

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010323\
 Data File : BN023535.D
 Acq On : 03 Jan 2023 13:42
 Operator : CG/JU
 Sample : SST0.164
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.1223

Quant Time: Jan 04 00:17:28 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN010323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 04 00:14:48 2023
 Response via : Initial Calibration

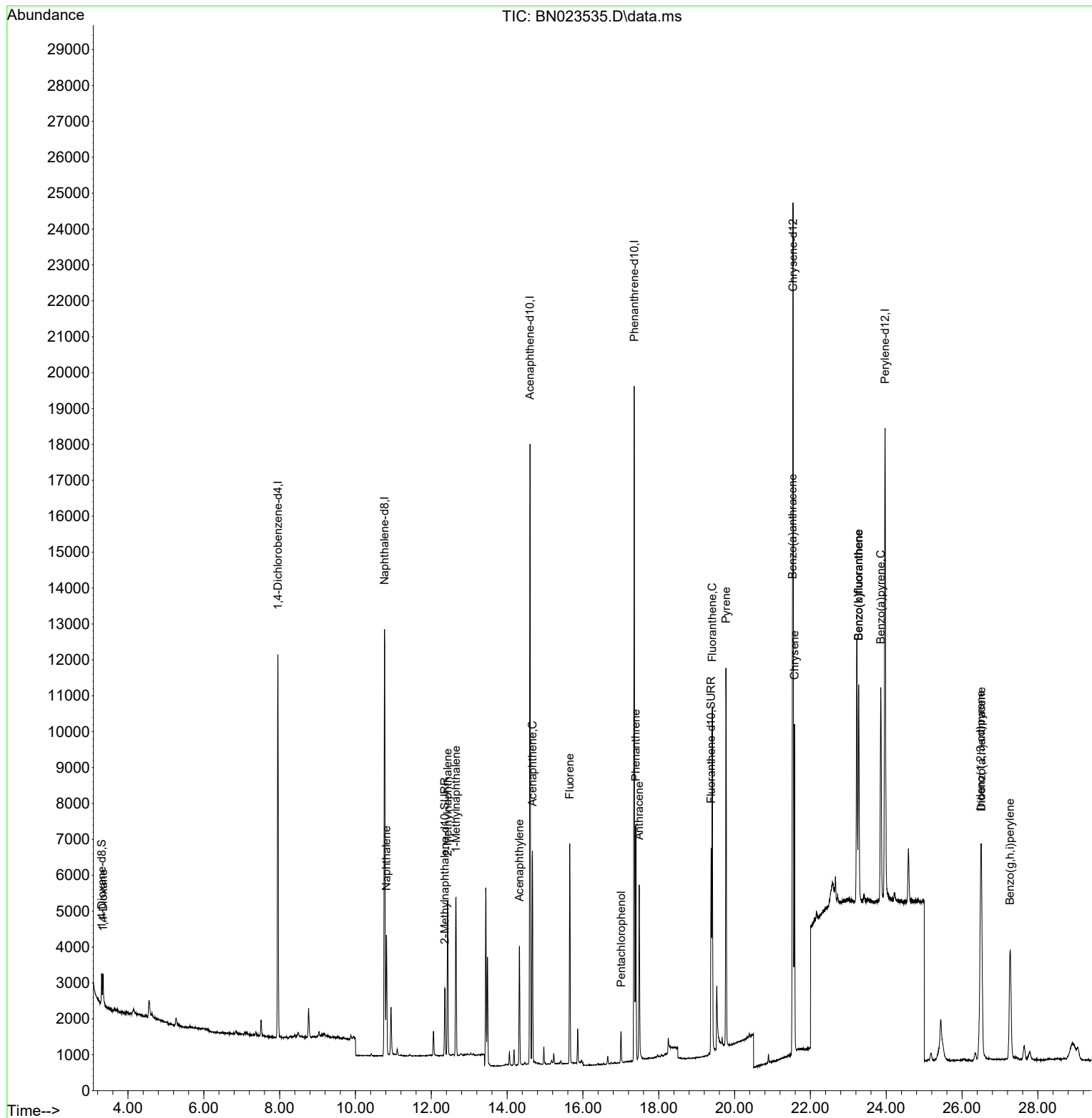
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	5272	0.400	ng/ul	0.00
4) Naphthalene-d8	10.766	136	15484	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.604	164	9109	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	20392	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	19926	0.400	ng/ul	0.00
23) Perylene-d12	23.969	264	18001	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.307	96	633	0.111	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.355	152	2416	0.101	ng/ul	0.00
18) Fluoranthene-d10	19.383	212	6046	0.084	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.345	88	609	0.104	ng/ul#	51
5) Naphthalene	10.815	128	4545	0.100	ng/ul	96
7) 2-Methylnaphthalene	12.432	142	2903	0.100	ng/ul	99
8) 1-Methylnaphthalene	12.652	142	2980	0.099	ng/ul	100
10) Acenaphthylene	14.326	152	3690	0.091	ng/ul	95
11) Acenaphthene	14.669	153	3308	0.097	ng/ul	97
12) Fluorene	15.654	166	3778	0.099	ng/ul	97
14) Pentachlorophenol	17.006	266	591	0.104	ng/ul	99
15) Phenanthrene	17.394	178	6480	0.098	ng/ul	97
16) Anthracene	17.483	178	5524	0.100	ng/ul	95
19) Fluoranthene	19.411	202	7810	0.081	ng/ul	98
20) Pyrene	19.774	202	8470	0.087	ng/ul#	93
21) Benzo(a)anthracene	21.525	228	7745	0.100	ng/ul	99
22) Chrysene	21.581	228	7752	0.098	ng/ul	99
24) Benzo(b)fluoranthene	23.273	252	7982	0.086	ng/ul	82
25) Benzo(k)fluoranthene	23.273	252	7806	0.089	ng/ul#	81
26) Benzo(a)pyrene	23.858	252	7101	0.096	ng/ul#	57
27) Indeno(1,2,3-cd)pyrene	26.493	276	8648	0.101	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.510	278	6798	0.102	ng/ul#	87
29) Benzo(g,h,i)perylene	27.268	276	7013	0.100	ng/ul	93

