

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
 Data File : BN024684.D
 Acq On : 31 Mar 2023 18:06
 Operator : CG/JU
 Sample : 02006-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB948

Quant Time: Apr 01 01:02:29 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 01 01:00:20 2023
 Response via : Initial Calibration

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

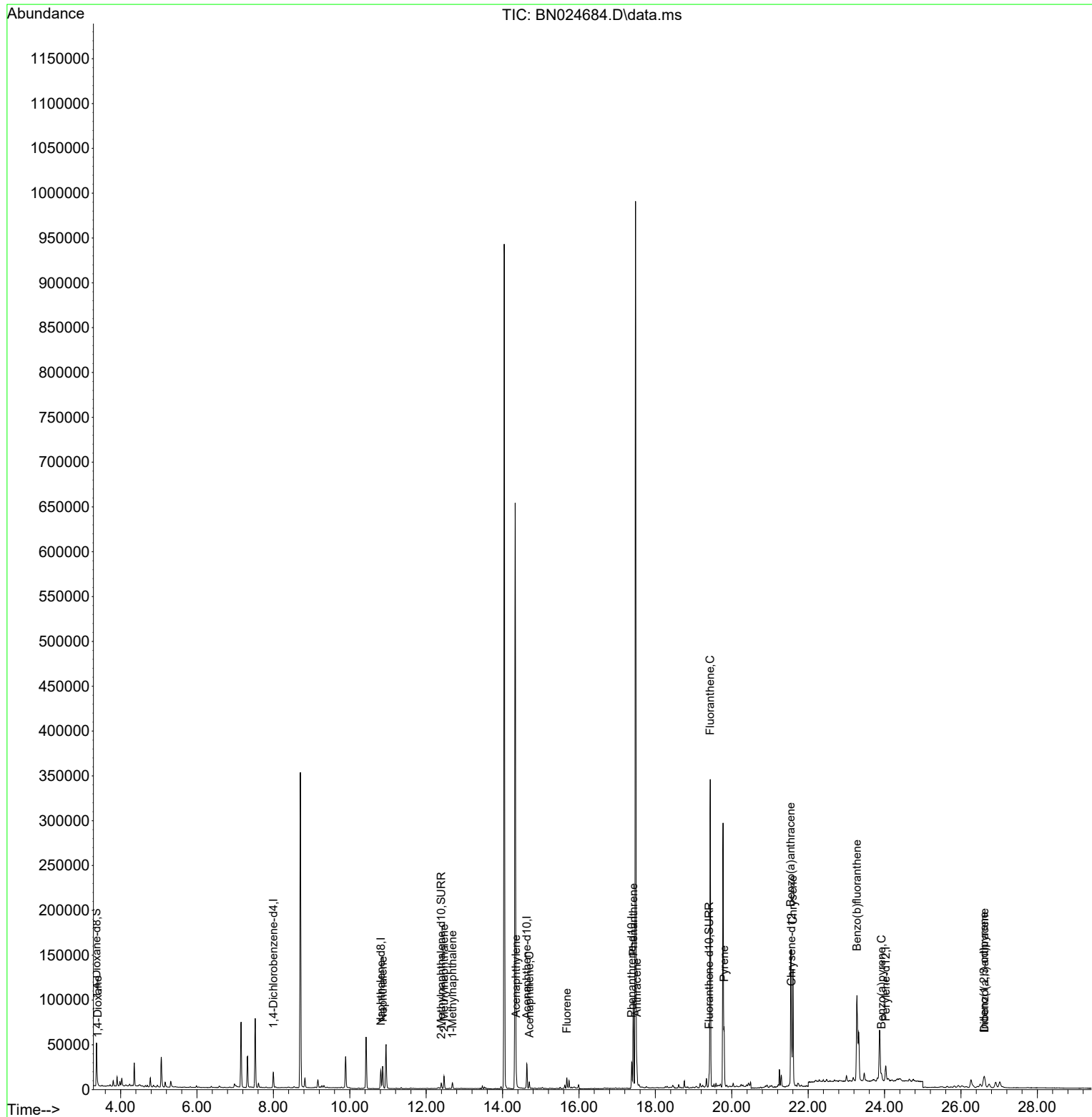
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	8545	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	26163	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.633	164	14977	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.380	188	33034	0.400	ng/ul	0.00
17) Chrysene-d12	21.562	240	27607	0.400	ng/ul	0.00
23) Perylene-d12	24.033	264	24151	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	28847	3.289	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	7344	0.227	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	14633	0.217	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.401	88	263	0.029	ng/ul#	1
5) Naphthalene	10.861	128	33115	0.515	ng/ul	100
7) 2-Methylnaphthalene	12.467	142	9432	0.236	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	4340	0.104	ng/ul	100
10) Acenaphthylene	14.356	152	14310	0.270	ng/ul	98
11) Acenaphthene	14.698	153	4126	0.090	ng/ul	98
12) Fluorene	15.684	166	7320	0.140	ng/ul	99
15) Phenanthrene	17.422	178	103110	1.138	ng/ul	100
16) Anthracene	17.515	178	20270	0.268	ng/ul	98
19) Fluoranthene	19.436	202	280000	2.878	ng/ul	99
20) Pyrene	19.799	202	57847	0.584	ng/ul	97
21) Benzo(a)anthracene	21.545	228	130937	1.579	ng/ul	99
22) Chrysene	21.600	228	130097	1.426	ng/ul	98
24) Benzo(b)fluoranthene	23.275	252	231386	2.306	ng/ul	98
26) Benzo(a)pyrene	23.919	252	9807	0.124	ng/ul#	45
27) Indeno(1,2,3-cd)pyrene	26.603	276	13713	0.146	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.616	278	16912	0.225	ng/ul#	87

