

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
 Data File : BN027475.D
 Acq On : 08 Sep 2023 12:37
 Operator : MA/JU
 Sample : PB155199BS
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 09 00:08:40 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 08 03:55:54 2023
 Response via : Initial Calibration

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

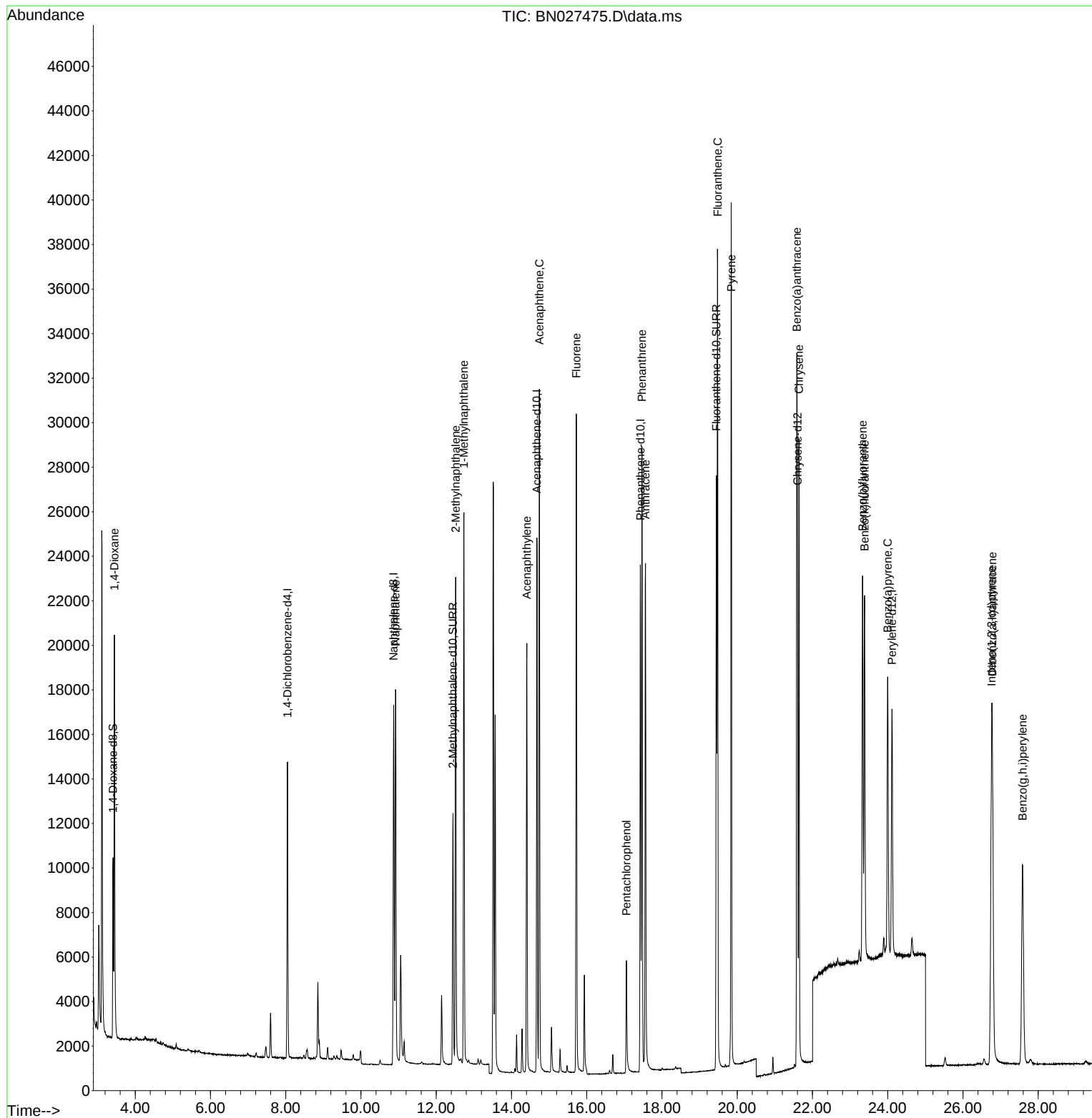
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	6841	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	23335	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.675	164	13353	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.426	188	27505	0.400	ng/ul	0.00
17) Chrysene-d12	21.600	240	17825	0.400	ng/ul	0.00
23) Perylene-d12	24.111	264	16468	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	5545	0.609	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	15196	0.429	ng/ul	0.00
18) Fluoranthene-d10	19.446	212	28922	0.474	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.443	88	13306	1.445	ng/ul#	84
5) Naphthalene	10.916	128	24002	0.355	ng/ul	99
7) 2-Methylnaphthalene	12.517	142	15688	0.370	ng/ul	99
8) 1-Methylnaphthalene	12.737	142	17008	0.377	ng/ul	99
10) Acenaphthylene	14.407	152	22415	0.367	ng/ul	99
11) Acenaphthene	14.740	153	17590	0.334	ng/ul	97
12) Fluorene	15.725	166	19529	0.331	ng/ul	98
14) Pentachlorophenol	17.054	266	3828	0.714	ng/ul	100
15) Phenanthrene	17.468	178	30583	0.341	ng/ul	99
16) Anthracene	17.561	178	26635	0.374	ng/ul	99
19) Fluoranthene	19.478	202	32770	0.400	ng/ul	97
20) Pyrene	19.841	202	32857	0.394	ng/ul	97
21) Benzo(a)anthracene	21.583	228	26341	0.410	ng/ul	100
22) Chrysene	21.641	228	26287	0.351	ng/ul	99
24) Benzo(b)fluoranthene	23.331	252	24359	0.313	ng/ul	97
25) Benzo(k)fluoranthene	23.383	252	24273	0.319	ng/ul	97
26) Benzo(a)pyrene	23.997	252	20713	0.341	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.760	276	25895	0.384	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.780	278	20799	0.403	ng/ul	99
29) Benzo(g,h,i)perylene	27.585	276	21843	0.359	ng/ul	97