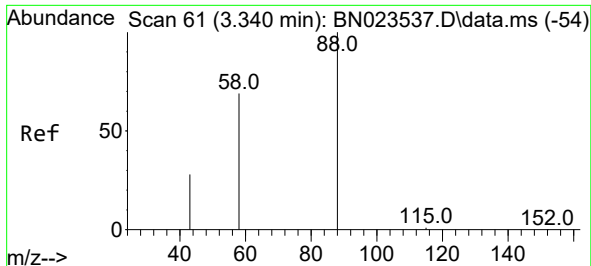
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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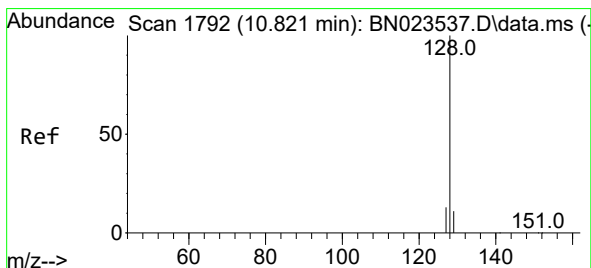
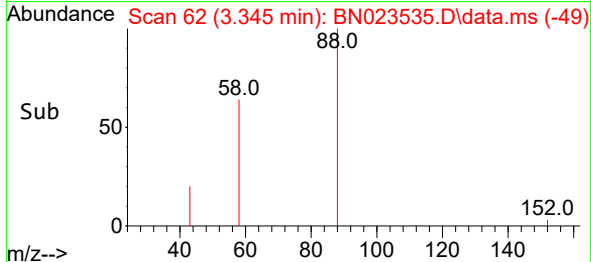
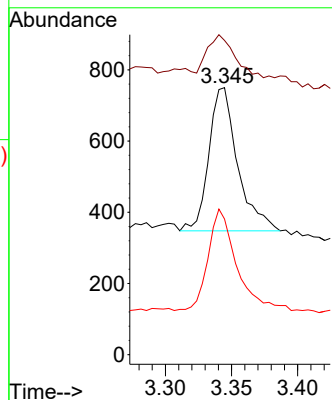
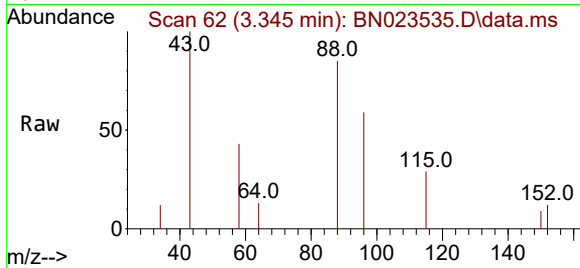




#2
1,4-Dioxane
Concen: 0.104 ng/ul
RT: 3.345 min Scan# 61
Delta R.T. 0.004 min
Lab File: BN023535.D
Acq: 03 Jan 2023 13:42

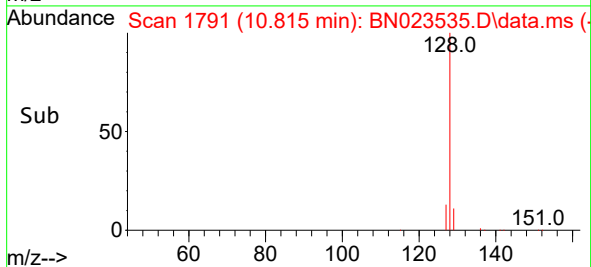
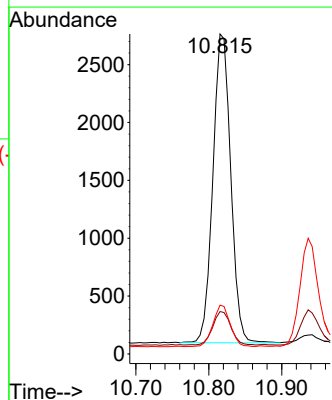
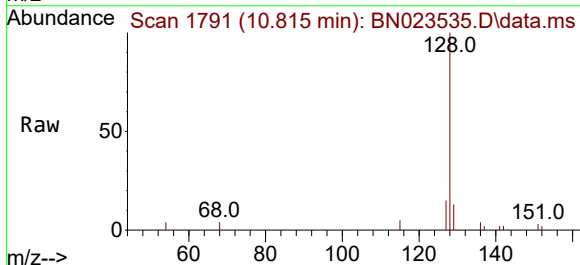
Instrument :
BNA_N
ClientSampleId :
SSTD0.1223

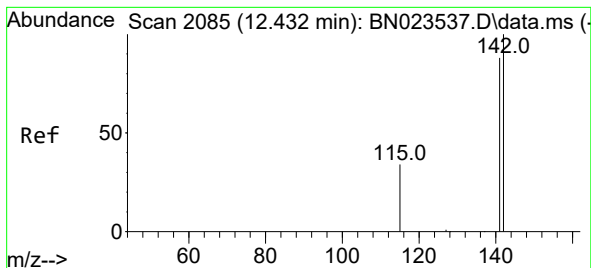
Tgt Ion: 88 Resp: 609
Ion Ratio Lower Upper
88 100
43 117.7 44.0 66.0#
58 50.8 50.5 75.7



#5
Naphthalene
Concen: 0.100 ng/ul
RT: 10.815 min Scan# 1791
Delta R.T. -0.005 min
Lab File: BN023535.D
Acq: 03 Jan 2023 13:42

Tgt Ion: 128 Resp: 4545
Ion Ratio Lower Upper
128 100
129 13.2 9.3 13.9
127 15.3 10.9 16.3

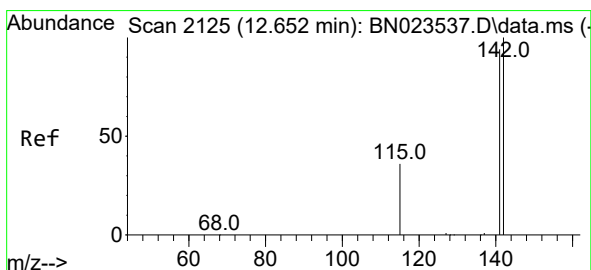
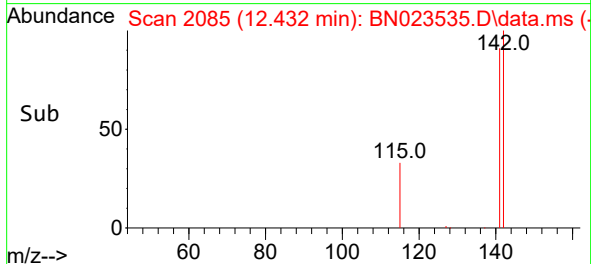
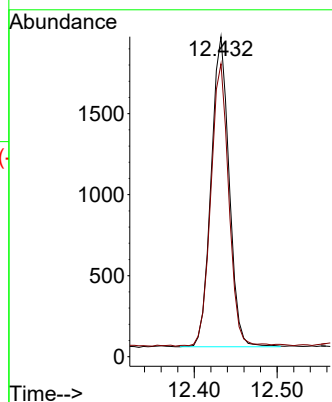
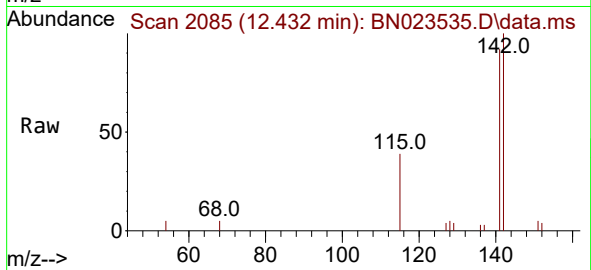