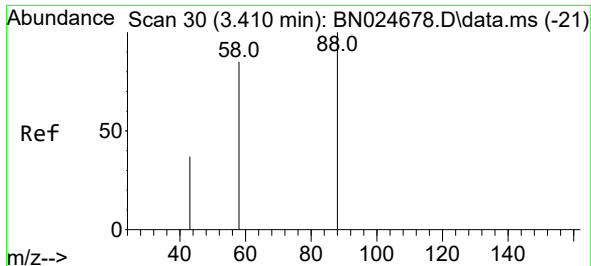
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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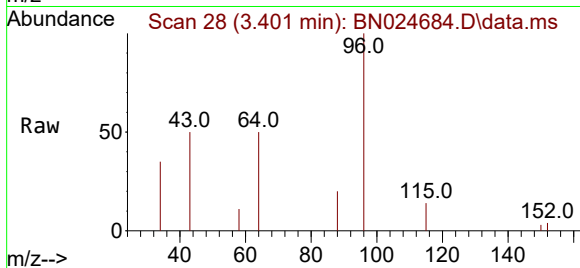
Quant Time: Apr 01 01:02:29 2023
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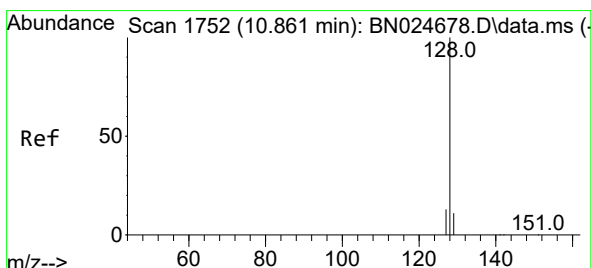
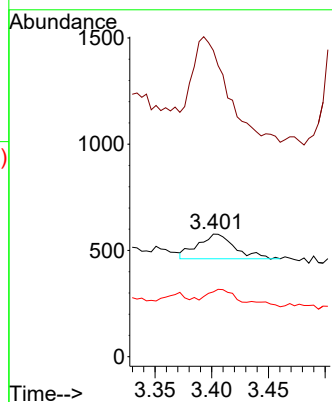
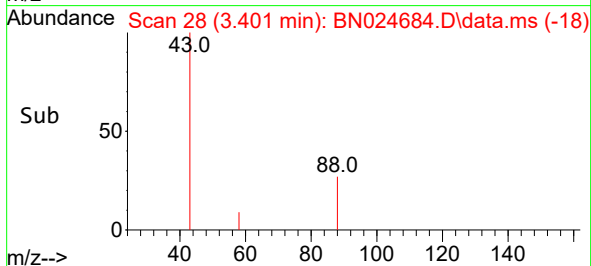
#2
 1,4-Dioxane
 Concen: 0.029 ng/ul
 RT: 3.401 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BN024684.D
 Acq: 31 Mar 2023 18:06

Instrument :
 BNA_N
 ClientSampleId :
 CB948

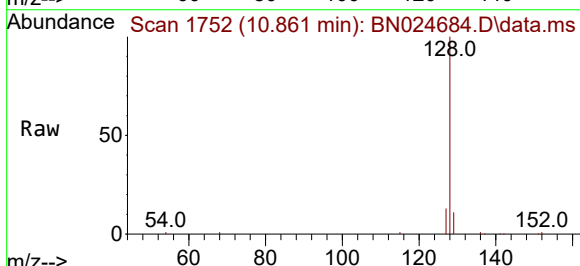


Tgt Ion: 88 Resp: 263

Ion	Ratio	Lower	Upper
88	100		
43	249.7	37.2	55.8#
58	52.9	61.5	92.3#

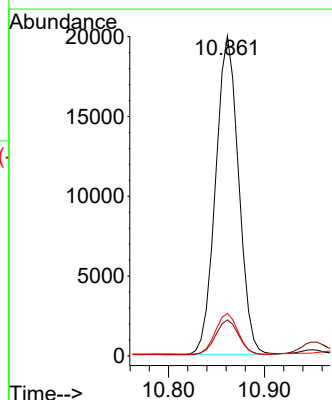
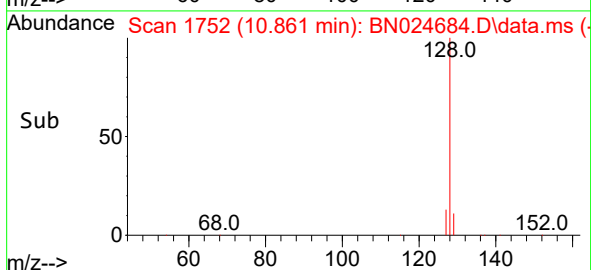


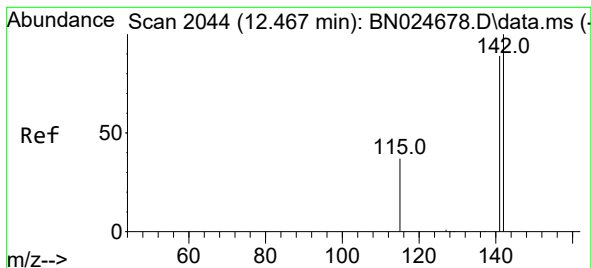
#5
 Naphthalene
 Concen: 0.515 ng/ul
 RT: 10.861 min Scan# 1752
 Delta R.T. -0.000 min
 Lab File: BN024684.D
 Acq: 31 Mar 2023 18:06



