

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
 Data File : BN026475.D
 Acq On : 11 Jul 2023 22:41
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 12 02:14:05 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 09 15:51:14 2023
 Response via : Initial Calibration

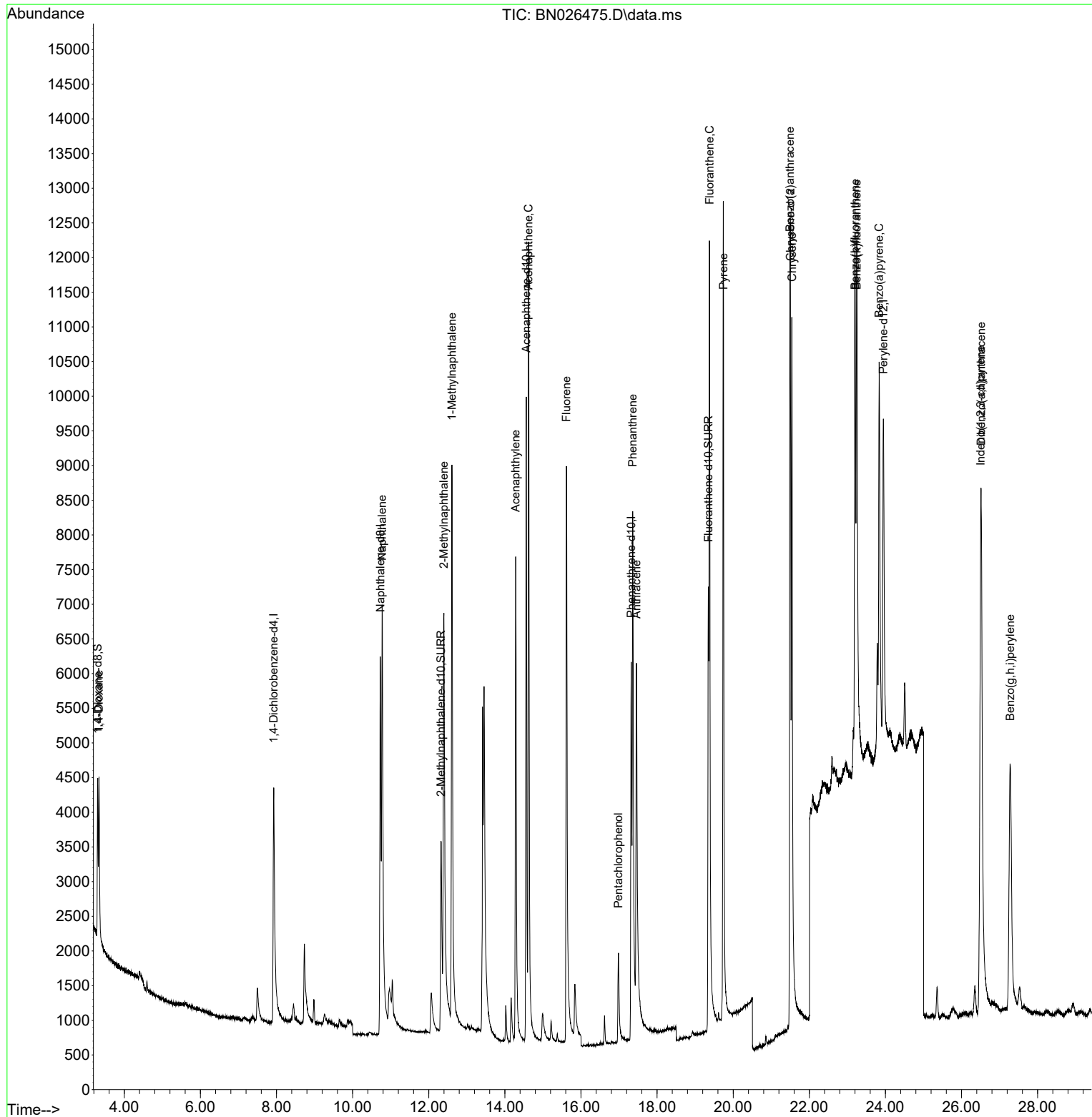
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	3477	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	11452	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.562	164	6120	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.318	188	9516	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.503	240	7713	0.400	ng/ul	-0.01
23) Perylene-d12	23.947	264	8621	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	1827	0.467	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	5904	0.335	ng/ul	-0.01
18) Fluoranthene-d10	19.346	212	9853	0.336	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.335	88	1772	0.426	ng/ul	95
5) Naphthalene	10.776	128	11955	0.364	ng/ul	98
7) 2-Methylnaphthalene	12.398	142	6534	0.313	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	7218	0.333	ng/ul	98
10) Acenaphthylene	14.284	152	11003	0.384	ng/ul	99
11) Acenaphthene	14.622	153	8492	0.362	ng/ul	99
12) Fluorene	15.617	166	8349	0.311	ng/ul	99
14) Pentachlorophenol	16.985	266	1402	0.411	ng/ul	98
15) Phenanthrene	17.360	178	10866	0.346	ng/ul	98
16) Anthracene	17.457	178	9467	0.339	ng/ul	95
19) Fluoranthene	19.378	202	12826	0.311	ng/ul#	93
20) Pyrene	19.741	202	13782	0.322	ng/ul#	89
21) Benzo(a)anthracene	21.489	228	10532	0.331	ng/ul	99
22) Chrysene	21.544	228	11385	0.344	ng/ul	99
24) Benzo(b)fluoranthene	23.202	252	11786	0.320	ng/ul	93
25) Benzo(k)fluoranthene	23.248	252	13022	0.352	ng/ul	94
26) Benzo(a)pyrene	23.836	252	10445	0.327	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.505	276	14305	0.410	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.515	278	11051	0.418	ng/ul#	91
29) Benzo(g,h,i)perylene	27.279	276	12390	0.399	ng/ul#	91