#7
2-Methylnaphthalene
Concen: 0.100 ng/ul
RT: 12.432 min Scan# 2085
Delta R.T. 0.000 min
Lab File: BN023535.D
Acq: 03 Jan 2023 13:42

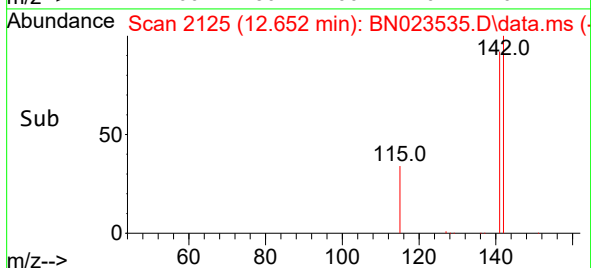
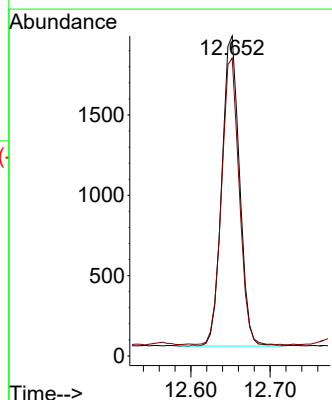
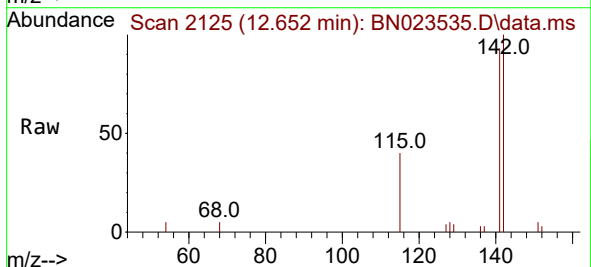
Instrument :
BNA_N
ClientSampleId :
SSTD0.1223

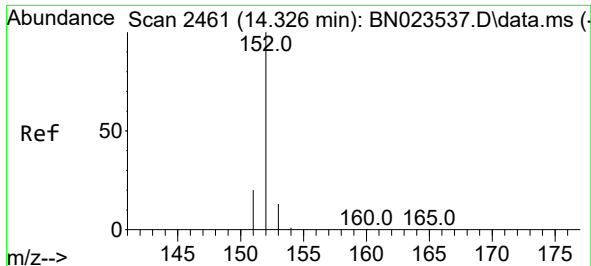
Tgt Ion:142 Resp: 2903
Ion Ratio Lower Upper
142 100
141 90.6 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.099 ng/ul
RT: 12.652 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BN023535.D
Acq: 03 Jan 2023 13:42

Tgt Ion:142 Resp: 2980
Ion Ratio Lower Upper
142 100
141 92.5 74.1 111.1

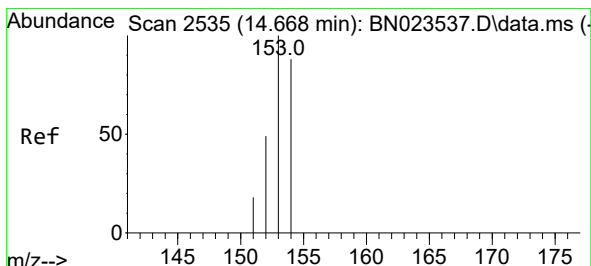
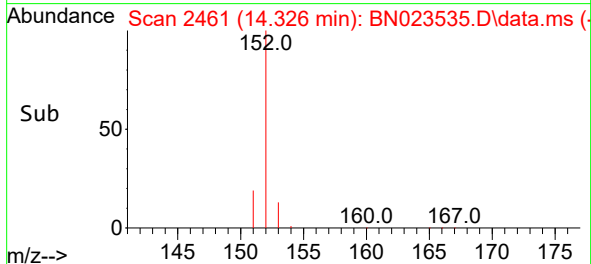
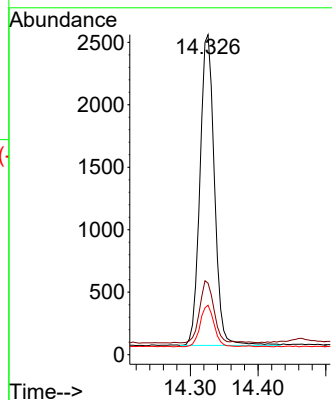
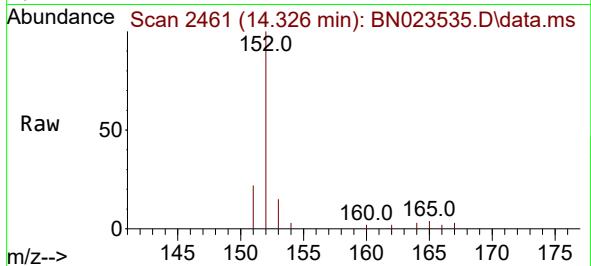




#10
Acenaphthylene
Concen: 0.091 ng/ul
RT: 14.326 min Scan# 2461
Delta R.T. 0.000 min
Lab File: BN023535.D
Acq: 03 Jan 2023 13:42

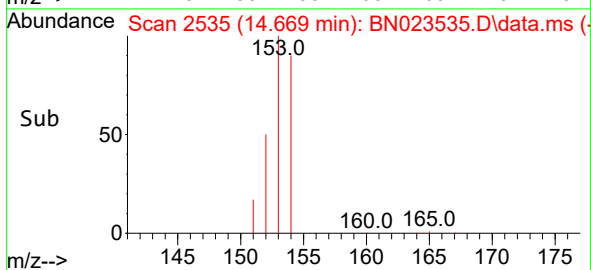
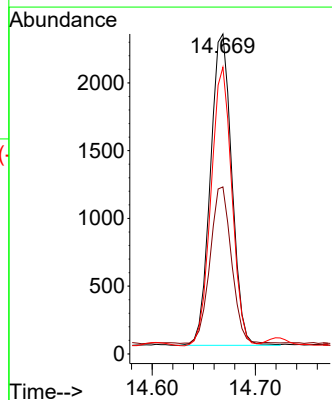
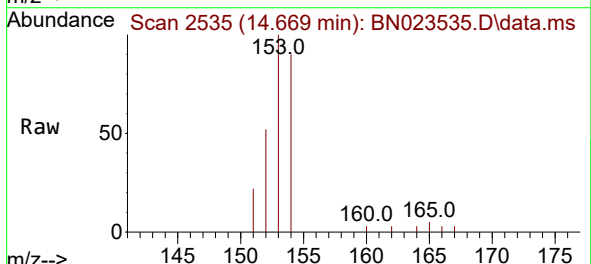
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BNA_N
ClientSampleId :
SSTD0.1223