Tgt Ion: 128 Resp: 33115

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.3	10.5	15.7

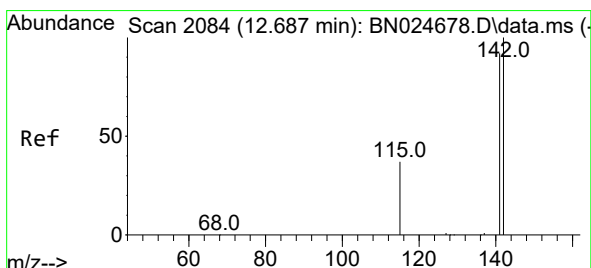
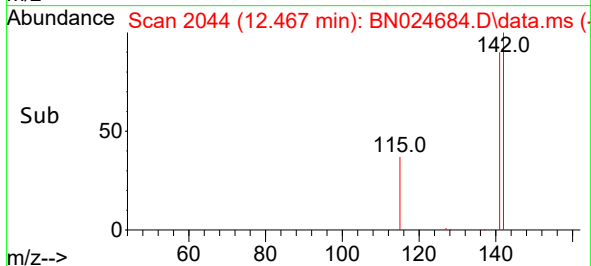
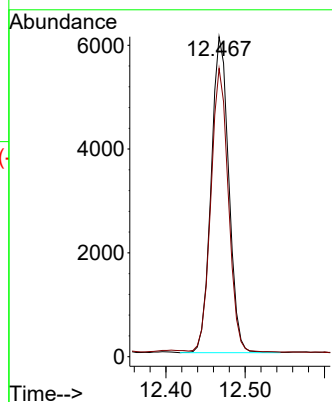
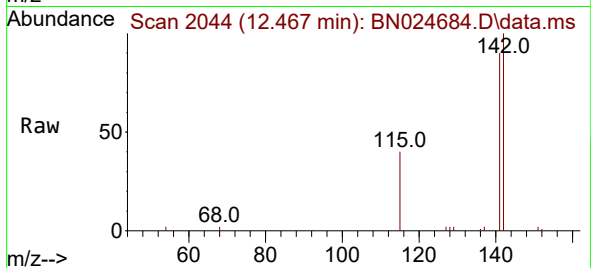




#7
2-Methylnaphthalene
Concen: 0.236 ng/ul
RT: 12.467 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BN024684.D
Acq: 31 Mar 2023 18:06

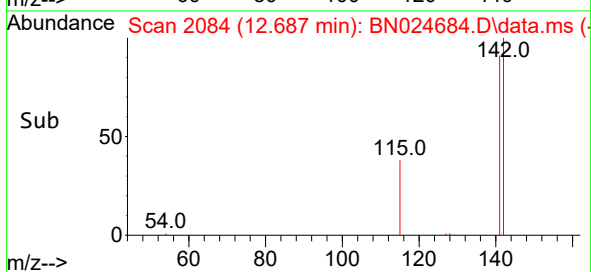
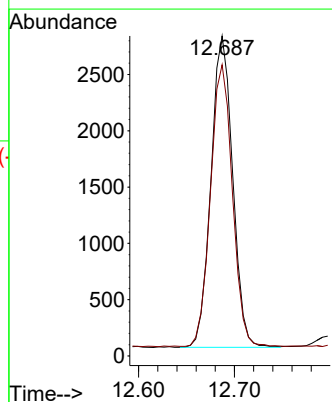
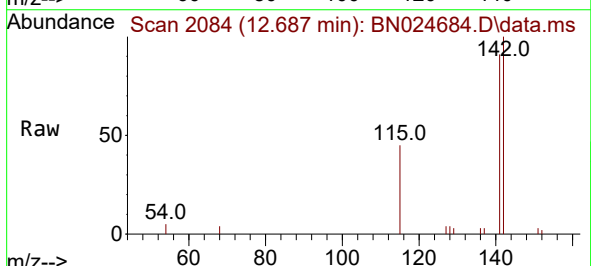
Instrument :
BNA_N
ClientSampleId :
CB948

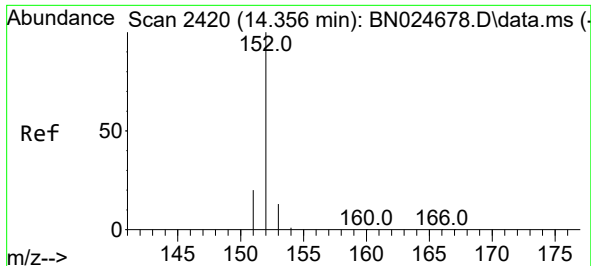
Tgt Ion:142 Resp: 9432
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 12.687 min Scan# 2084
Delta R.T. -0.000 min
Lab File: BN024684.D
Acq: 31 Mar 2023 18:06

Tgt Ion:142 Resp: 4340
Ion Ratio Lower Upper
142 100
141 91.5 73.5 110.3

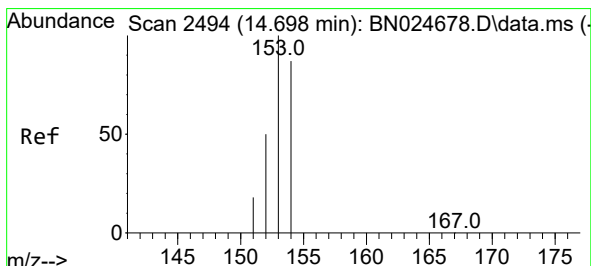
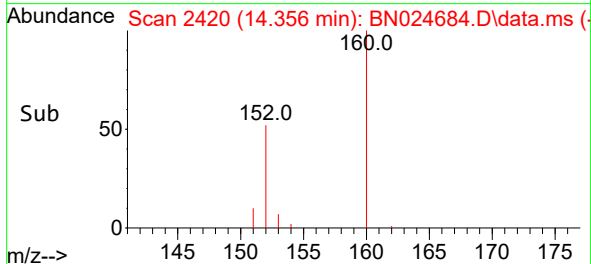
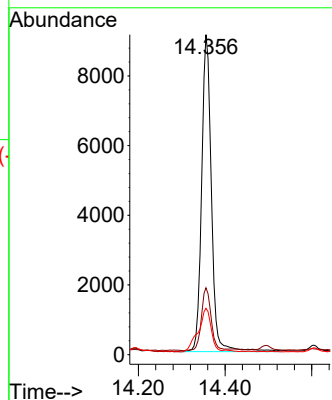
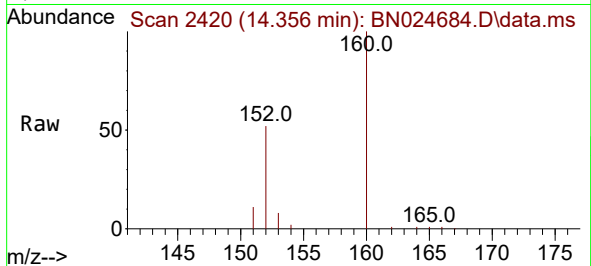




