

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
 Data File : BN028870.D
 Acq On : 24 Nov 2023 22:24
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4332

Quant Time: Nov 25 01:04:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

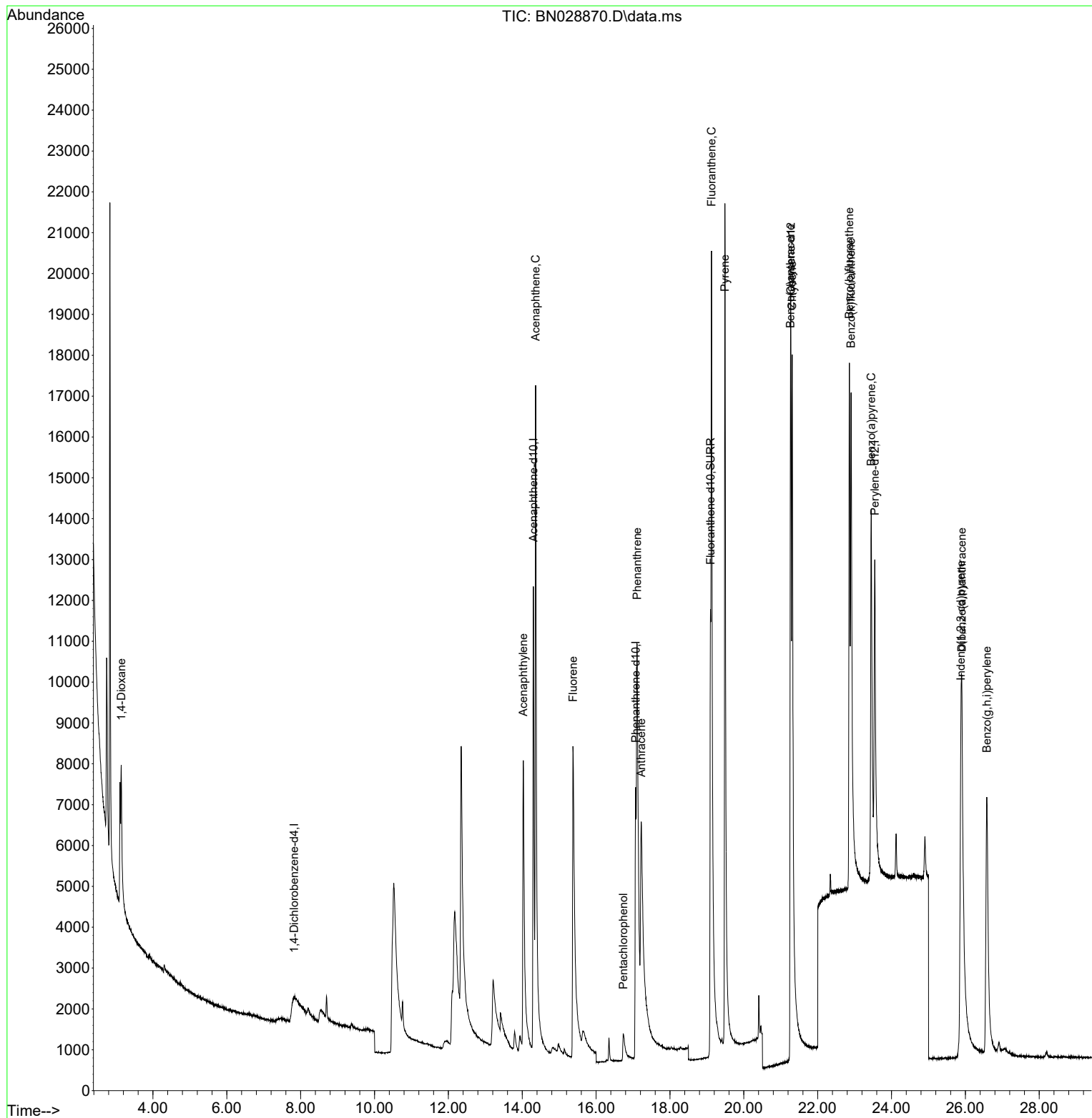
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.820	152	1881	0.400	ng/ul	# 0.08
4) Naphthalene-d8	0.000	136	0	0.000	ng/ul	-10.46
9) Acenaphthene-d10	14.302	164	9606	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.073	188	13825	0.400	ng/ul	# 0.01
17) Chrysene-d12	21.275	240	13981	0.400	ng/ul	# 0.00
23) Perylene-d12	23.546	264	12927	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/ul	
6) 2-Methylnaphthalene-d10	12.107	152	4133	0.000	ng/ul	0.03
18) Fluoranthene-d10	19.099	212	19181	0.426	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.141	88	2914	1.268	ng/ul#	69
10) Acenaphthylene	14.029	152	18257	0.381	ng/ul	97
11) Acenaphthene	14.362	153	15054	0.427	ng/ul	98
12) Fluorene	15.375	166	13128	0.320	ng/ul	95
14) Pentachlorophenol	16.735	266	1110	0.335	ng/ul	96
15) Phenanthrene	17.111	178	20022	0.471	ng/ul	96
16) Anthracene	17.225	178	12262	0.315	ng/ul	96
19) Fluoranthene	19.127	202	25459	0.428	ng/ul	98
20) Pyrene	19.489	202	28790	0.467	ng/ul	96
21) Benzo(a)anthracene	21.263	228	16498	0.298	ng/ul	97
22) Chrysene	21.310	228	20933	0.387	ng/ul	100
24) Benzo(b)fluoranthene	22.859	252	18728	0.386	ng/ul	83
25) Benzo(k)fluoranthene	22.906	252	22462	0.442	ng/ul	92
26) Benzo(a)pyrene	23.449	252	19494	0.426	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	25.877	276	21350	0.420	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.907	278	16224	0.399	ng/ul#	94
29) Benzo(g,h,i)perylene	26.581	276	18738	0.450	ng/ul	95

