

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023445.D
 Acq On : 25 Dec 2022 12:22
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 26 01:23:21 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 : Sun Dec 25 05:17:59 2022
 Response via : Initial Calibration

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

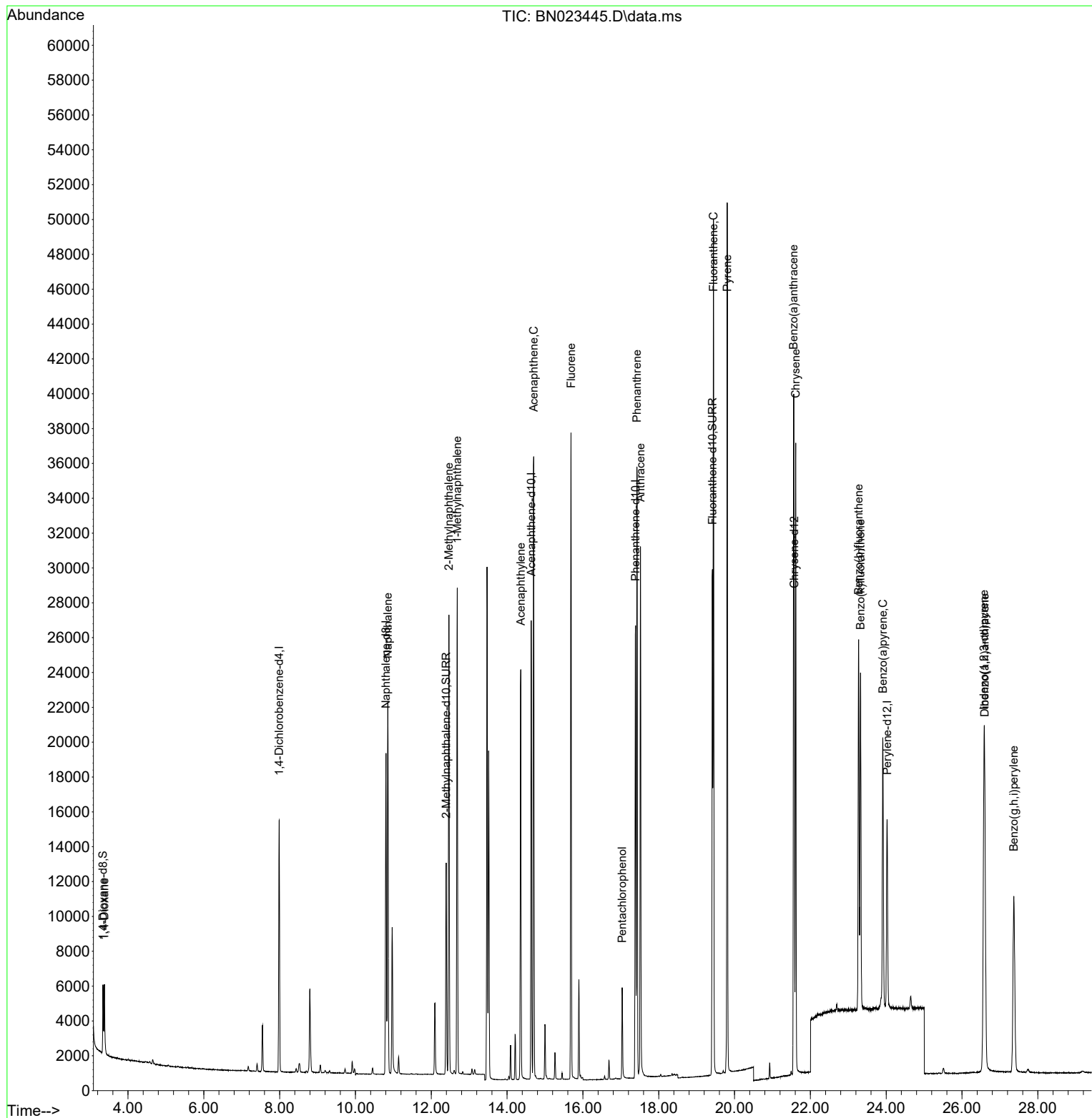
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.989	152	7247	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	24017	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.637	164	13603	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.387	188	29326	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	18898	0.400	ng/ul	0.00
23) Perylene-d12	24.022	264	15197	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	2671	0.339	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	14994	0.404	ng/ul	0.00
18) Fluoranthene-d10	19.416	212	30985	0.453	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.378	88	2762	0.343	ng/ul#	93
5) Naphthalene	10.854	128	28056	0.398	ng/ul	100
7) 2-Methylnaphthalene	12.465	142	17986	0.399	ng/ul	100
8) 1-Methylnaphthalene	12.685	142	18460	0.397	ng/ul	100
10) Acenaphthylene	14.359	152	25741	0.427	ng/ul	99
11) Acenaphthene	14.702	153	20081	0.395	ng/ul	98
12) Fluorene	15.687	166	22365	0.392	ng/ul	99
14) Pentachlorophenol	17.036	266	3455	0.425	ng/ul	100
15) Phenanthrene	17.425	178	36473	0.382	ng/ul	100
16) Anthracene	17.518	178	32723	0.413	ng/ul	100
19) Fluoranthene	19.444	202	40331	0.440	ng/ul	99
20) Pyrene	19.807	202	40500	0.438	ng/ul	100
21) Benzo(a)anthracene	21.558	228	31605	0.430	ng/ul	99
22) Chrysene	21.614	228	30253	0.404	ng/ul	100
24) Benzo(b)fluoranthene	23.274	252	27183	0.346	ng/ul	99
25) Benzo(k)fluoranthene	23.324	252	25957	0.352	ng/ul	99
26) Benzo(a)pyrene	23.911	252	22834	0.367	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.578	276	27281	0.376	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.598	278	21725	0.386	ng/ul	99
29) Benzo(g,h,i)perylene	27.366	276	22683	0.383	ng/ul	98

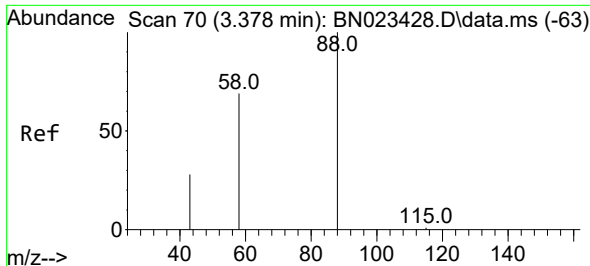
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 26 01:23:21 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 : Sun Dec 25 05:17:59 2022
Response via : Initial Calibration

