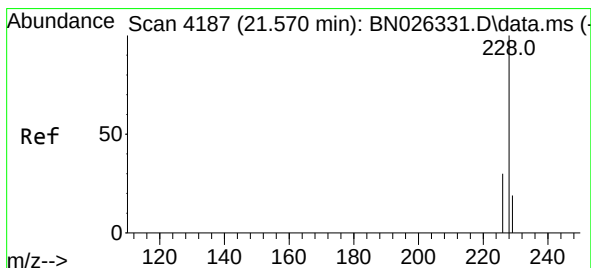
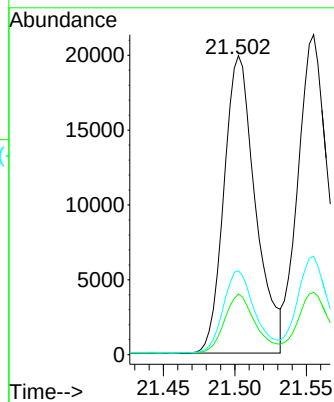
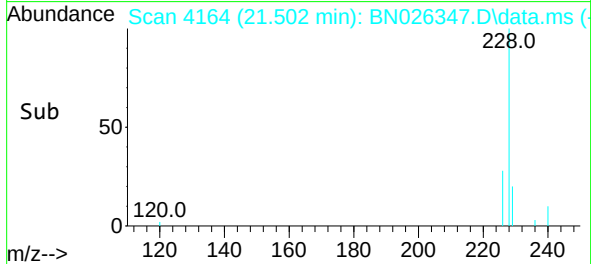


#21
Benzo(a)anthracene
Concen: 0.479 ng/ul
RT: 21.502 min Scan# 4164
Delta R.T. -0.012 min
Lab File: BN026347.D
Acq: 07 Jul 2023 01:40

Instrument :
BNA_N
ClientSampleId :
SLCS811

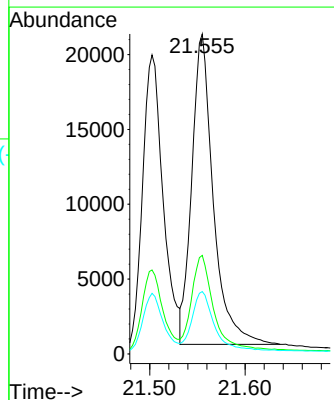
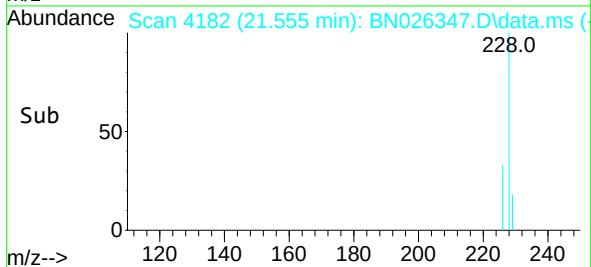
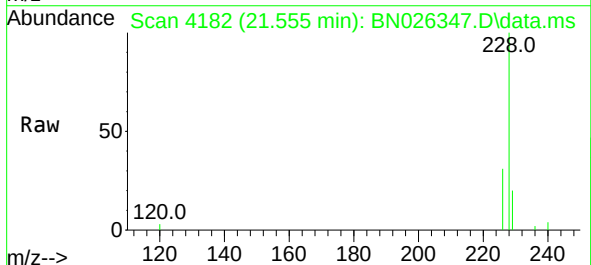


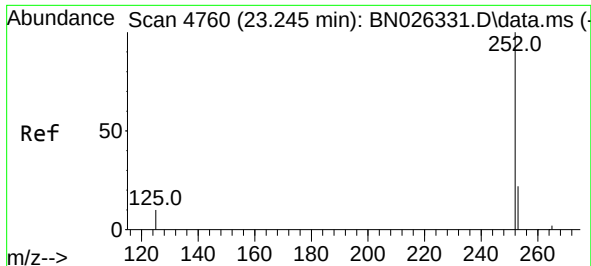
Tgt Ion:228 Resp: 30453
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.6
226 28.1 22.5 33.7



#22
Chrysene
Concen: 0.489 ng/ul
RT: 21.555 min Scan# 4182
Delta R.T. -0.009 min
Lab File: BN026347.D
Acq: 07 Jul 2023 01:40

