

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110722\
 Data File : BN022558.D
 Acq On : 08 Nov 2022 12:50
 Operator : CG/JU
 Sample : PB148836BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 09 01:21:40 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 23:39:33 2022
 Response via : Initial Calibration

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

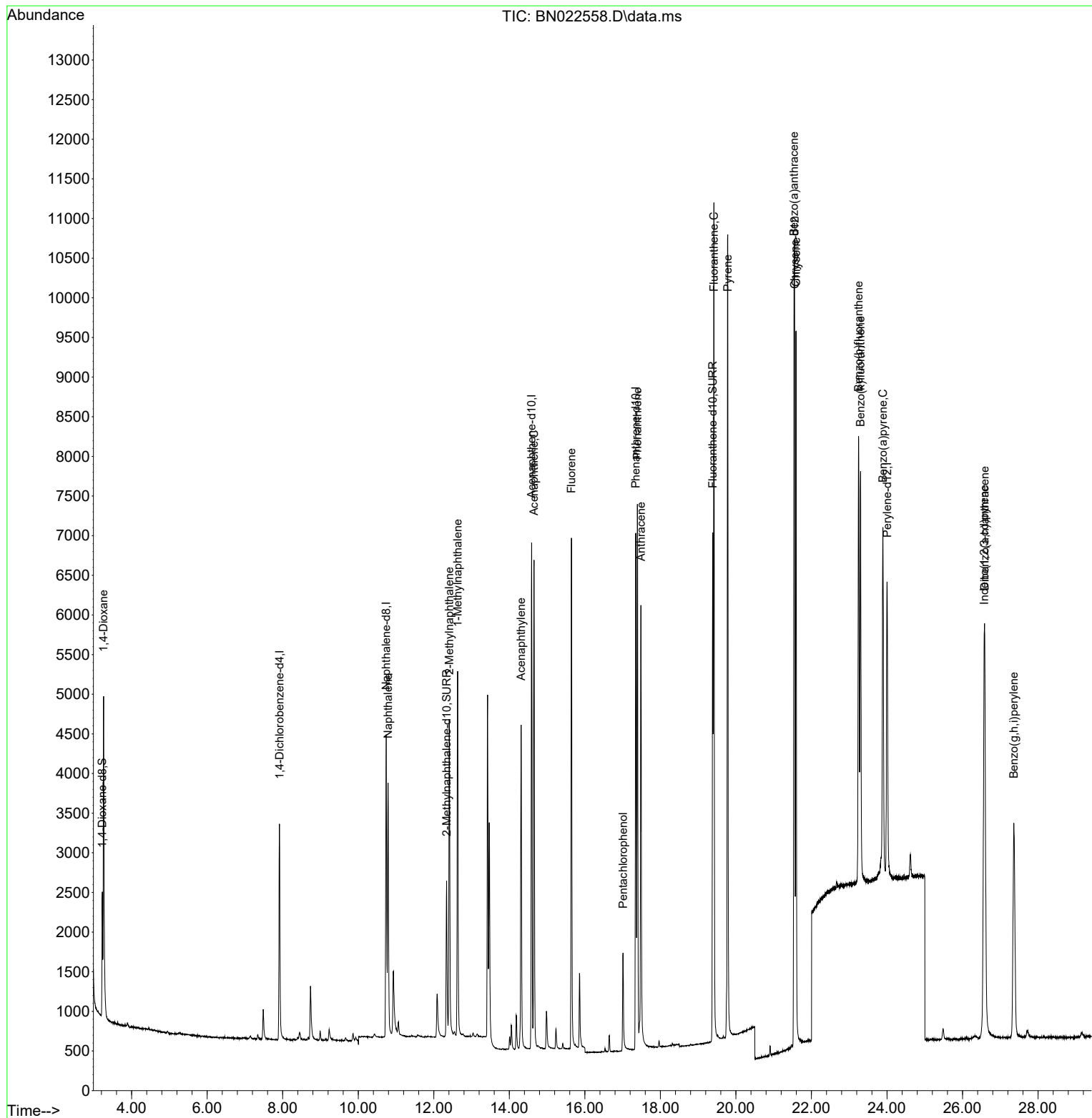
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.915	152	1589	0.400	ng/ul	0.00
4) Naphthalene-d8	10.739	136	5569	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	3677	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	7837	0.400	ng/ul	0.00
17) Chrysene-d12	21.556	240	6858	0.400	ng/ul	0.00
23) Perylene-d12	24.002	264	5525	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	1144	0.554	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	2817	0.334	ng/ul	0.00
18) Fluoranthene-d10	19.389	212	7244	0.315	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.257	88	3038	1.433	ng/ul#	88
5) Naphthalene	10.789	128	4628	0.281	ng/ul	96
7) 2-Methylnaphthalene	12.411	142	3124	0.301	ng/ul	100
8) 1-Methylnaphthalene	12.631	142	3320	0.311	ng/ul	99
10) Acenaphthylene	14.313	152	5032	0.305	ng/ul	97
11) Acenaphthene	14.656	153	3813	0.274	ng/ul	100
12) Fluorene	15.646	166	4381	0.271	ng/ul	98
14) Pentachlorophenol	17.011	266	1007	0.540	ng/ul	99
15) Phenanthrene	17.391	178	7471	0.284	ng/ul	99
16) Anthracene	17.484	178	6642	0.300	ng/ul	98
19) Fluoranthene	19.417	202	8746	0.278	ng/ul	98
20) Pyrene	19.784	202	8935	0.283	ng/ul	98
21) Benzo(a)anthracene	21.538	228	7809	0.304	ng/ul	97
22) Chrysene	21.594	228	8194	0.301	ng/ul	99
24) Benzo(b)fluoranthene	23.248	252	7431	0.268	ng/ul	90
25) Benzo(k)fluoranthene	23.301	252	7267	0.269	ng/ul	92
26) Benzo(a)pyrene	23.891	252	7066	0.319	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.571	276	7327	0.266	ng/ul	96
28) Dibenzo(a,h)anthracene	26.588	278	6008	0.274	ng/ul#	92
29) Benzo(g,h,i)perylene	27.360	276	6265	0.280	ng/ul	98