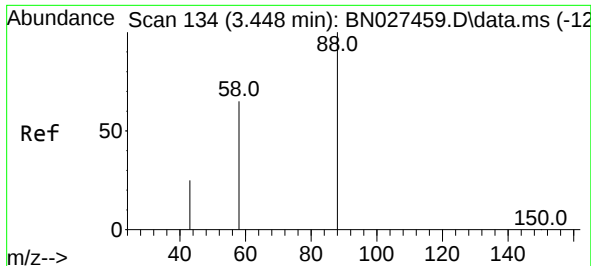
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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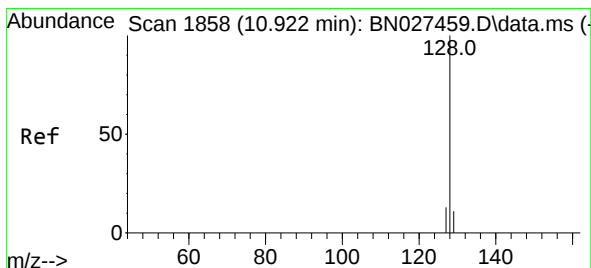
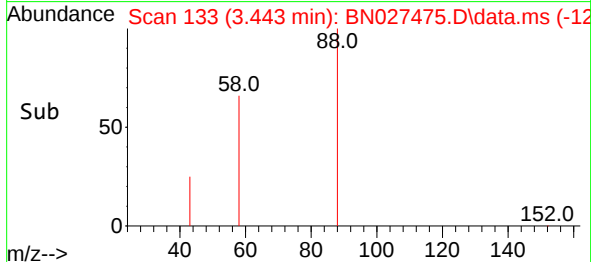
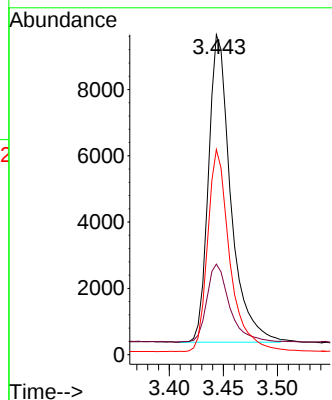
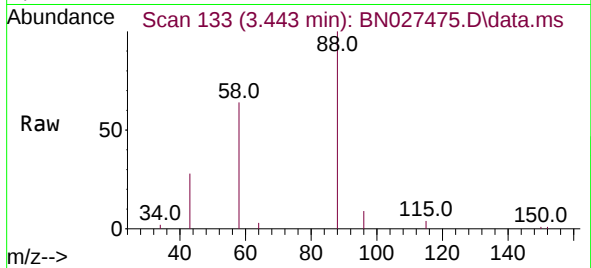




#2
1,4-Dioxane
Concen: 1.445 ng/ul
RT: 3.443 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027475.D
Acq: 08 Sep 2023 12:37

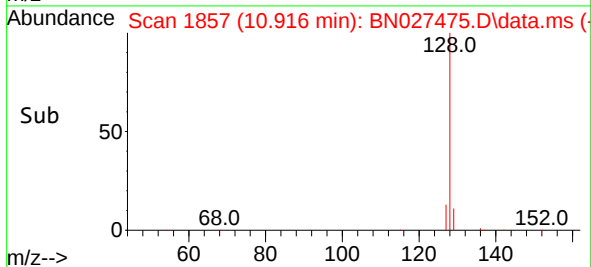
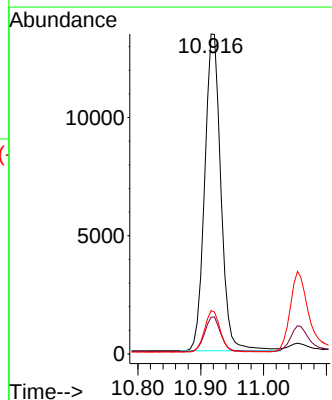
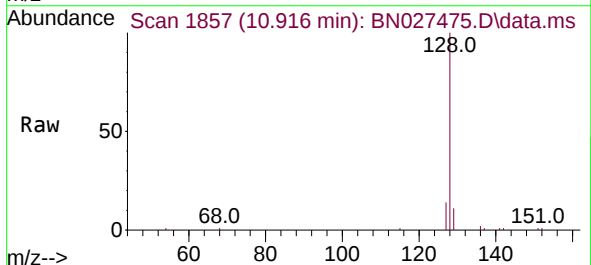
Instrument :
BNA_N
ClientSampleId :

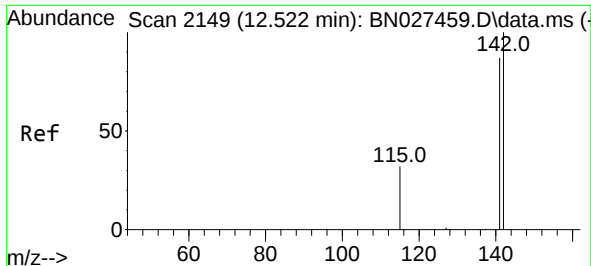
Tgt Ion: 88 Resp: 13306
Ion Ratio Lower Upper
88 100
43 28.3 26.8 40.2
58 64.1 39.9 59.9#



#5
Naphthalene
Concen: 0.355 ng/ul
RT: 10.916 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BN027475.D
Acq: 08 Sep 2023 12:37

Tgt Ion:128 Resp: 24002
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.5 10.6 16.0

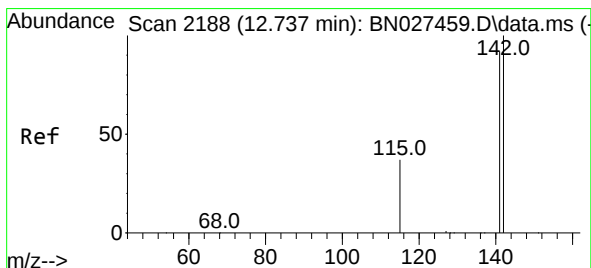
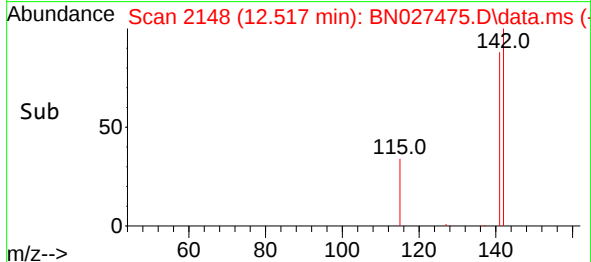
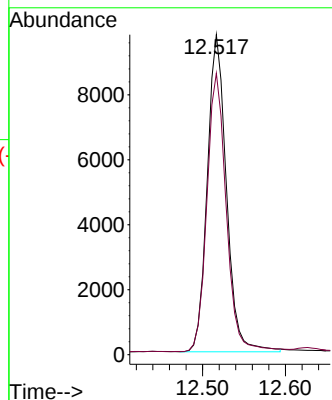
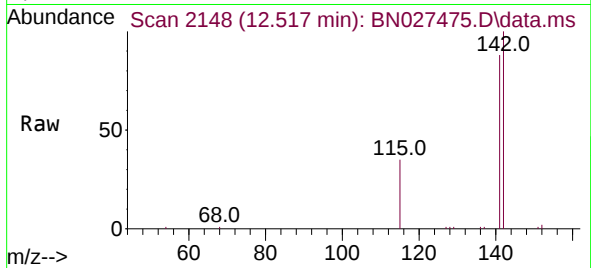