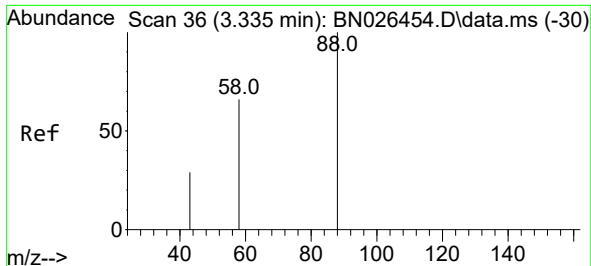
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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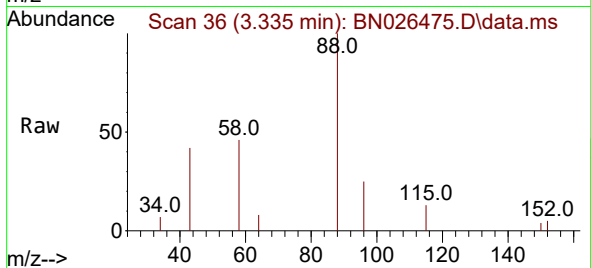
Quant Time: Jul 12 02:14:05 2023
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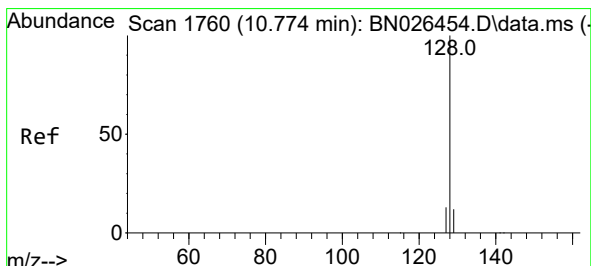
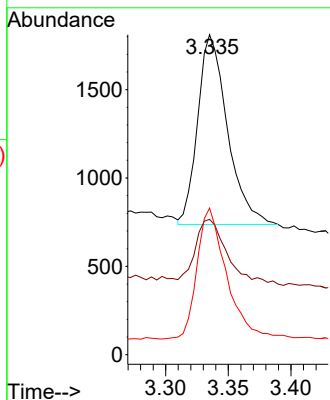
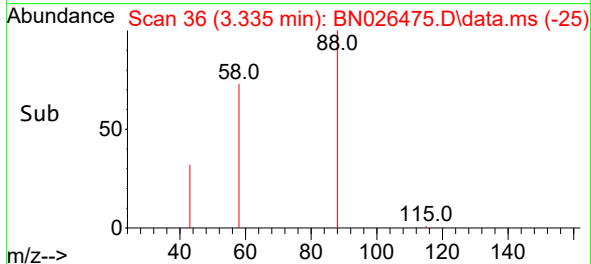
#2
1,4-Dioxane
Concen: 0.426 ng/ul
RT: 3.335 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN026475.D
Acq: 11 Jul 2023 22:41

Instrument :
BNA_N
ClientSampleId :



Tgt Ion: 88 Resp: 1772

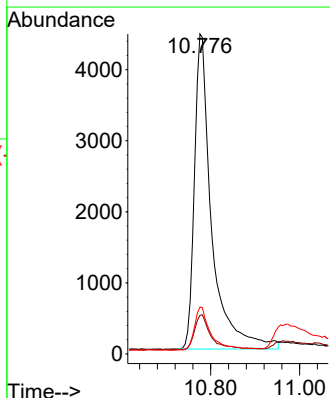
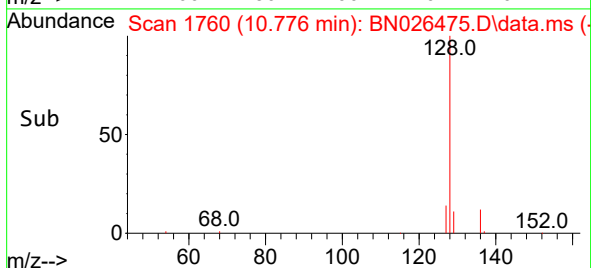
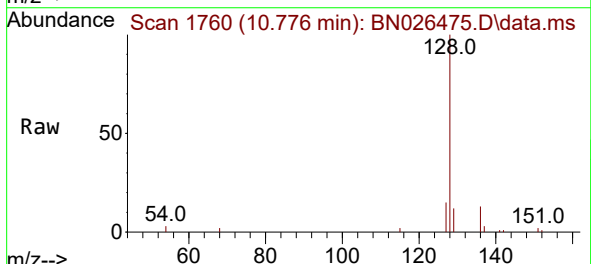
Ion	Ratio	Lower	Upper
88	100		
43	42.3	29.5	44.3
58	45.8	37.4	56.2

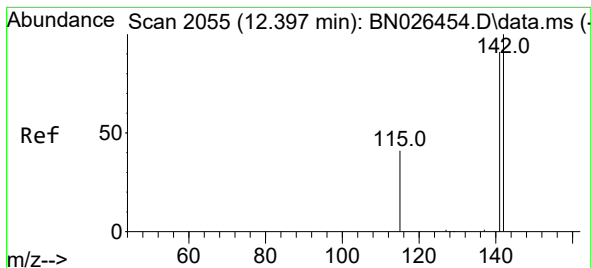


#5
Naphthalene
Concen: 0.364 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. -0.011 min
Lab File: BN026475.D
Acq: 11 Jul 2023 22:41

Tgt Ion: 128 Resp: 11955

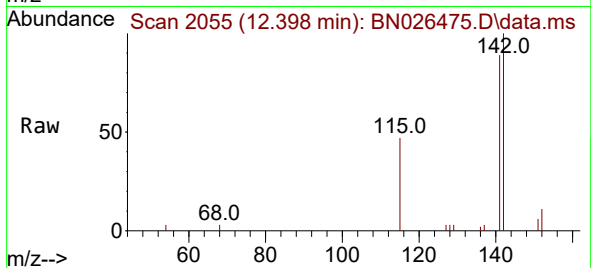
Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.1	13.7
127	14.7	10.7	16.1



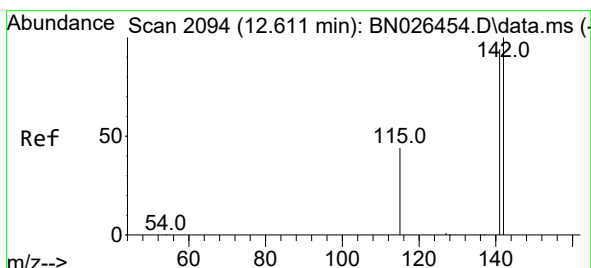
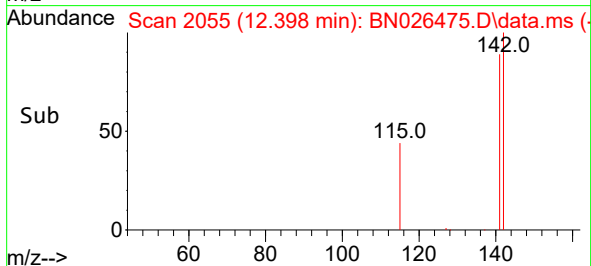
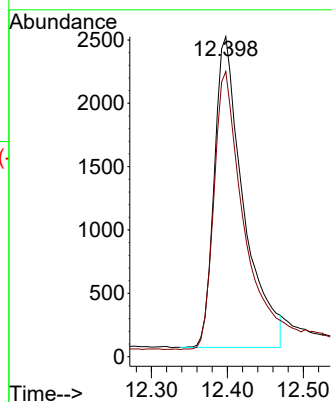