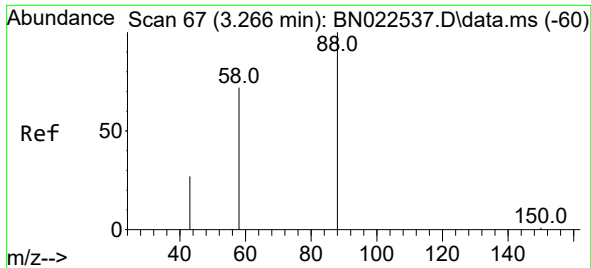
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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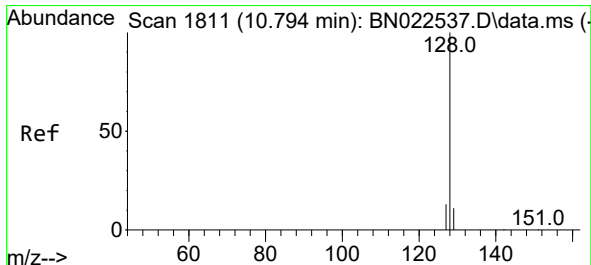
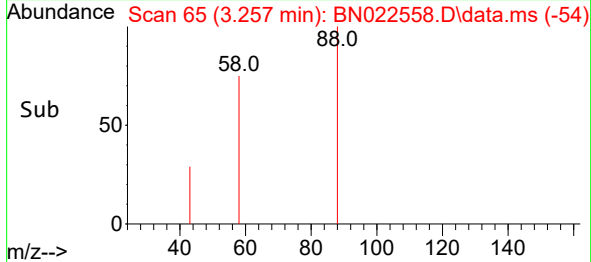
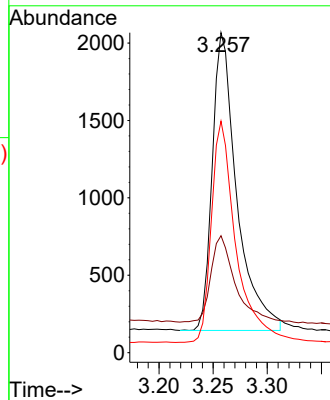
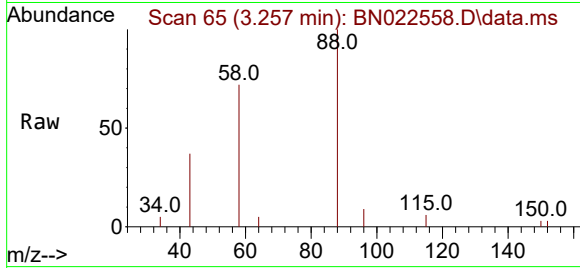




#2
1,4-Dioxane
Concen: 1.433 ng/ul
RT: 3.257 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN022558.D
Acq: 08 Nov 2022 12:50

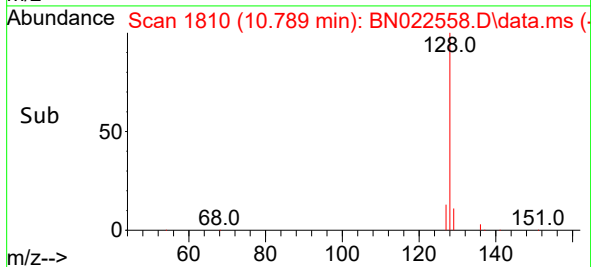
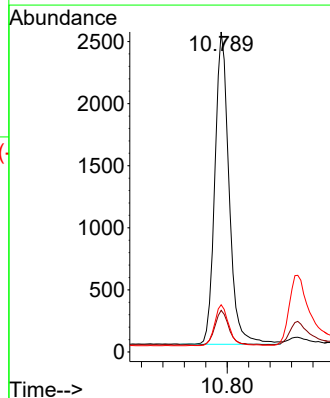
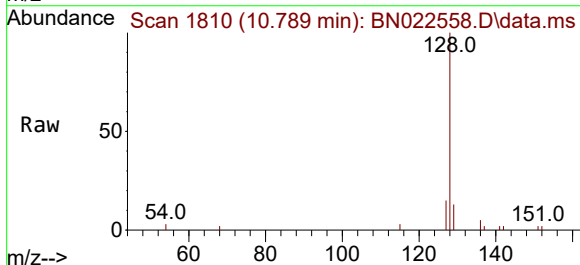
Instrument :
BNA_N
ClientSampleId :

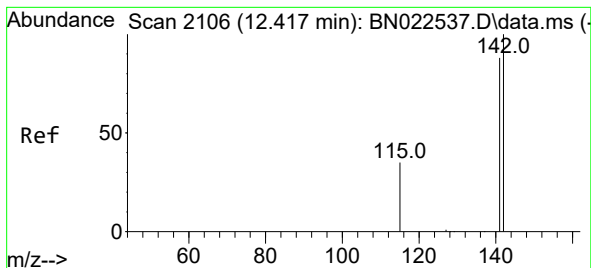
Tgt Ion: 88 Resp: 3038
Ion Ratio Lower Upper
88 100
43 36.6 27.4 41.2
58 72.3 48.2 72.2#



#5
Naphthalene
Concen: 0.281 ng/ul
RT: 10.789 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BN022558.D
Acq: 08 Nov 2022 12:50

Tgt Ion:128 Resp: 4628
Ion Ratio Lower Upper
128 100
129 13.0 9.3 13.9
127 14.8 10.7 16.1

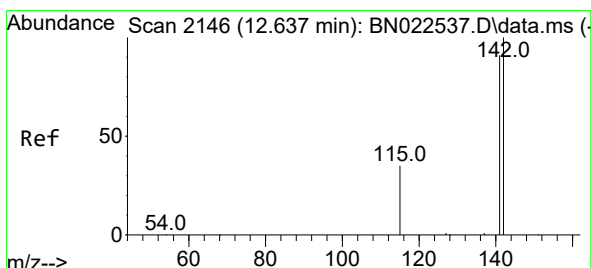
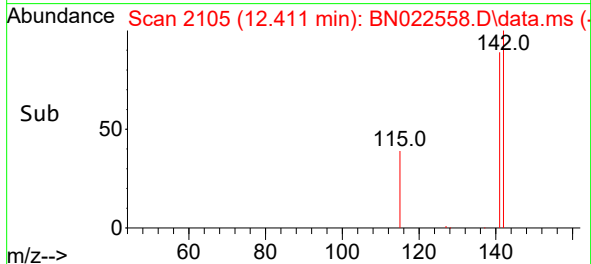
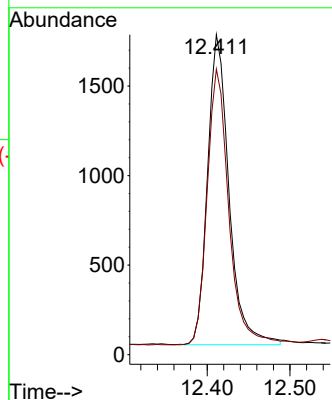
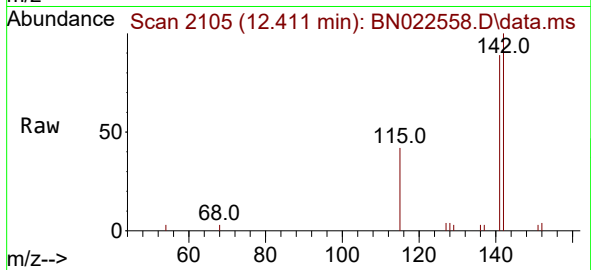