Tgt Ion:228 Resp: 32392
Ion Ratio Lower Upper
228 100
226 30.8 24.8 37.2
229 19.5 15.7 23.5

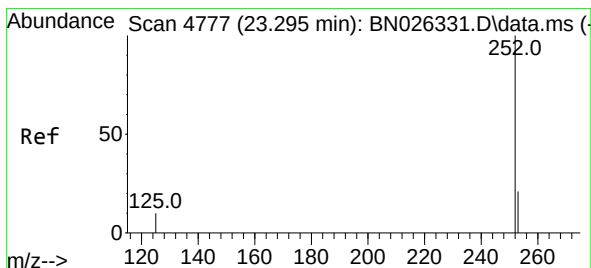
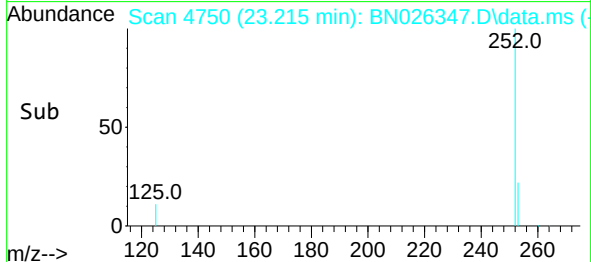
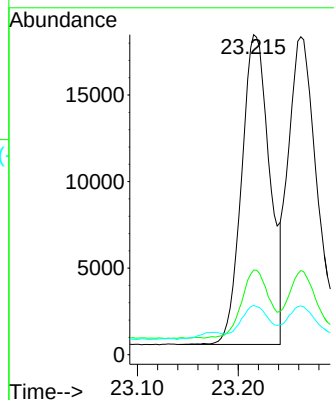
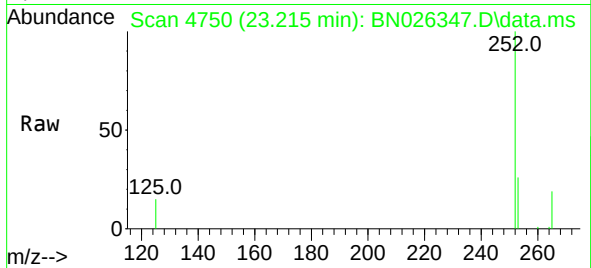




#24
Benzo(b)fluoranthene
Concen: 0.474 ng/ul
RT: 23.215 min Scan# 4750
Delta R.T. -0.024 min
Lab File: BN026347.D
Acq: 07 Jul 2023 01:40

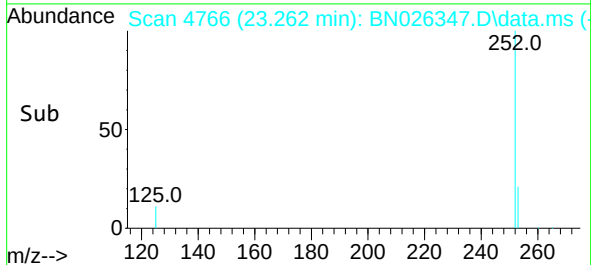
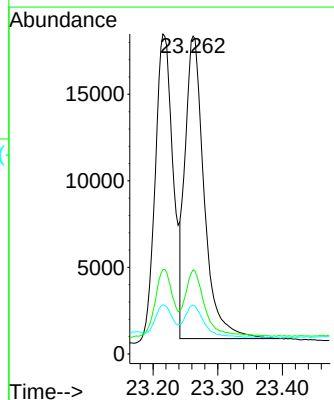
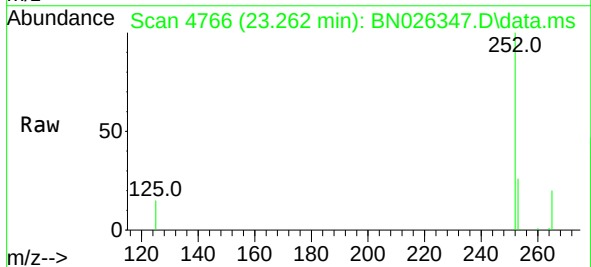
Instrument :
BNA_N
ClientSampleId :
SLCS811