#10
Acenaphthylene
Concen: 0.270 ng/ul
RT: 14.356 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BN024684.D
Acq: 31 Mar 2023 18:06

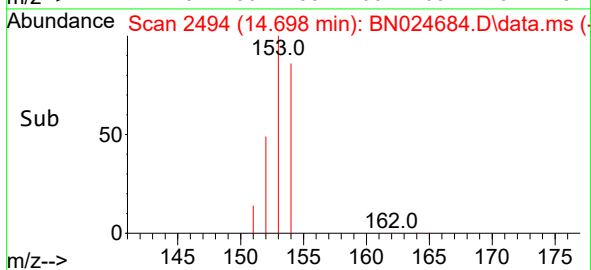
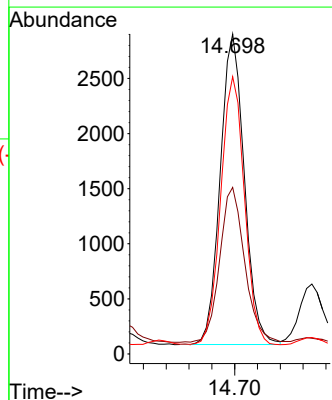
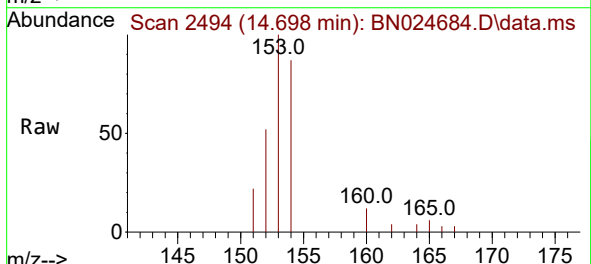
Instrument :
BNA_N
ClientSampleId :
CB948

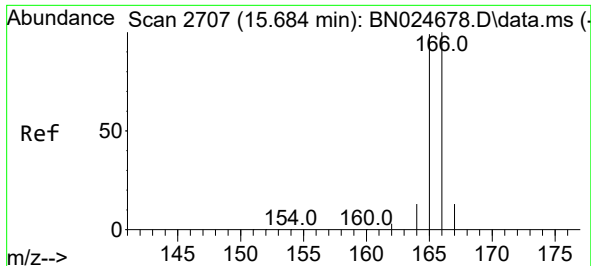
Tgt Ion:152 Resp: 14310
Ion Ratio Lower Upper
152 100
151 20.9 16.1 24.1
153 14.5 10.6 16.0



#11
Acenaphthene
Concen: 0.090 ng/ul
RT: 14.698 min Scan# 2494
Delta R.T. -0.000 min
Lab File: BN024684.D
Acq: 31 Mar 2023 18:06

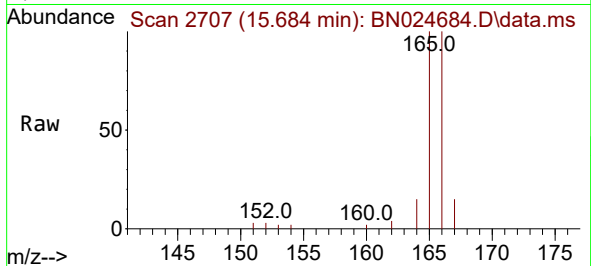
Tgt Ion:153 Resp: 4126
Ion Ratio Lower Upper
153 100
152 52.1 40.3 60.5
154 86.6 71.0 106.4



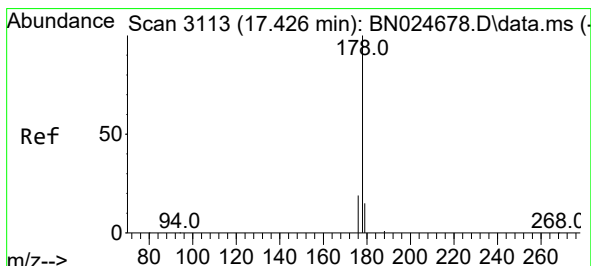
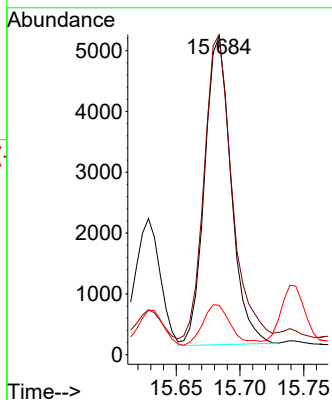
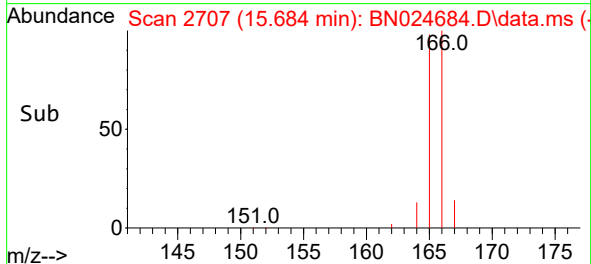