#7
2-Methylnaphthalene
Concen: 0.301 ng/ul
RT: 12.411 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BN022558.D
Acq: 08 Nov 2022 12:50

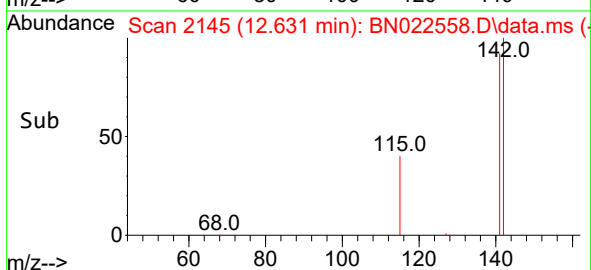
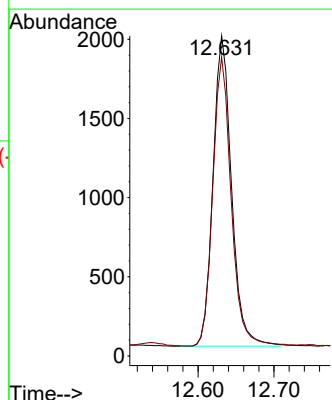
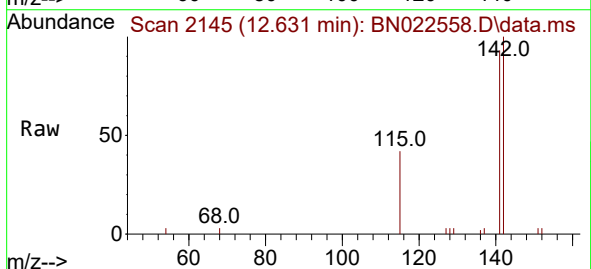
Instrument :
BNA_N
ClientSampleId :

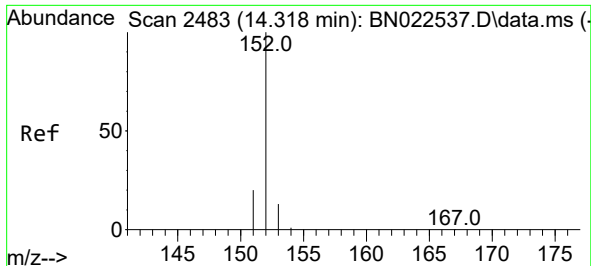
Tgt Ion:142 Resp: 3124
Ion Ratio Lower Upper
142 100
141 89.2 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.311 ng/ul
RT: 12.631 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BN022558.D
Acq: 08 Nov 2022 12:50

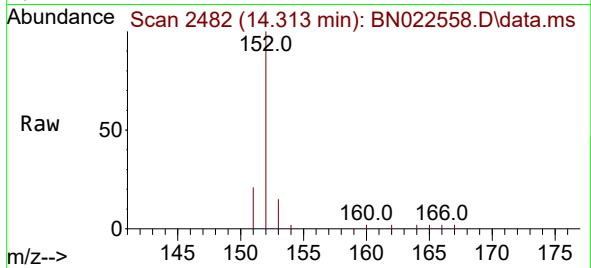
Tgt Ion:142 Resp: 3320
Ion Ratio Lower Upper
142 100
141 92.7 73.3 109.9



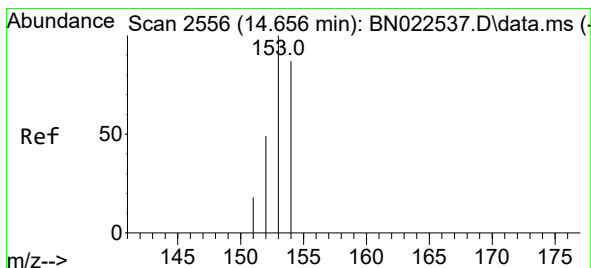
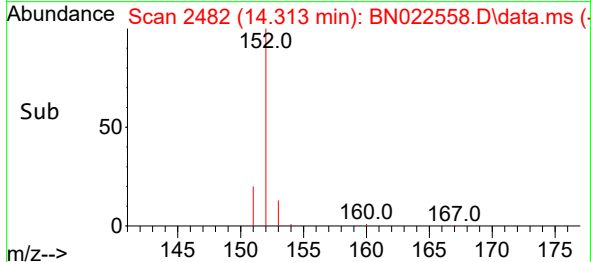
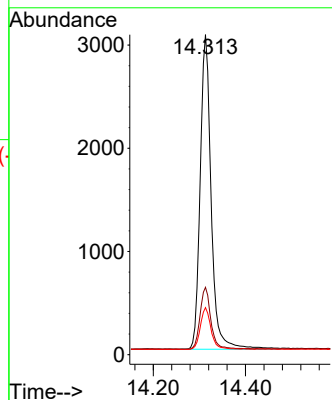


#10
Acenaphthylene
Concen: 0.305 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. -0.005 min
Lab File: BN022558.D
Acq: 08 Nov 2022 12:50

Instrument :
BNA_N
ClientSampleId :

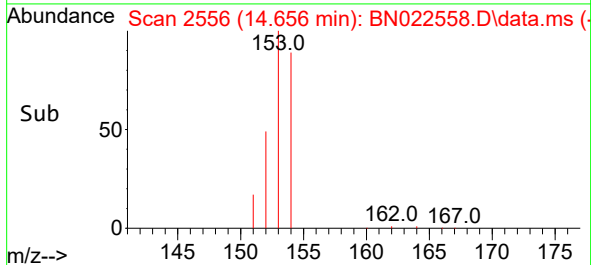
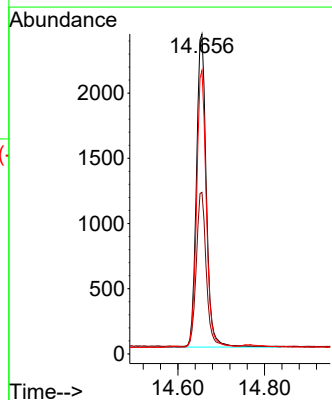
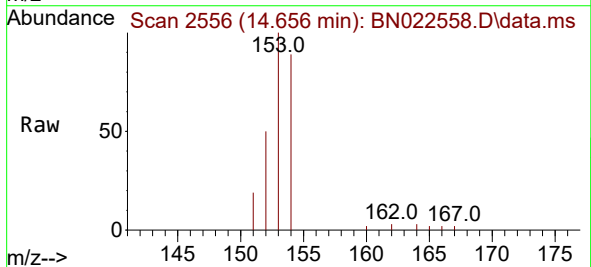


