

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023427.D
 Acq On : 25 Dec 2022 01:01
 Operator : CG/JU
 Sample : PB149785BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 25 04:22:02 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

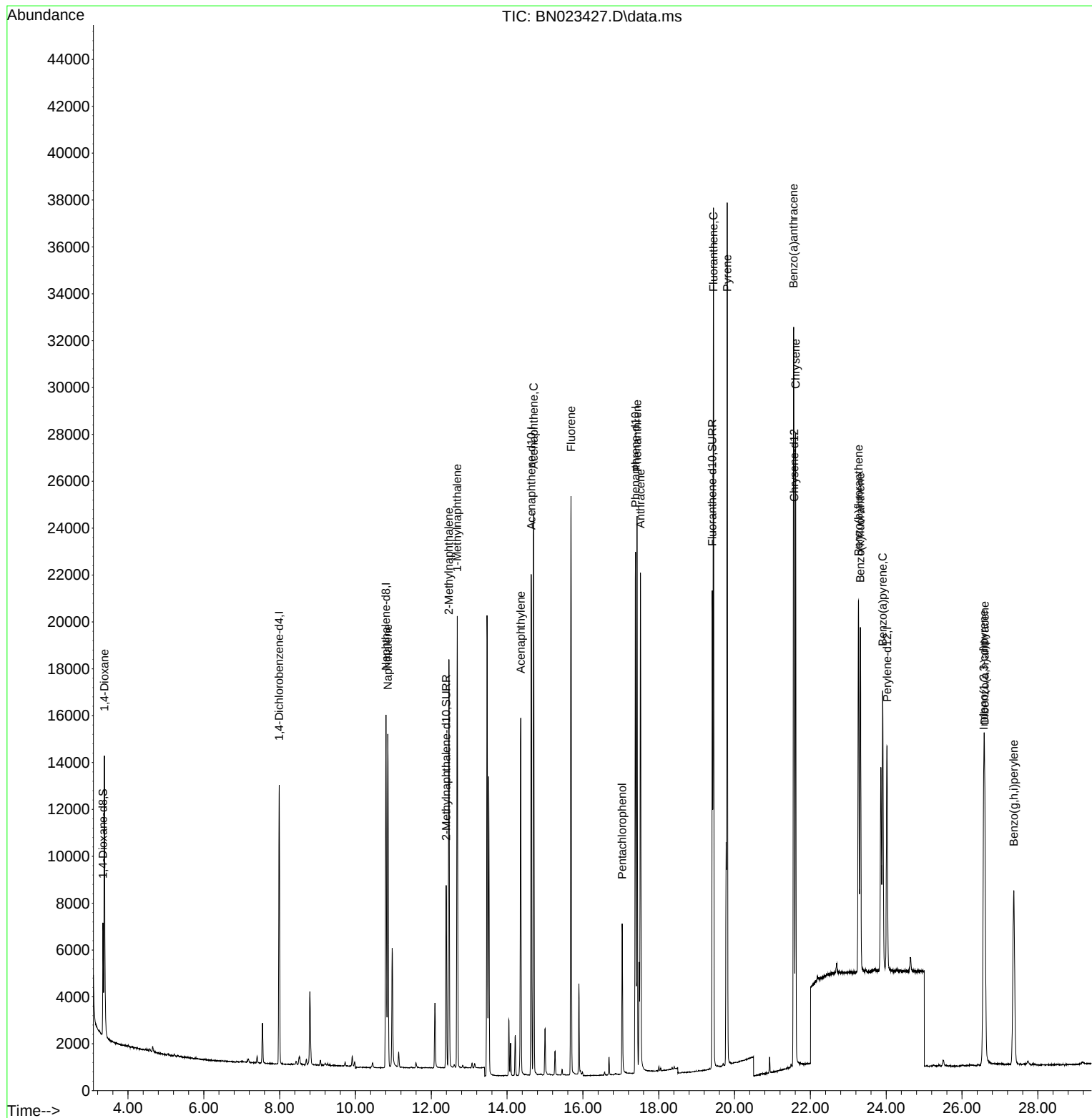
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.990	152	5923	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	19911	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.637	164	11283	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.387	188	24859	0.400	ng/ul	0.00
17) Chrysene-d12	21.573	240	16838	0.400	ng/ul	0.00
23) Perylene-d12	24.023	264	13435	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	3163	0.491	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.394	152	9881	0.321	ng/ul	-0.01
18) Fluoranthene-d10	19.412	212	21362	0.351	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.378	88	8656	1.315	ng/ul	95
5) Naphthalene	10.854	128	18595	0.318	ng/ul	100
7) 2-Methylnaphthalene	12.465	142	11884	0.318	ng/ul	100
8) 1-Methylnaphthalene	12.685	142	12784	0.332	ng/ul	100
10) Acenaphthylene	14.359	152	16932	0.339	ng/ul	99
11) Acenaphthene	14.702	153	13443	0.319	ng/ul	99
12) Fluorene	15.687	166	15023	0.317	ng/ul	99
14) Pentachlorophenol	17.036	266	4190	0.608	ng/ul	99
15) Phenanthrene	17.429	178	25083	0.310	ng/ul	100
16) Anthracene	17.518	178	22735	0.339	ng/ul	99
19) Fluoranthene	19.444	202	28937	0.354	ng/ul	99
20) Pyrene	19.807	202	29806	0.362	ng/ul	99
21) Benzo(a)anthracene	21.555	228	24225	0.370	ng/ul	100
22) Chrysene	21.611	228	23301	0.350	ng/ul	100
24) Benzo(b)fluoranthene	23.271	252	20725	0.298	ng/ul	95
25) Benzo(k)fluoranthene	23.318	252	19998	0.307	ng/ul	96
26) Benzo(a)pyrene	23.908	252	17142	0.312	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.571	276	20301	0.316	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.598	278	16183	0.325	ng/ul	96
29) Benzo(g,h,i)perylene	27.366	276	16899	0.323	ng/ul	96

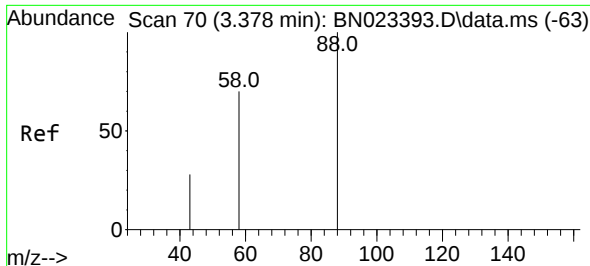
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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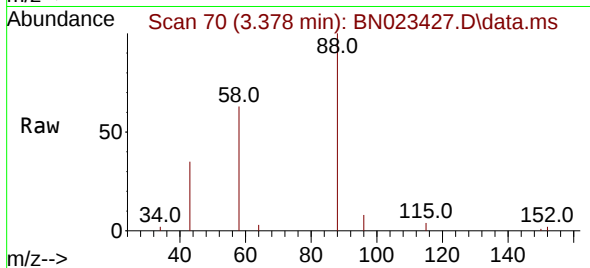
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration