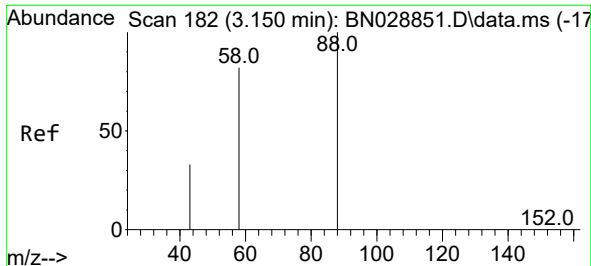
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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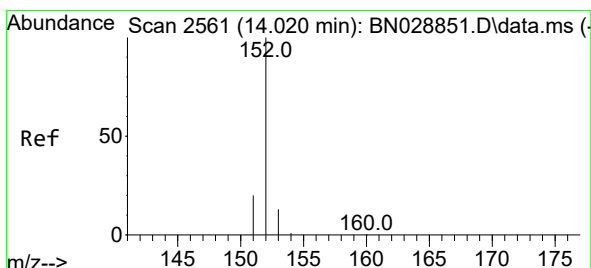
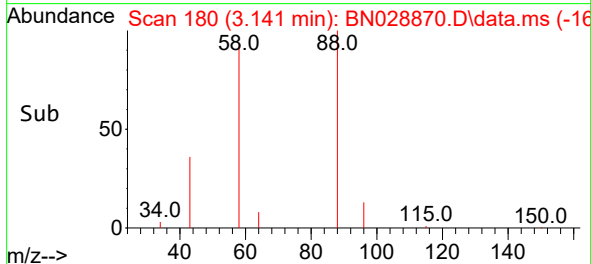
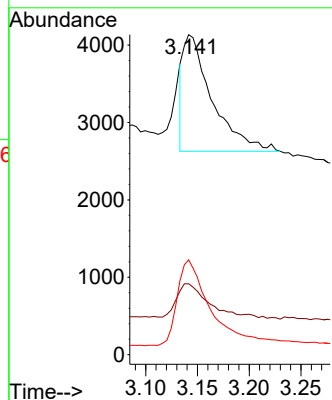
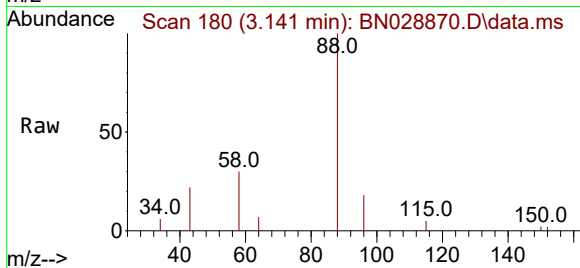




#2
1,4-Dioxane
Concen: 1.268 ng/ul
RT: 3.141 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN028870.D
Acq: 24 Nov 2023 22:24

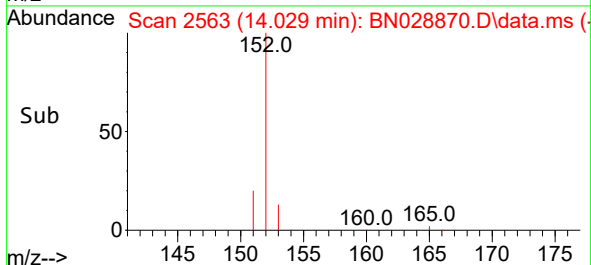
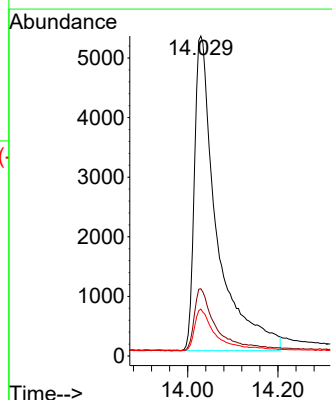
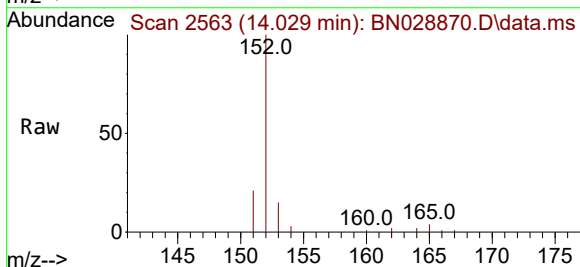
Instrument :
BNA_N
ClientSampleId :
SSTD0.4332

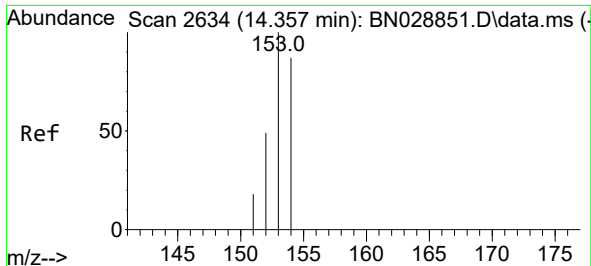
Tgt Ion: 88 Resp: 2914
Ion Ratio Lower Upper
88 100
43 22.2 32.9 49.3#
58 29.6 41.8 62.8#



#10
Acenaphthylene
Concen: 0.381 ng/ul
RT: 14.029 min Scan# 2563
Delta R.T. 0.004 min
Lab File: BN028870.D
Acq: 24 Nov 2023 22:24

Tgt Ion:152 Resp: 18257
Ion Ratio Lower Upper
152 100
151 21.0 16.1 24.1
153 14.6 10.6 15.8