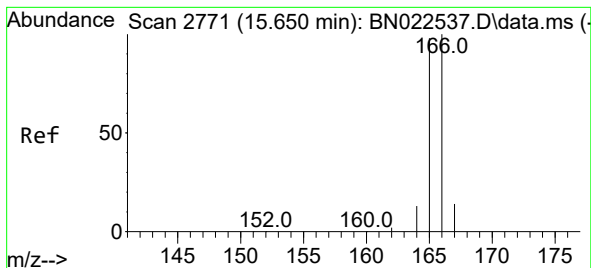
Tgt Ion:152 Resp: 5032
Ion Ratio Lower Upper
152 100
151 21.1 15.9 23.9
153 14.7 10.8 16.2



#11
Acenaphthene
Concen: 0.274 ng/ul
RT: 14.656 min Scan# 2556
Delta R.T. -0.005 min
Lab File: BN022558.D
Acq: 08 Nov 2022 12:50

Tgt Ion:153 Resp: 3813
Ion Ratio Lower Upper
153 100
152 50.5 40.6 61.0
154 88.6 70.6 106.0





#12

Fluorene

Concen: 0.271 ng/ul

RT: 15.646 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN022558.D

Acq: 08 Nov 2022 12:50

Instrument :

BNA_N

ClientSampleId :

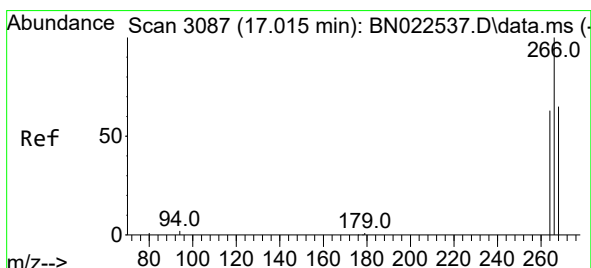
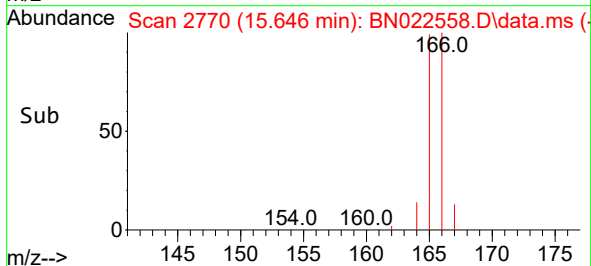
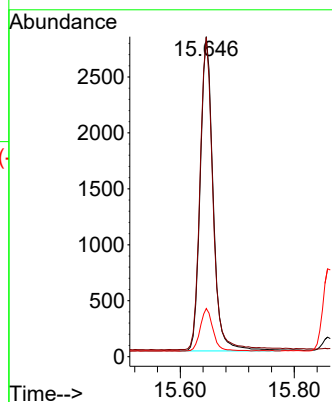
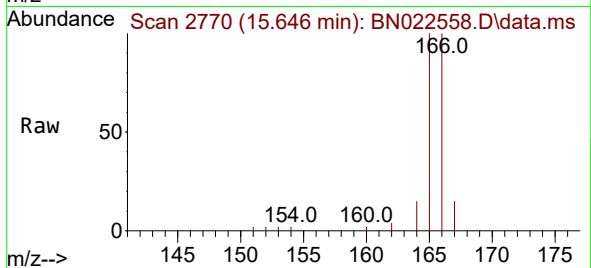
Tgt Ion:166 Resp: 4381

Ion Ratio Lower Upper

166 100

165 99.8 78.2 117.2

167 15.0 11.0 16.4



#14

Pentachlorophenol

Concen: 0.540 ng/ul

RT: 17.011 min Scan# 3086

Delta R.T. -0.000 min

Lab File: BN022558.D

Acq: 08 Nov 2022 12:50

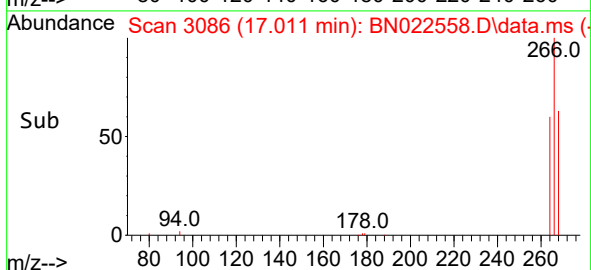
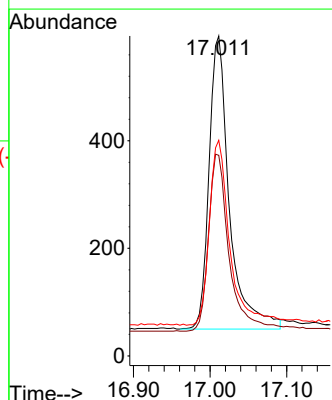
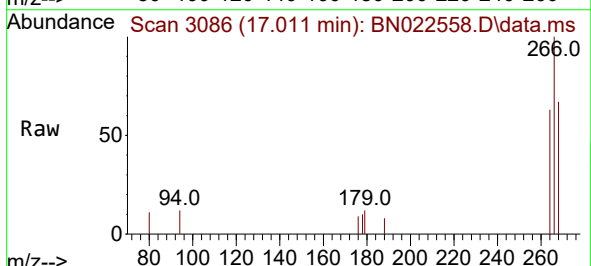
Tgt Ion:266 Resp: 1007