#7
2-Methylnaphthalene
Concen: 0.313 ng/ul
RT: 12.398 min Scan# 2055
Delta R.T. -0.005 min
Lab File: BN026475.D
Acq: 11 Jul 2023 22:41

Instrument :
BNA_N
ClientSampleId :

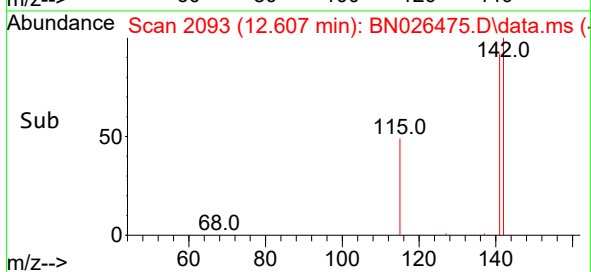
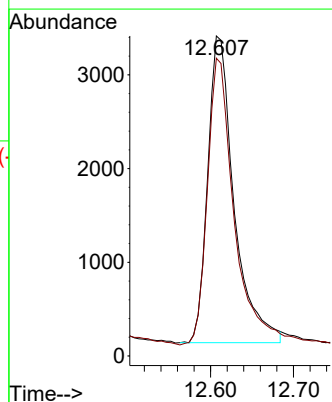
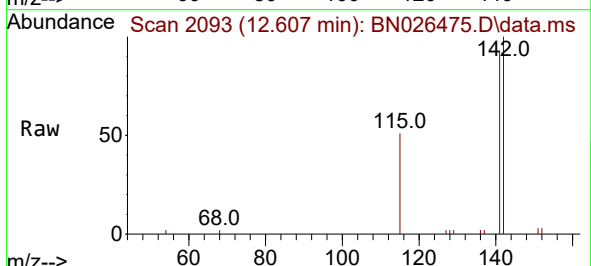


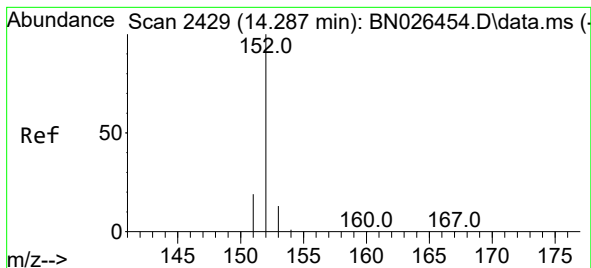
Tgt Ion:142 Resp: 6534
Ion Ratio Lower Upper
142 100
141 90.9 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.333 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. -0.011 min
Lab File: BN026475.D
Acq: 11 Jul 2023 22:41

Tgt Ion:142 Resp: 7218
Ion Ratio Lower Upper
142 100
141 94.7 74.2 111.4





#10

Acenaphthylene

Concen: 0.384 ng/ul

RT: 14.284 min Scan# 2429

Delta R.T. -0.008 min

Lab File: BN026475.D

Acq: 11 Jul 2023 22:41

Instrument :

BNA_N

ClientSampleId :

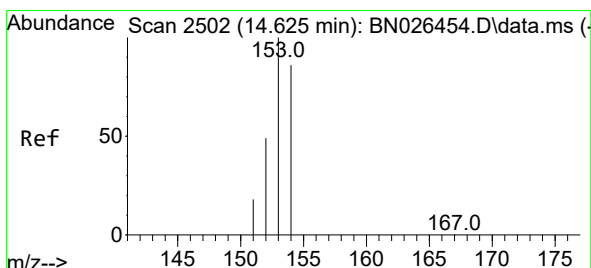
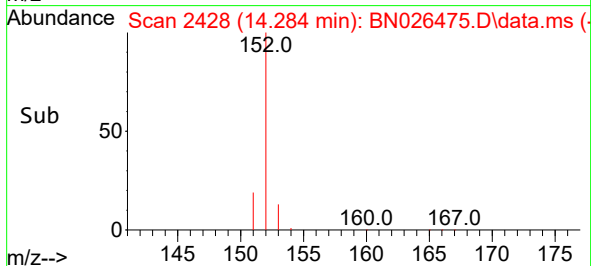
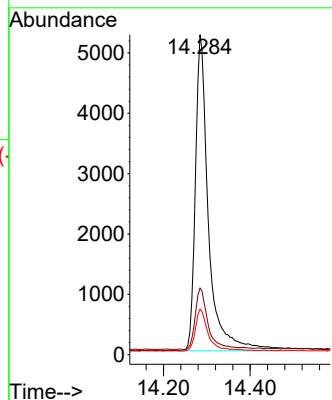
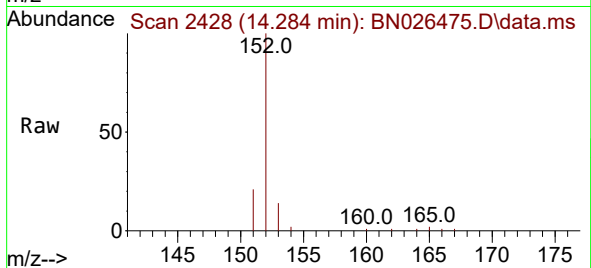
Tgt Ion:152 Resp: 11003

Ion Ratio Lower Upper

152 100

151 20.8 16.2 24.4

153 14.2 10.9 16.3



#11

Acenaphthene

Concen: 0.362 ng/ul

RT: 14.622 min Scan# 2501

Delta R.T. -0.008 min

Lab File: BN026475.D

Acq: 11 Jul 2023 22:41

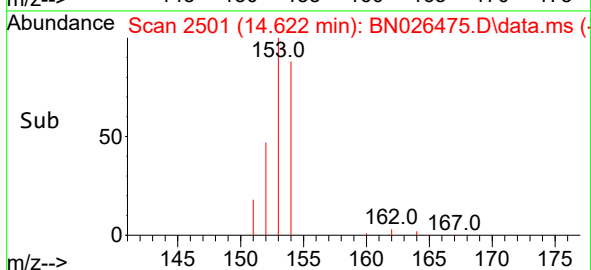
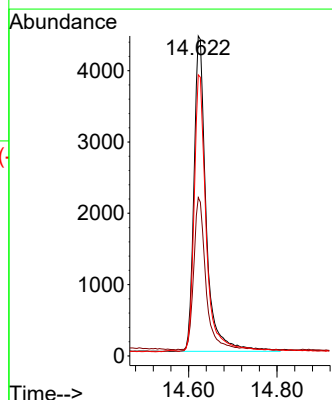
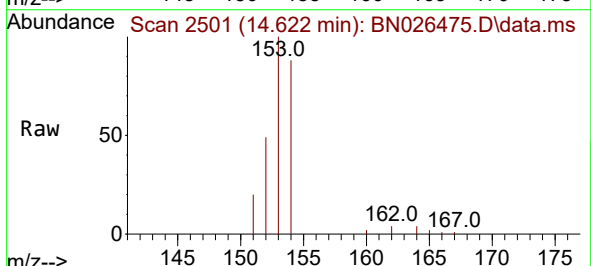
Tgt Ion:153 Resp: 8492