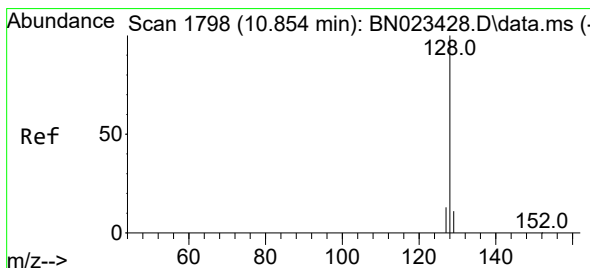
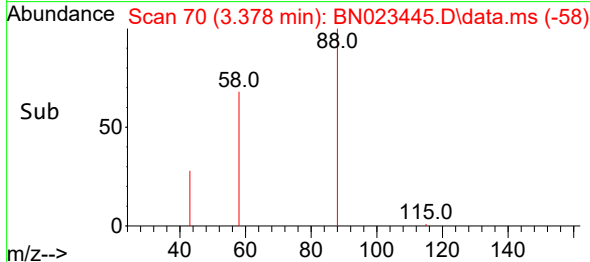
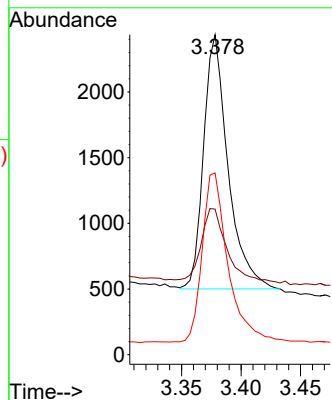
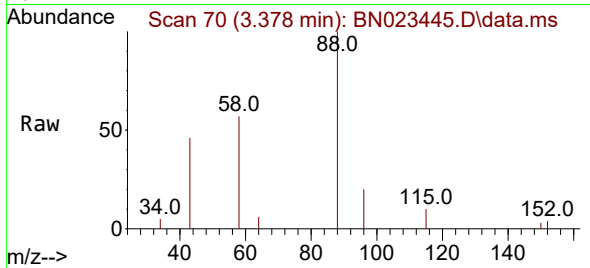




#2
1,4-Dioxane
Concen: 0.343 ng/ul
RT: 3.378 min Scan# 70
Delta R.T. 0.000 min
Lab File: BN023445.D
Acq: 25 Dec 2022 12:22

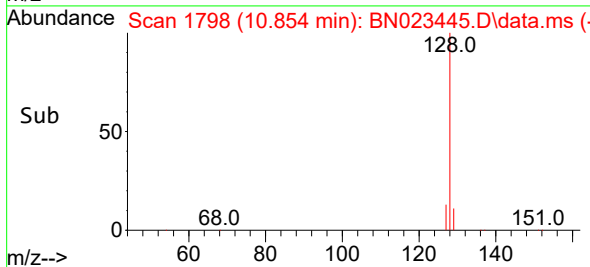
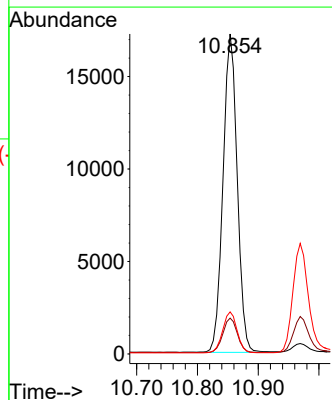
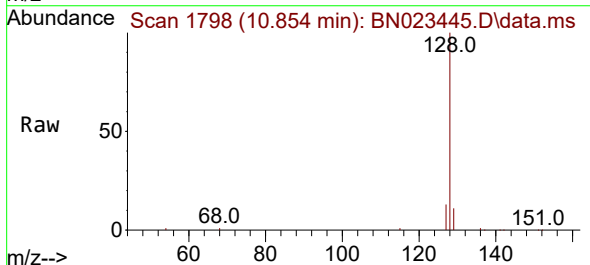
Instrument :
BNA_N
ClientSampleId :

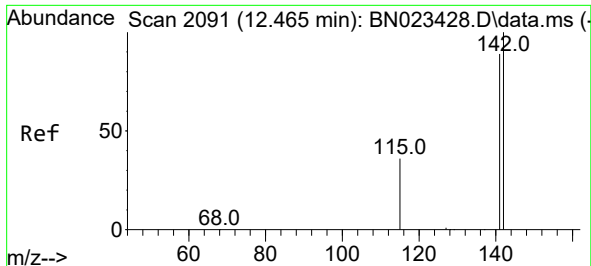
Tgt Ion: 88 Resp: 2762
Ion Ratio Lower Upper
88 100
43 45.5 28.4 42.6#
58 56.8 45.6 68.4



#5
Naphthalene
Concen: 0.398 ng/ul
RT: 10.854 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BN023445.D
Acq: 25 Dec 2022 12:22

Tgt Ion: 128 Resp: 28056
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.1 10.7 16.1

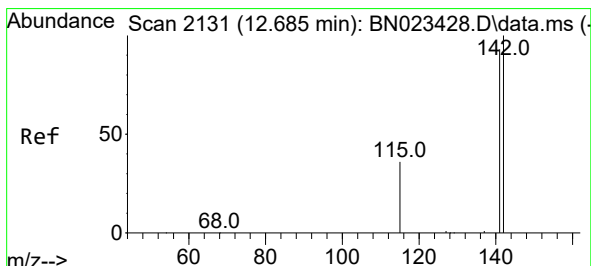
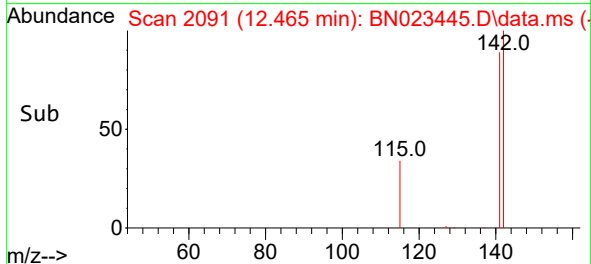
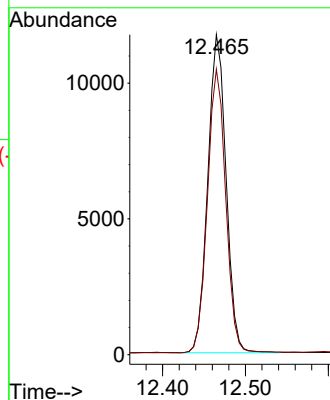
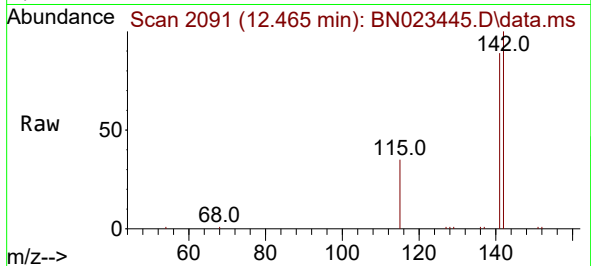