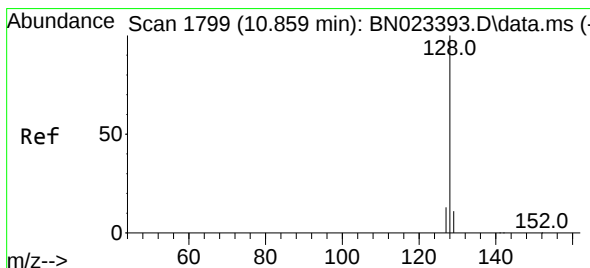
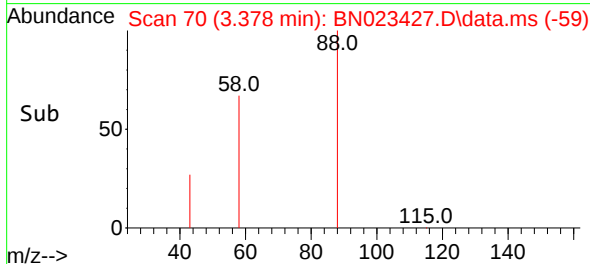
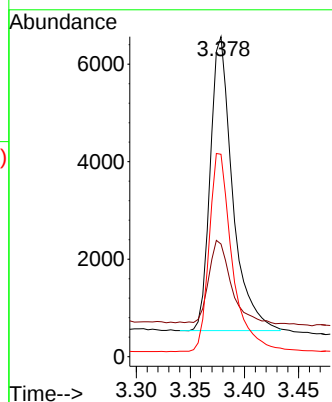


#2
1,4-Dioxane
Concen: 1.315 ng/ul
RT: 3.378 min Scan# 70
Delta R.T. -0.004 min
Lab File: BN023427.D
Acq: 25 Dec 2022 01:01

Instrument :
BNA_N
ClientSampleId :

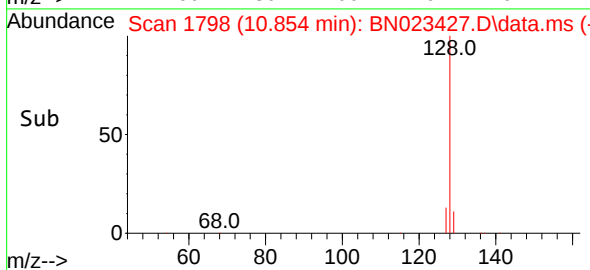
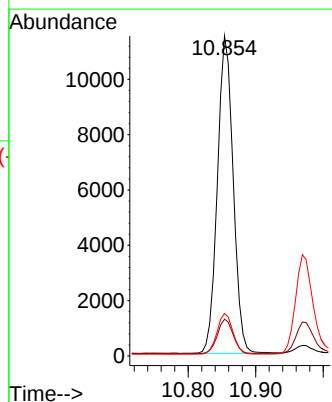
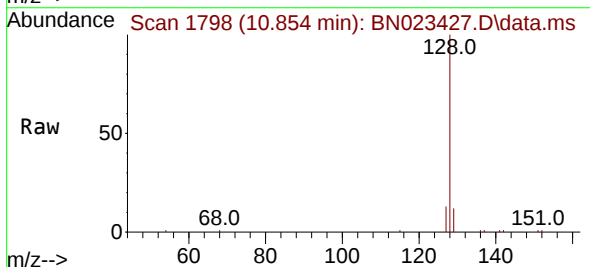


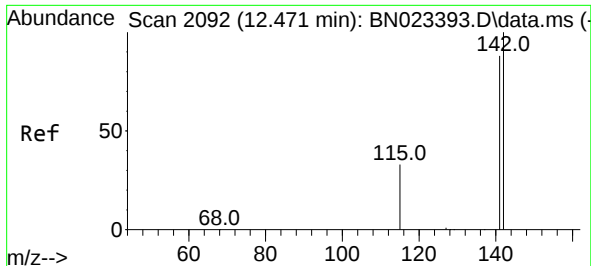
Tgt Ion: 88 Resp: 8656
Ion Ratio Lower Upper
88 100
43 35.2 28.4 42.6
58 63.3 45.6 68.4



#5
Naphthalene
Concen: 0.318 ng/ul
RT: 10.854 min Scan# 1798
Delta R.T. -0.011 min
Lab File: BN023427.D
Acq: 25 Dec 2022 01:01

Tgt Ion: 128 Resp: 18595
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.3 10.7 16.1

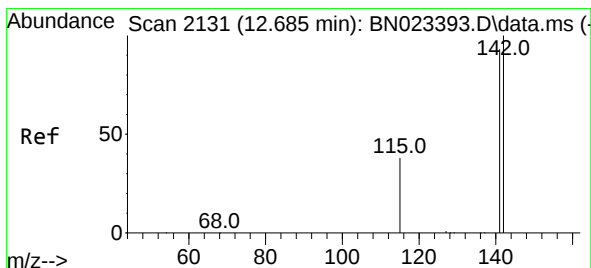
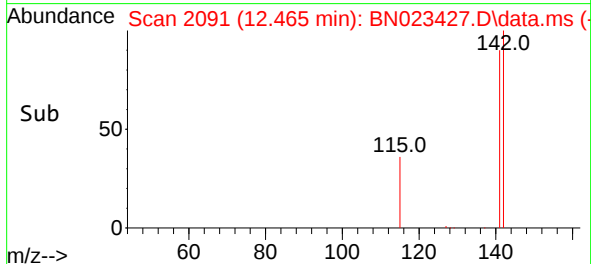
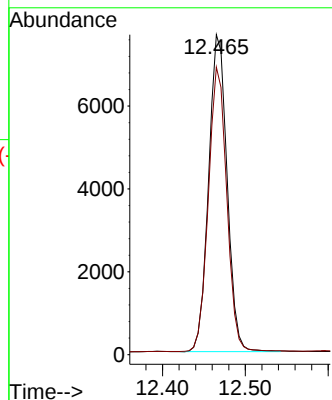
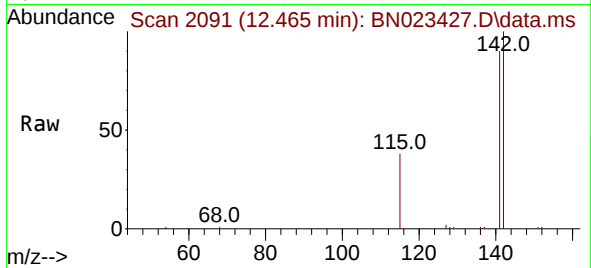