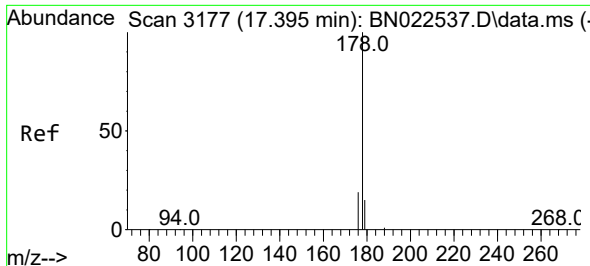
Ion Ratio Lower Upper

266 100

264 61.3 49.8 74.6

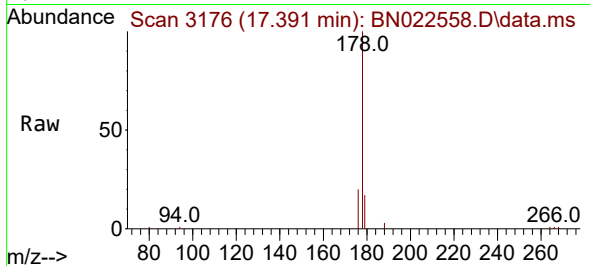
268 64.0 51.4 77.2



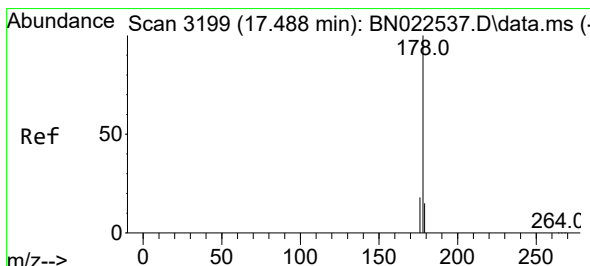
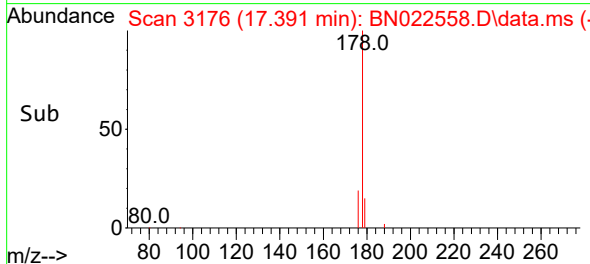
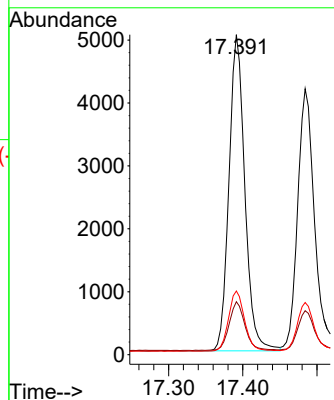


#15
 Phenanthrene
 Concen: 0.284 ng/ul
 RT: 17.391 min Scan# 3177
 Delta R.T. -0.004 min
 Lab File: BN022558.D
 Acq: 08 Nov 2022 12:50

Instrument :
 BNA_N
 ClientSampleId :

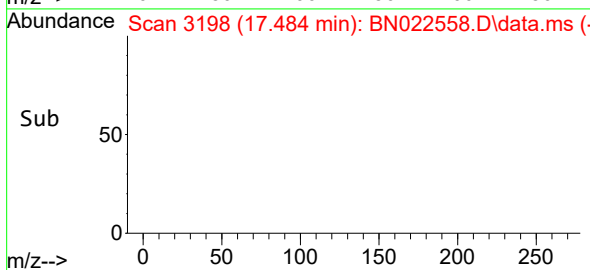
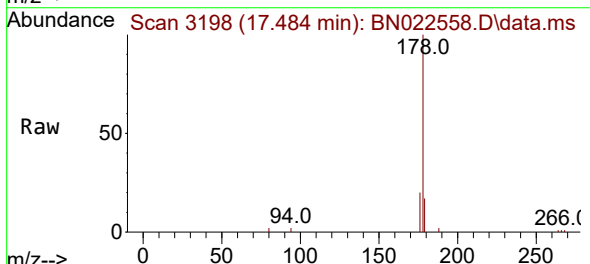
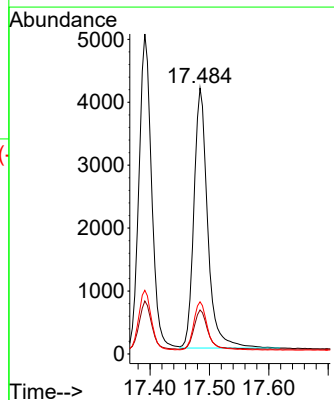


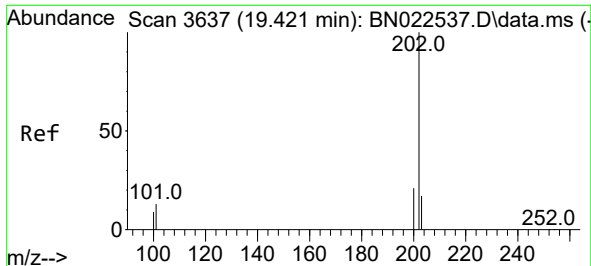
Tgt Ion:178 Resp: 7471
 Ion Ratio Lower Upper
 178 100
 179 16.5 12.7 19.1
 176 19.9 15.4 23.2



#16
 Anthracene
 Concen: 0.300 ng/ul
 RT: 17.484 min Scan# 3198
 Delta R.T. -0.004 min
 Lab File: BN022558.D
 Acq: 08 Nov 2022 12:50

Tgt Ion:178 Resp: 6642
 Ion Ratio Lower Upper
 178 100
 179 16.5 12.6 18.8
 176 19.6 15.0 22.6

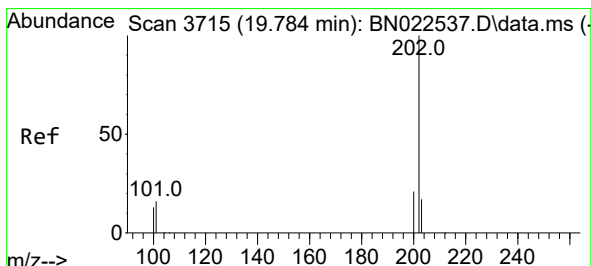
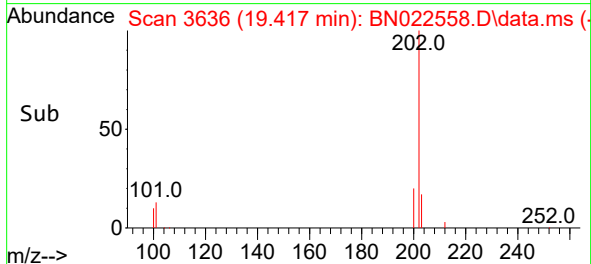
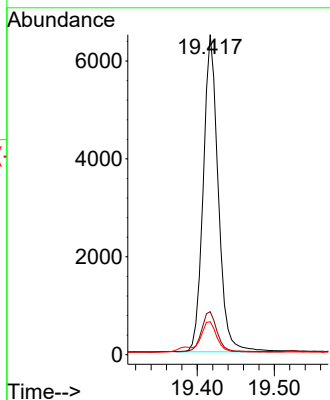
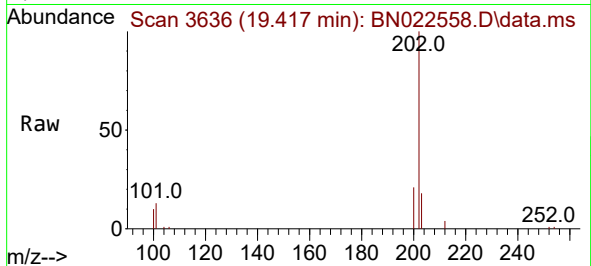




#19
Fluoranthene
Concen: 0.278 ng/ul
RT: 19.417 min Scan# 3636
Delta R.T. -0.005 min
Lab File: BN022558.D
Acq: 08 Nov 2022 12:50