#7
2-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.517 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BN027475.D
Acq: 08 Sep 2023 12:37

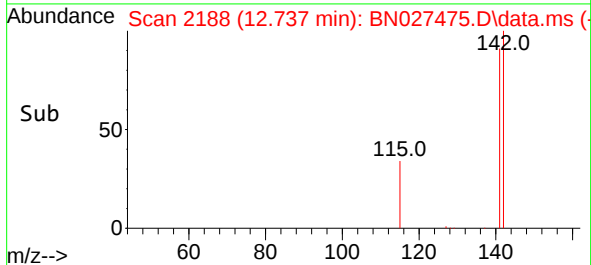
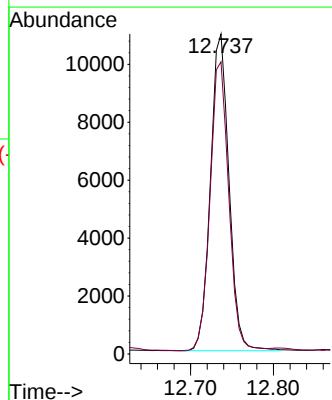
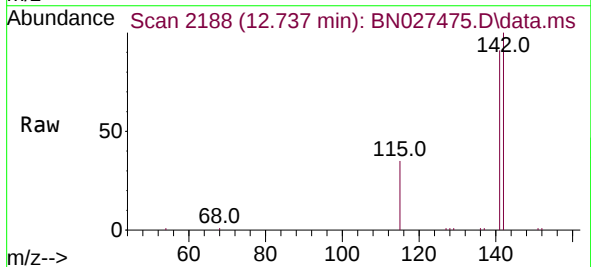
Instrument :
BNA_N
ClientSampleId :

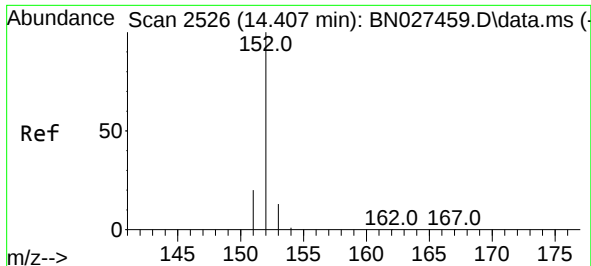
Tgt Ion:142 Resp: 15688
Ion Ratio Lower Upper
142 100
141 88.5 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.377 ng/ul
RT: 12.737 min Scan# 2188
Delta R.T. -0.000 min
Lab File: BN027475.D
Acq: 08 Sep 2023 12:37

Tgt Ion:142 Resp: 17008
Ion Ratio Lower Upper
142 100
141 91.9 73.0 109.4

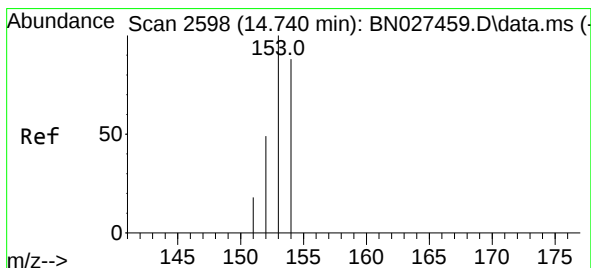
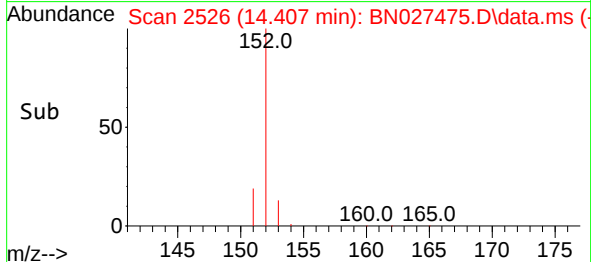
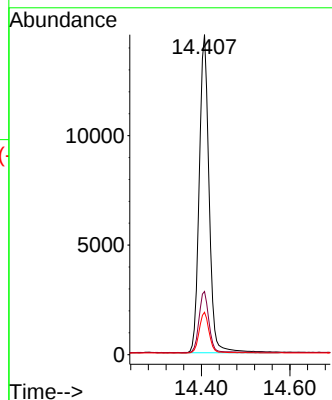
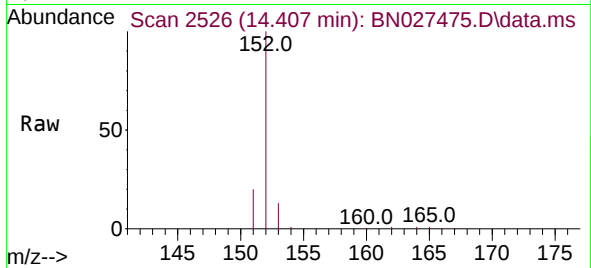




#10
Acenaphthylene
Concen: 0.367 ng/ul
RT: 14.407 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027475.D
Acq: 08 Sep 2023 12:37

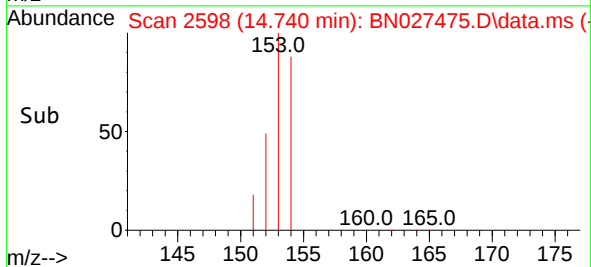
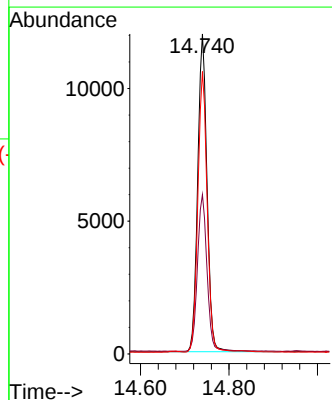
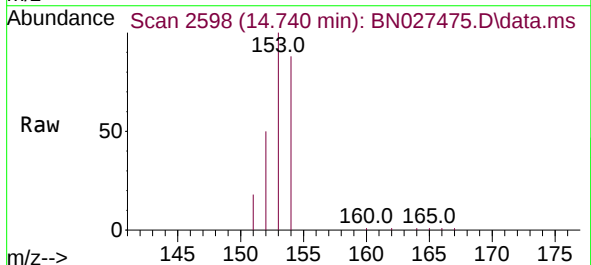
Instrument :
BNA_N
ClientSampleId :