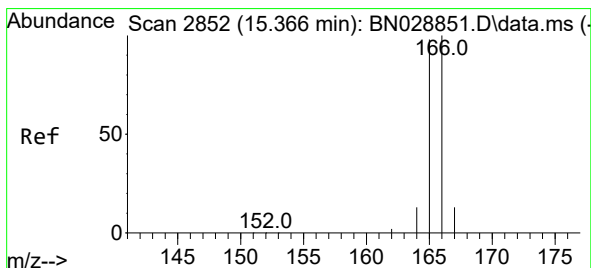
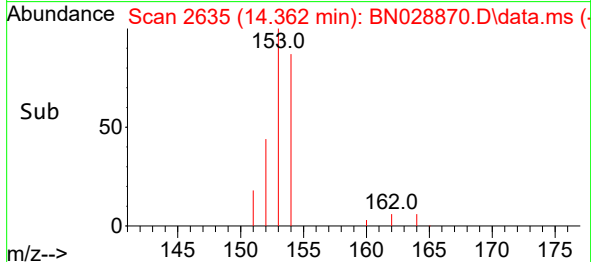
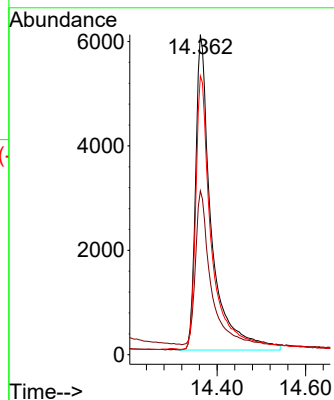
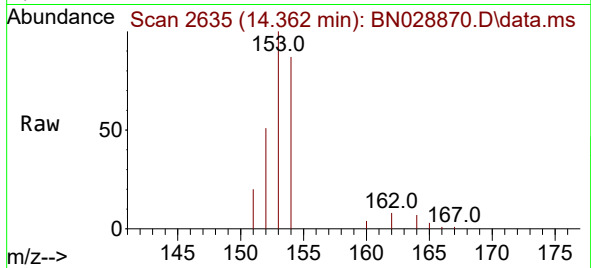




#11
Acenaphthene
Concen: 0.427 ng/ul
RT: 14.362 min Scan# 2635
Delta R.T. -0.001 min
Lab File: BN028870.D
Acq: 24 Nov 2023 22:24

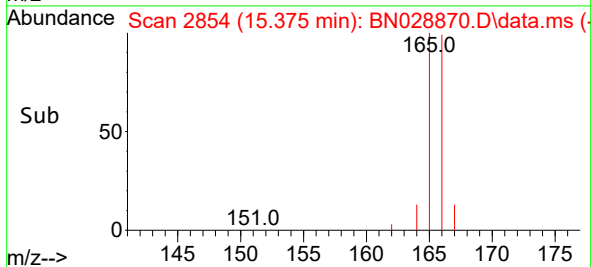
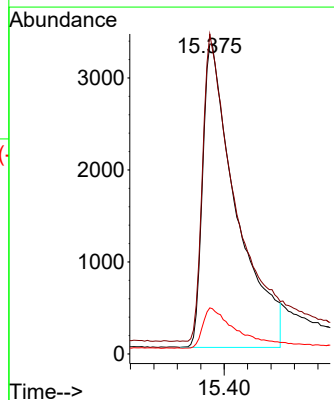
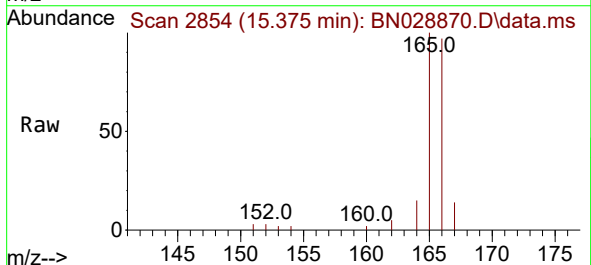
Instrument :
BNA_N
ClientSampleId :
SSTD0.4332

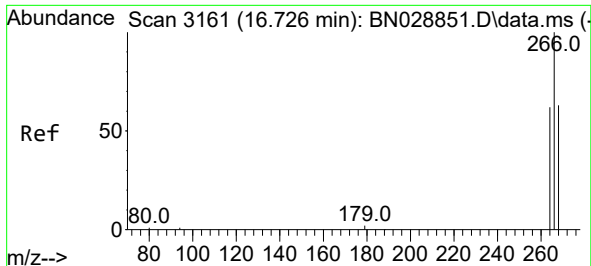
Tgt Ion:153 Resp: 15054
Ion Ratio Lower Upper
153 100
152 51.2 39.6 59.4
154 87.1 71.0 106.6



#12
Fluorene
Concen: 0.320 ng/ul
RT: 15.375 min Scan# 2854
Delta R.T. 0.008 min
Lab File: BN028870.D
Acq: 24 Nov 2023 22:24

Tgt Ion:166 Resp: 13128
Ion Ratio Lower Upper
166 100
165 103.3 78.6 118.0
167 14.9 11.0 16.6

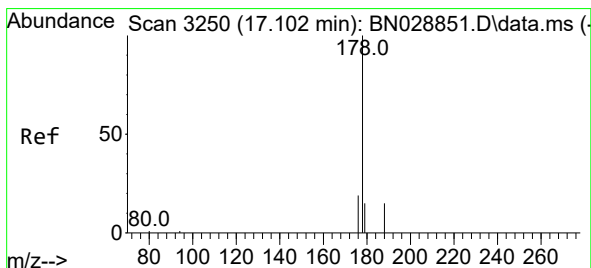
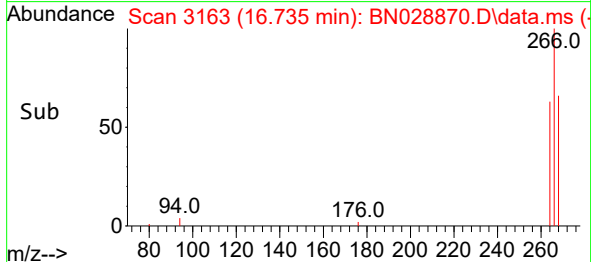
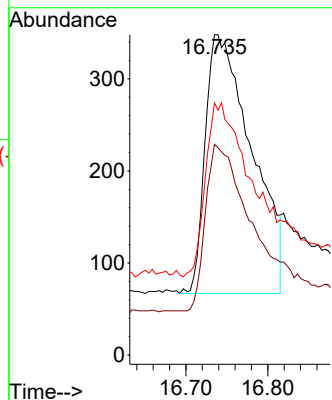
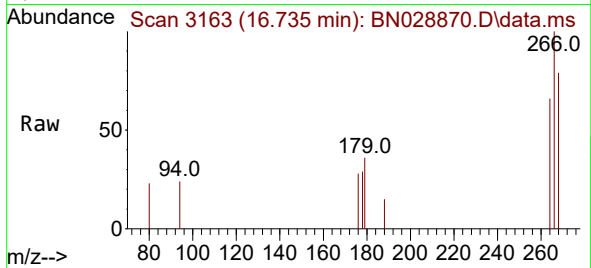