#7
2-Methylnaphthalene
Concen: 0.318 ng/ul
RT: 12.465 min Scan# 2092
Delta R.T. -0.011 min
Lab File: BN023427.D
Acq: 25 Dec 2022 01:01

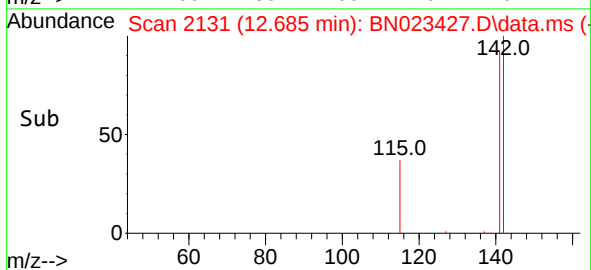
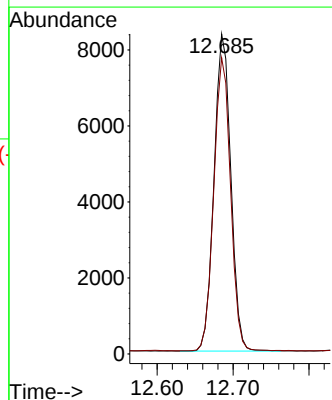
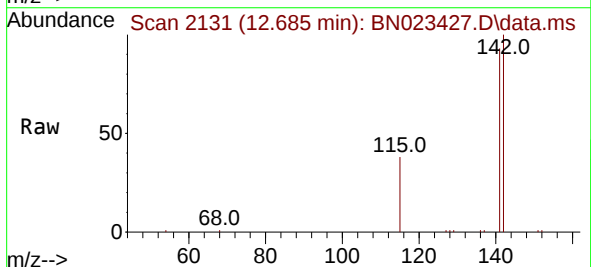
Instrument :
BNA_N
ClientSampleId :

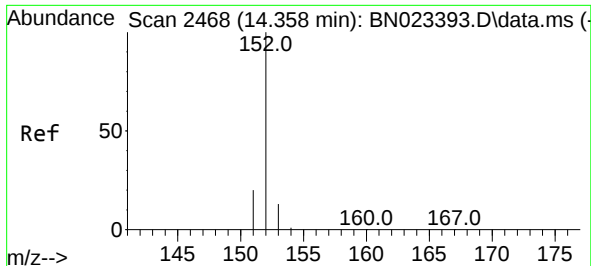
Tgt Ion:142 Resp: 11884
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.332 ng/ul
RT: 12.685 min Scan# 2131
Delta R.T. -0.011 min
Lab File: BN023427.D
Acq: 25 Dec 2022 01:01

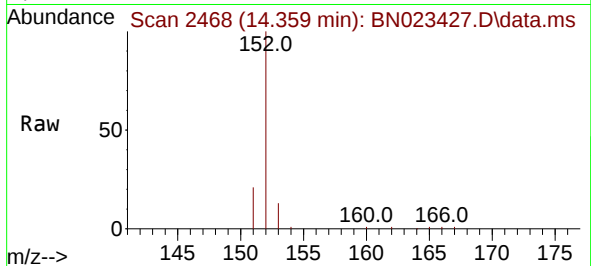
Tgt Ion:142 Resp: 12784
Ion Ratio Lower Upper
142 100
141 92.2 74.0 111.0



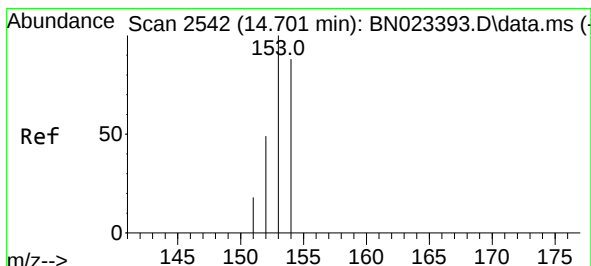
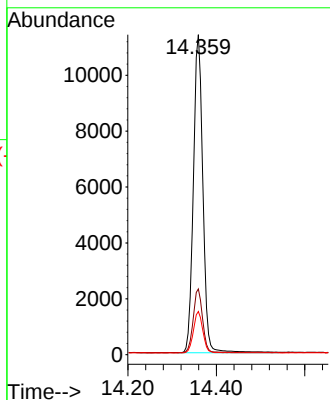


#10
Acenaphthylene
Concen: 0.339 ng/ul
RT: 14.359 min Scan# 2468
Delta R.T. -0.009 min
Lab File: BN023427.D
Acq: 25 Dec 2022 01:01

Instrument :
BNA_N
ClientSampleId :

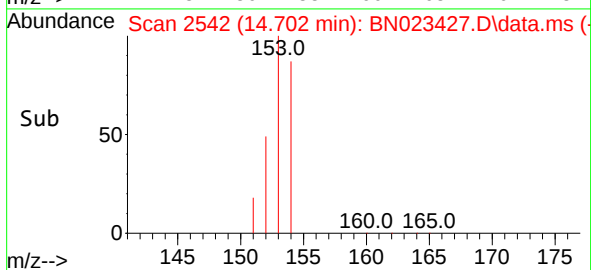
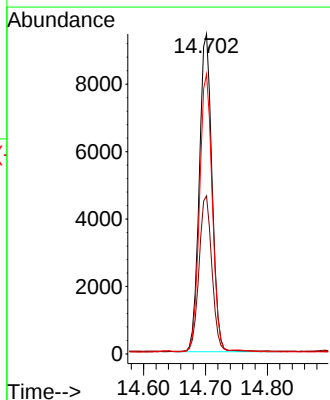
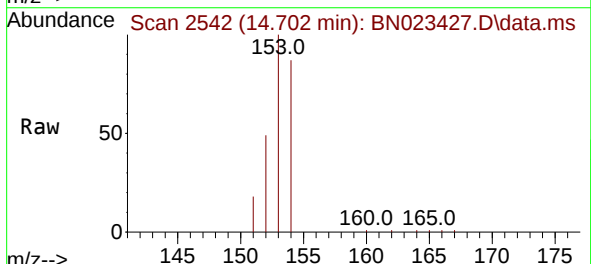