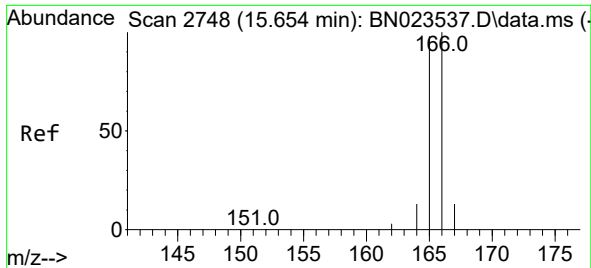
Tgt Ion:152 Resp: 3690
Ion Ratio Lower Upper
152 100
151 22.3 16.3 24.5
153 15.4 10.7 16.1



#11
Acenaphthene
Concen: 0.097 ng/ul
RT: 14.669 min Scan# 2535
Delta R.T. 0.000 min
Lab File: BN023535.D
Acq: 03 Jan 2023 13:42

Tgt Ion:153 Resp: 3308
Ion Ratio Lower Upper
153 100
152 52.2 39.8 59.8
154 89.6 70.1 105.1

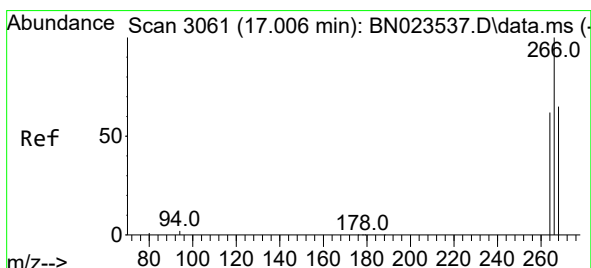
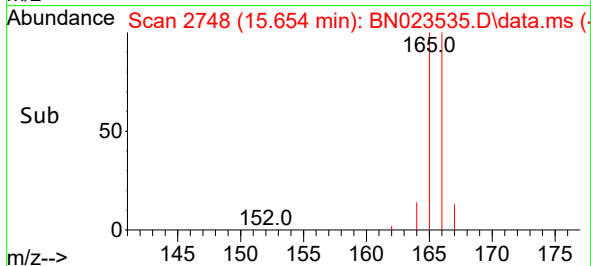
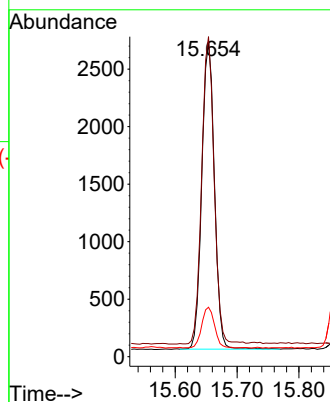
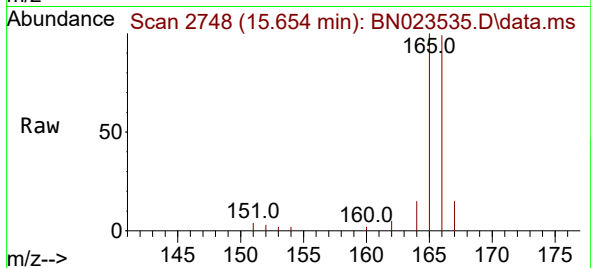




#12
 Fluorene
 Concen: 0.099 ng/ul
 RT: 15.654 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN023535.D
 Acq: 03 Jan 2023 13:42

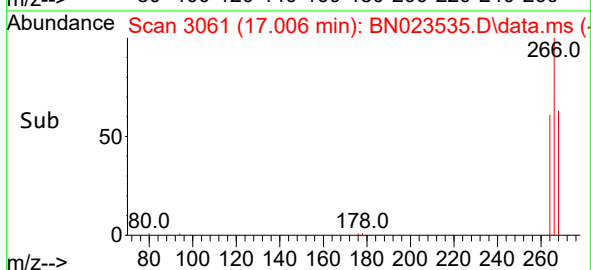
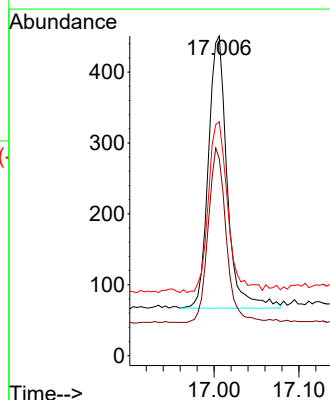
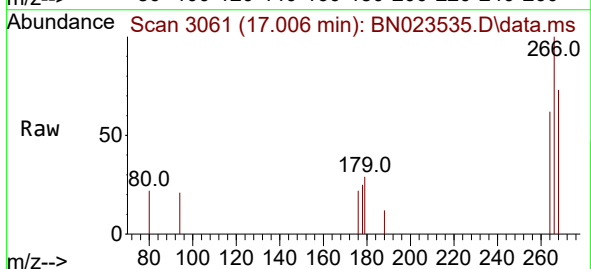
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 BNA_N
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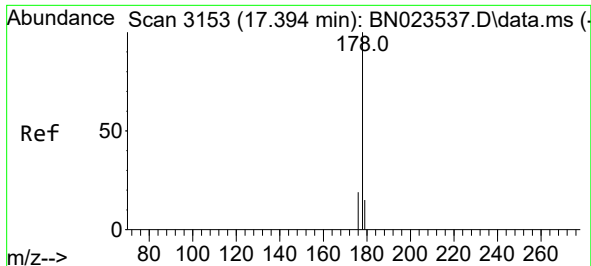
Tgt Ion:166 Resp: 3778
 Ion Ratio Lower Upper
 166 100
 165 101.5 78.7 118.1
 167 15.7 11.0 16.6



#14
 Pentachlorophenol
 Concen: 0.104 ng/ul
 RT: 17.006 min Scan# 3061
 Delta R.T. 0.000 min
 Lab File: BN023535.D
 Acq: 03 Jan 2023 13:42

Tgt Ion:266 Resp: 591
 Ion Ratio Lower Upper
 266 100
 264 61.9 50.0 75.0
 268 64.6 51.4 77.0