#7
2-Methylnaphthalene
Concen: 0.399 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BN023445.D
Acq: 25 Dec 2022 12:22

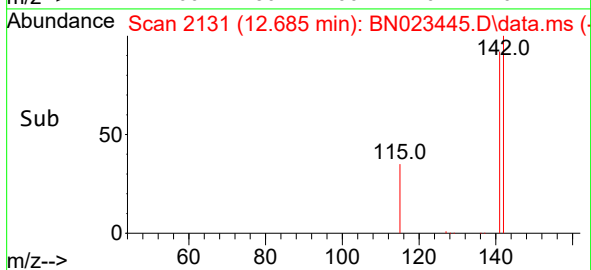
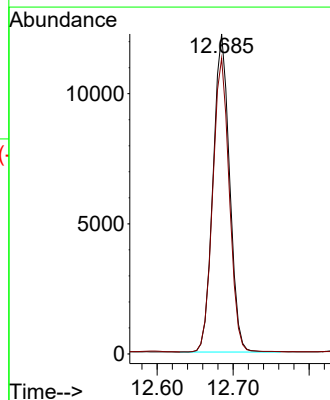
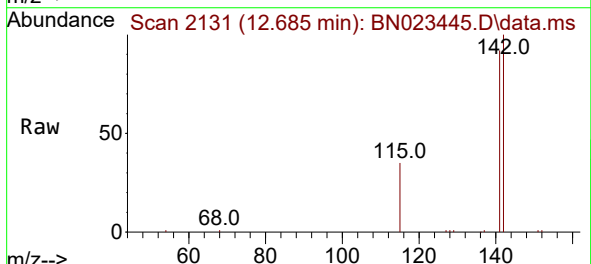
Instrument :
BNA_N
ClientSampleId :

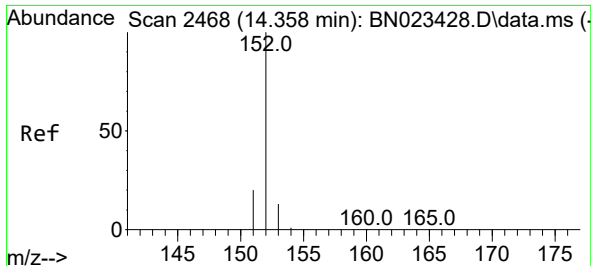
Tgt Ion:142 Resp: 17986
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.397 ng/ul
RT: 12.685 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BN023445.D
Acq: 25 Dec 2022 12:22

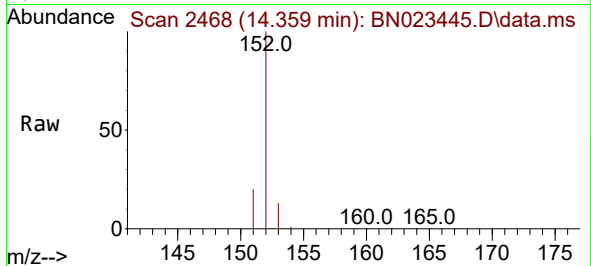
Tgt Ion:142 Resp: 18460
Ion Ratio Lower Upper
142 100
141 92.4 74.0 111.0



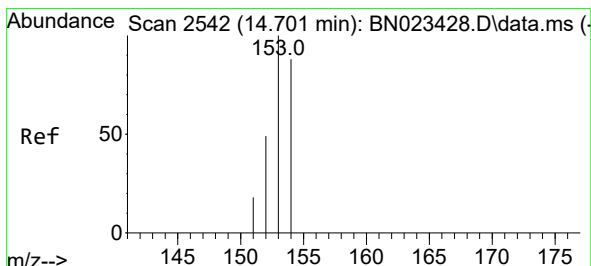
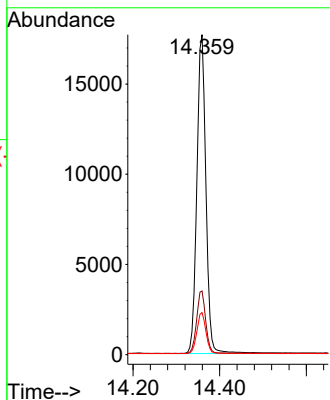
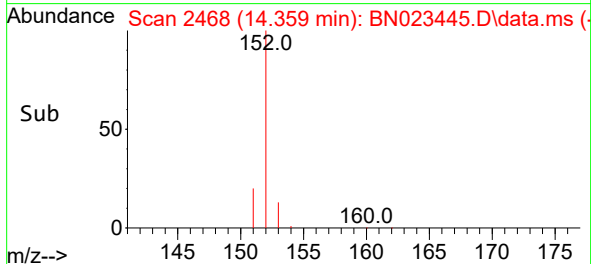


#10
Acenaphthylene
Concen: 0.427 ng/ul
RT: 14.359 min Scan# 2468
Delta R.T. 0.001 min
Lab File: BN023445.D
Acq: 25 Dec 2022 12:22

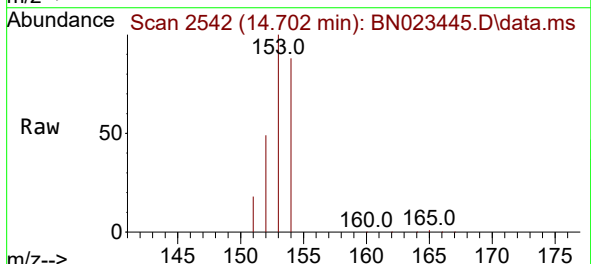
Instrument :
BNA_N
ClientSampleId :



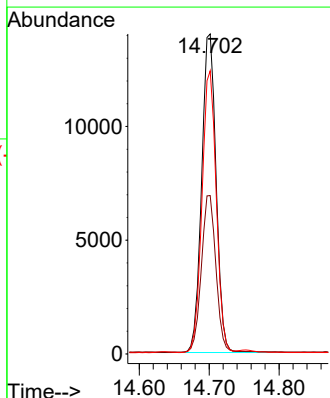
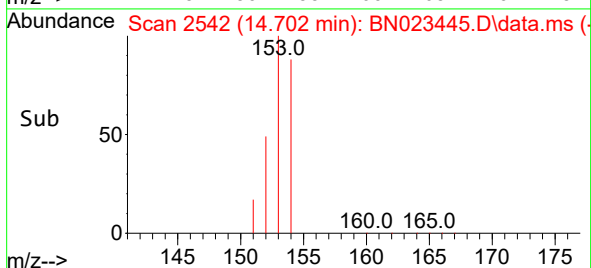
Tgt Ion:152 Resp: 25741
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.2 10.9 16.3