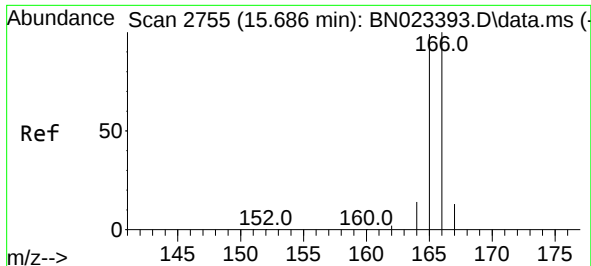
Tgt Ion:152 Resp: 16932
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 13.5 10.9 16.3



#11
Acenaphthene
Concen: 0.319 ng/ul
RT: 14.702 min Scan# 2542
Delta R.T. -0.005 min
Lab File: BN023427.D
Acq: 25 Dec 2022 01:01

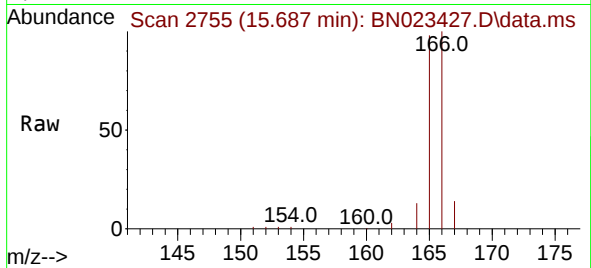
Tgt Ion:153 Resp: 13443
Ion Ratio Lower Upper
153 100
152 49.4 41.0 61.4
154 87.5 69.5 104.3



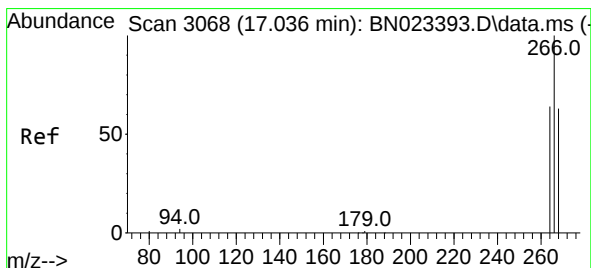
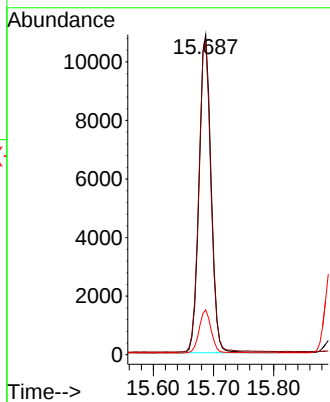
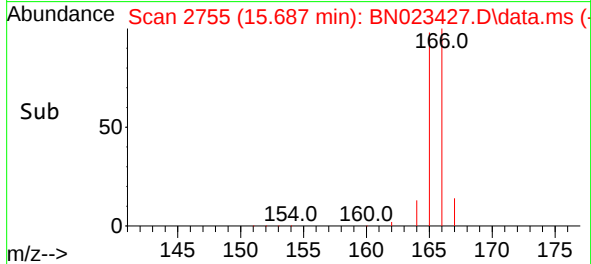


#12
Fluorene
Concen: 0.317 ng/ul
RT: 15.687 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN023427.D
Acq: 25 Dec 2022 01:01

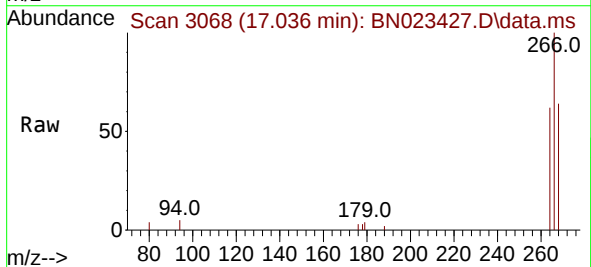
Instrument :
BNA_N
ClientSampleId :



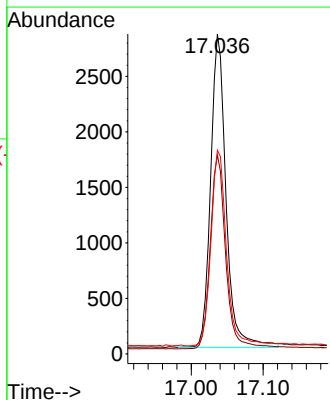
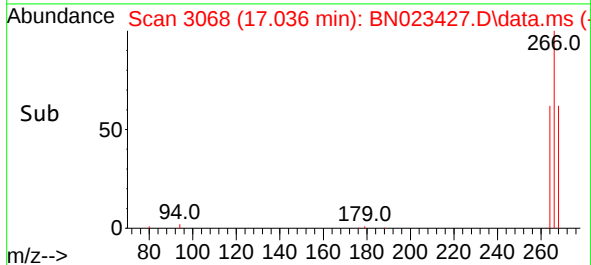
Tgt Ion:166 Resp: 15023
Ion Ratio Lower Upper
166 100
165 98.0 79.1 118.7
167 14.0 11.0 16.4

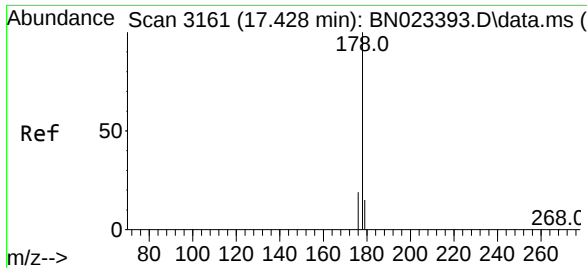


#14
Pentachlorophenol
Concen: 0.608 ng/ul
RT: 17.036 min Scan# 3068
Delta R.T. -0.004 min
Lab File: BN023427.D
Acq: 25 Dec 2022 01:01



Tgt Ion:266 Resp: 4190
Ion Ratio Lower Upper
266 100
264 62.1 49.8 74.6
268 63.3 51.4 77.0