#14
 Pentachlorophenol
 Concen: 0.335 ng/ul
 RT: 16.735 min Scan# 3163
 Delta R.T. 0.012 min
 Lab File: BN028870.D
 Acq: 24 Nov 2023 22:24

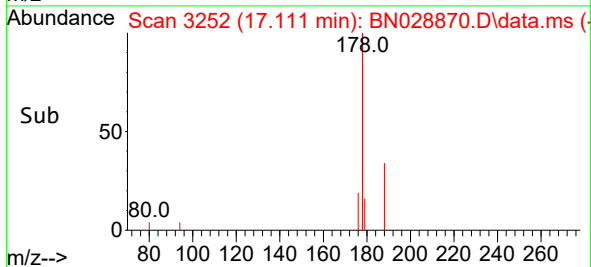
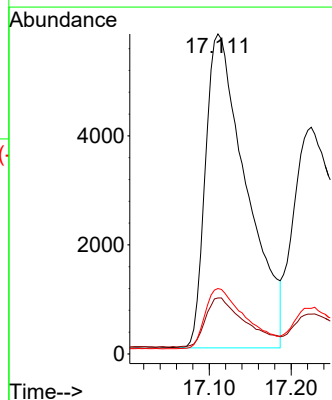
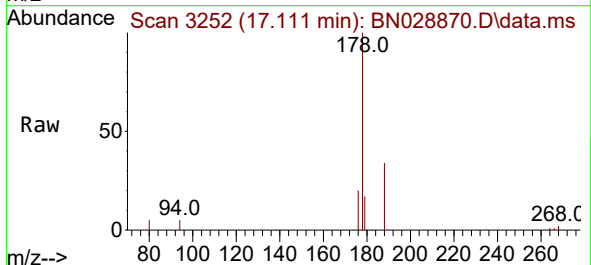
Instrument :
 BNA_N
 ClientSampleId :
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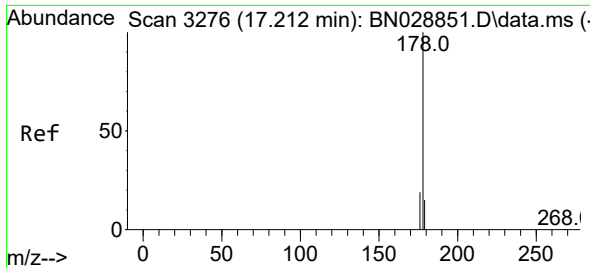
Tgt Ion:266 Resp: 1110
 Ion Ratio Lower Upper
 266 100
 264 61.8 50.1 75.1
 268 68.0 50.6 75.8



#15
 Phenanthrene
 Concen: 0.471 ng/ul
 RT: 17.111 min Scan# 3252
 Delta R.T. 0.008 min
 Lab File: BN028870.D
 Acq: 24 Nov 2023 22:24

Tgt Ion:178 Resp: 20022
 Ion Ratio Lower Upper
 178 100
 179 17.5 12.4 18.6
 176 20.4 15.4 23.2

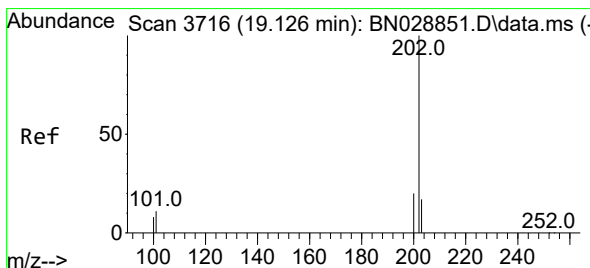
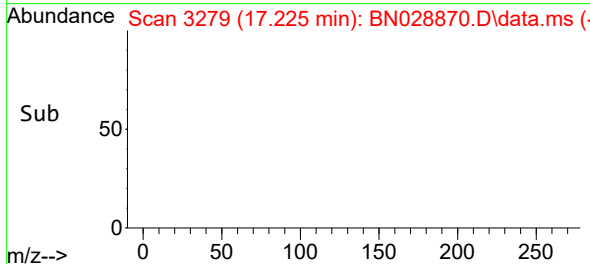
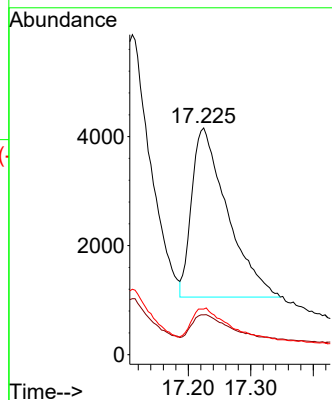
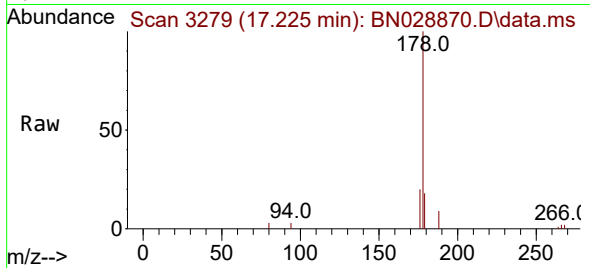




#16
 Anthracene
 Concen: 0.315 ng/ul
 RT: 17.225 min Scan# 31
 Delta R.T. 0.020 min
 Lab File: BN028870.D
 Acq: 24 Nov 2023 22:24