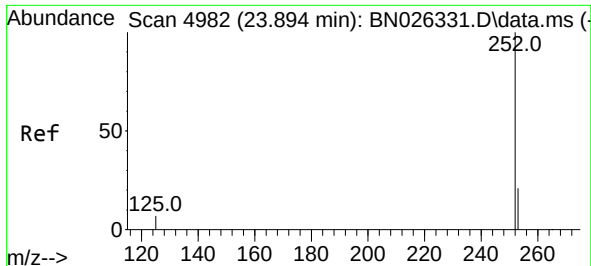
Tgt Ion:252 Resp: 34730
Ion Ratio Lower Upper
252 100
253 26.4 0.0 55.6
125 15.4 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.486 ng/ul
RT: 23.262 min Scan# 4766
Delta R.T. -0.024 min
Lab File: BN026347.D
Acq: 07 Jul 2023 01:40

Tgt Ion:252 Resp: 35714
Ion Ratio Lower Upper
252 100
253 26.5 23.2 34.8
125 15.3 15.0 22.4

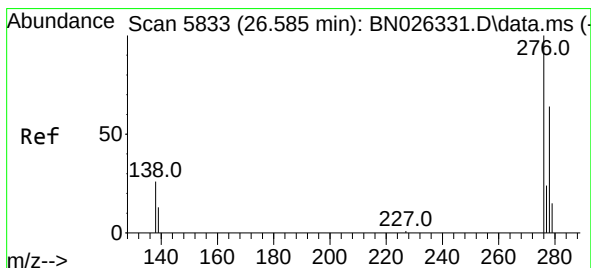
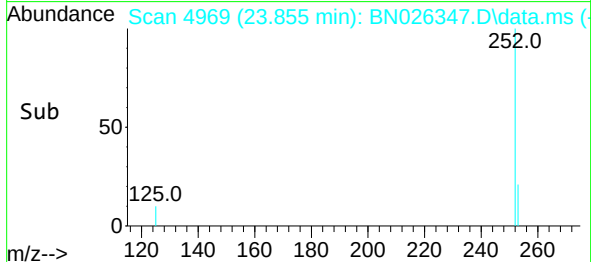
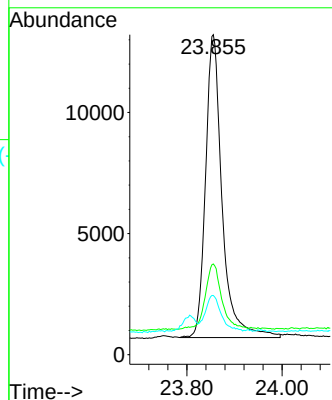
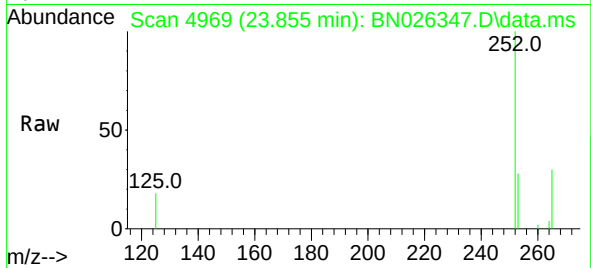




#26
Benzo(a)pyrene
Concen: 0.474 ng/ul
RT: 23.855 min Scan# 4982
Delta R.T. -0.030 min
Lab File: BN026347.D
Acq: 07 Jul 2023 01:40

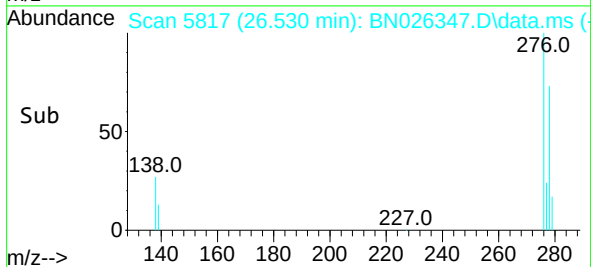
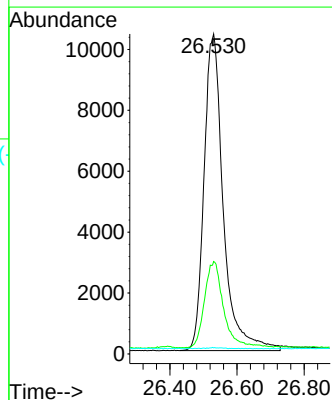
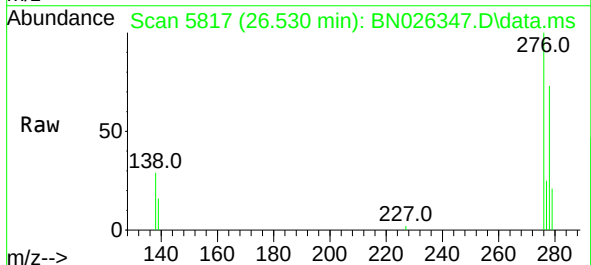
Instrument :
BNA_N
ClientSampleId :
SLCS811