#12
Fluorene
Concen: 0.140 ng/ul
RT: 15.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN024684.D
Acq: 31 Mar 2023 18:06

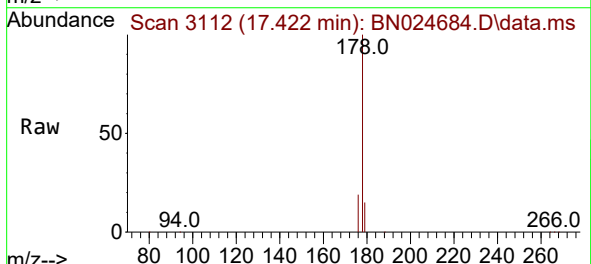
Instrument :
BNA_N
ClientSampleId :
CB948



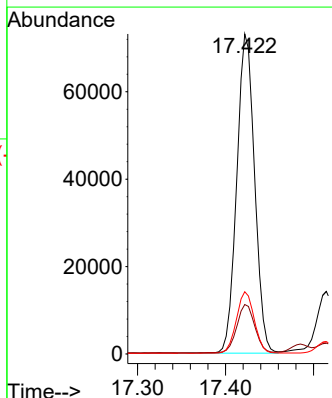
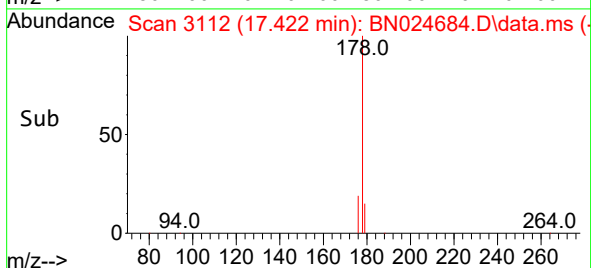
Tgt Ion:166 Resp: 7320
Ion Ratio Lower Upper
166 100
165 100.5 80.0 120.0
167 15.5 10.8 16.2

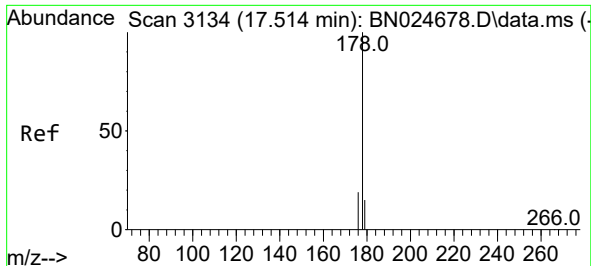


#15
Phenanthrene
Concen: 1.138 ng/ul
RT: 17.422 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BN024684.D
Acq: 31 Mar 2023 18:06



Tgt Ion:178 Resp: 103110
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.5 15.5 23.3

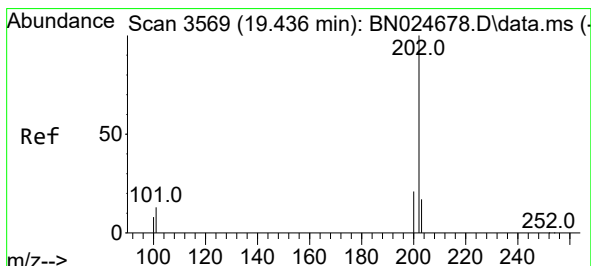
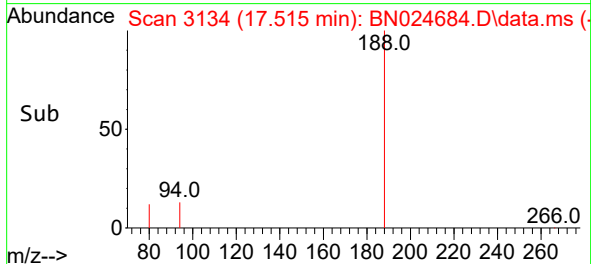
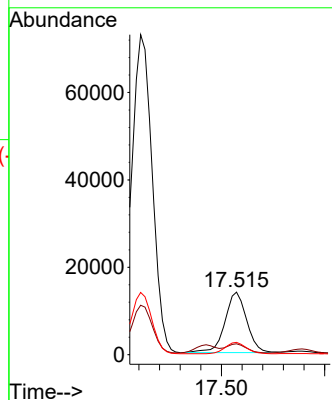
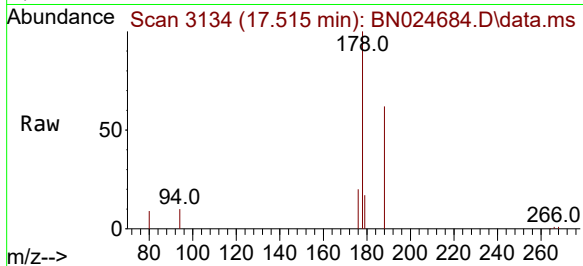




#16
 Anthracene
 Concen: 0.268 ng/ul
 RT: 17.515 min Scan# 3134
 Delta R.T. 0.000 min
 Lab File: BN024684.D
 Acq: 31 Mar 2023 18:06