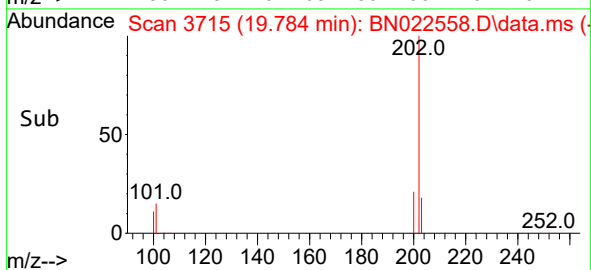
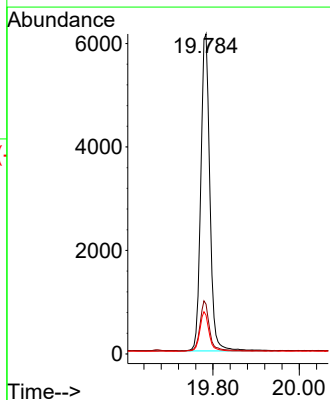
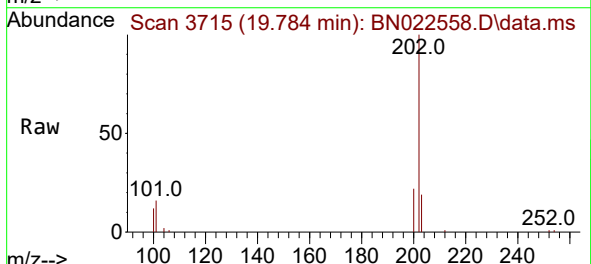
Instrument :
BNA_N
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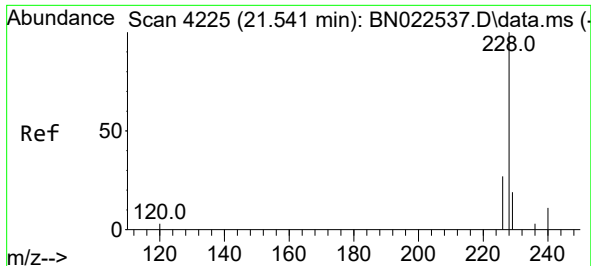
Tgt Ion:202 Resp: 8746
Ion Ratio Lower Upper
202 100
101 13.5 11.8 17.6
100 10.3 8.7 13.1



#20
Pyrene
Concen: 0.283 ng/ul
RT: 19.784 min Scan# 3715
Delta R.T. -0.000 min
Lab File: BN022558.D
Acq: 08 Nov 2022 12:50

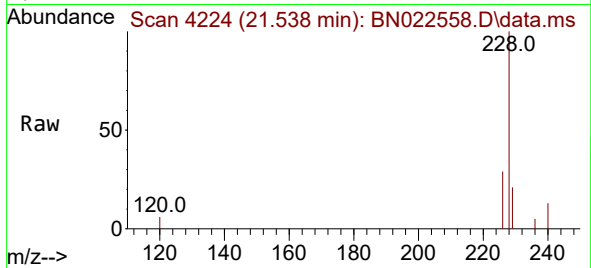
Tgt Ion:202 Resp: 8935
Ion Ratio Lower Upper
202 100
101 15.6 13.1 19.7
100 12.1 10.6 16.0



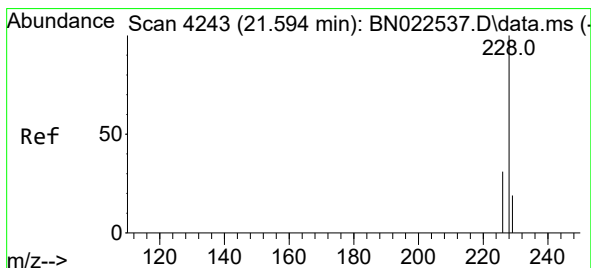
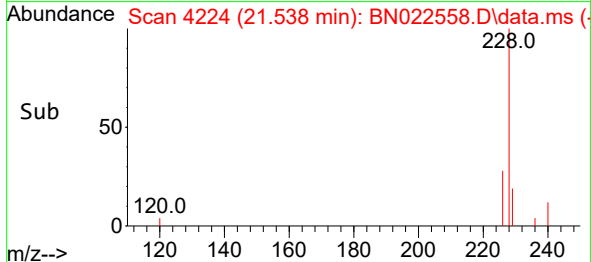
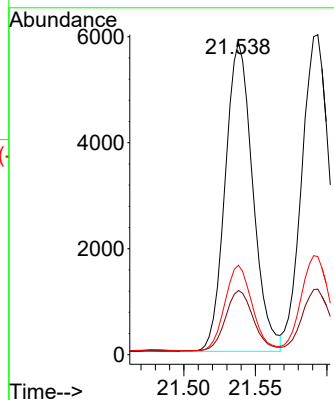


#21
Benzo(a)anthracene
Concen: 0.304 ng/ul
RT: 21.538 min Scan# 4224
Delta R.T. -0.000 min
Lab File: BN022558.D
Acq: 08 Nov 2022 12:50

Instrument :
BNA_N
ClientSampleId :

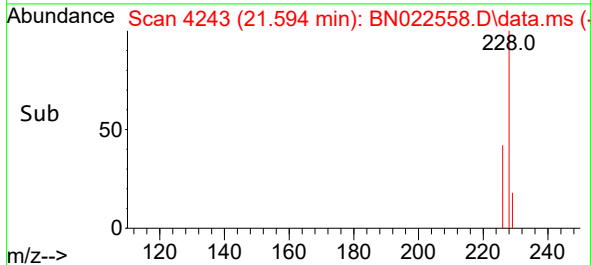
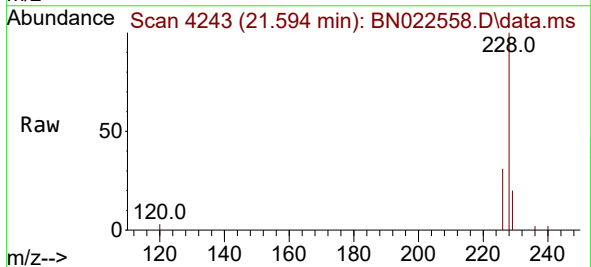
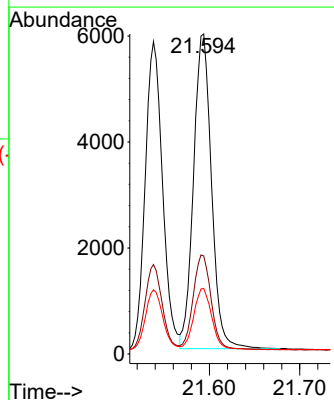


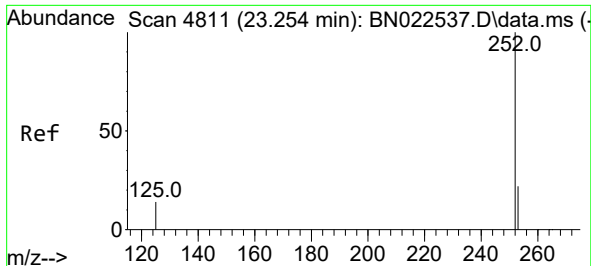
Tgt Ion:228 Resp: 7809
Ion Ratio Lower Upper
228 100
229 20.5 15.7 23.5
226 28.6 21.5 32.3