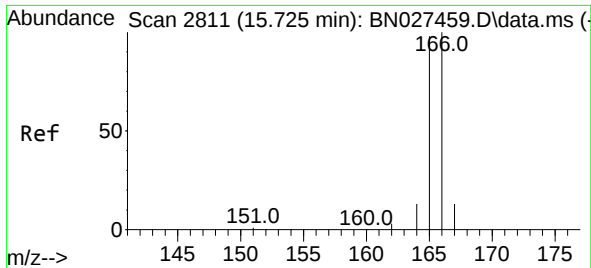
Tgt Ion:152 Resp: 22415
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.2 11.1 16.7



#11
Acenaphthene
Concen: 0.334 ng/ul
RT: 14.740 min Scan# 2598
Delta R.T. -0.000 min
Lab File: BN027475.D
Acq: 08 Sep 2023 12:37

Tgt Ion:153 Resp: 17590
Ion Ratio Lower Upper
153 100
152 49.8 42.9 64.3
154 88.3 69.4 104.0

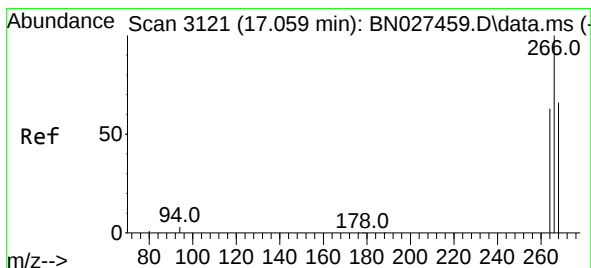
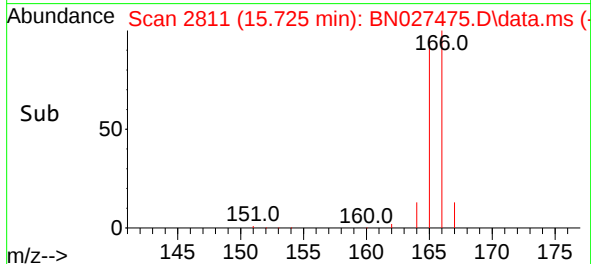
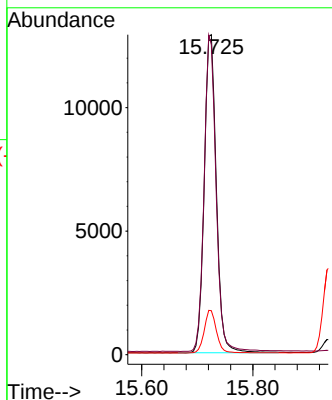
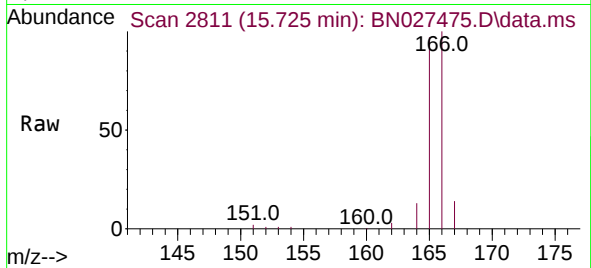




#12
Fluorene
Concen: 0.331 ng/ul
RT: 15.725 min Scan# 2811
Delta R.T. -0.000 min
Lab File: BN027475.D
Acq: 08 Sep 2023 12:37

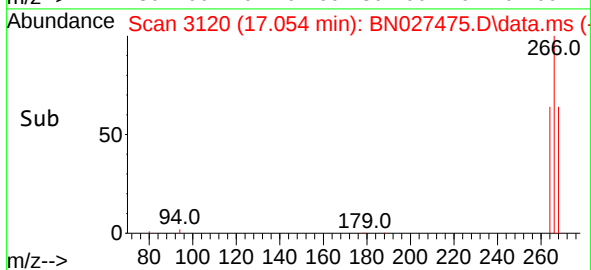
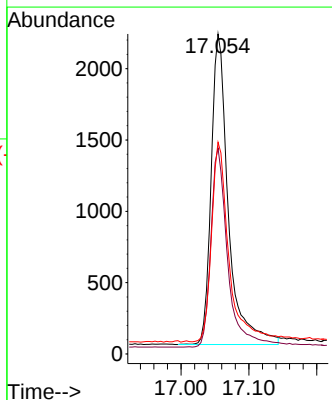
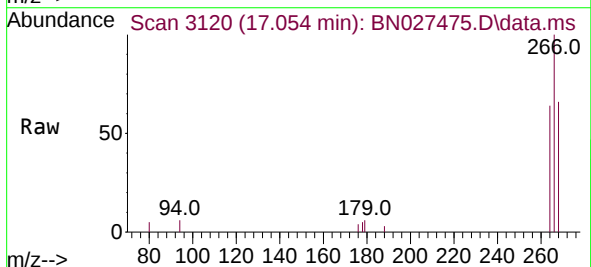
Instrument :
BNA_N
ClientSampleId :

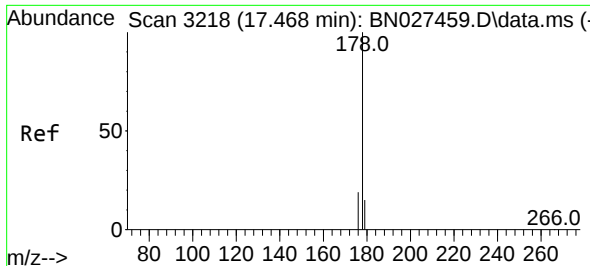
Tgt Ion:166 Resp: 19529
Ion Ratio Lower Upper
166 100
165 96.8 79.6 119.4
167 13.8 11.4 17.0



#14
Pentachlorophenol
Concen: 0.714 ng/ul
RT: 17.054 min Scan# 3120
Delta R.T. -0.004 min
Lab File: BN027475.D
Acq: 08 Sep 2023 12:37

Tgt Ion:266 Resp: 3828
Ion Ratio Lower Upper
266 100
264 62.7 50.4 75.6
268 65.1 51.9 77.9