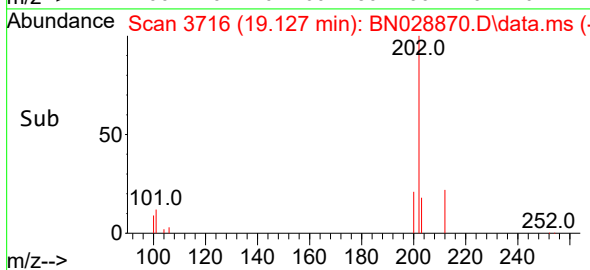
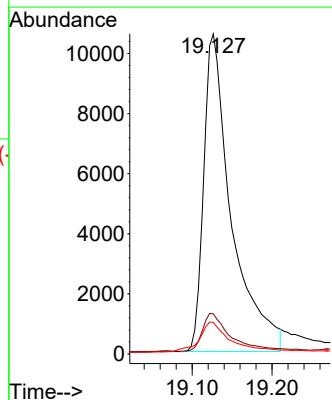
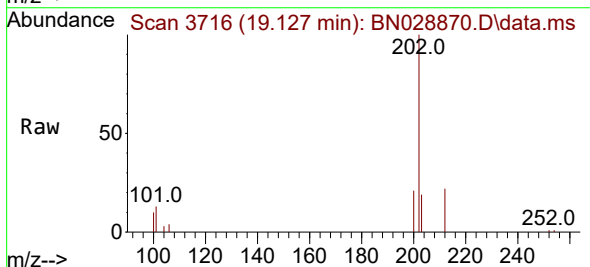
Instrument :
 BNA_N
 ClientSampleId :
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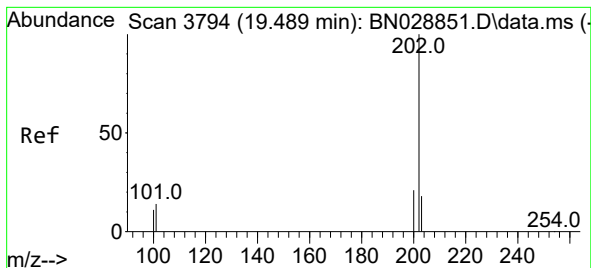
Tgt Ion:178 Resp: 12262
 Ion Ratio Lower Upper
 178 100
 179 17.6 12.6 18.8
 176 20.1 14.9 22.3



#19
 Fluoranthene
 Concen: 0.428 ng/ul
 RT: 19.127 min Scan# 3716
 Delta R.T. 0.004 min
 Lab File: BN028870.D
 Acq: 24 Nov 2023 22:24

Tgt Ion:202 Resp: 25459
 Ion Ratio Lower Upper
 202 100
 101 12.5 9.5 14.3
 100 9.9 7.2 10.8





#20

Pyrene

Concen: 0.467 ng/ul

RT: 19.489 min Scan# 31

Delta R.T. 0.004 min

Lab File: BN028870.D

Acq: 24 Nov 2023 22:24

Instrument :

BNA_N

ClientSampleId :

SSTD0.4332

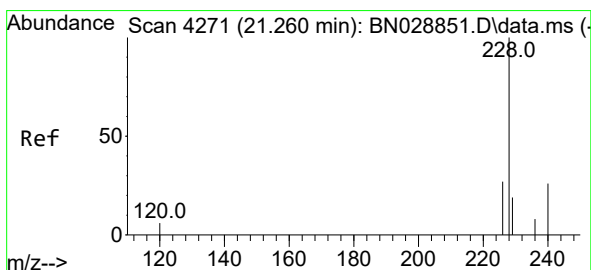
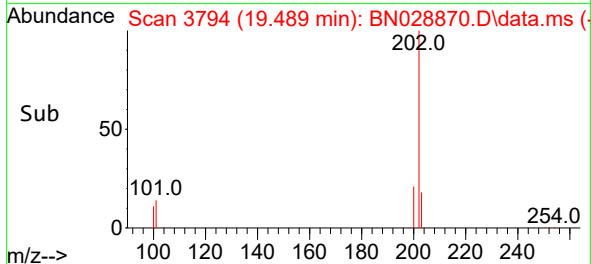
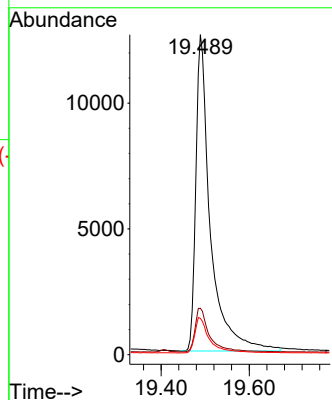
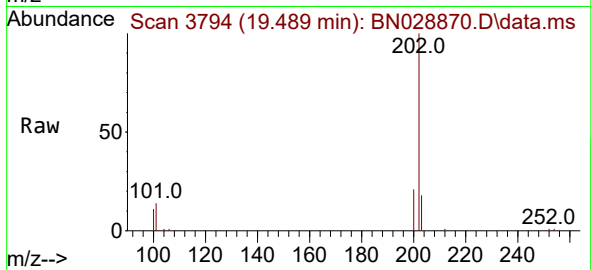
Tgt Ion:202 Resp: 28790