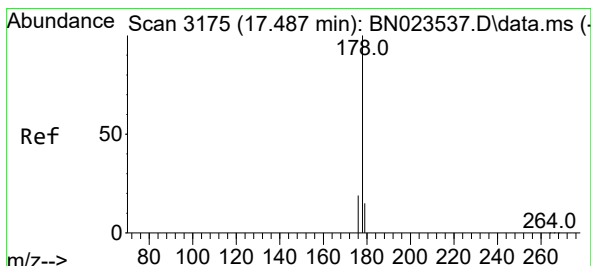
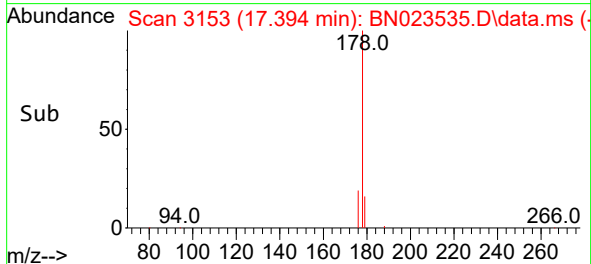
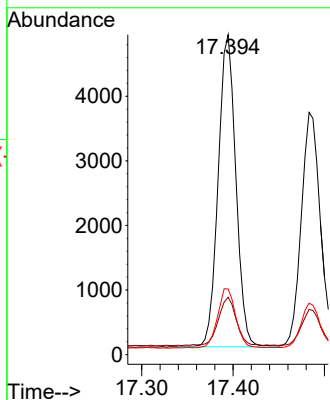
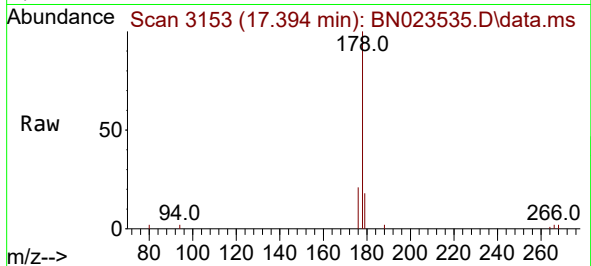




#15
Phenanthrene
Concen: 0.098 ng/ul
RT: 17.394 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BN023535.D
Acq: 03 Jan 2023 13:42

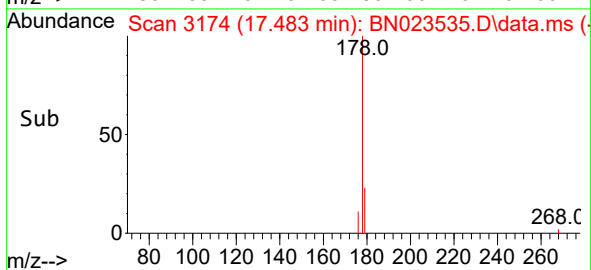
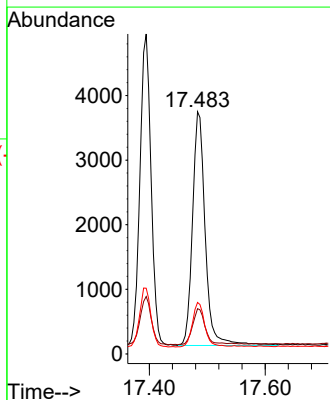
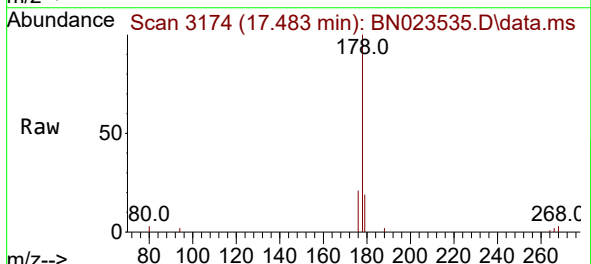
Instrument :
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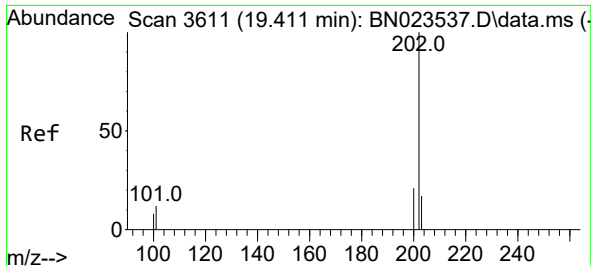
Tgt Ion:178 Resp: 6480
Ion Ratio Lower Upper
178 100
179 17.9 12.6 18.8
176 20.6 15.8 23.8



#16
Anthracene
Concen: 0.100 ng/ul
RT: 17.483 min Scan# 3174
Delta R.T. -0.004 min
Lab File: BN023535.D
Acq: 03 Jan 2023 13:42

Tgt Ion:178 Resp: 5524
Ion Ratio Lower Upper
178 100
179 18.7 12.7 19.1
176 21.3 15.4 23.2

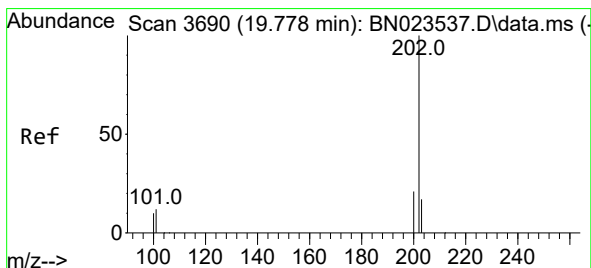
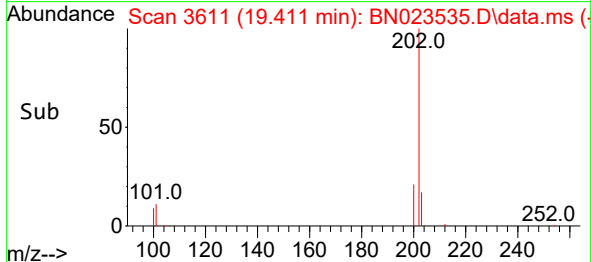
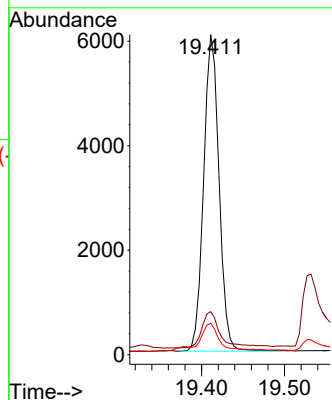
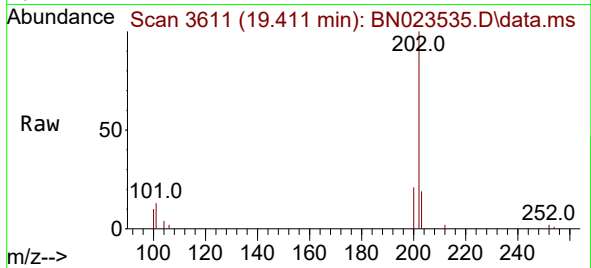




#19
Fluoranthene
Concen: 0.081 ng/ul
RT: 19.411 min Scan# 3611
Delta R.T. 0.000 min
Lab File: BN023535.D
Acq: 03 Jan 2023 13:42