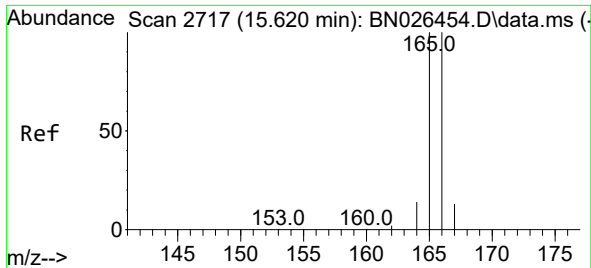
Ion Ratio Lower Upper

153 100

152 49.5 39.4 59.0

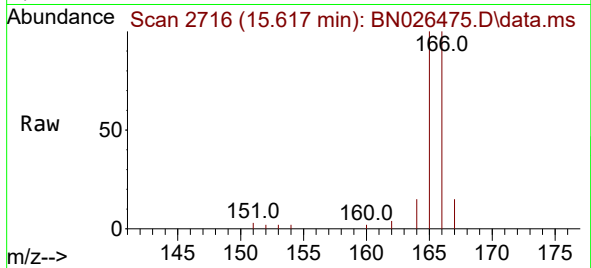
154 87.8 68.9 103.3



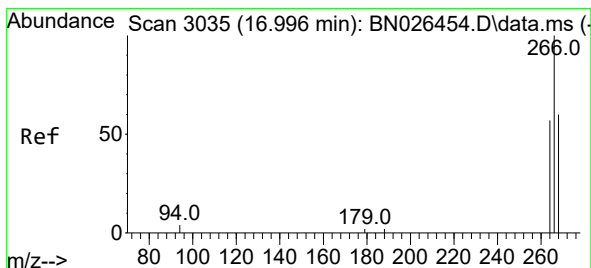
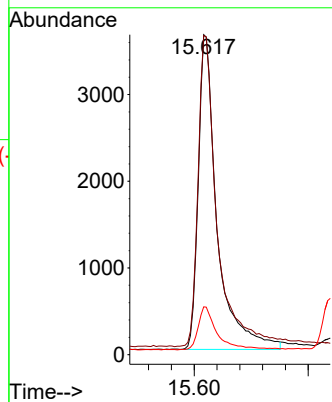
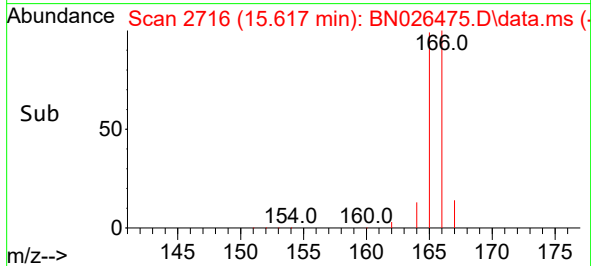


#12
Fluorene
Concen: 0.311 ng/ul
RT: 15.617 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN026475.D
Acq: 11 Jul 2023 22:41

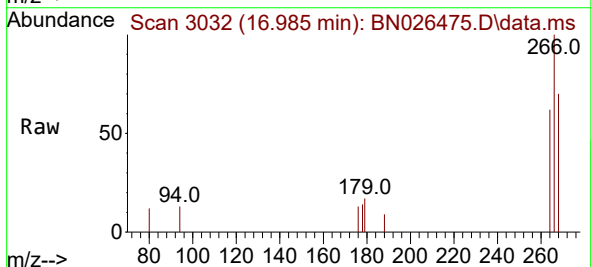
Instrument :
BNA_N
ClientSampleId :



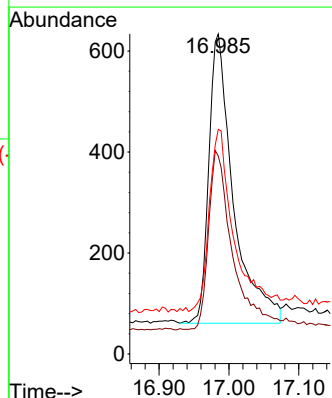
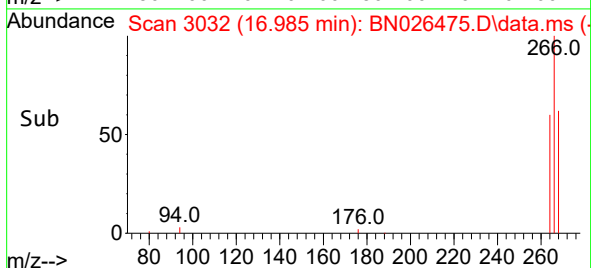
Tgt Ion:166 Resp: 8349
Ion Ratio Lower Upper
166 100
165 99.8 79.9 119.9
167 14.9 10.8 16.2

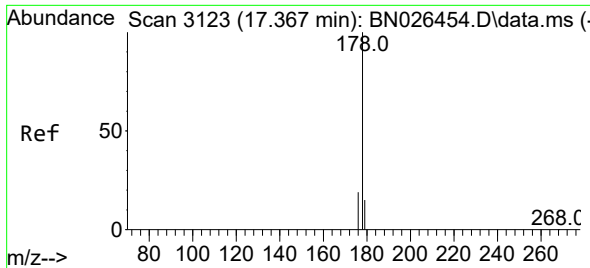


#14
Pentachlorophenol
Concen: 0.411 ng/ul
RT: 16.985 min Scan# 3032
Delta R.T. -0.012 min
Lab File: BN026475.D
Acq: 11 Jul 2023 22:41



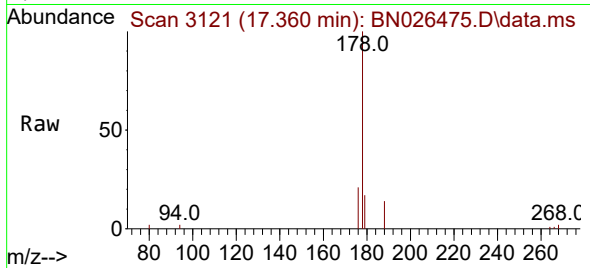
Tgt Ion:266 Resp: 1402
Ion Ratio Lower Upper
266 100
264 60.4 50.5 75.7
268 63.8 51.6 77.4