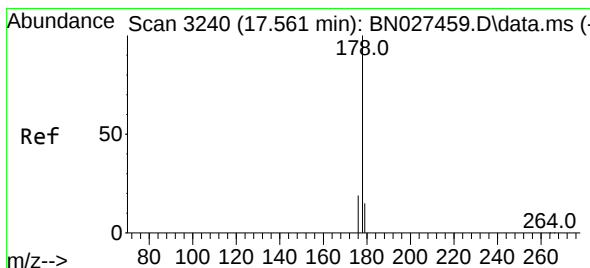
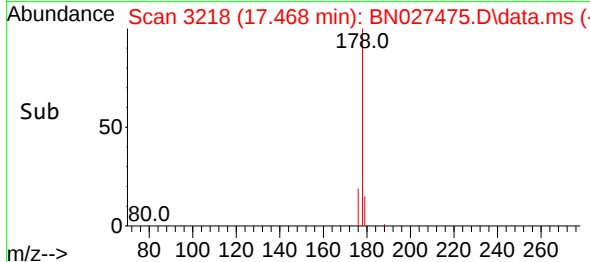
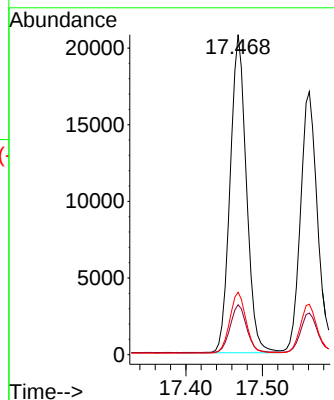
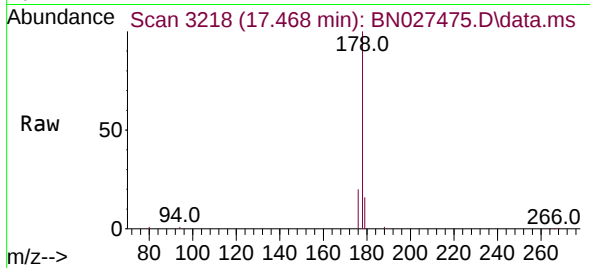




#15
Phenanthrene
Concen: 0.341 ng/u1
RT: 17.468 min Scan# 3218
Delta R.T. -0.000 min
Lab File: BN027475.D
Acq: 08 Sep 2023 12:37

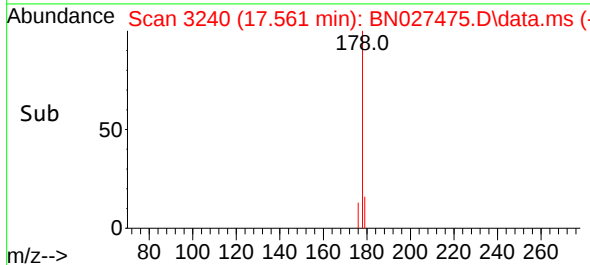
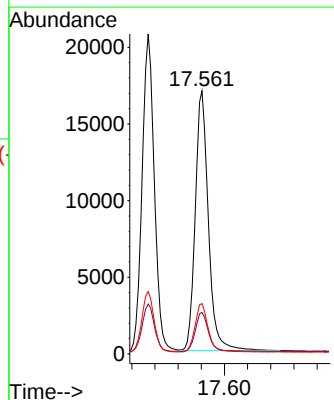
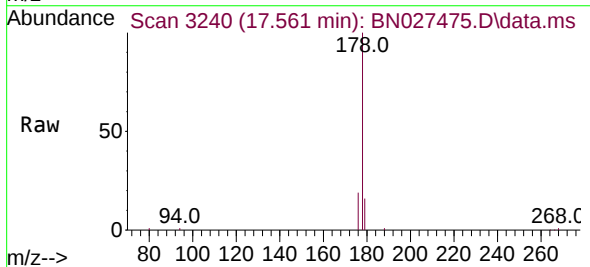
Instrument :
BNA_N
ClientSampleId :

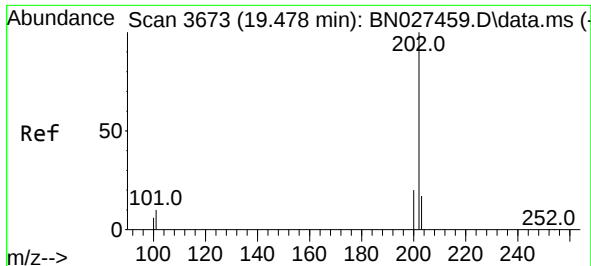
Tgt Ion:178 Resp: 30583
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.5 15.8 23.8



#16
Anthracene
Concen: 0.374 ng/u1
RT: 17.561 min Scan# 3240
Delta R.T. -0.000 min
Lab File: BN027475.D
Acq: 08 Sep 2023 12:37

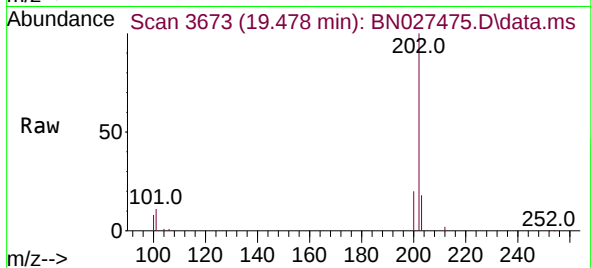
Tgt Ion:178 Resp: 26635
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 19.2 15.6 23.4



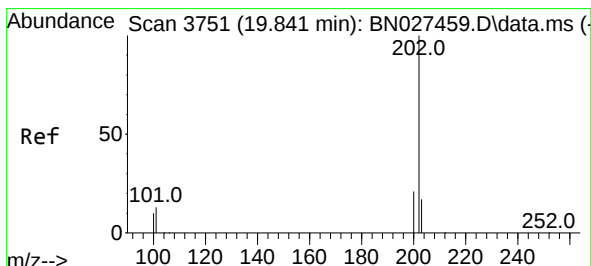
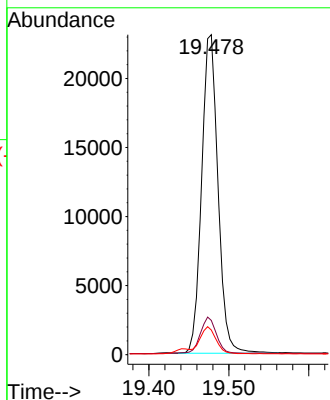
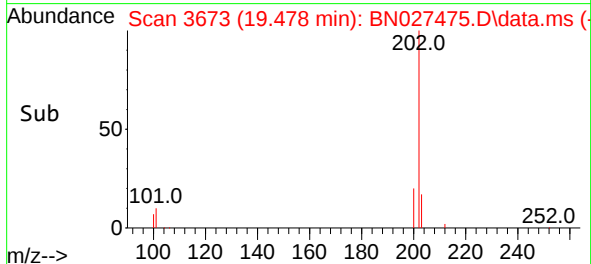


#19
Fluoranthene
Concen: 0.400 ng/u1
RT: 19.478 min Scan# 3673
Delta R.T. -0.000 min
Lab File: BN027475.D
Acq: 08 Sep 2023 12:37