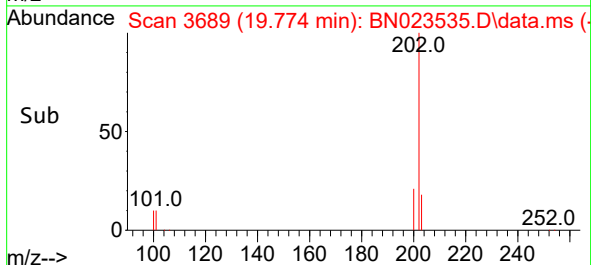
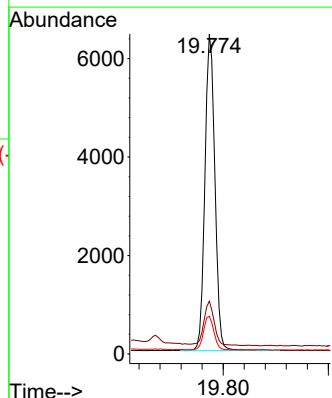
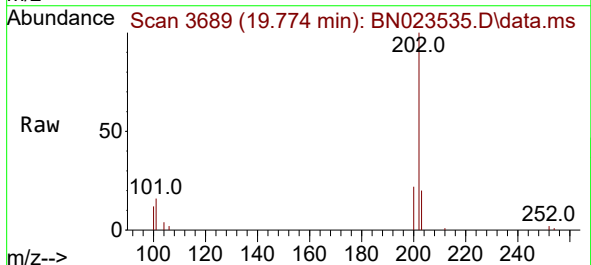
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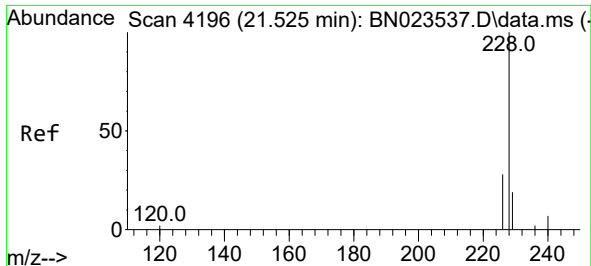
Tgt Ion:202 Resp: 7810
Ion Ratio Lower Upper
202 100
101 13.5 9.8 14.6
100 9.8 7.4 11.2



#20
Pyrene
Concen: 0.087 ng/ul
RT: 19.774 min Scan# 3689
Delta R.T. -0.005 min
Lab File: BN023535.D
Acq: 03 Jan 2023 13:42

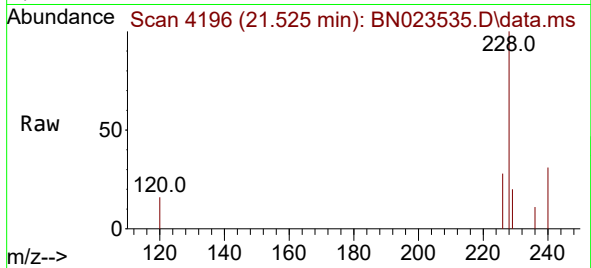
Tgt Ion:202 Resp: 8470
Ion Ratio Lower Upper
202 100
101 16.5 10.3 15.5#
100 11.7 8.0 12.0



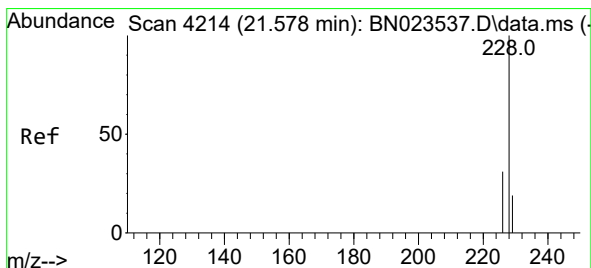
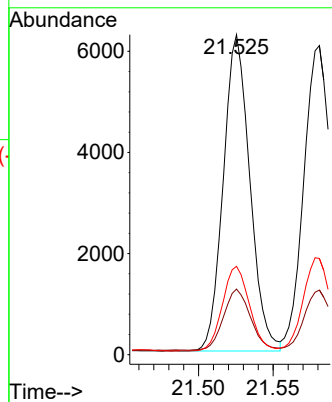
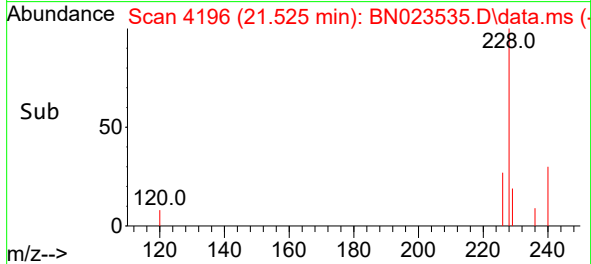


#21
Benzo(a)anthracene
Concen: 0.100 ng/ul
RT: 21.525 min Scan# 4196
Delta R.T. 0.000 min
Lab File: BN023535.D
Acq: 03 Jan 2023 13:42

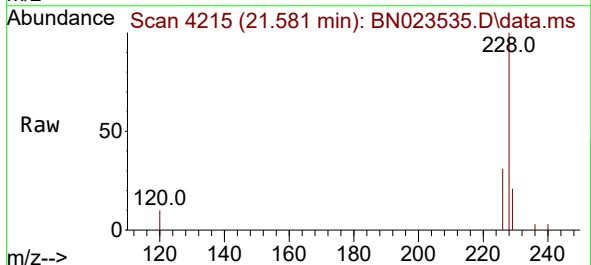
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BNA_N
ClientSampleId :
SSTD0.1223



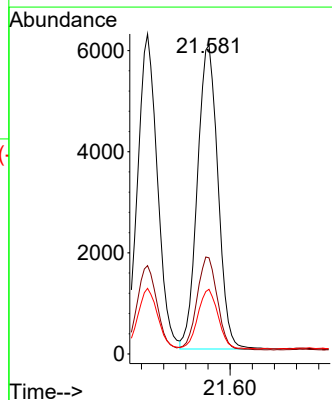
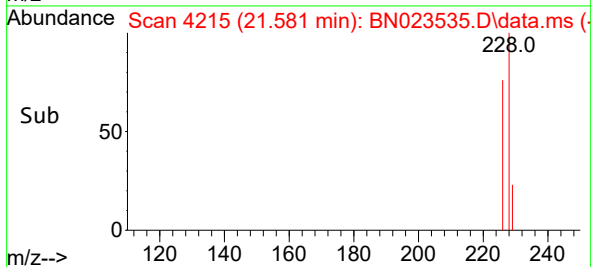
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Ion Ratio Lower Upper
228 100
229 20.5 15.5 23.3
226 27.6 22.4 33.6