Ion Ratio Lower Upper

202 100

101 14.5 10.3 15.5

100 11.4 8.2 12.2



#21

Benzo(a)anthracene

Concen: 0.298 ng/ul

RT: 21.263 min Scan# 4272

Delta R.T. 0.008 min

Lab File: BN028870.D

Acq: 24 Nov 2023 22:24

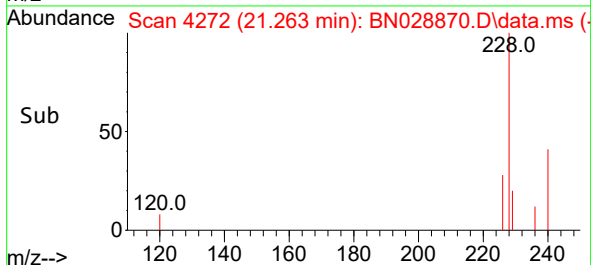
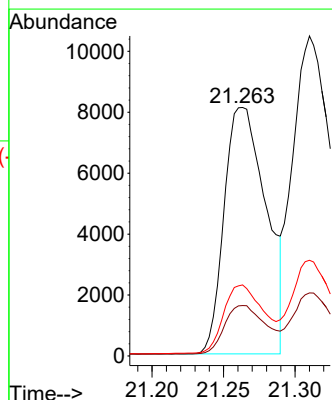
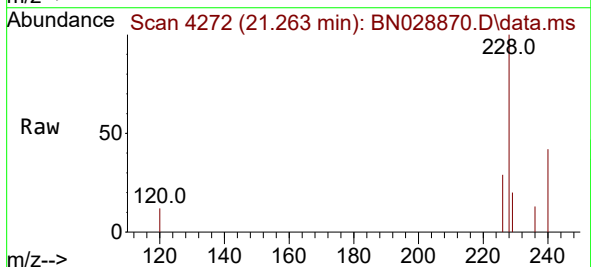
Tgt Ion:228 Resp: 16498

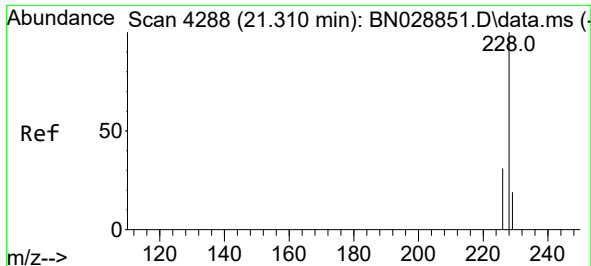
Ion Ratio Lower Upper

228 100

229 20.3 15.7 23.5

226 28.6 21.4 32.0





#22

Chrysene

Concen: 0.387 ng/ul

RT: 21.310 min Scan# 4288

Delta R.T. 0.005 min

Lab File: BN028870.D

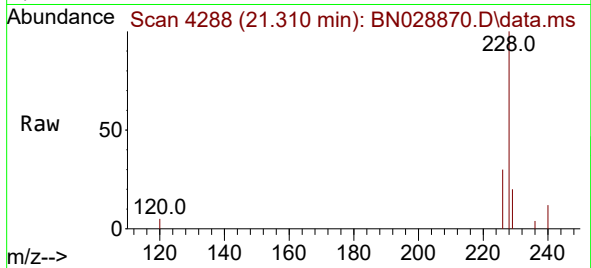
Acq: 24 Nov 2023 22:24

Instrument :

BNA_N

ClientSampleId :

SSTD0.4332



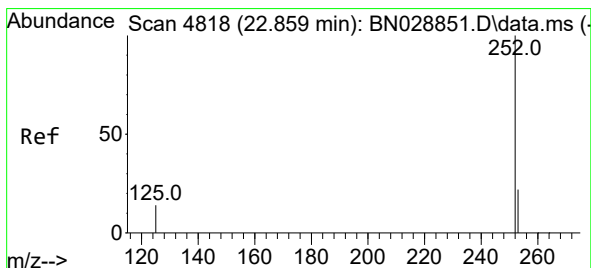
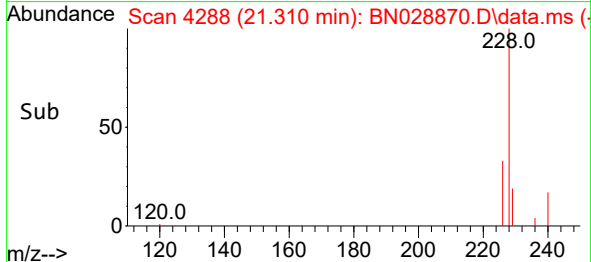
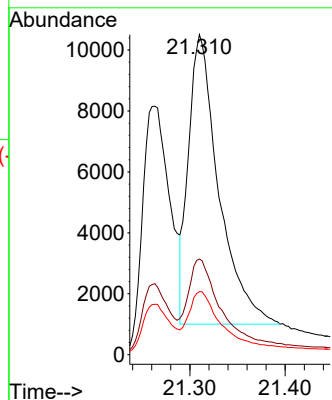
Tgt Ion:228 Resp: 20933

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

229 19.7 15.4 23.2



#24

Benzo(b)fluoranthene

Concen: 0.386 ng/ul

RT: 22.859 min Scan# 4818

Delta R.T. 0.005 min

Lab File: BN028870.D

Acq: 24 Nov 2023 22:24

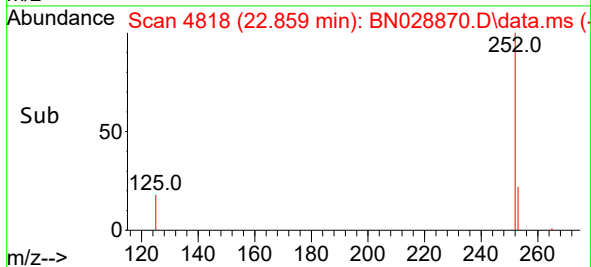
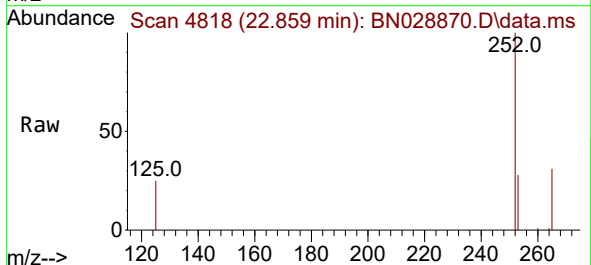
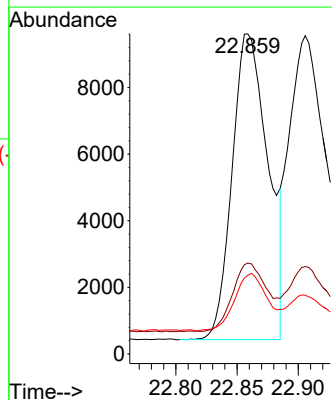
Tgt Ion:252 Resp: 18728