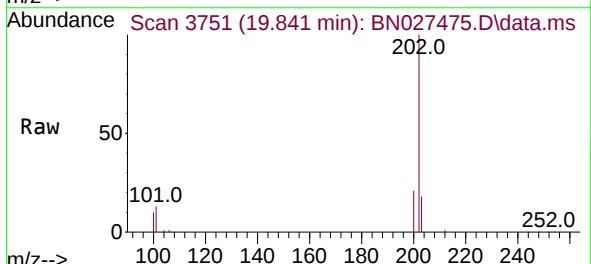
Instrument :
BNA_N
ClientSampleId :



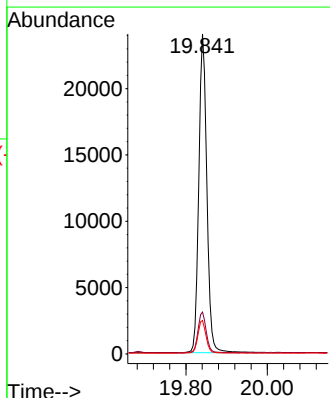
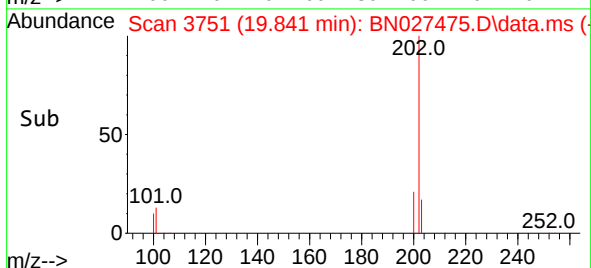
Tgt Ion:202 Resp: 32770
Ion Ratio Lower Upper
202 100
101 10.7 9.4 14.0
100 7.7 6.9 10.3

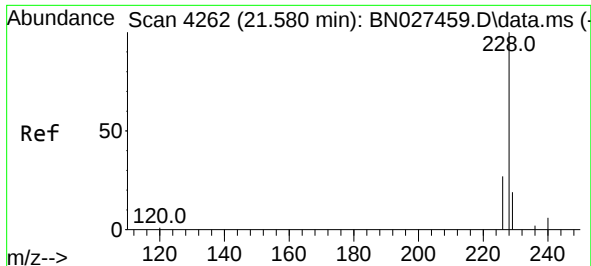


#20
Pyrene
Concen: 0.394 ng/u1
RT: 19.841 min Scan# 3751
Delta R.T. -0.000 min
Lab File: BN027475.D
Acq: 08 Sep 2023 12:37



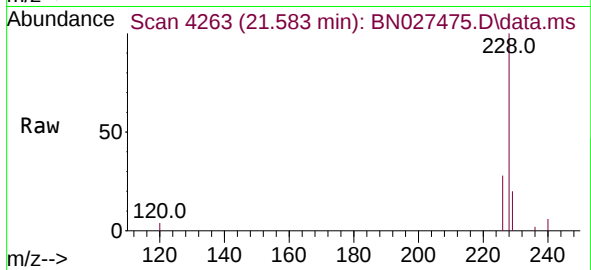
Tgt Ion:202 Resp: 32857
Ion Ratio Lower Upper
202 100
101 13.1 11.4 17.2
100 10.5 9.4 14.2



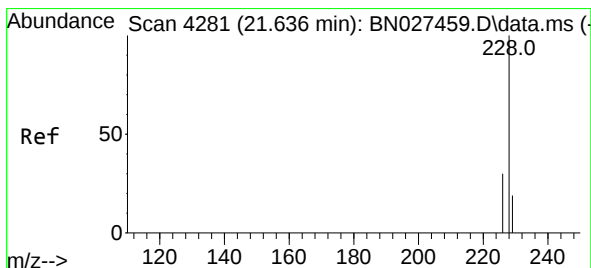
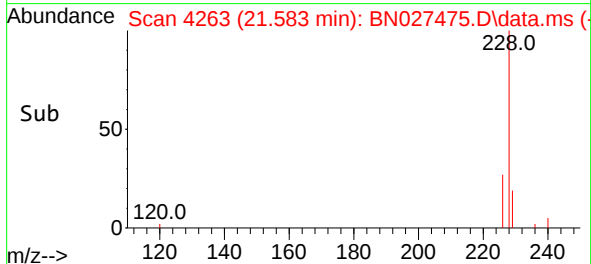
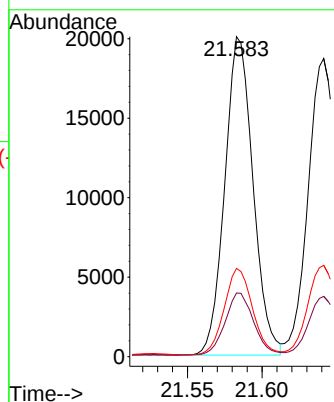


#21
Benzo(a)anthracene
Concen: 0.410 ng/ul
RT: 21.583 min Scan# 4262
Delta R.T. 0.003 min
Lab File: BN027475.D
Acq: 08 Sep 2023 12:37

Instrument :
BNA_N
ClientSampleId :

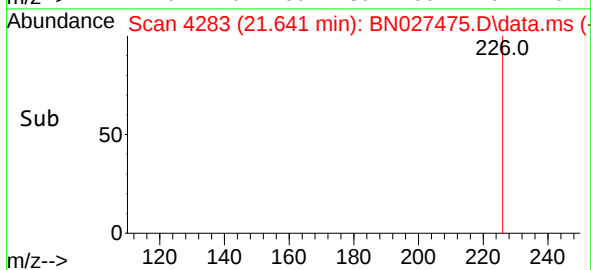
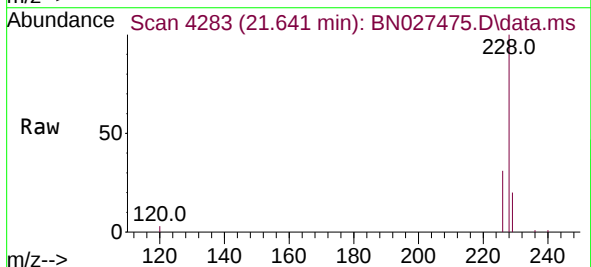
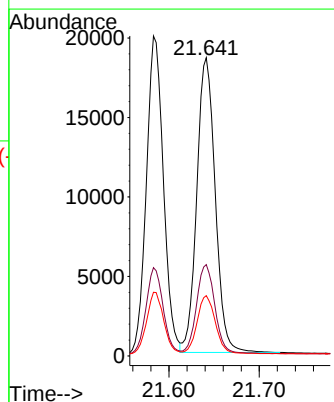