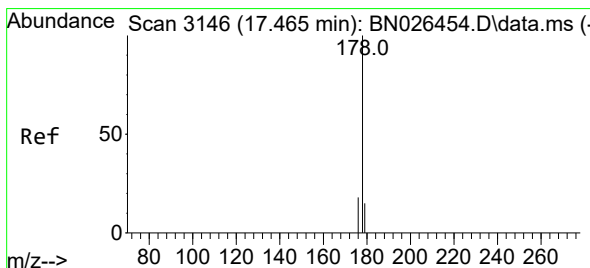
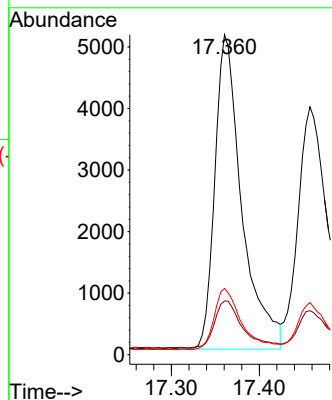
#15
 Phenanthrene
 Concen: 0.346 ng/ul
 RT: 17.360 min Scan# 3121
 Delta R.T. -0.008 min
 Lab File: BN026475.D
 Acq: 11 Jul 2023 22:41

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:178 Resp: 10866

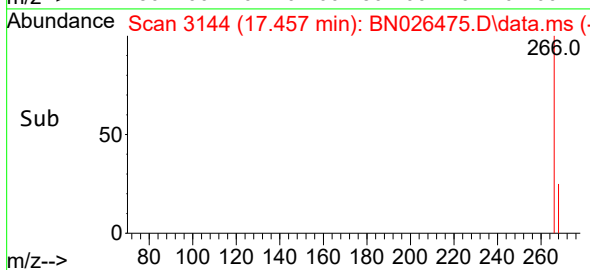
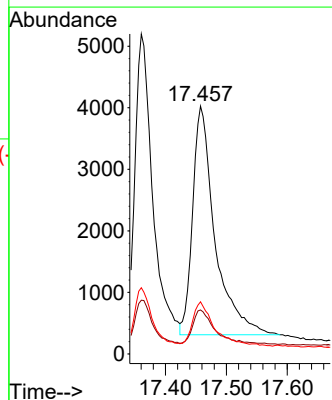
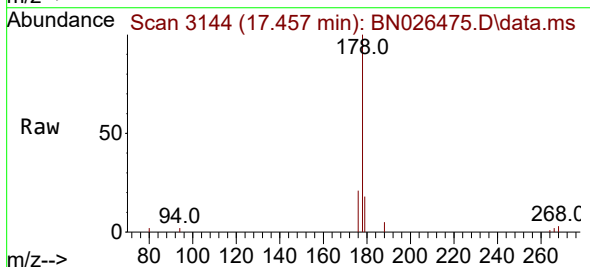
Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.6	19.0
176	20.7	15.8	23.6

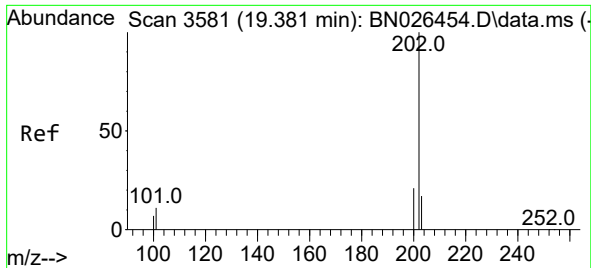


#16
 Anthracene
 Concen: 0.339 ng/ul
 RT: 17.457 min Scan# 3144
 Delta R.T. -0.008 min
 Lab File: BN026475.D
 Acq: 11 Jul 2023 22:41

Tgt Ion:178 Resp: 9467

Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.6	18.8
176	21.0	15.1	22.7

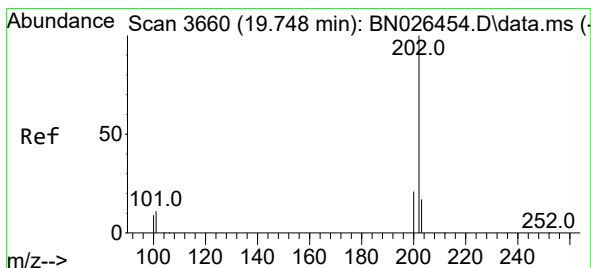
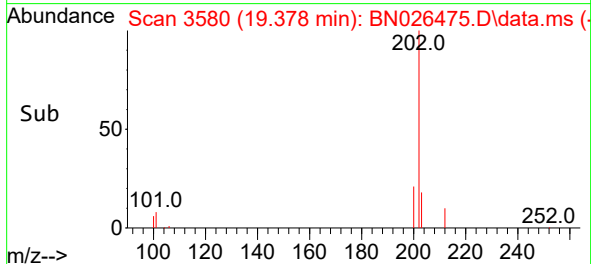
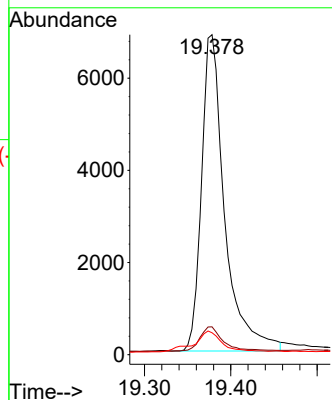
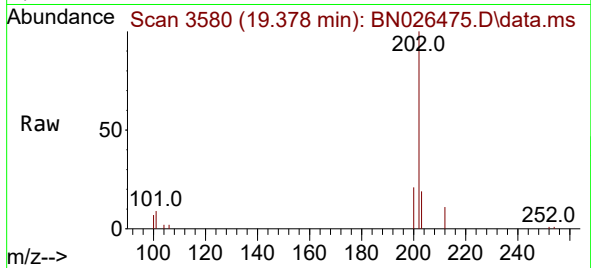




#19
Fluoranthene
Concen: 0.311 ng/ul
RT: 19.378 min Scan# 3580
Delta R.T. -0.008 min
Lab File: BN026475.D
Acq: 11 Jul 2023 22:41