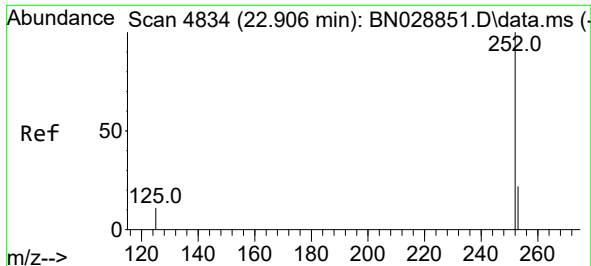
Ion Ratio Lower Upper

252 100

253 28.4 0.0 46.6

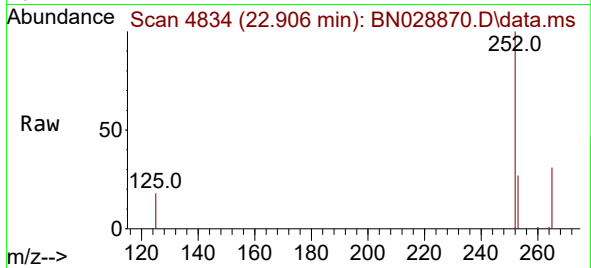
125 24.6 0.0 27.6



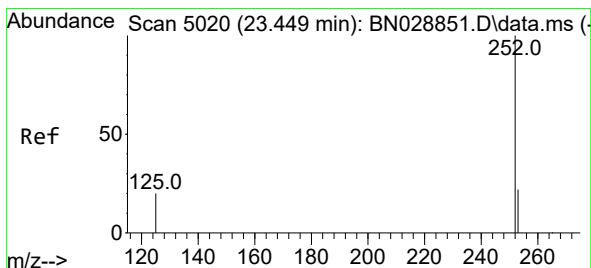
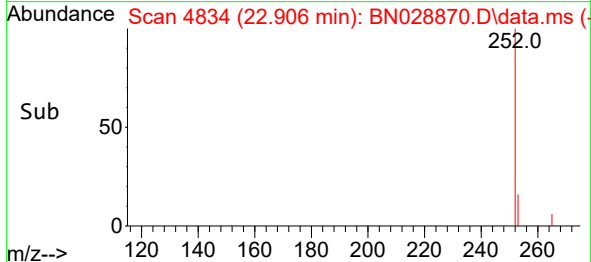
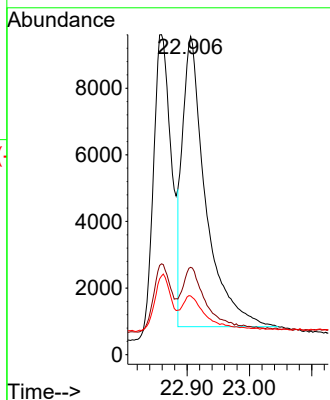


#25
Benzo(k)fluoranthene
Concen: 0.442 ng/ul
RT: 22.906 min Scan# 4834
Delta R.T. 0.002 min
Lab File: BN028870.D
Acq: 24 Nov 2023 22:24

Instrument :
BNA_N
ClientSampleId :
SSTD0.4332

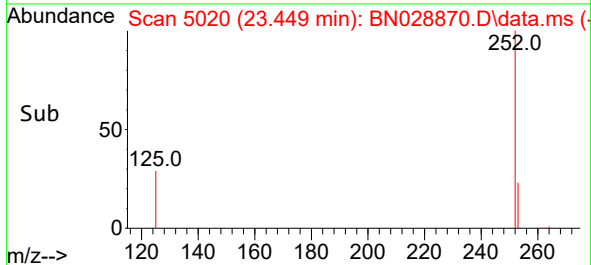
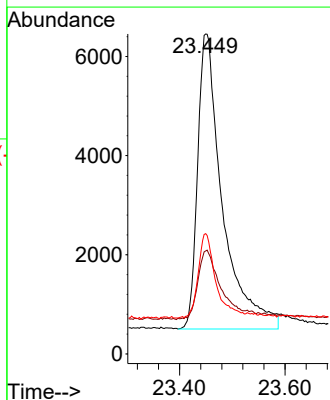
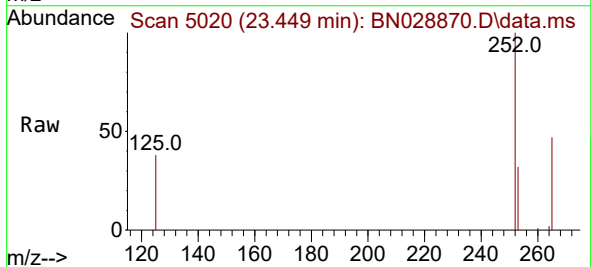


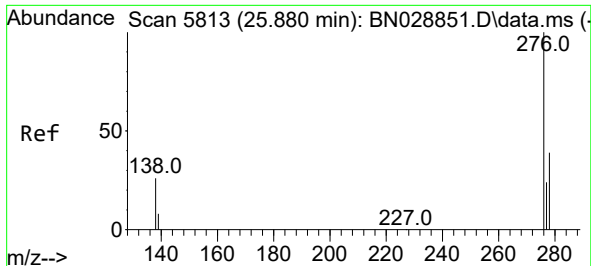
Tgt Ion:252 Resp: 22462
Ion Ratio Lower Upper
252 100
253 27.5 18.6 28.0
125 18.5 12.7 19.1



#26
Benzo(a)pyrene
Concen: 0.426 ng/ul
RT: 23.449 min Scan# 5020
Delta R.T. 0.005 min
Lab File: BN028870.D
Acq: 24 Nov 2023 22:24

Tgt Ion:252 Resp: 19494
Ion Ratio Lower Upper
252 100
253 32.2 19.0 28.6#
125 37.6 13.2 19.8#