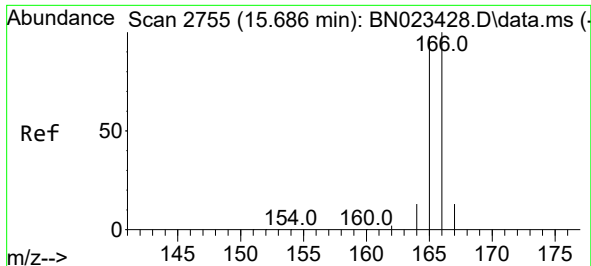


#11
Acenaphthene
Concen: 0.395 ng/ul
RT: 14.702 min Scan# 2542
Delta R.T. 0.001 min
Lab File: BN023445.D
Acq: 25 Dec 2022 12:22



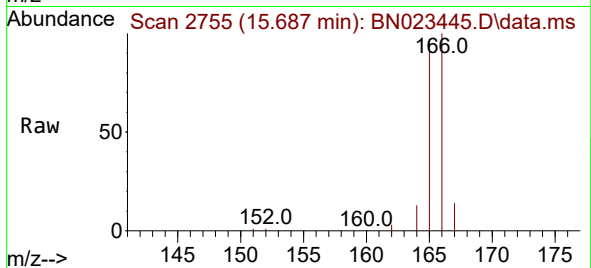
Tgt Ion:153 Resp: 20081
Ion Ratio Lower Upper
153 100
152 49.5 41.0 61.4
154 88.5 69.5 104.3



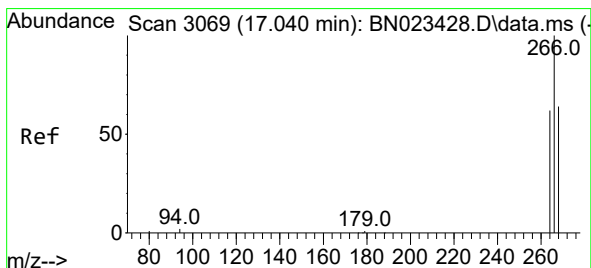
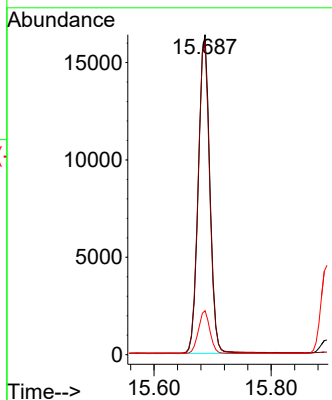
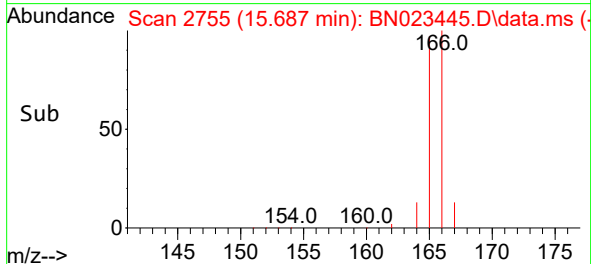


#12
Fluorene
Concen: 0.392 ng/ul
RT: 15.687 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN023445.D
Acq: 25 Dec 2022 12:22

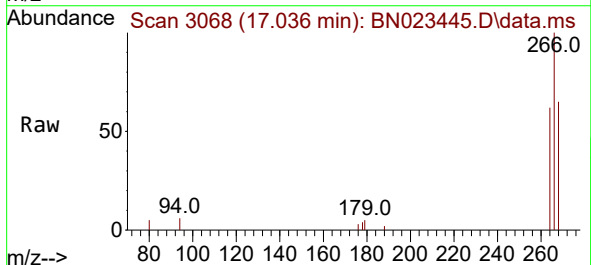
Instrument :
BNA_N
ClientSampleId :



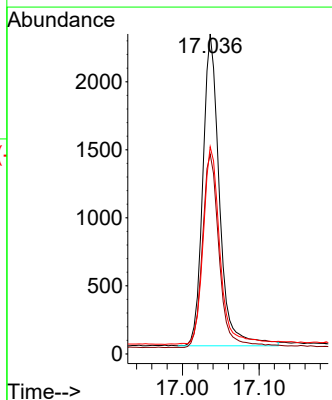
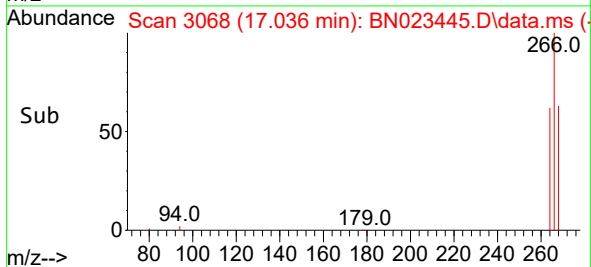
Tgt Ion:166 Resp: 22365
Ion Ratio Lower Upper
166 100
165 97.4 79.1 118.7
167 13.8 11.0 16.4

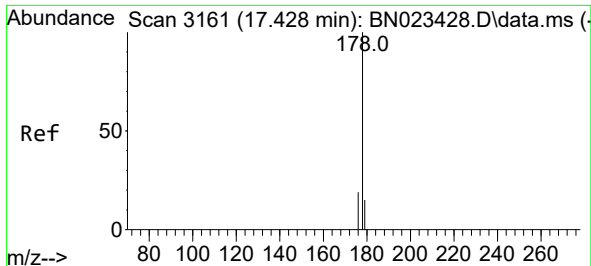


#14
Pentachlorophenol
Concen: 0.425 ng/ul
RT: 17.036 min Scan# 3068
Delta R.T. -0.003 min
Lab File: BN023445.D
Acq: 25 Dec 2022 12:22



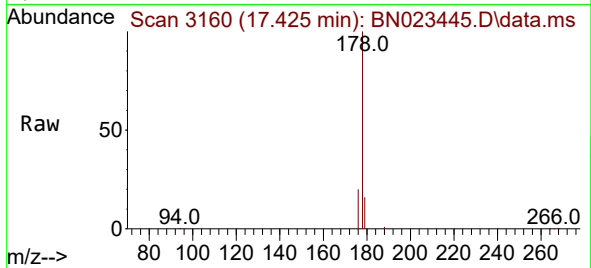
Tgt Ion:266 Resp: 3455
Ion Ratio Lower Upper
266 100
264 62.6 49.8 74.6
268 64.0 51.4 77.0