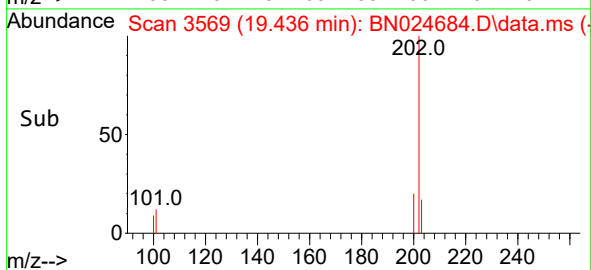
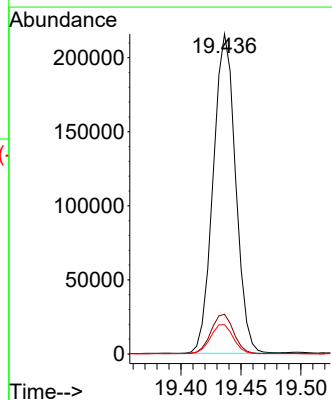
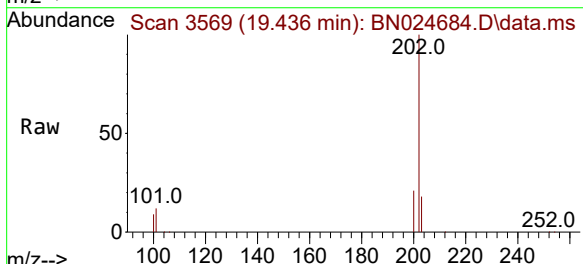
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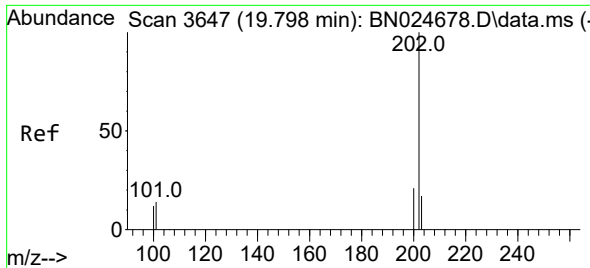
Tgt Ion:178 Resp: 20270
 Ion Ratio Lower Upper
 178 100
 179 17.4 12.7 19.1
 176 19.6 15.2 22.8



#19
 Fluoranthene
 Concen: 2.878 ng/ul
 RT: 19.436 min Scan# 3569
 Delta R.T. 0.000 min
 Lab File: BN024684.D
 Acq: 31 Mar 2023 18:06

Tgt Ion:202 Resp: 280000
 Ion Ratio Lower Upper
 202 100
 101 12.4 9.6 14.4
 100 9.1 7.0 10.6

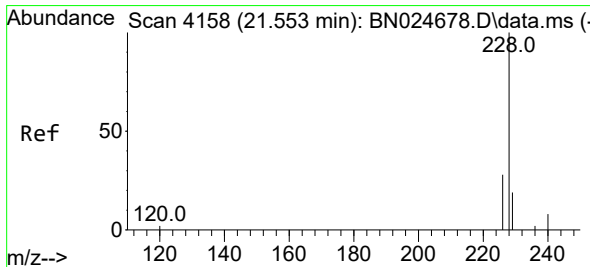
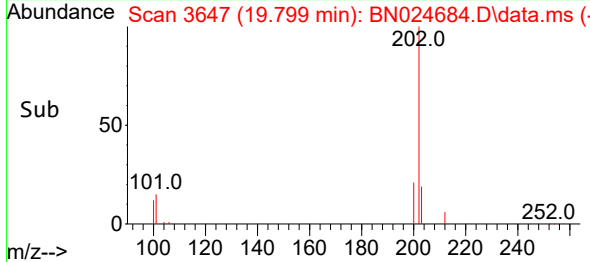
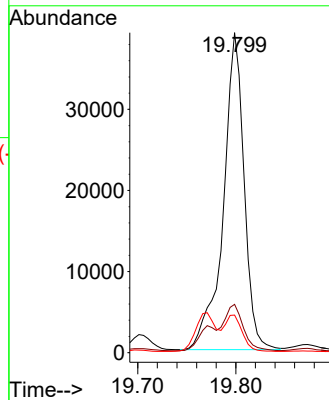
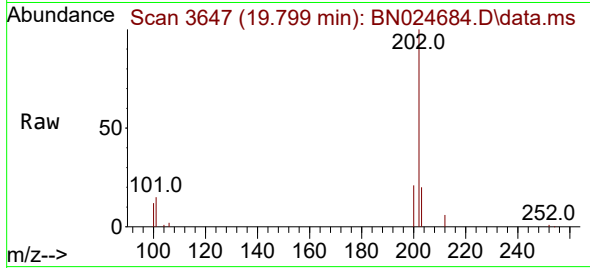




#20
Pyrene
Concen: 0.584 ng/ul
RT: 19.799 min Scan# 3647
Delta R.T. 0.000 min
Lab File: BN024684.D
Acq: 31 Mar 2023 18:06

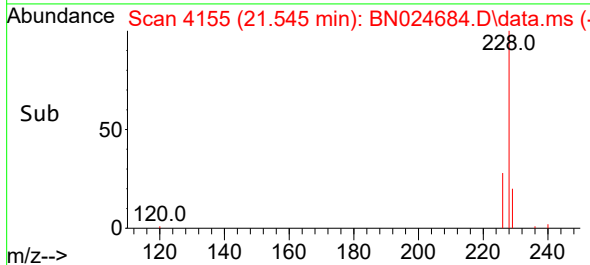
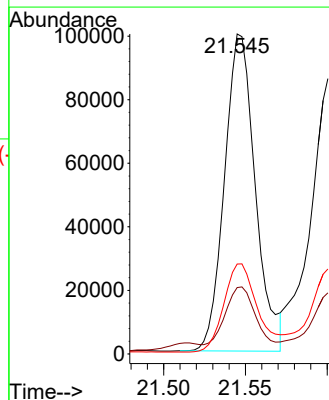
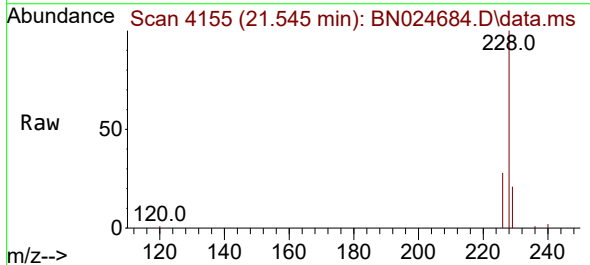
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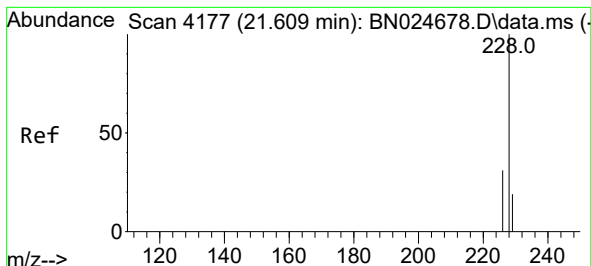
Tgt Ion:	202	Resp:	57847
Ion Ratio	Lower	Upper	
202	100		
101	15.1	10.9	16.3
100	11.8	8.7	13.1