#22
Chrysene
Concen: 0.301 ng/ul
RT: 21.594 min Scan# 4243
Delta R.T. -0.000 min
Lab File: BN022558.D
Acq: 08 Nov 2022 12:50

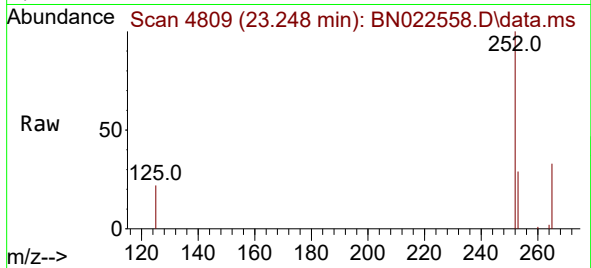
Tgt Ion:228 Resp: 8194
Ion Ratio Lower Upper
228 100
226 30.7 23.9 35.9
229 20.5 15.9 23.9



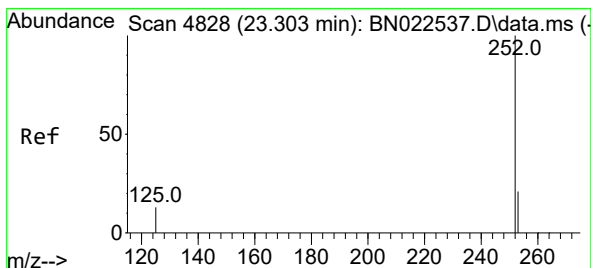
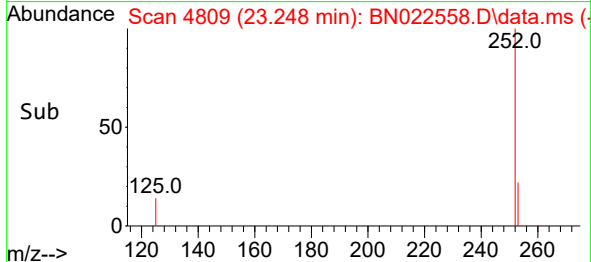
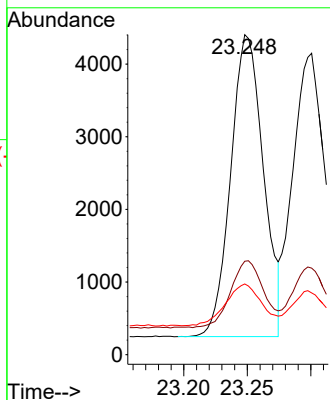


#24
Benzo(b)fluoranthene
Concen: 0.268 ng/ul
RT: 23.248 min Scan# 4809
Delta R.T. -0.003 min
Lab File: BN022558.D
Acq: 08 Nov 2022 12:50

Instrument :
BNA_N
ClientSampleId :

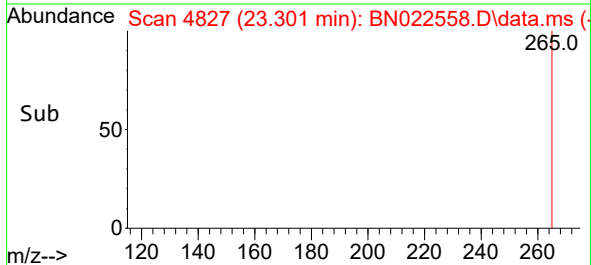
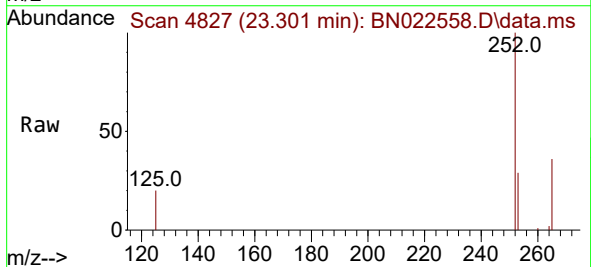
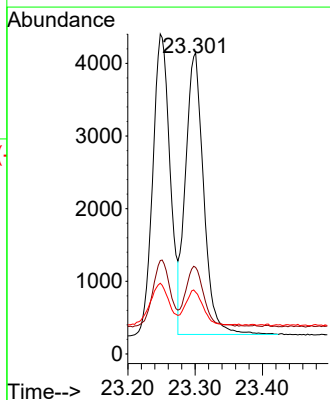


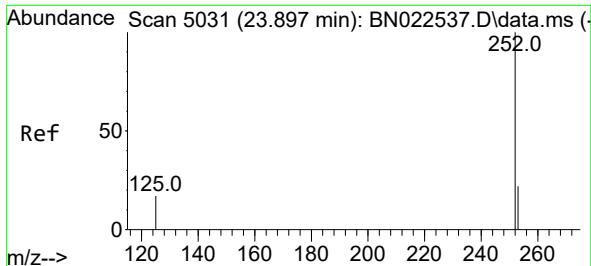
Tgt Ion:252 Resp: 7431
Ion Ratio Lower Upper
252 100
253 29.2 0.0 49.0
125 22.1 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 0.269 ng/ul
RT: 23.301 min Scan# 4827
Delta R.T. -0.000 min
Lab File: BN022558.D
Acq: 08 Nov 2022 12:50

Tgt Ion:252 Resp: 7267
Ion Ratio Lower Upper
252 100
253 28.7 19.7 29.5
125 20.5 14.0 21.0

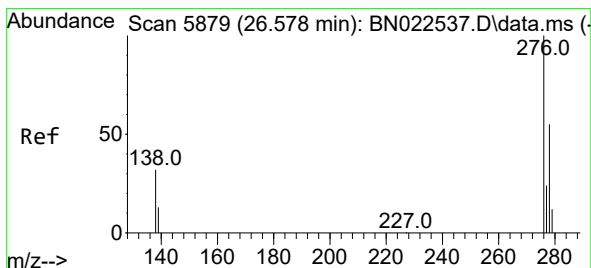
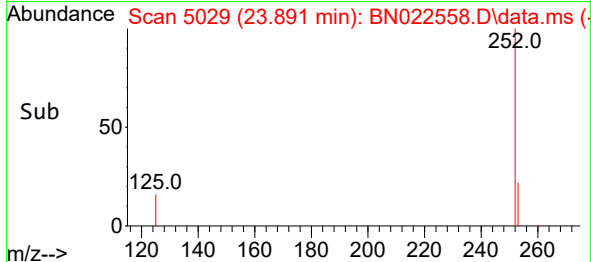
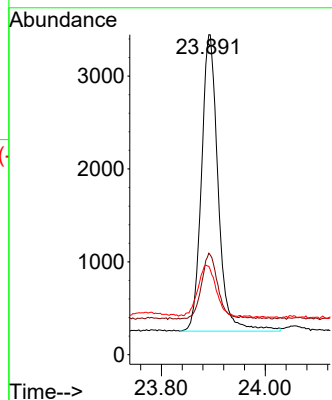
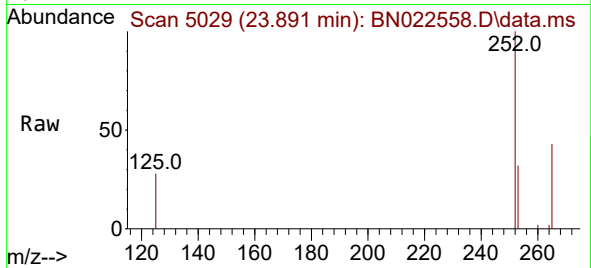