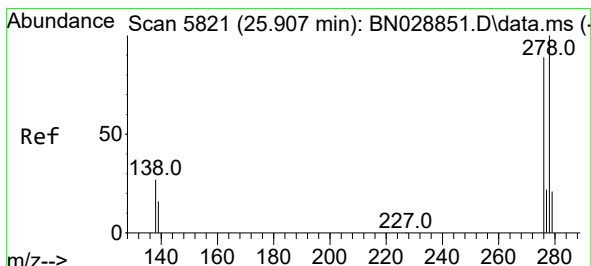
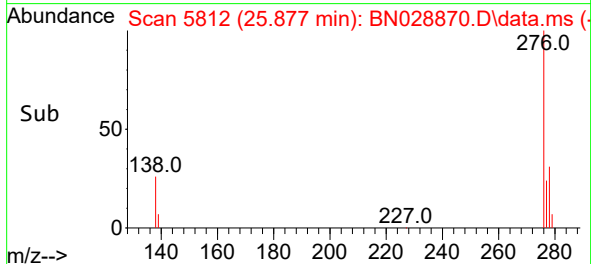
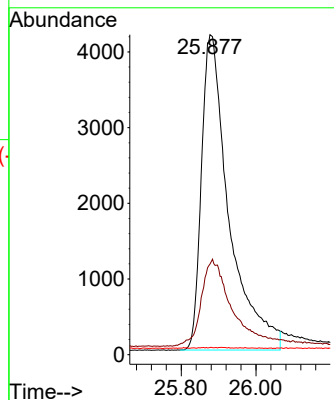
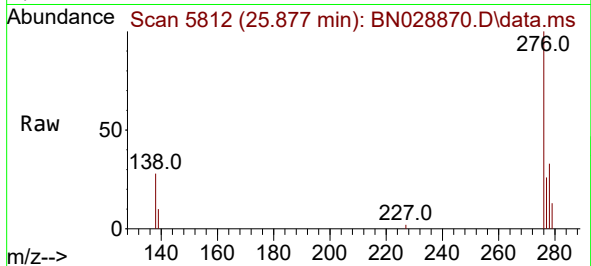




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.420 ng/ul
 RT: 25.877 min Scan# 5812
 Delta R.T. 0.003 min
 Lab File: BN028870.D
 Acq: 24 Nov 2023 22:24

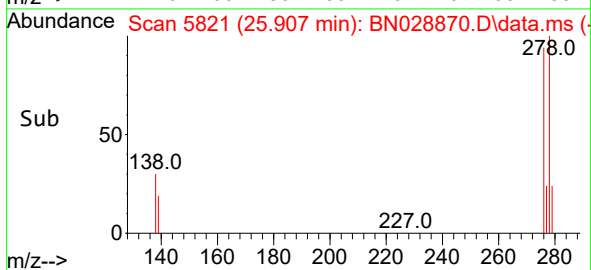
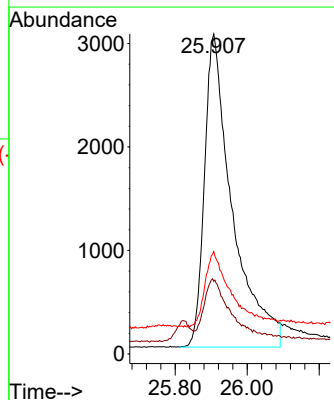
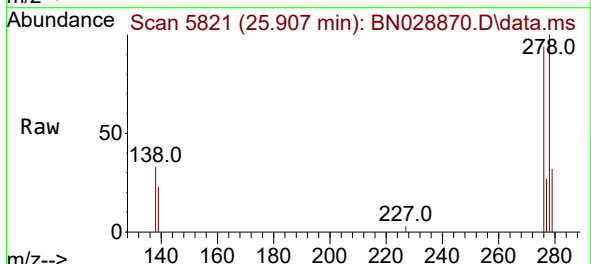
Instrument :
 BNA_N
 ClientSampleId :
 SST0.4332

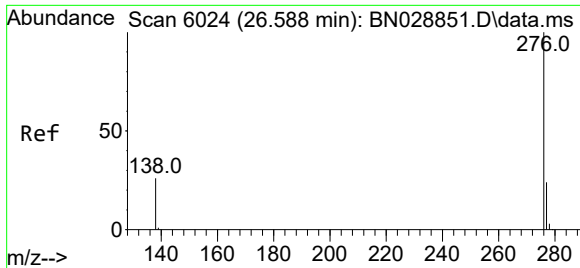
Tgt Ion:276 Resp: 21350
 Ion Ratio Lower Upper
 276 100
 138 30.7 23.8 35.6
 227 0.0 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.399 ng/ul
 RT: 25.907 min Scan# 5821
 Delta R.T. 0.009 min
 Lab File: BN028870.D
 Acq: 24 Nov 2023 22:24

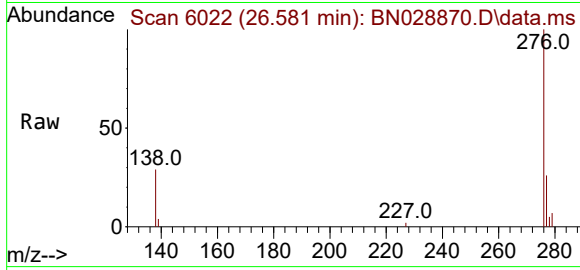
Tgt Ion:278 Resp: 16224
 Ion Ratio Lower Upper
 278 100
 139 22.7 18.2 27.4
 279 32.0 20.7 31.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.450 ng/ul
 RT: 26.581 min Scan# 6022
 Delta R.T. 0.003 min
 Lab File: BN028870.D
 Acq: 24 Nov 2023 22:24

Instrument :
 BNA_N
 ClientSampleId :
 SST00.4332



Tgt Ion:	276	Resp:	18738
Ion Ratio	Lower	Upper	
276	100		
138	28.7	20.5	30.7
277	25.9	19.4	29.0