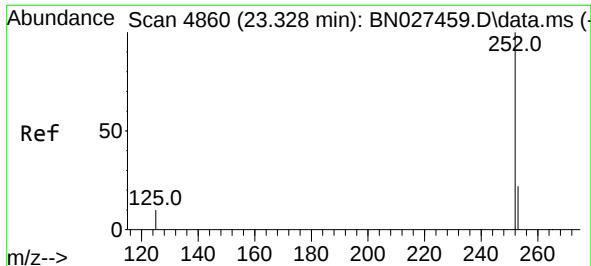
Tgt Ion:228 Resp: 26341
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 27.6 22.0 33.0



#22
Chrysene
Concen: 0.351 ng/ul
RT: 21.641 min Scan# 4283
Delta R.T. 0.006 min
Lab File: BN027475.D
Acq: 08 Sep 2023 12:37

Tgt Ion:228 Resp: 26287
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 20.2 15.6 23.4

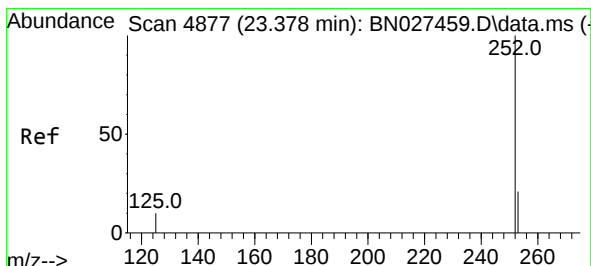
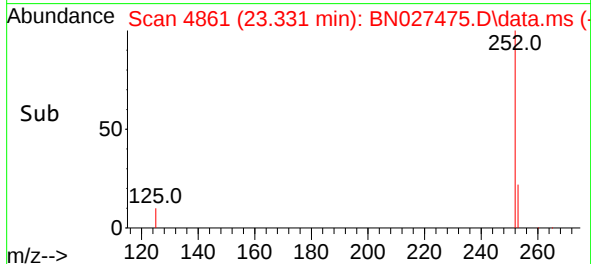
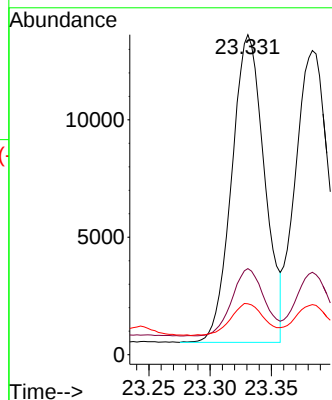
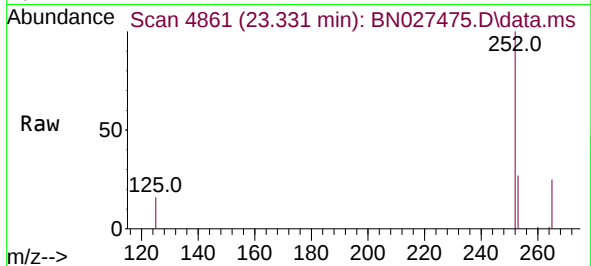




#24
Benzo(b)fluoranthene
Concen: 0.313 ng/ul
RT: 23.331 min Scan# 4861
Delta R.T. 0.003 min
Lab File: BN027475.D
Acq: 08 Sep 2023 12:37

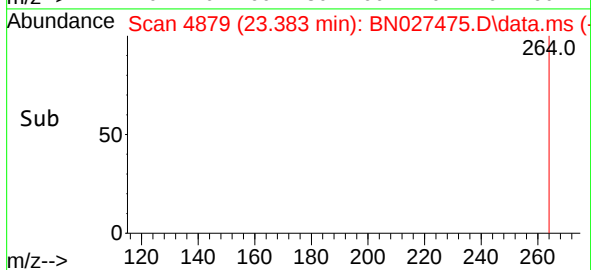
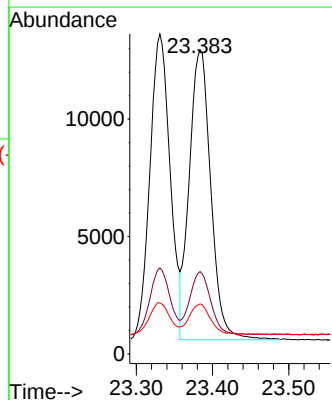
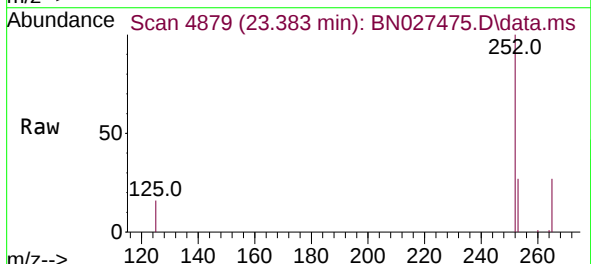
Instrument :
BNA_N
ClientSampleId :

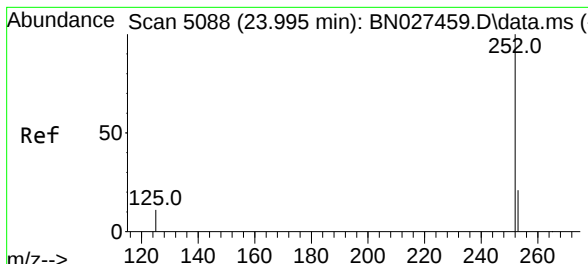
Tgt Ion:252 Resp: 24359
Ion Ratio Lower Upper
252 100
253 26.9 0.0 49.6
125 15.9 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.319 ng/ul
RT: 23.383 min Scan# 4879
Delta R.T. 0.006 min
Lab File: BN027475.D
Acq: 08 Sep 2023 12:37

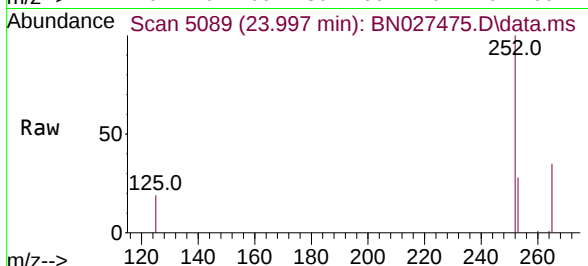
Tgt Ion:252 Resp: 24273
Ion Ratio Lower Upper
252 100
253 27.1 19.9 29.9
125 16.4 13.6 20.4