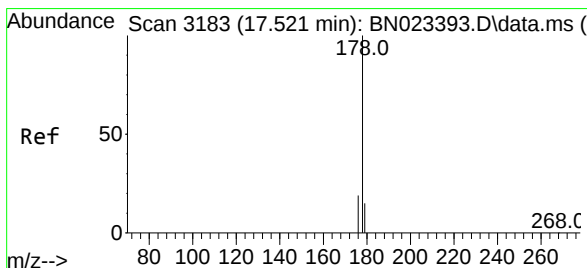
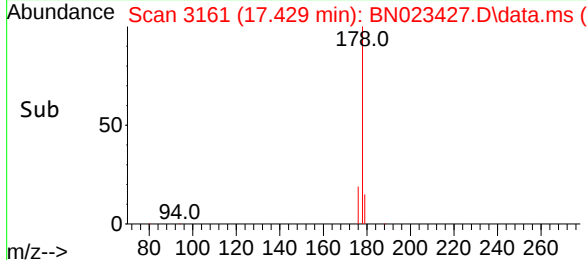
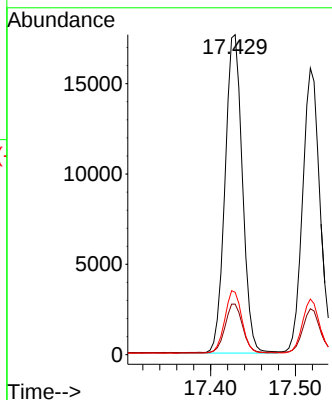
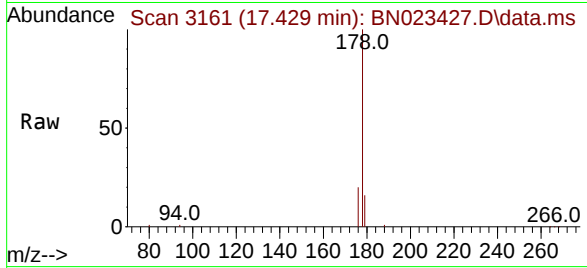




#15
Phenanthrene
Concen: 0.310 ng/ul
RT: 17.429 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BN023427.D
Acq: 25 Dec 2022 01:01

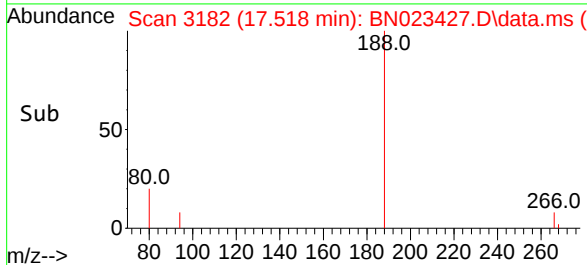
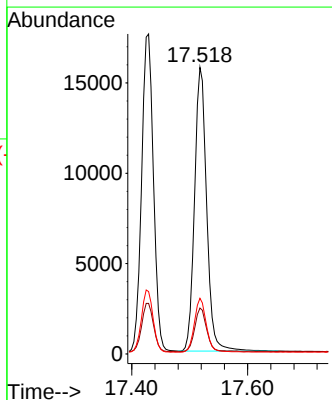
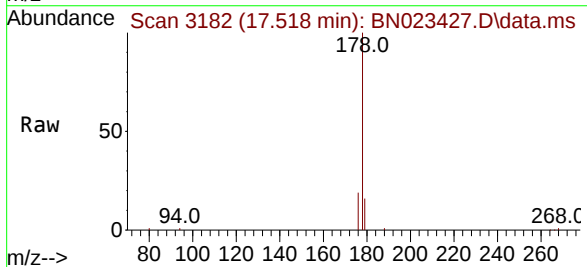
Instrument :
BNA_N
ClientSampleId :

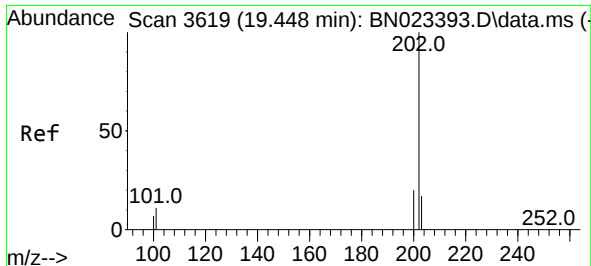
Tgt Ion:178 Resp: 25083
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 19.5 15.7 23.5



#16
Anthracene
Concen: 0.339 ng/ul
RT: 17.518 min Scan# 3182
Delta R.T. -0.008 min
Lab File: BN023427.D
Acq: 25 Dec 2022 01:01

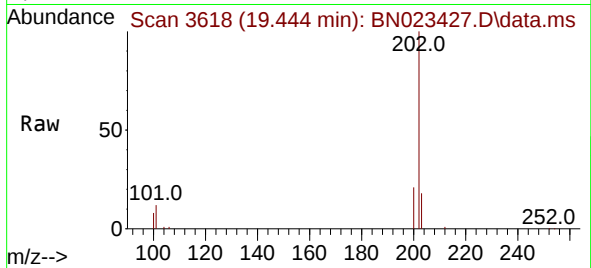
Tgt Ion:178 Resp: 22735
Ion Ratio Lower Upper
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179 16.0 12.6 18.8
176 19.4 15.4 23.0



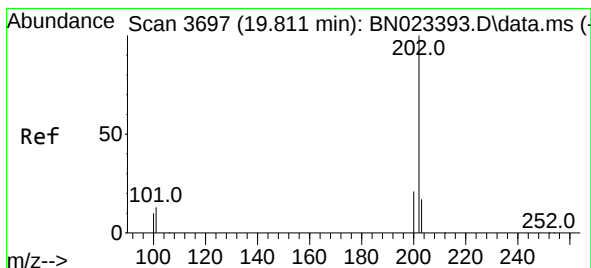
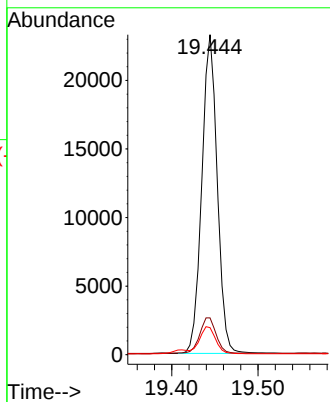
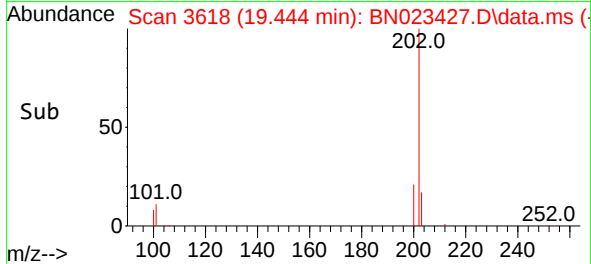


#19
Fluoranthene
Concen: 0.354 ng/ul
RT: 19.444 min Scan# 3618
Delta R.T. -0.005 min
Lab File: BN023427.D
Acq: 25 Dec 2022 01:01