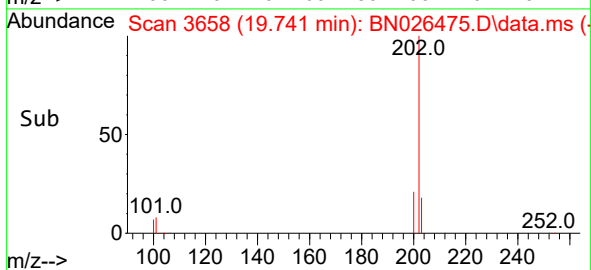
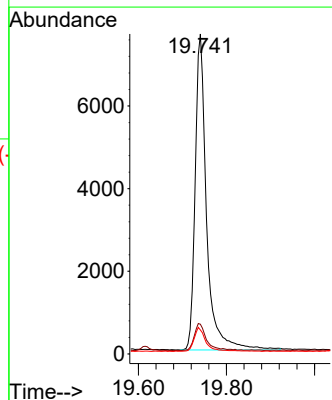
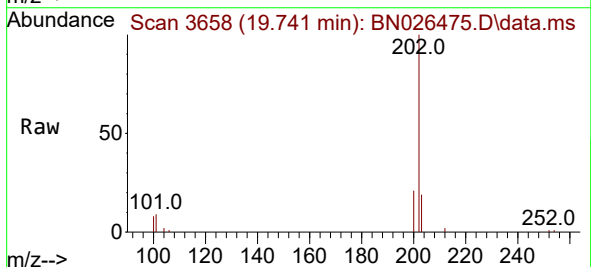
Instrument :
BNA_N
ClientSampleId :

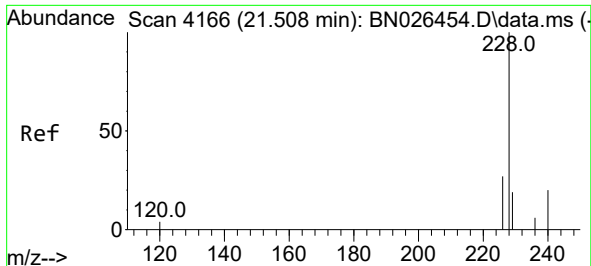
Tgt Ion:202 Resp: 12826
Ion Ratio Lower Upper
202 100
101 8.7 9.5 14.3#
100 6.9 7.3 10.9#



#20
Pyrene
Concen: 0.322 ng/ul
RT: 19.741 min Scan# 3658
Delta R.T. -0.008 min
Lab File: BN026475.D
Acq: 11 Jul 2023 22:41

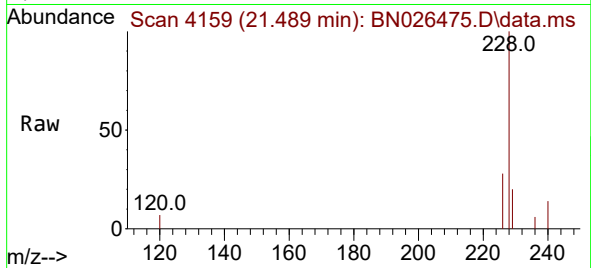
Tgt Ion:202 Resp: 13782
Ion Ratio Lower Upper
202 100
101 9.3 11.4 17.0#
100 7.5 9.1 13.7#



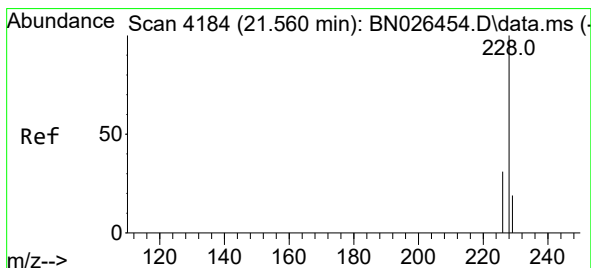
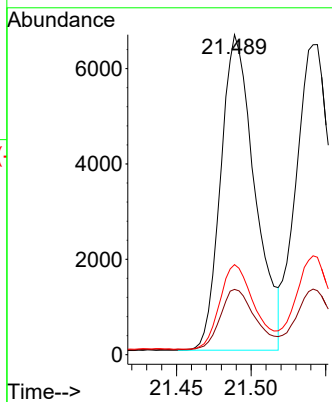
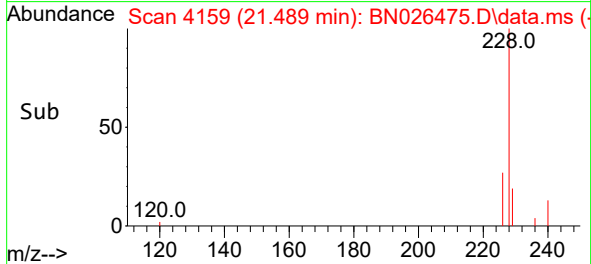


#21
Benzo(a)anthracene
Concen: 0.331 ng/ul
RT: 21.489 min Scan# 4159
Delta R.T. -0.011 min
Lab File: BN026475.D
Acq: 11 Jul 2023 22:41

Instrument :
BNA_N
ClientSampleId :

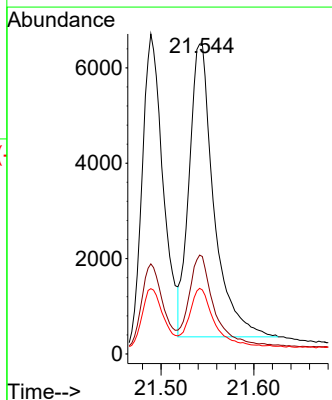
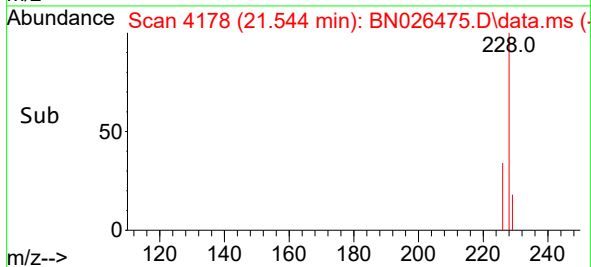
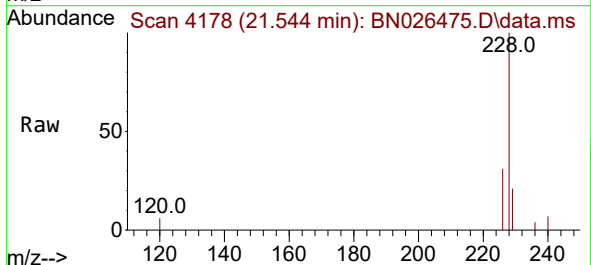


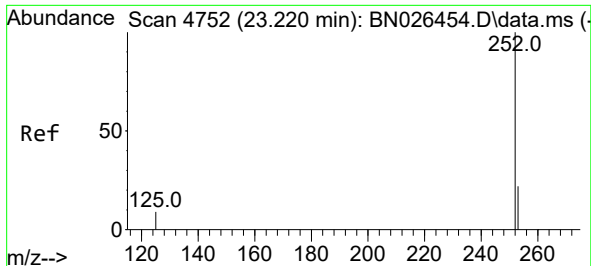
Tgt Ion:228 Resp: 10532
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.6
226 28.2 22.5 33.7