#21
Benzo(a)anthracene
Concen: 1.579 ng/ul
RT: 21.545 min Scan# 4155
Delta R.T. -0.008 min
Lab File: BN024684.D
Acq: 31 Mar 2023 18:06

Tgt Ion:	228	Resp:	130937
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.6	23.4
226	28.1	22.5	33.7





#22

Chrysene

Concen: 1.426 ng/ul

RT: 21.600 min Scan# 4177

Delta R.T. -0.008 min

Lab File: BN024684.D

Acq: 31 Mar 2023 18:06

Instrument :

BNA_N

ClientSampleId :

CB948

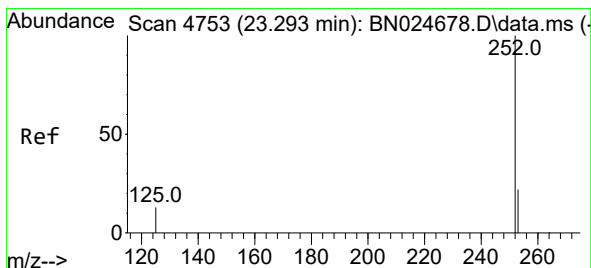
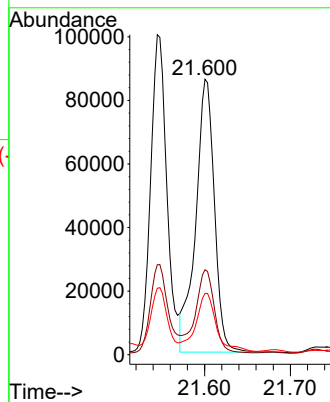
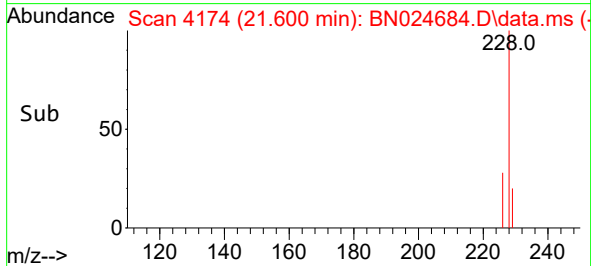
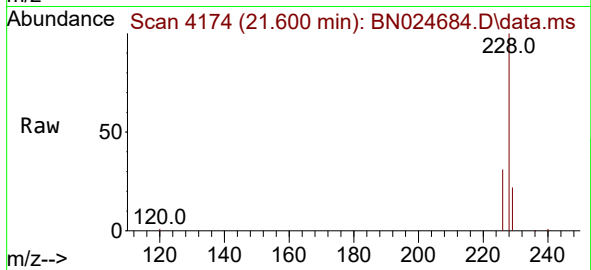
Tgt Ion:228 Resp: 130097

Ion Ratio Lower Upper

228 100

226 30.9 24.6 37.0

229 22.2 15.6 23.4



#24

Benzo(b)fluoranthene

Concen: 2.306 ng/ul

RT: 23.275 min Scan# 4747

Delta R.T. -0.017 min

Lab File: BN024684.D

Acq: 31 Mar 2023 18:06

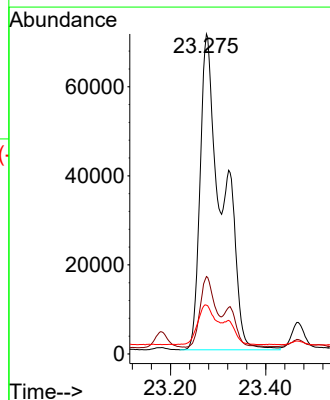
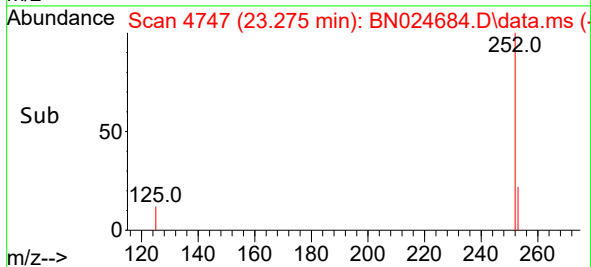
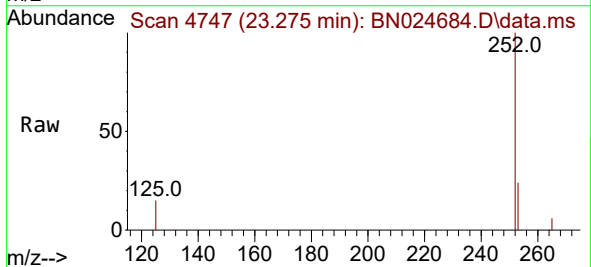
Tgt Ion:252 Resp: 231386