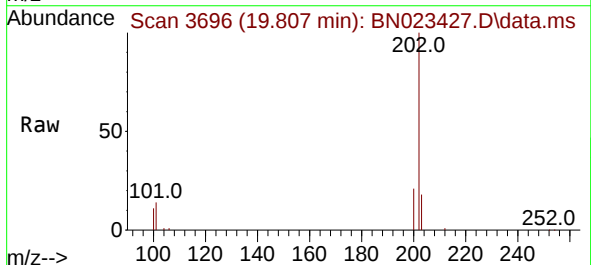
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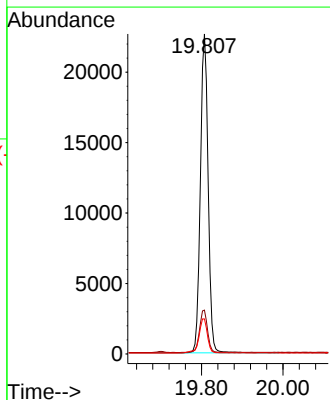
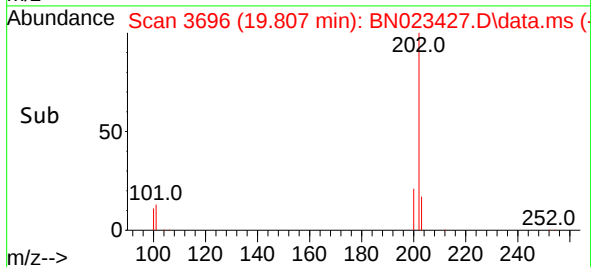
Tgt Ion:202 Resp: 28937
Ion Ratio Lower Upper
202 100
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100 8.5 7.0 10.6

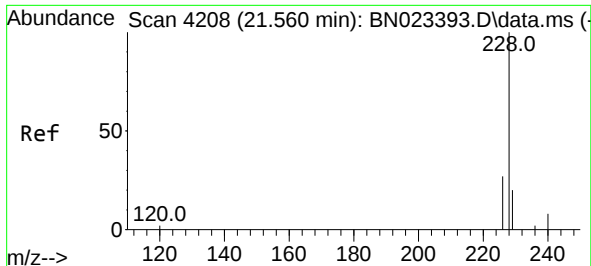


#20
Pyrene
Concen: 0.362 ng/ul
RT: 19.807 min Scan# 3696
Delta R.T. -0.005 min
Lab File: BN023427.D
Acq: 25 Dec 2022 01:01



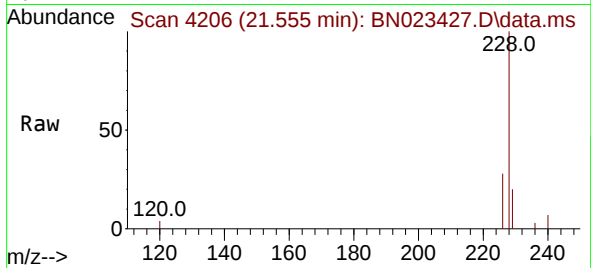
Tgt Ion:202 Resp: 29806
Ion Ratio Lower Upper
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101 13.7 11.3 16.9
100 11.0 9.0 13.4



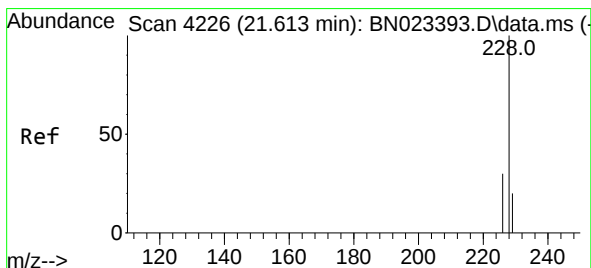
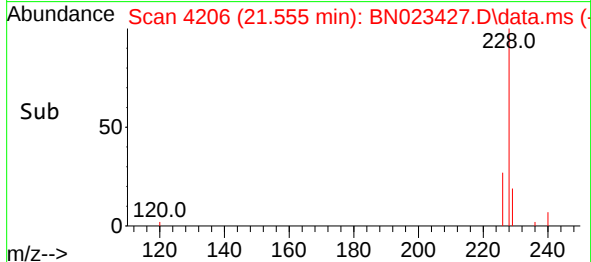
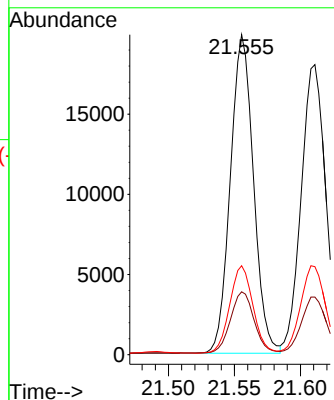


#21
Benzo(a)anthracene
Concen: 0.370 ng/ul
RT: 21.555 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN023427.D
Acq: 25 Dec 2022 01:01

Instrument :
BNA_N
ClientSampleId :

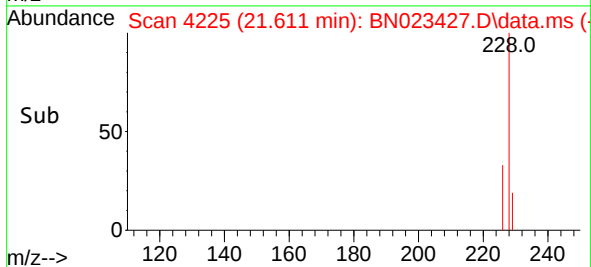
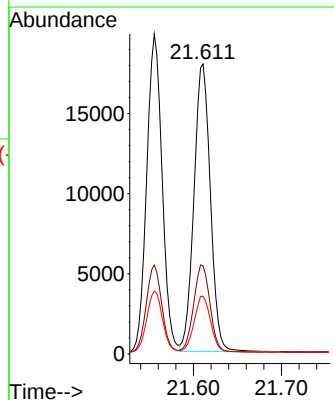
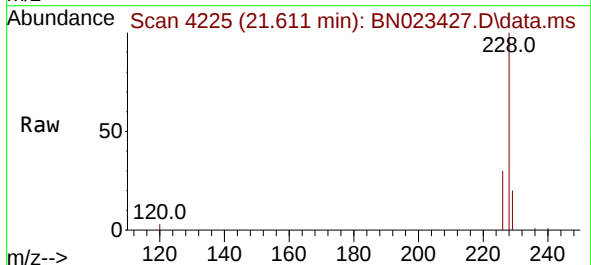


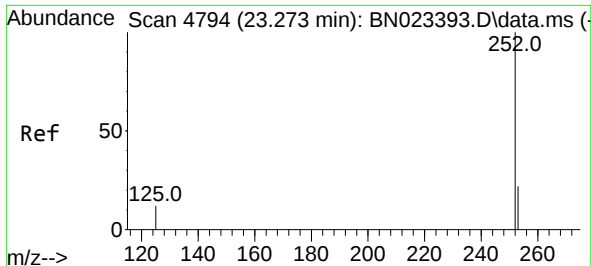
Tgt Ion:228 Resp: 24225
Ion Ratio Lower Upper
228 100
229 19.7 15.6 23.4
226 27.8 22.2 33.2