#22
Chrysene
Concen: 0.344 ng/ul
RT: 21.544 min Scan# 4178
Delta R.T. -0.008 min
Lab File: BN026475.D
Acq: 11 Jul 2023 22:41

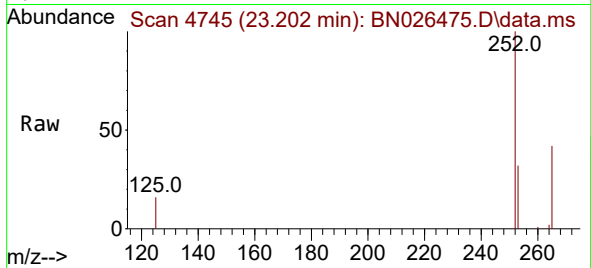
Tgt Ion:228 Resp: 11385
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 20.6 15.7 23.5



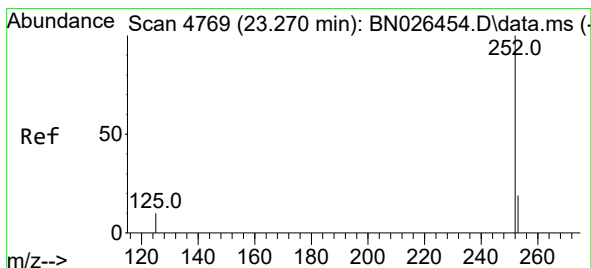
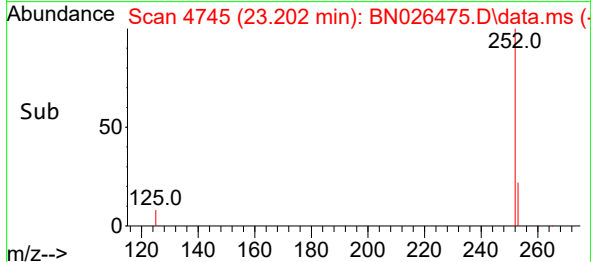
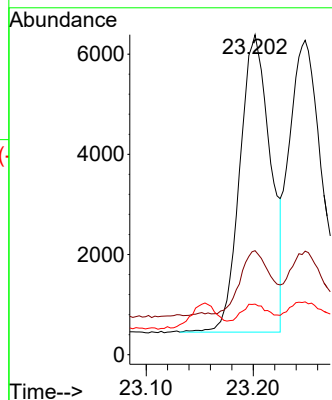


#24
Benzo(b)fluoranthene
Concen: 0.320 ng/ul
RT: 23.202 min Scan# 4745
Delta R.T. -0.017 min
Lab File: BN026475.D
Acq: 11 Jul 2023 22:41

Instrument :
BNA_N
ClientSampleId :

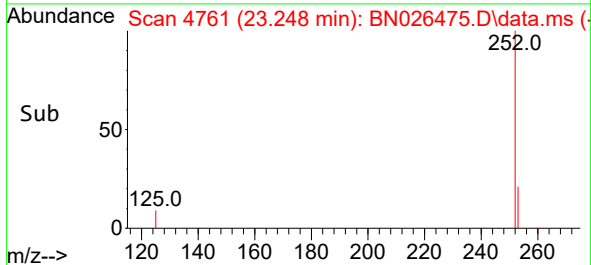
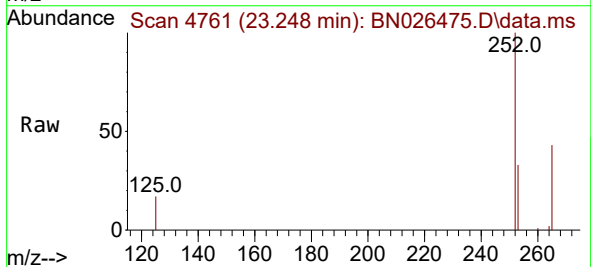
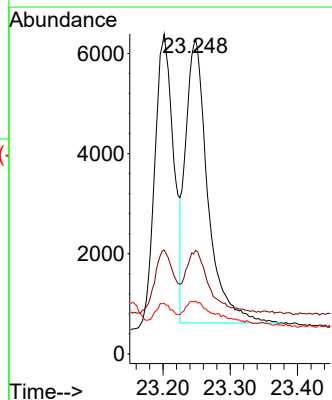


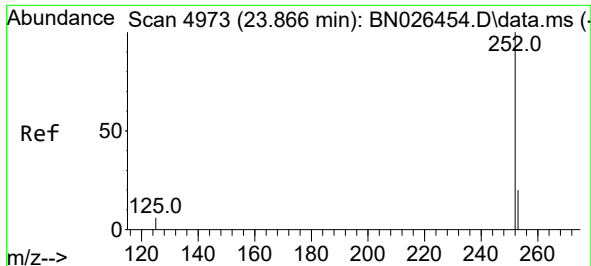
Tgt Ion:252 Resp: 11786
Ion Ratio Lower Upper
252 100
253 32.5 0.0 55.6
125 15.8 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.352 ng/ul
RT: 23.248 min Scan# 4761
Delta R.T. -0.014 min
Lab File: BN026475.D
Acq: 11 Jul 2023 22:41

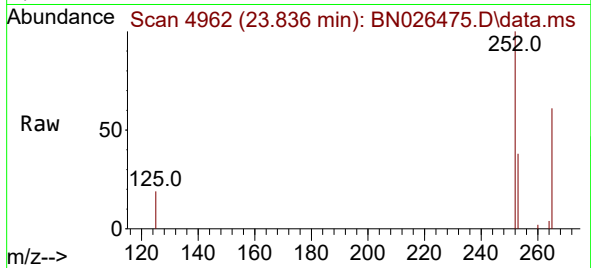
Tgt Ion:252 Resp: 13022
Ion Ratio Lower Upper
252 100
253 32.9 23.2 34.8
125 16.8 15.0 22.4