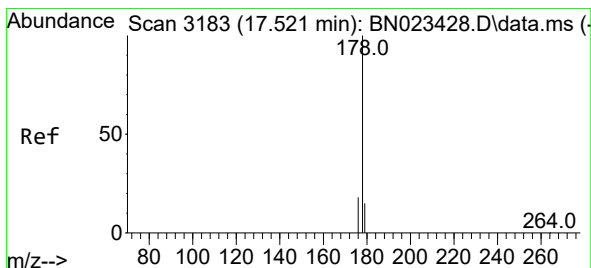
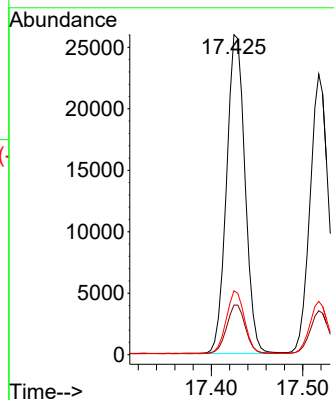


#15
Phenanthrene
Concen: 0.382 ng/ul
RT: 17.425 min Scan# 3160
Delta R.T. -0.003 min
Lab File: BN023445.D
Acq: 25 Dec 2022 12:22

Instrument :
BNA_N
ClientSampleId :

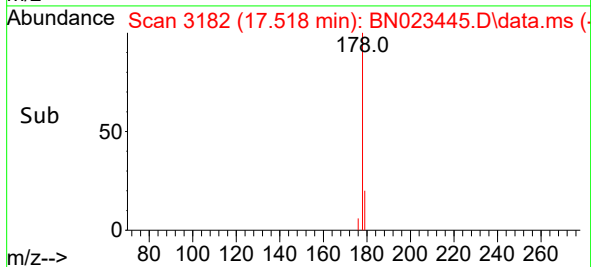
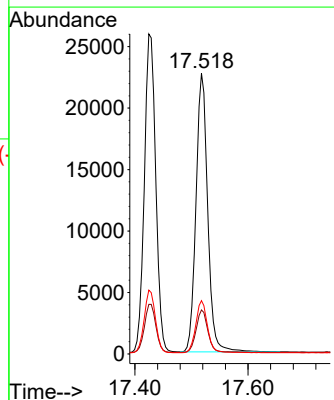
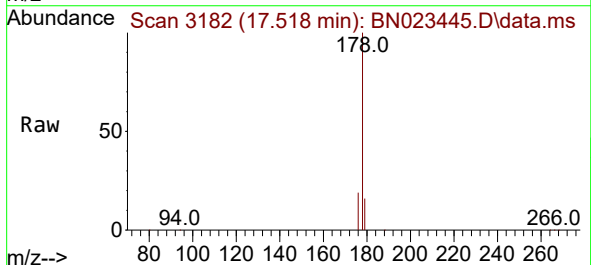


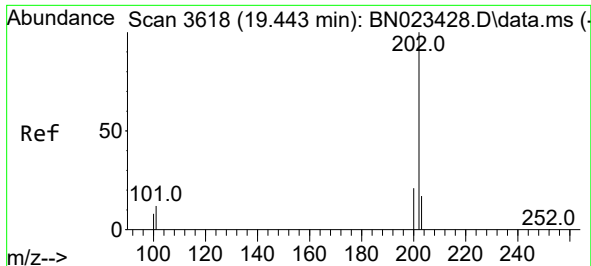
Tgt Ion:178 Resp: 36473
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 19.9 15.7 23.5



#16
Anthracene
Concen: 0.413 ng/ul
RT: 17.518 min Scan# 3182
Delta R.T. -0.003 min
Lab File: BN023445.D
Acq: 25 Dec 2022 12:22

Tgt Ion:178 Resp: 32723
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.0 15.4 23.0

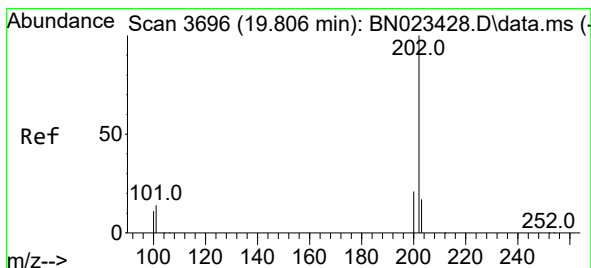
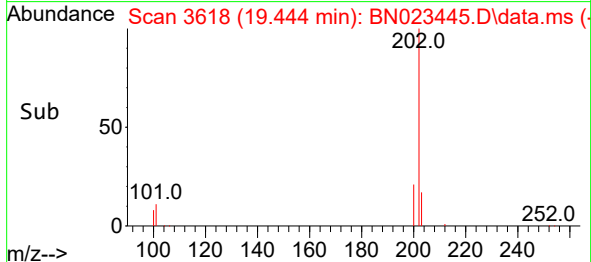
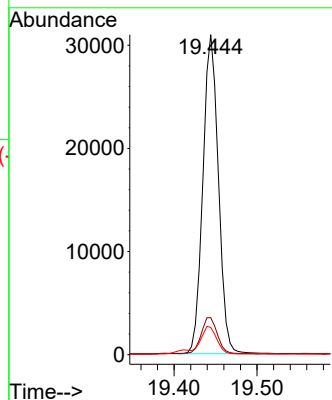
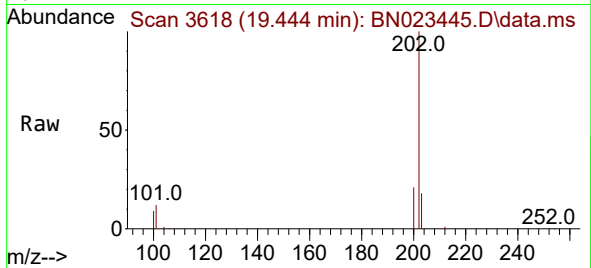




#19
Fluoranthene
Concen: 0.440 ng/ul
RT: 19.444 min Scan# 3618
Delta R.T. 0.001 min
Lab File: BN023445.D
Acq: 25 Dec 2022 12:22