#22
Chrysene
Concen: 0.350 ng/ul
RT: 21.611 min Scan# 4225
Delta R.T. -0.006 min
Lab File: BN023427.D
Acq: 25 Dec 2022 01:01

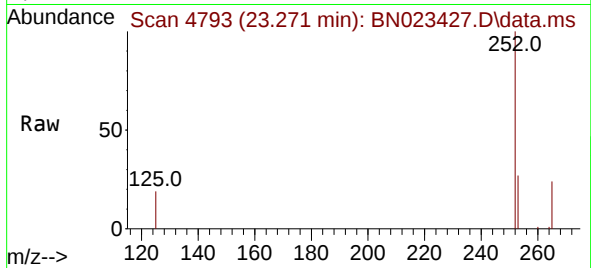
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Ion Ratio Lower Upper
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226 30.3 24.3 36.5
229 19.9 15.8 23.6



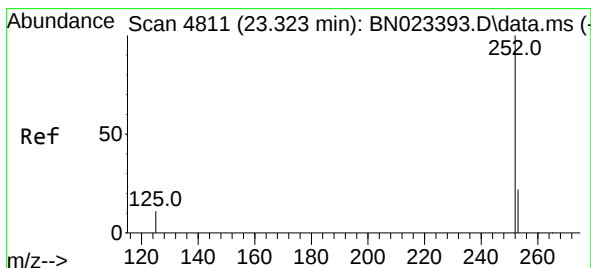
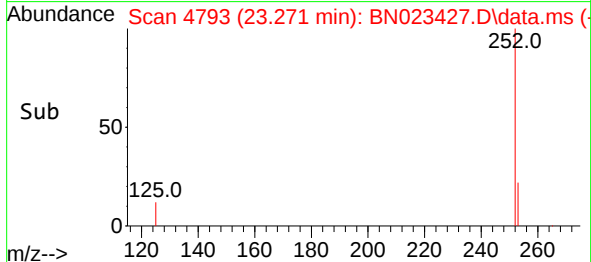
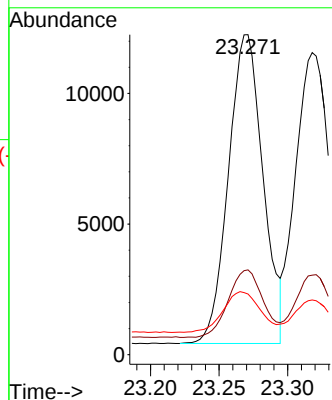


#24
Benzo(b)fluoranthene
Concen: 0.298 ng/ul
RT: 23.271 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN023427.D
Acq: 25 Dec 2022 01:01

Instrument :
BNA_N
ClientSampleId :

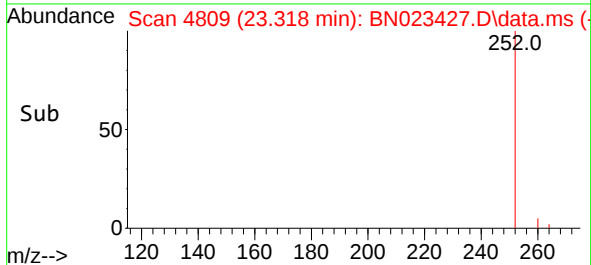
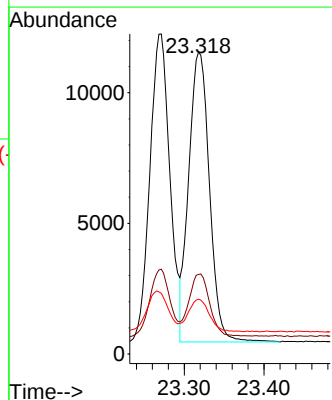
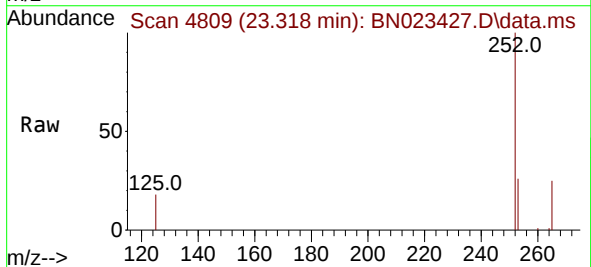


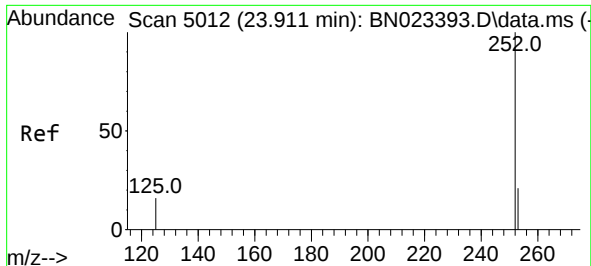
Tgt Ion:252 Resp: 20725
Ion Ratio Lower Upper
252 100
253 26.5 0.0 49.2
125 19.0 0.0 31.8



#25
Benzo(k)fluoranthene
Concen: 0.307 ng/ul
RT: 23.318 min Scan# 4809
Delta R.T. -0.006 min
Lab File: BN023427.D
Acq: 25 Dec 2022 01:01

Tgt Ion:252 Resp: 19998
Ion Ratio Lower Upper
252 100
253 26.3 19.8 29.6
125 18.1 12.6 18.8

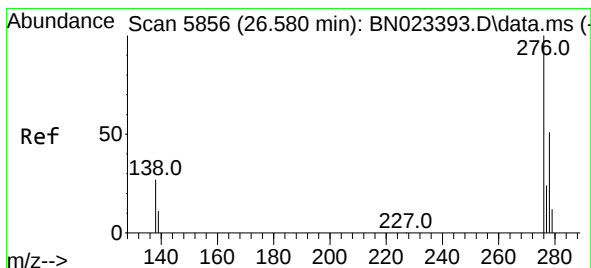
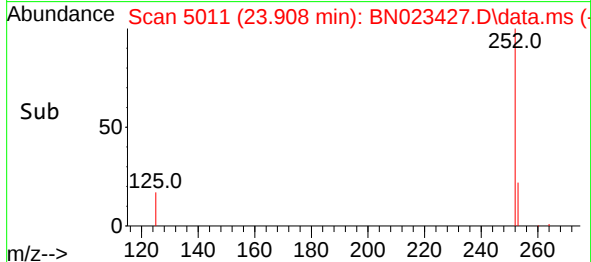
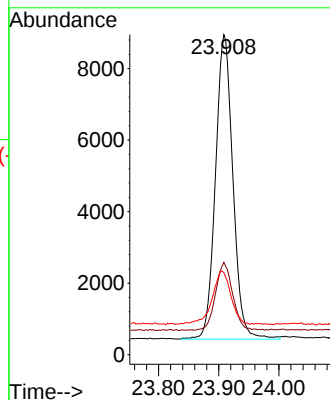
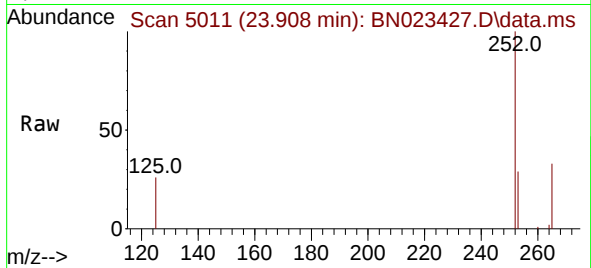