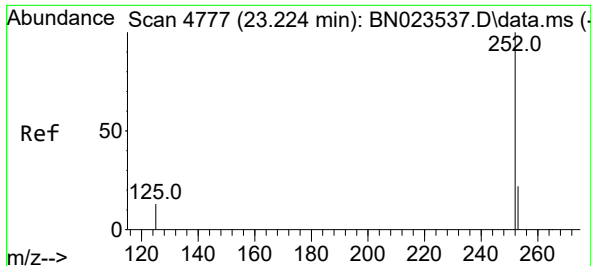


#22
Chrysene
Concen: 0.098 ng/ul
RT: 21.581 min Scan# 4215
Delta R.T. 0.003 min
Lab File: BN023535.D
Acq: 03 Jan 2023 13:42



Tgt Ion:228 Resp: 7752
Ion Ratio Lower Upper
228 100
226 31.1 24.9 37.3
229 20.9 15.8 23.6

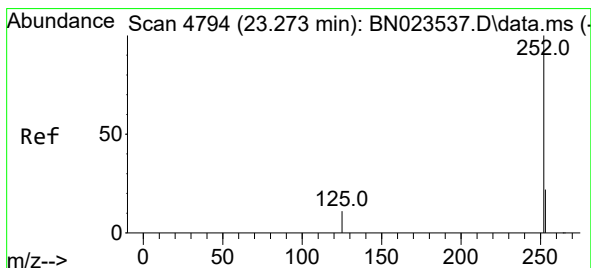
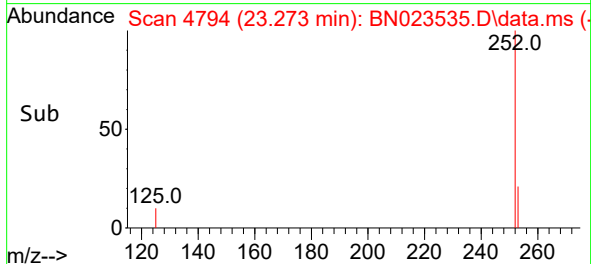
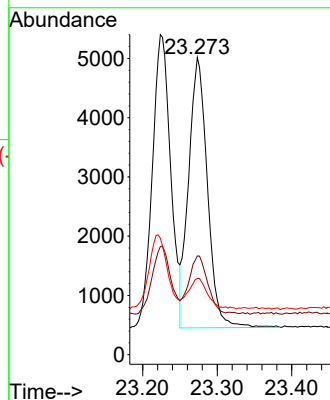
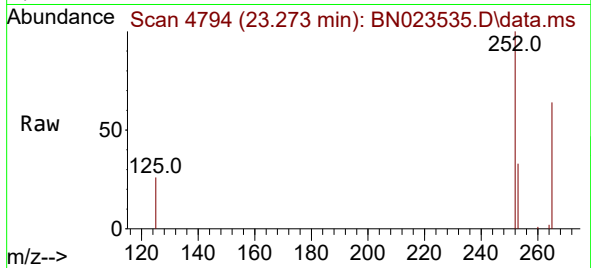




#24
Benzo(b)fluoranthene
Concen: 0.086 ng/ul
RT: 23.273 min Scan# 4794
Delta R.T. 0.050 min
Lab File: BN023535.D
Acq: 03 Jan 2023 13:42

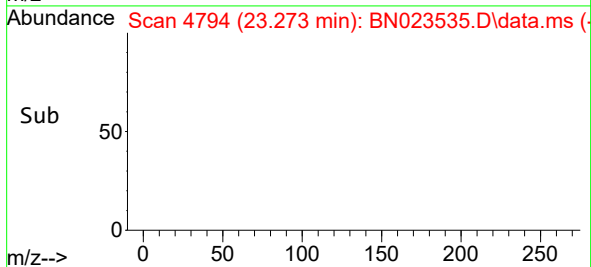
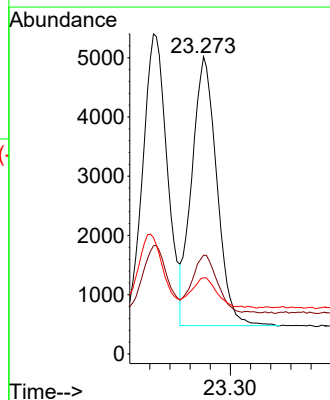
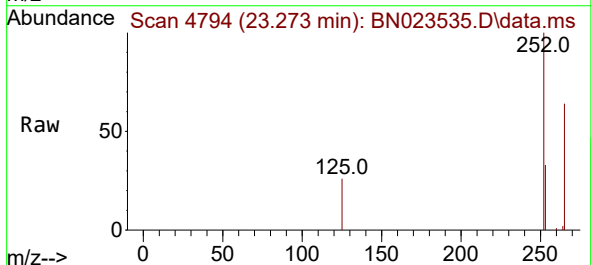
Instrument :
BNA_N
ClientSampleId :
SSTD0.1223

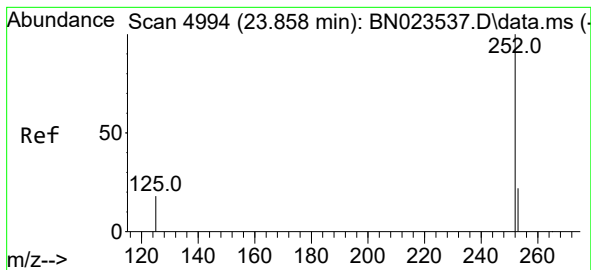
Tgt Ion:252 Resp: 7982
Ion Ratio Lower Upper
252 100
253 33.2 0.0 49.2
125 25.6 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.089 ng/ul
RT: 23.273 min Scan# 4794
Delta R.T. 0.000 min
Lab File: BN023535.D
Acq: 03 Jan 2023 13:42

Tgt Ion:252 Resp: 7806
Ion Ratio Lower Upper
252 100
253 33.2 20.2 30.2#
125 25.6 12.1 18.1#





#26

Benzo(a)pyrene

Concen: 0.096 ng/ul

RT: 23.858 min Scan# 4994

Delta R.T. 0.000 min

Lab File: BN023535.D

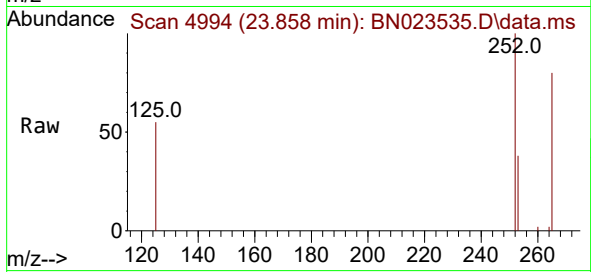
Acq: 03 Jan 2023 13:42

Instrument :

BNA_N

ClientSampleId :