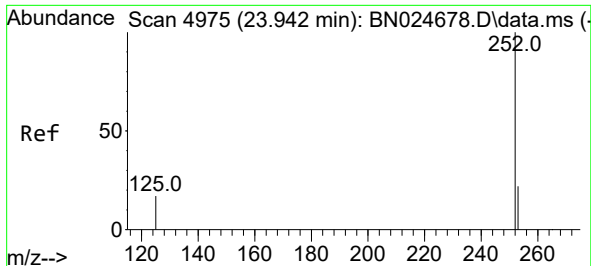
Ion Ratio Lower Upper

252 100

253 24.2 0.0 49.6

125 15.2 0.0 32.4

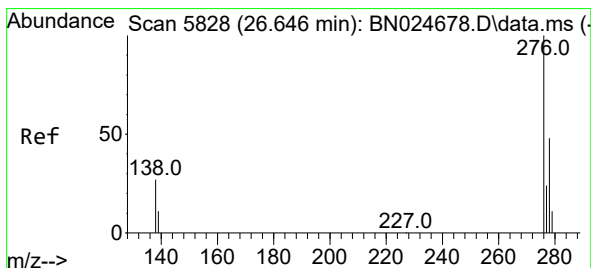
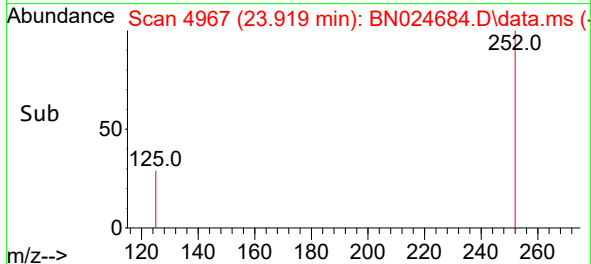
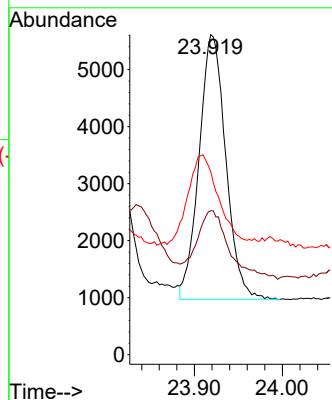
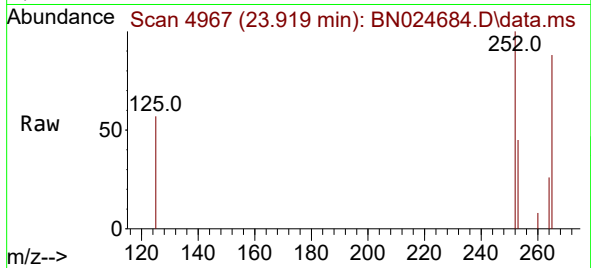




#26
Benzo(a)pyrene
Concen: 0.124 ng/ul
RT: 23.919 min Scan# 4967
Delta R.T. -0.023 min
Lab File: BN024684.D
Acq: 31 Mar 2023 18:06

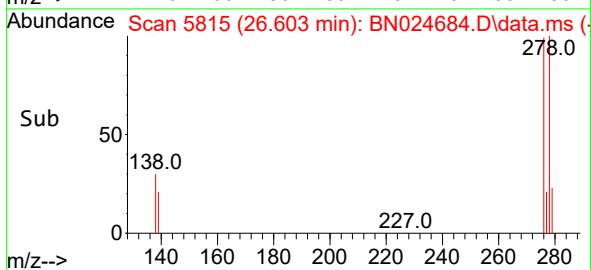
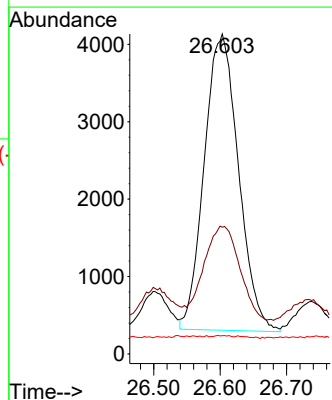
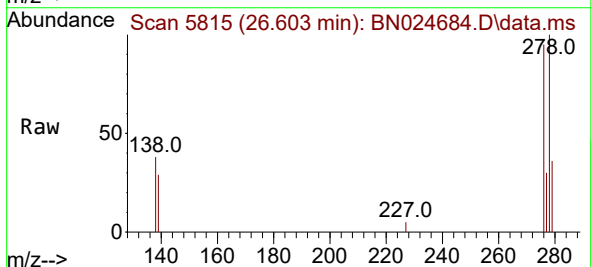
Instrument :
BNA_N
ClientSampleId :
CB948

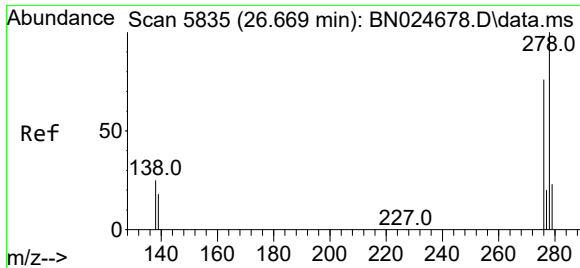
Tgt Ion:252 Resp: 9807
Ion Ratio Lower Upper
252 100
253 45.0 21.8 32.8#
125 57.2 15.4 23.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.146 ng/ul
RT: 26.603 min Scan# 5815
Delta R.T. -0.043 min
Lab File: BN024684.D
Acq: 31 Mar 2023 18:06

Tgt Ion:276 Resp: 13713
Ion Ratio Lower Upper
276 100
138 33.8 24.6 36.8
227 0.2 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.225 ng/ul
 RT: 26.616 min Scan# 51
 Delta R.T. -0.053 min
 Lab File: BN024684.D
 Acq: 31 Mar 2023 18:06

Instrument :
 BNA_N
 ClientSampleId :
 CB948

Tgt Ion:	278	Resp:	16912
Ion Ratio	Lower	Upper	
278	100		
139	26.5	16.5	24.7#
279	33.8	21.8	32.8#