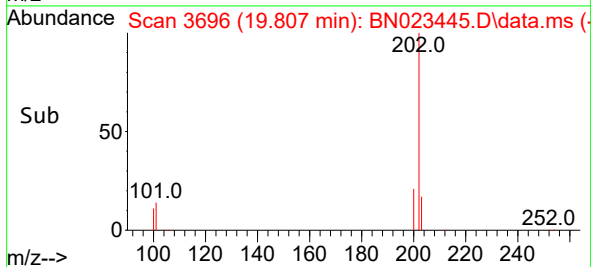
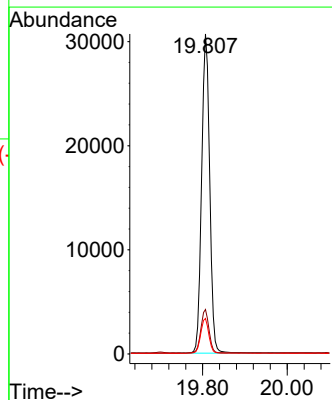
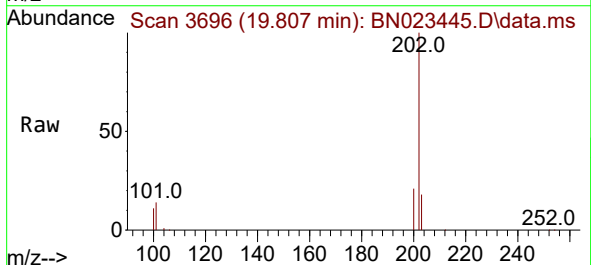
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BNA_N
ClientSampleId :

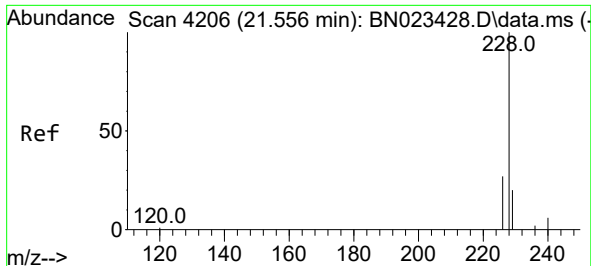
Tgt Ion:202 Resp: 40331
Ion Ratio Lower Upper
202 100
101 11.6 9.4 14.2
100 8.5 7.0 10.6



#20
Pyrene
Concen: 0.438 ng/ul
RT: 19.807 min Scan# 3696
Delta R.T. 0.001 min
Lab File: BN023445.D
Acq: 25 Dec 2022 12:22

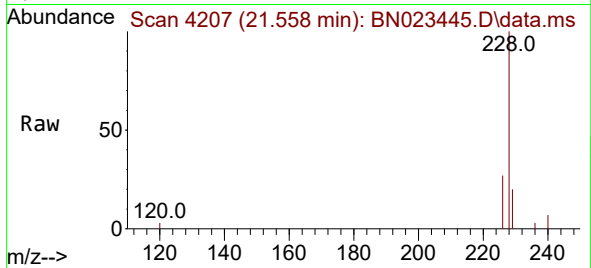
Tgt Ion:202 Resp: 40500
Ion Ratio Lower Upper
202 100
101 13.9 11.3 16.9
100 11.1 9.0 13.4



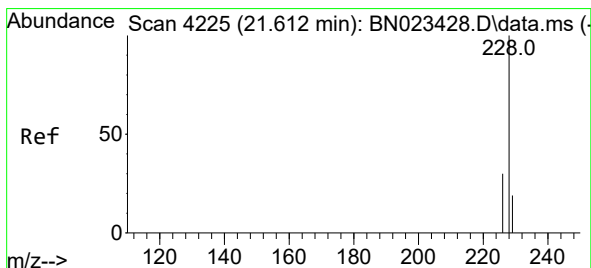
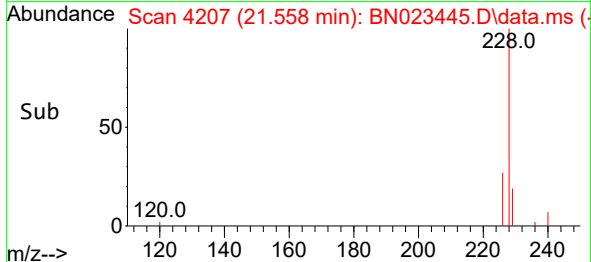
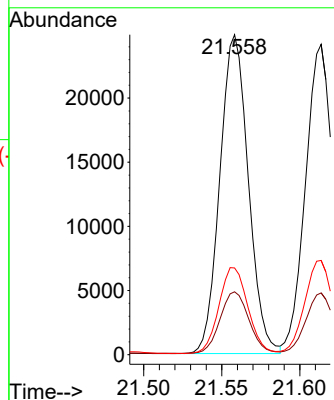


#21
Benzo(a)anthracene
Concen: 0.430 ng/ul
RT: 21.558 min Scan# 41
Delta R.T. 0.002 min
Lab File: BN023445.D
Acq: 25 Dec 2022 12:22

Instrument :
BNA_N
ClientSampleId :

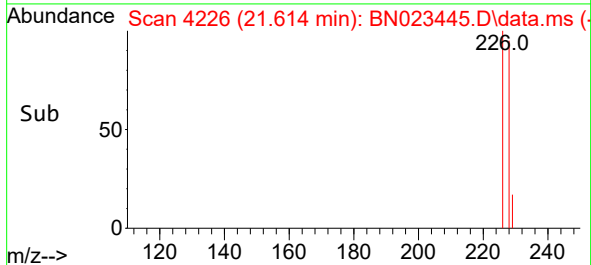
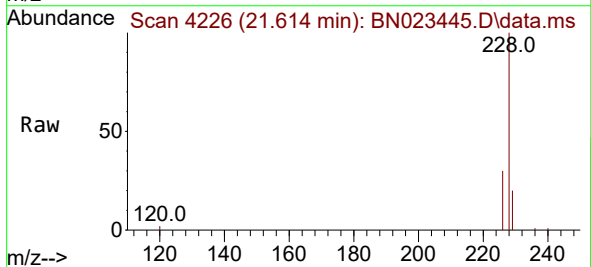
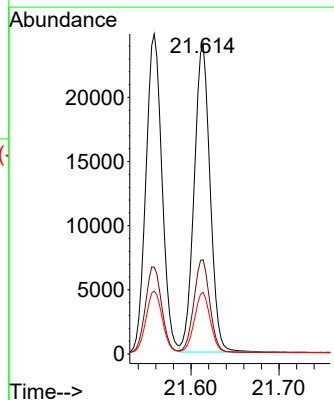