SSTD0.1223



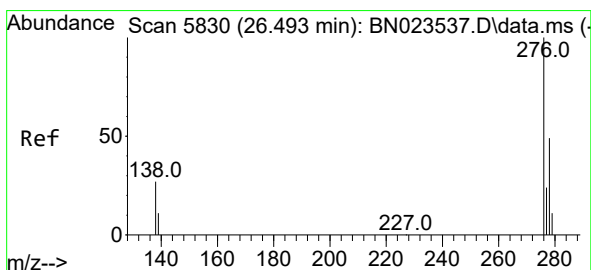
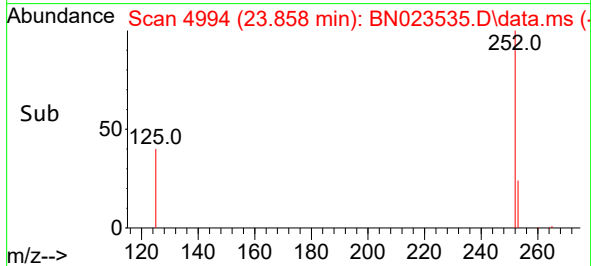
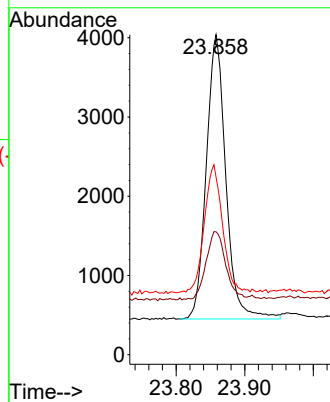
Tgt Ion:252 Resp: 7101

Ion Ratio Lower Upper

252 100

253 38.4 21.4 32.0#

125 55.5 18.4 27.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.101 ng/ul

RT: 26.493 min Scan# 5830

Delta R.T. 0.000 min

Lab File: BN023535.D

Acq: 03 Jan 2023 13:42

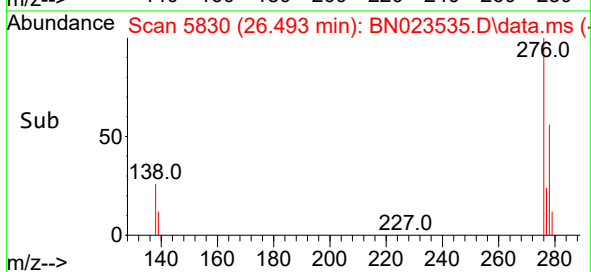
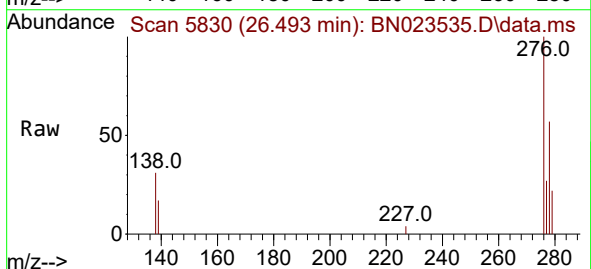
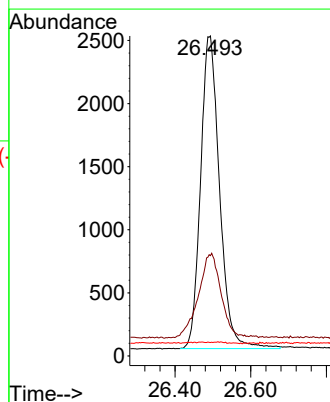
Tgt Ion:276 Resp: 8648

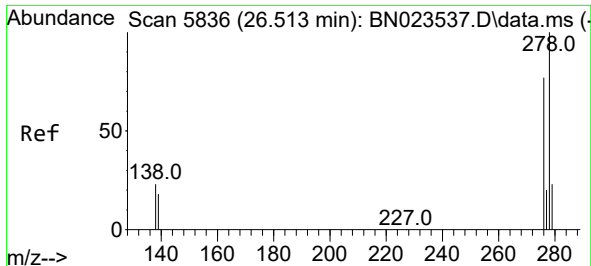
Ion Ratio Lower Upper

276 100

138 32.5 23.2 34.8

227 0.0 0.1 0.1#

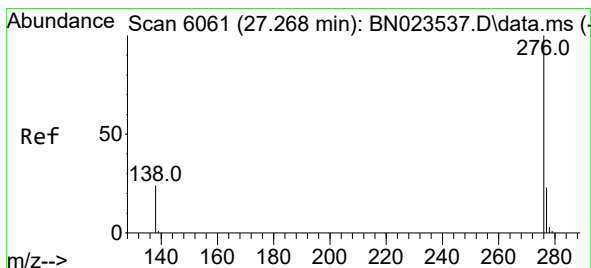
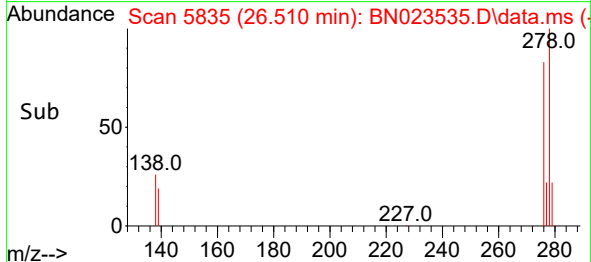
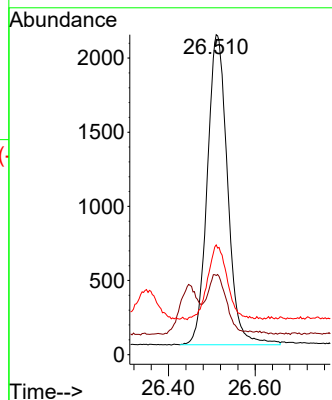
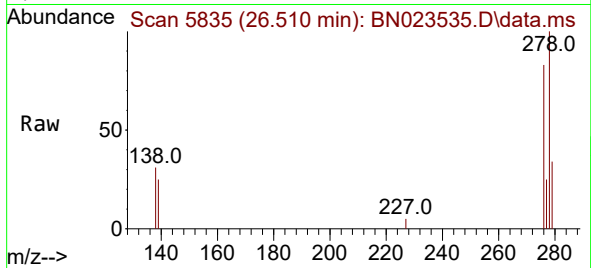




#28
Dibenzo(a,h)anthracene
Concen: 0.102 ng/ul
RT: 26.510 min Scan# 5836
Delta R.T. -0.003 min
Lab File: BN023535.D
Acq: 03 Jan 2023 13:42

Instrument :
BNA_N
ClientSampleId :
SSTD0.1223

Tgt Ion:278 Resp: 6798
Ion Ratio Lower Upper
278 100
139 24.7 16.5 24.7#
279 34.3 21.0 31.4#



#29
Benzo(g,h,i)perylene
Concen: 0.100 ng/ul
RT: 27.268 min Scan# 6061
Delta R.T. 0.000 min
Lab File: BN023535.D
Acq: 03 Jan 2023 13:42

Tgt Ion:276 Resp: 7013
Ion Ratio Lower Upper
276 100
138 29.6 20.7 31.1
277 27.8 19.6 29.4