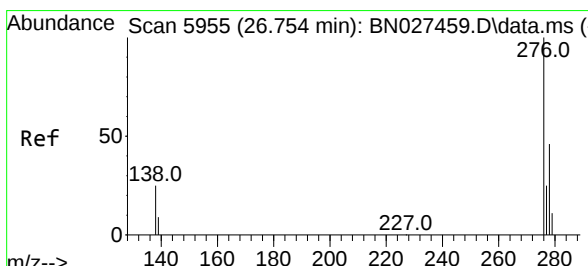
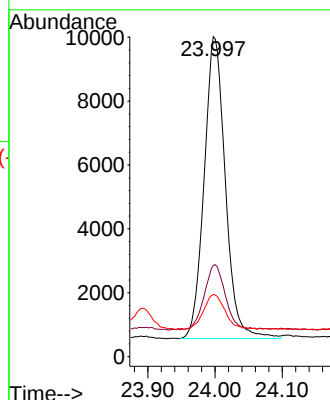
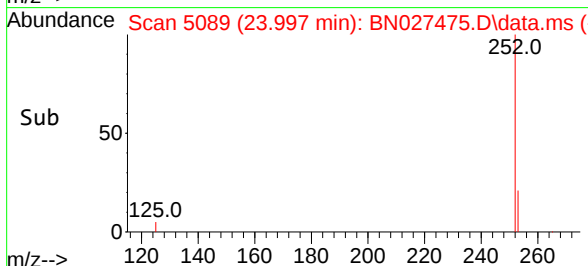


#26
Benzo(a)pyrene
Concen: 0.341 ng/ul
RT: 23.997 min Scan# 5088
Delta R.T. 0.003 min
Lab File: BN027475.D
Acq: 08 Sep 2023 12:37

Instrument :
BNA_N
ClientSampleId :

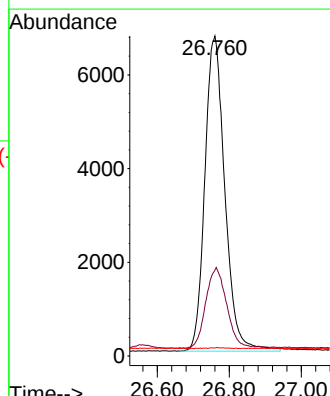
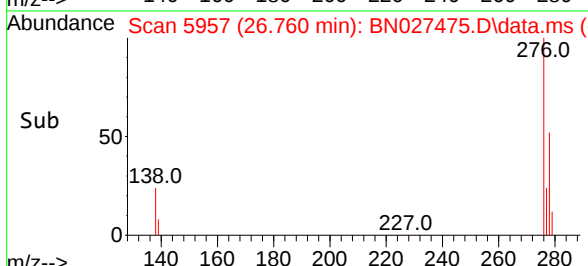
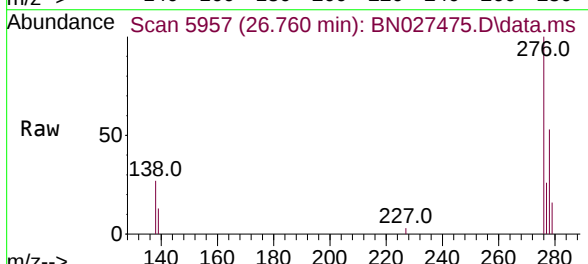


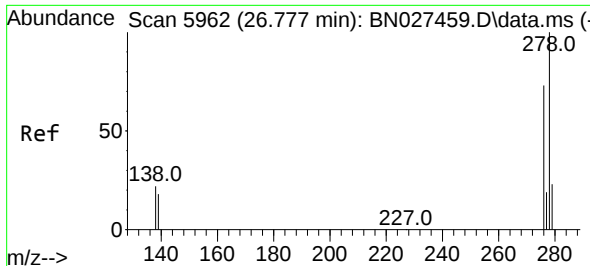
Tgt Ion:252	Resp:	20713
Ion Ratio	Lower	Upper
252	100	
253	28.5	22.4 33.6
125	19.4	17.4 26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.384 ng/ul
RT: 26.760 min Scan# 5957
Delta R.T. 0.006 min
Lab File: BN027475.D
Acq: 08 Sep 2023 12:37

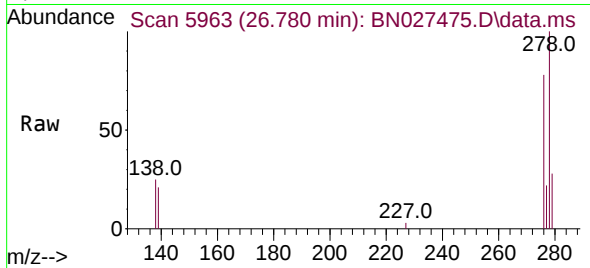
Tgt Ion:276	Resp:	25895
Ion Ratio	Lower	Upper
276	100	
138	26.8	23.9 35.9
227	0.1	0.1 0.1#





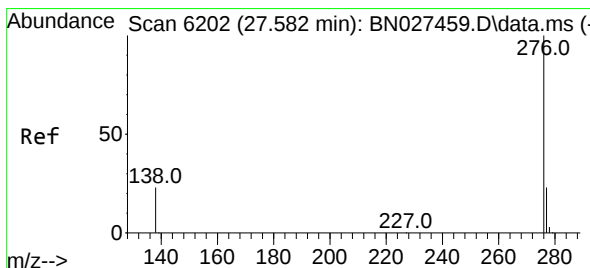
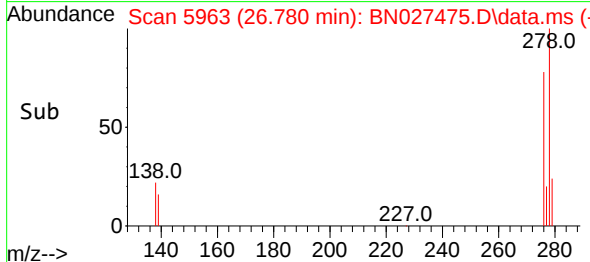
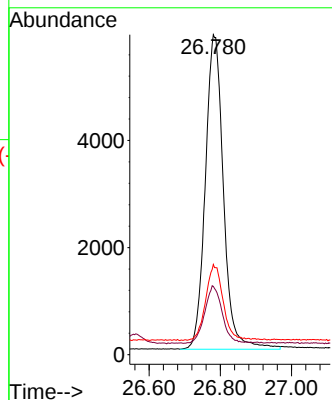
#28
Dibenzo(a,h)anthracene
Concen: 0.403 ng/ul
RT: 26.780 min Scan# 5962
Delta R.T. 0.003 min
Lab File: BN027475.D
Acq: 08 Sep 2023 12:37

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 20799

Ion	Ratio	Lower	Upper
278	100		
139	21.4	18.0	27.0
279	28.2	22.7	34.1



#29
Benzo(g,h,i)perylene
Concen: 0.359 ng/ul
RT: 27.585 min Scan# 6203
Delta R.T. 0.003 min
Lab File: BN027475.D
Acq: 08 Sep 2023 12:37

Tgt Ion:276 Resp: 21843

Ion	Ratio	Lower	Upper
276	100		
138	25.3	22.1	33.1
277	25.6	20.2	30.4