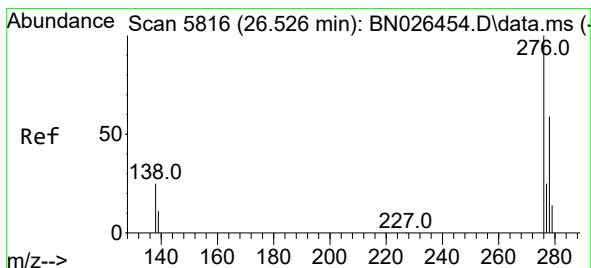
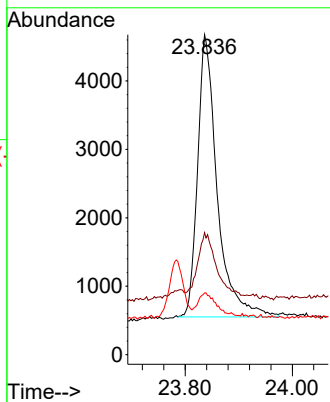
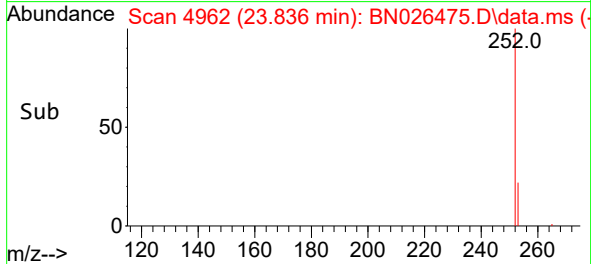


#26
Benzo(a)pyrene
Concen: 0.327 ng/ul
RT: 23.836 min Scan# 4973
Delta R.T. -0.034 min
Lab File: BN026475.D
Acq: 11 Jul 2023 22:41

Instrument :
BNA_N
ClientSampleId :

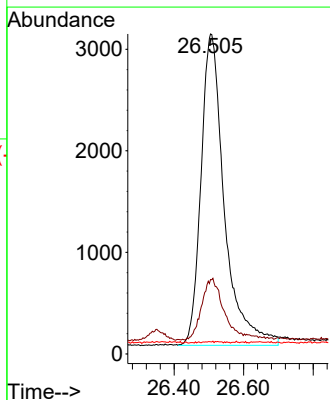
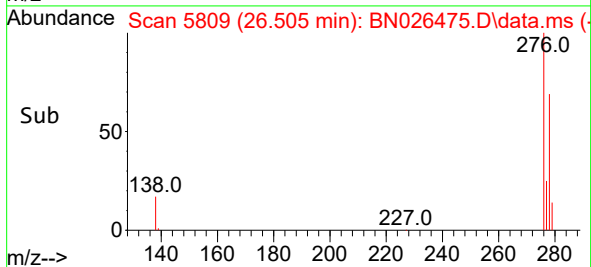
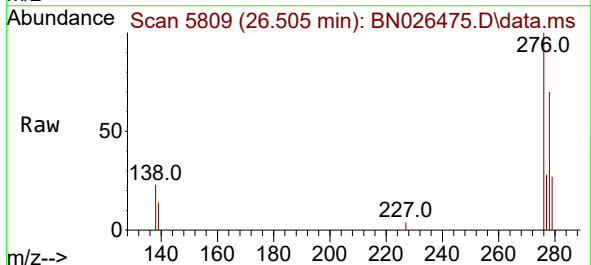


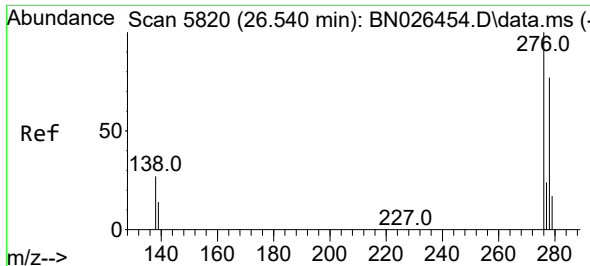
Tgt Ion:252 Resp: 10445
Ion Ratio Lower Upper
252 100
253 38.2 26.0 39.0
125 19.3 17.3 25.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.410 ng/ul
RT: 26.505 min Scan# 5809
Delta R.T. -0.036 min
Lab File: BN026475.D
Acq: 11 Jul 2023 22:41

Tgt Ion:276 Resp: 14305
Ion Ratio Lower Upper
276 100
138 19.3 24.5 36.7#
227 0.1 0.0 0.0#

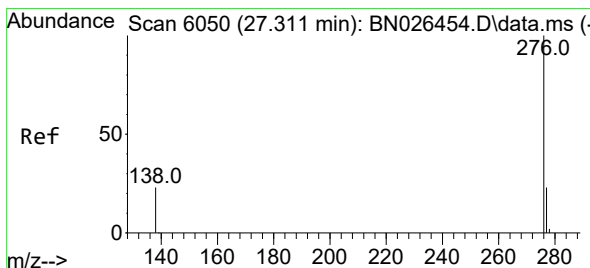
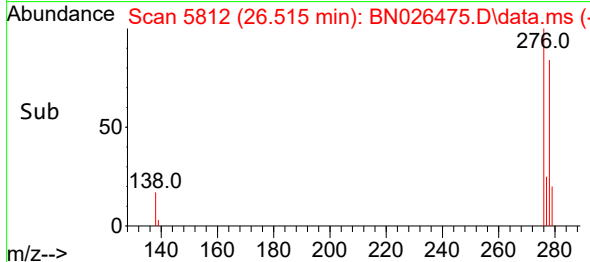
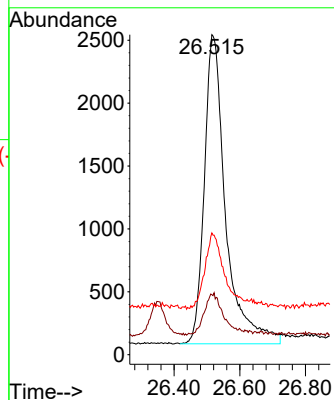
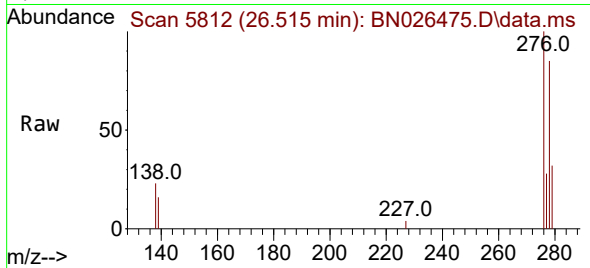




#28
Dibenzo(a,h)anthracene
Concen: 0.418 ng/ul
RT: 26.515 min Scan# 51
Delta R.T. -0.046 min
Lab File: BN026475.D
Acq: 11 Jul 2023 22:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 11051
Ion Ratio Lower Upper
278 100
139 18.8 19.0 28.4#
279 38.1 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.399 ng/ul
RT: 27.279 min Scan# 6040
Delta R.T. -0.056 min
Lab File: BN026475.D
Acq: 11 Jul 2023 22:41

Tgt Ion:276 Resp: 12390
Ion Ratio Lower Upper
276 100
138 21.2 23.4 35.0#
277 26.2 20.0 30.0