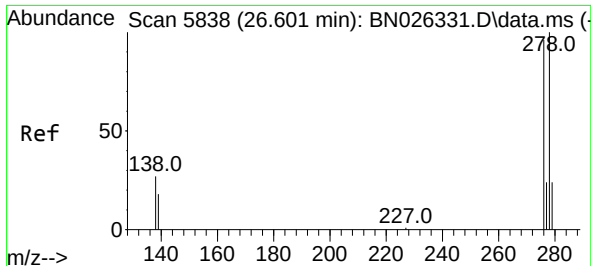
Tgt Ion:252 Resp: 30154
Ion Ratio Lower Upper
252 100
253 28.3 26.0 39.0
125 18.5 17.3 25.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.594 ng/ul
RT: 26.530 min Scan# 5817
Delta R.T. -0.041 min
Lab File: BN026347.D
Acq: 07 Jul 2023 01:40

Tgt Ion:276 Resp: 41301
Ion Ratio Lower Upper
276 100
138 27.4 24.5 36.7
227 0.2 0.0 0.0

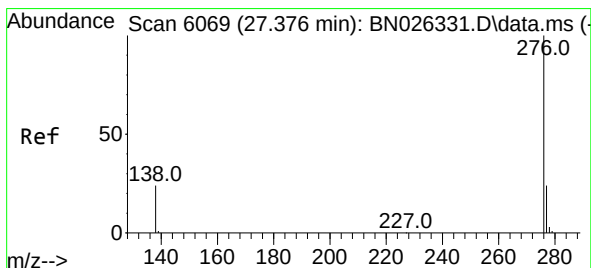
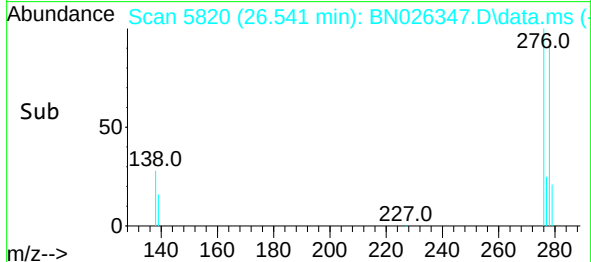
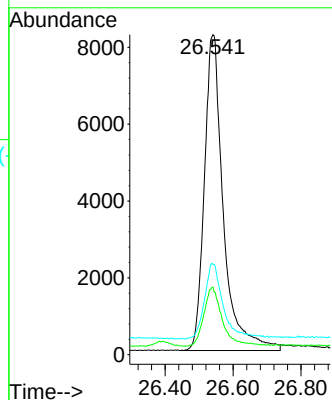
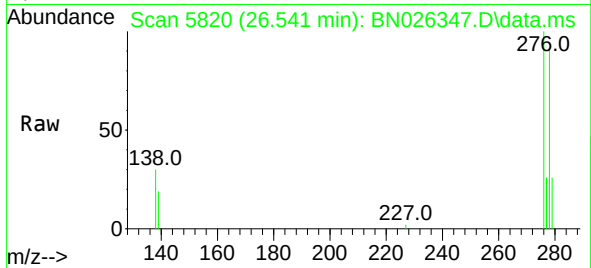




#28
Dibenzo(a,h)anthracene
Concen: 0.607 ng/ul
RT: 26.541 min Scan# 51
Delta R.T. -0.044 min
Lab File: BN026347.D
Acq: 07 Jul 2023 01:40

Instrument :
BNA_N
ClientSampleId :
SLCS811

Tgt Ion:278 Resp: 31907
Ion Ratio Lower Upper
278 100
139 21.1 19.0 28.4
279 28.2 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.582 ng/ul
RT: 27.312 min Scan# 6050
Delta R.T. -0.061 min
Lab File: BN026347.D
Acq: 07 Jul 2023 01:40

Tgt Ion:276 Resp: 35949
Ion Ratio Lower Upper
276 100
138 25.2 23.4 35.0
277 24.9 20.0 30.0