#26
Benzo(a)pyrene
Concen: 0.312 ng/ul
RT: 23.908 min Scan# 5012
Delta R.T. -0.006 min
Lab File: BN023427.D
Acq: 25 Dec 2022 01:01

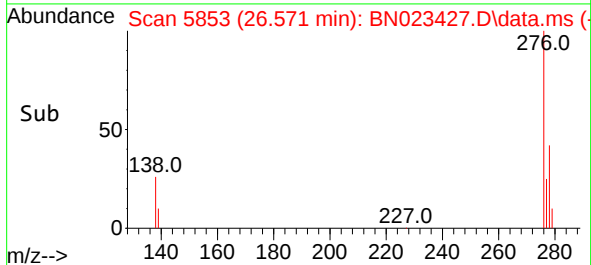
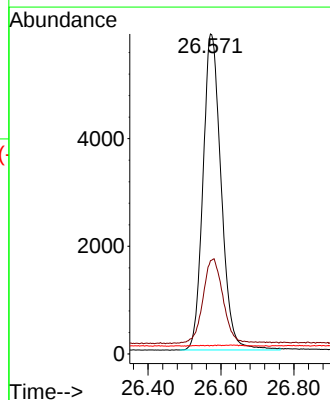
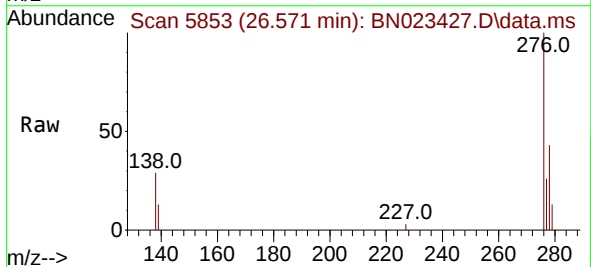
Instrument :
BNA_N
ClientSampleId :

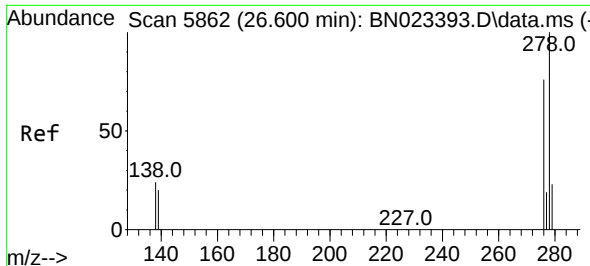
Tgt Ion:252 Resp: 17142
Ion Ratio Lower Upper
252 100
253 28.9 21.4 32.2
125 25.6 16.2 24.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.316 ng/ul
RT: 26.571 min Scan# 5853
Delta R.T. -0.007 min
Lab File: BN023427.D
Acq: 25 Dec 2022 01:01

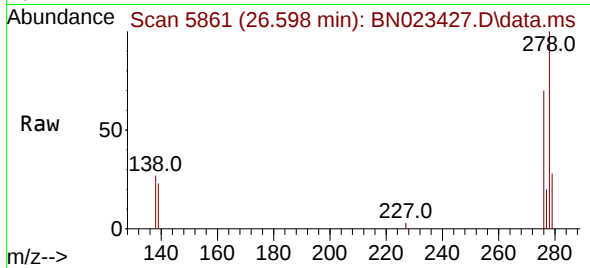
Tgt Ion:276 Resp: 20301
Ion Ratio Lower Upper
276 100
138 29.4 23.4 35.2
227 0.0 0.0 0.0#



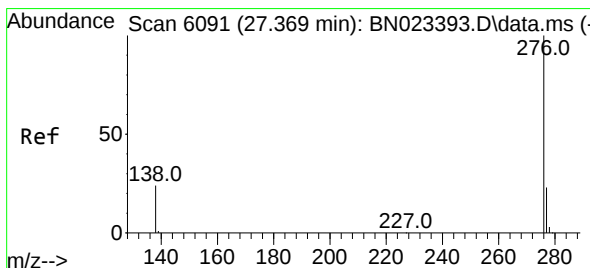
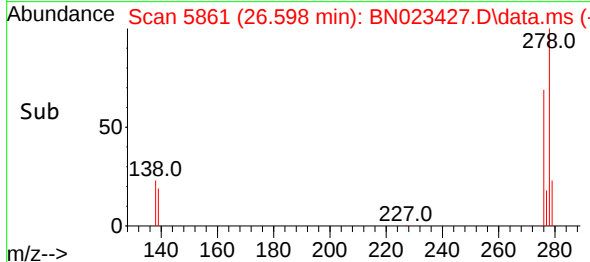
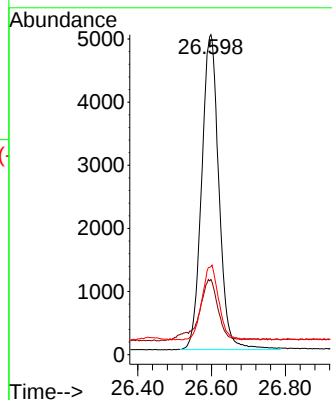


#28
 Dibenzo(a,h)anthracene
 Concen: 0.325 ng/ul
 RT: 26.598 min Scan# 5861
 Delta R.T. -0.003 min
 Lab File: BN023427.D
 Acq: 25 Dec 2022 01:01

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:278 Resp: 16183
 Ion Ratio Lower Upper
 278 100
 139 23.5 16.6 24.8
 279 27.5 21.3 31.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.323 ng/ul
 RT: 27.366 min Scan# 6090
 Delta R.T. -0.003 min
 Lab File: BN023427.D
 Acq: 25 Dec 2022 01:01

Tgt Ion:276 Resp: 16899
 Ion Ratio Lower Upper
 276 100
 138 28.5 20.3 30.5
 277 25.6 19.7 29.5