#26
Benzo(a)pyrene
Concen: 0.319 ng/ul
RT: 23.891 min Scan# 5031
Delta R.T. -0.003 min
Lab File: BN022558.D
Acq: 08 Nov 2022 12:50

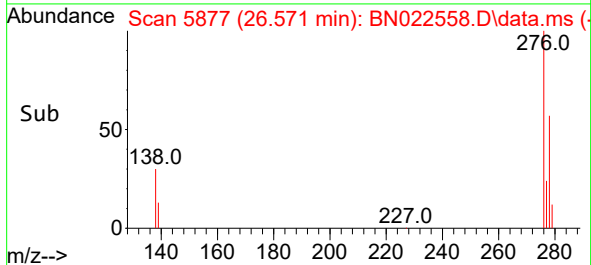
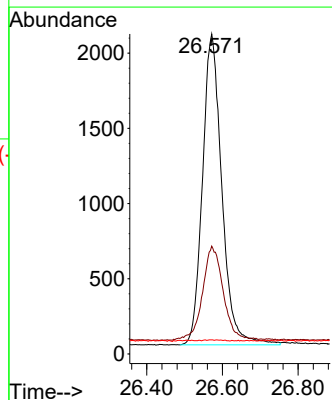
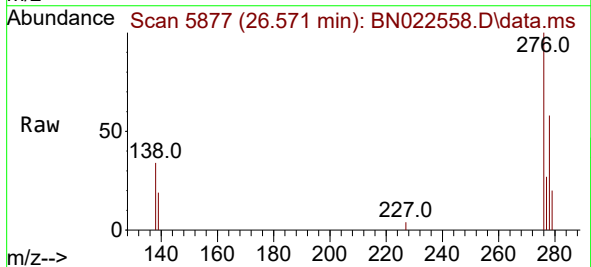
Instrument :
BNA_N
ClientSampleId :

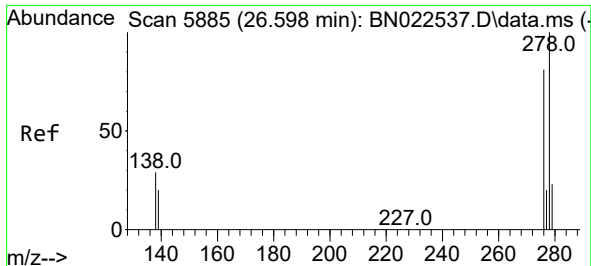
Tgt Ion:252 Resp: 7066
Ion Ratio Lower Upper
252 100
253 31.7 21.0 31.6#
125 27.6 17.9 26.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.266 ng/ul
RT: 26.571 min Scan# 5877
Delta R.T. -0.000 min
Lab File: BN022558.D
Acq: 08 Nov 2022 12:50

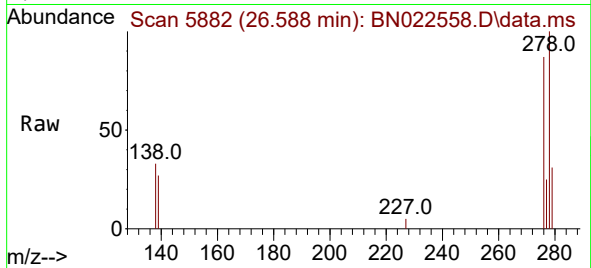
Tgt Ion:276 Resp: 7327
Ion Ratio Lower Upper
276 100
138 32.3 27.7 41.5
227 0.2 0.2 0.2



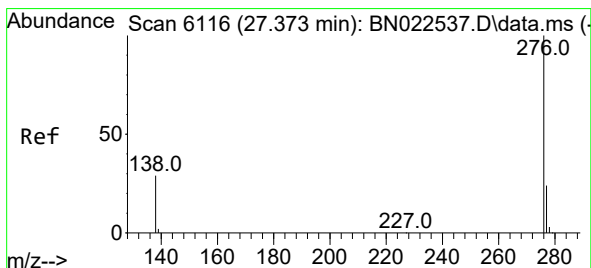
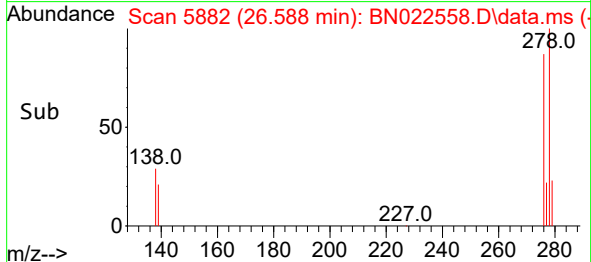
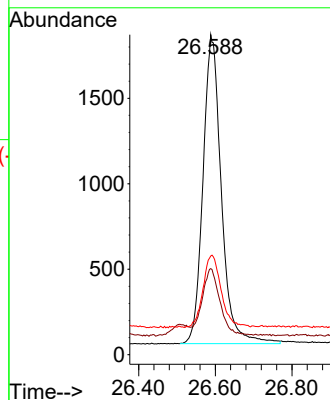


#28
Dibenzo(a,h)anthracene
Concen: 0.274 ng/ul
RT: 26.588 min Scan# 5882
Delta R.T. -0.000 min
Lab File: BN022558.D
Acq: 08 Nov 2022 12:50

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 6008
Ion Ratio Lower Upper
278 100
139 26.9 19.6 29.4
279 30.9 20.6 30.8#



#29
Benzo(g,h,i)perylene
Concen: 0.280 ng/ul
RT: 27.360 min Scan# 6112
Delta R.T. -0.000 min
Lab File: BN022558.D
Acq: 08 Nov 2022 12:50

Tgt Ion:276 Resp: 6265
Ion Ratio Lower Upper
276 100
138 30.9 25.2 37.8
277 27.0 19.9 29.9