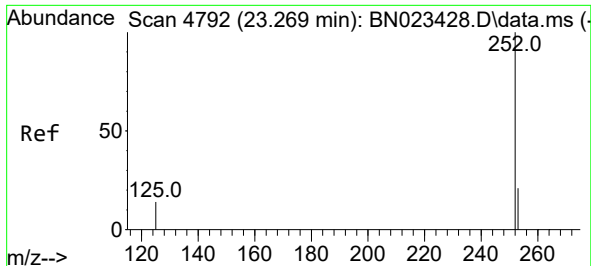
Tgt Ion:228 Resp: 31605
Ion Ratio Lower Upper
228 100
229 19.6 15.6 23.4
226 27.1 22.2 33.2



#22
Chrysene
Concen: 0.404 ng/ul
RT: 21.614 min Scan# 4226
Delta R.T. 0.002 min
Lab File: BN023445.D
Acq: 25 Dec 2022 12:22

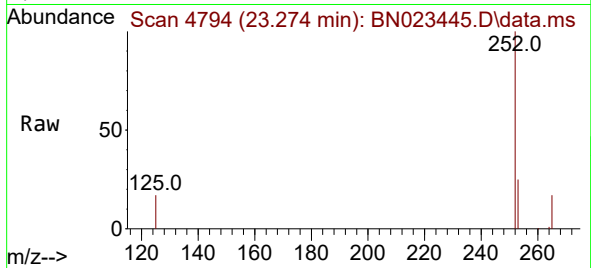
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Ion Ratio Lower Upper
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226 30.4 24.3 36.5
229 19.9 15.8 23.6



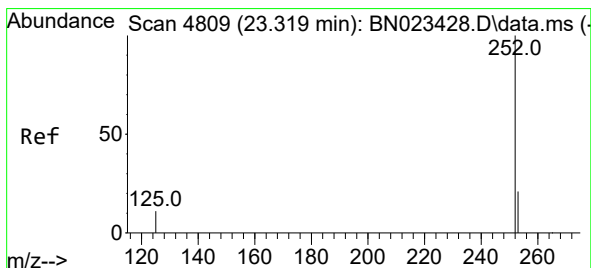
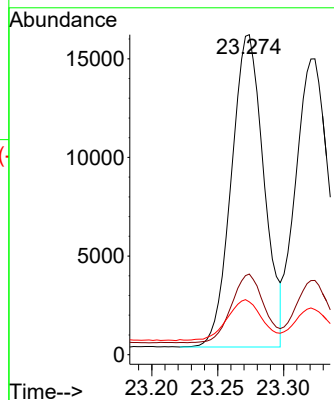


#24
Benzo(b)fluoranthene
Concen: 0.346 ng/ul
RT: 23.274 min Scan# 41
Delta R.T. 0.005 min
Lab File: BN023445.D
Acq: 25 Dec 2022 12:22

Instrument :
BNA_N
ClientSampleId :

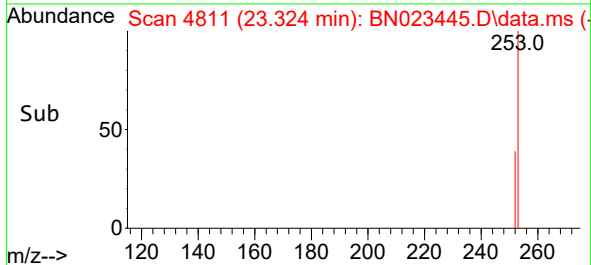
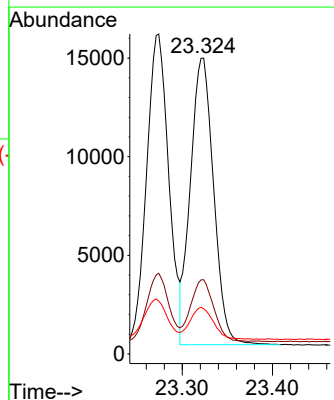
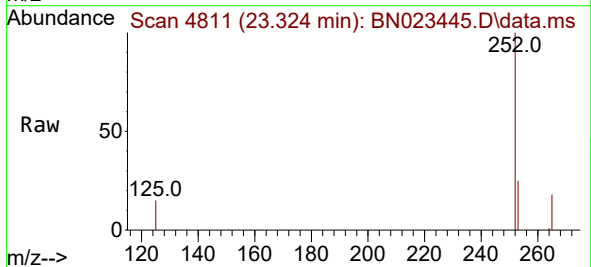


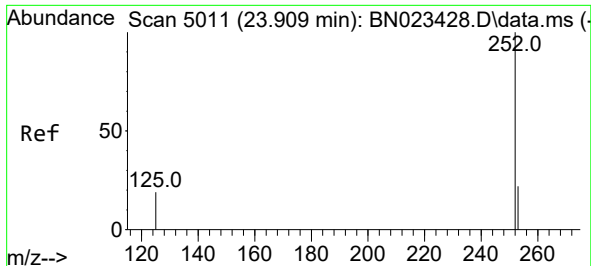
Tgt Ion:252 Resp: 27183
Ion Ratio Lower Upper
252 100
253 25.2 0.0 49.2
125 16.5 0.0 31.8



#25
Benzo(k)fluoranthene
Concen: 0.352 ng/ul
RT: 23.324 min Scan# 4811
Delta R.T. 0.005 min
Lab File: BN023445.D
Acq: 25 Dec 2022 12:22

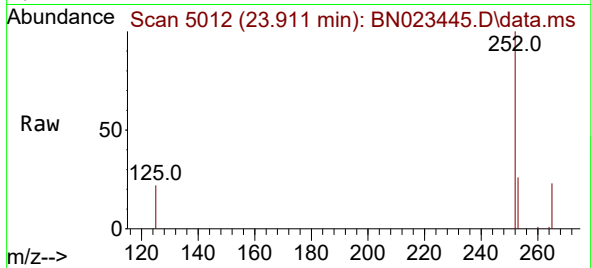
Tgt Ion:252 Resp: 25957
Ion Ratio Lower Upper
252 100
253 25.1 19.8 29.6
125 15.2 12.6 18.8



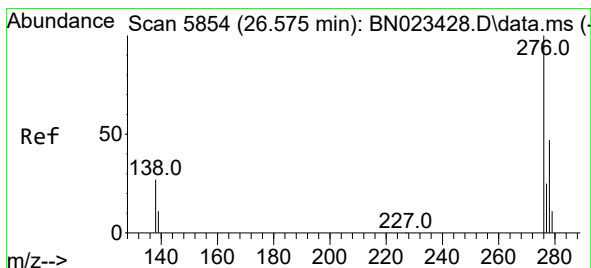
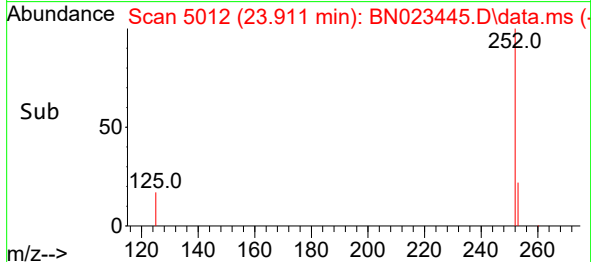
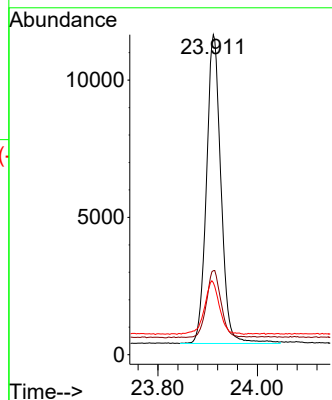


#26
Benzo(a)pyrene
Concen: 0.367 ng/ul
RT: 23.911 min Scan# 5011
Delta R.T. 0.002 min
Lab File: BN023445.D
Acq: 25 Dec 2022 12:22

Instrument :
BNA_N
ClientSampleId :

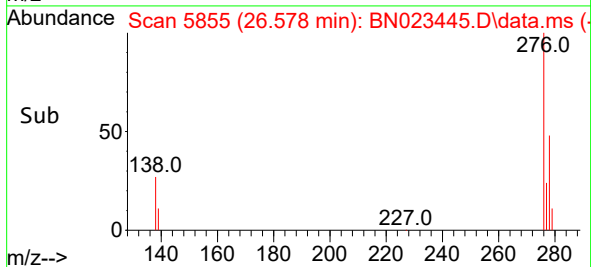
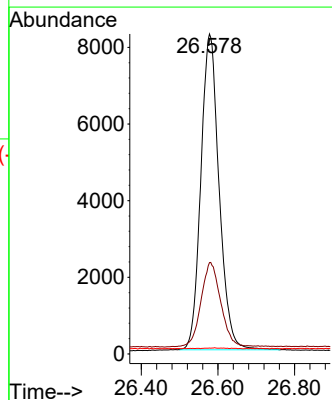
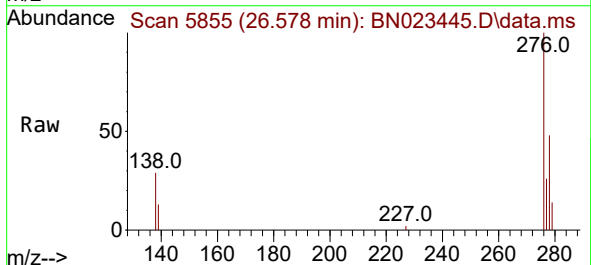


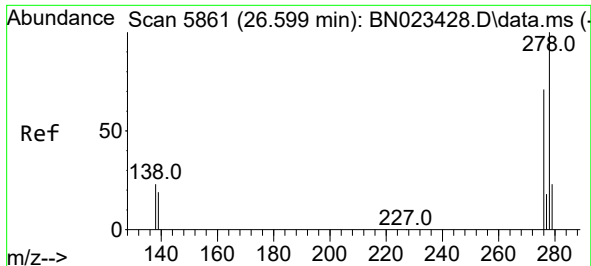
Tgt Ion:252 Resp: 22834
Ion Ratio Lower Upper
252 100
253 26.3 21.4 32.2
125 22.5 16.2 24.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.376 ng/ul
RT: 26.578 min Scan# 5855
Delta R.T. 0.003 min
Lab File: BN023445.D
Acq: 25 Dec 2022 12:22

Tgt Ion:276 Resp: 27281
Ion Ratio Lower Upper
276 100
138 28.8 23.4 35.2
227 0.1 0.0 0.0#



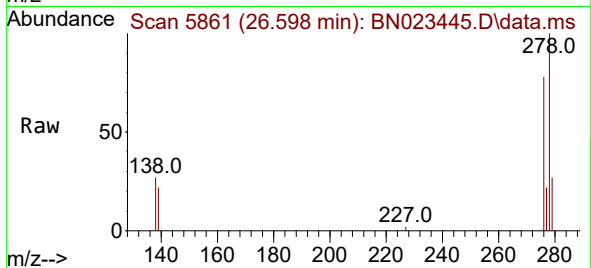


#28
 Dibenzo(a,h)anthracene
 Concen: 0.386 ng/ul
 RT: 26.598 min Scan# 5861
 Delta R.T. -0.001 min
 Lab File: BN023445.D
 Acq: 25 Dec 2022 12:22

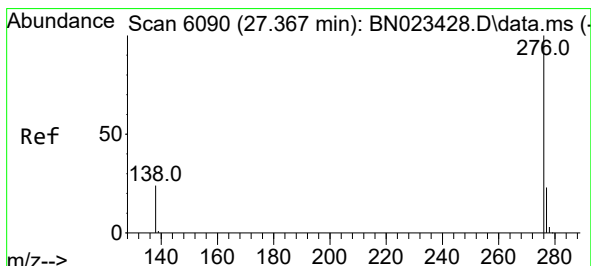
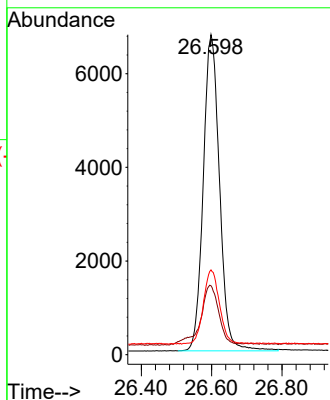
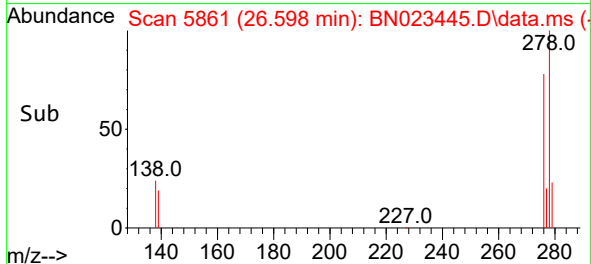
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:278 Resp: 21725
 Ion Ratio Lower Upper
 278 100
 139 21.6 16.6 24.8
 279 26.5 21.3 31.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.383 ng/ul
 RT: 27.366 min Scan# 6090
 Delta R.T. -0.001 min
 Lab File: BN023445.D
 Acq: 25 Dec 2022 12:22

Tgt Ion:276 Resp: 22683
 Ion Ratio Lower Upper
 276 100
 138 27.1 20.3 30.5
 277 25.0 19.7 29.5

