

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
 Data File : BN027476.D
 Acq On : 08 Sep 2023 13:14
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

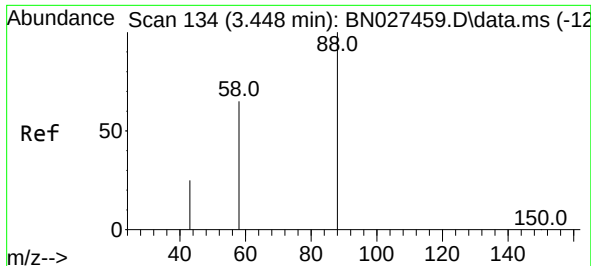
Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 09 00:08:56 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	8249	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	28210	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	16365	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.426	188	34526	0.400	ng/ul	0.00
17) Chrysene-d12	21.603	240	23540	0.400	ng/ul	0.00
23) Perylene-d12	24.114	264	21731	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	3740	0.341	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	19016	0.444	ng/ul	0.00
18) Fluoranthene-d10	19.445	212	37085	0.460	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.448	88	3804	0.343	ng/ul	92
5) Naphthalene	10.916	128	33950	0.415	ng/ul	99
7) 2-Methylnaphthalene	12.517	142	22344	0.436	ng/ul	99
8) 1-Methylnaphthalene	12.736	142	22988	0.421	ng/ul	100
10) Acenaphthylene	14.407	152	31920	0.426	ng/ul	99
11) Acenaphthene	14.740	153	24914	0.387	ng/ul	97
12) Fluorene	15.721	166	28032	0.388	ng/ul	100
14) Pentachlorophenol	17.054	266	2831	0.421	ng/ul	99
15) Phenanthrene	17.468	178	44335	0.394	ng/ul	99
16) Anthracene	17.561	178	38957	0.436	ng/ul	99
19) Fluoranthene	19.478	202	47761	0.441	ng/ul	97
20) Pyrene	19.840	202	47830	0.434	ng/ul	97
21) Benzo(a)anthracene	21.583	228	37760	0.445	ng/ul	100
22) Chrysene	21.641	228	37089	0.375	ng/ul	99
24) Benzo(b)fluoranthene	23.331	252	34925	0.340	ng/ul	97
25) Benzo(k)fluoranthene	23.380	252	34449	0.343	ng/ul	97
26) Benzo(a)pyrene	23.997	252	29597	0.369	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.757	276	36907	0.415	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.784	278	29587	0.435	ng/ul	95
29) Benzo(g,h,i)perylene	27.582	276	30573	0.381	ng/ul	97

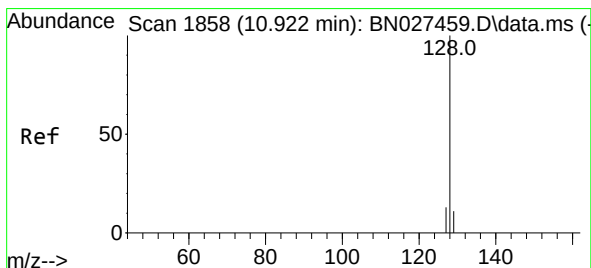
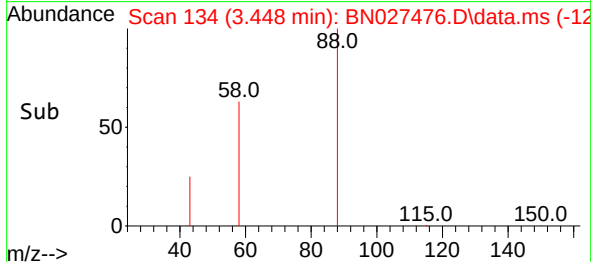
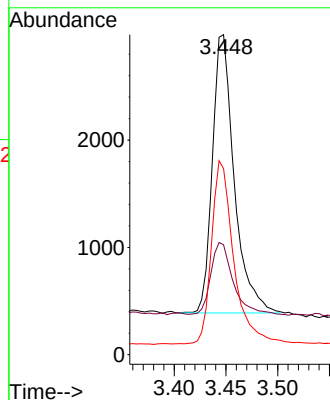
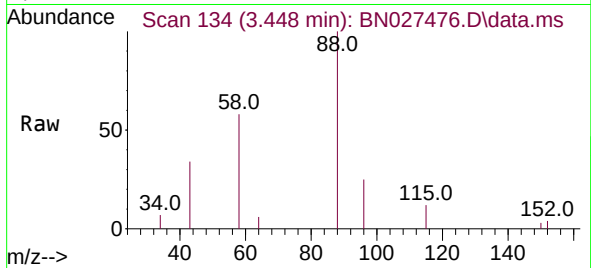
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 0.343 ng/ul
RT: 3.448 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027476.D
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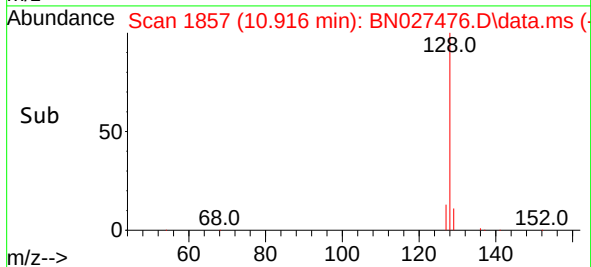
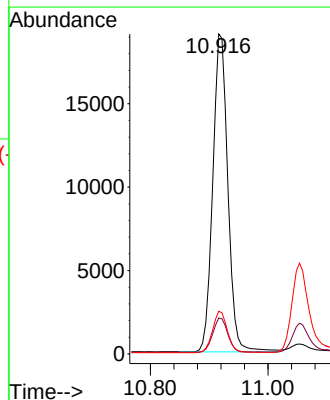
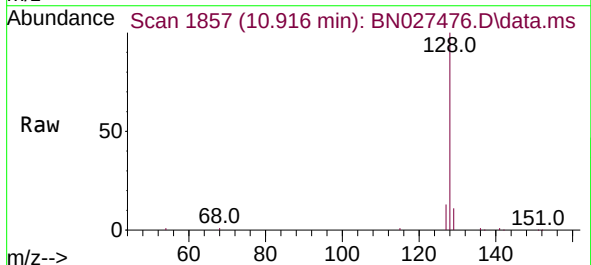
Instrument :
BNA_N
ClientSampleId :

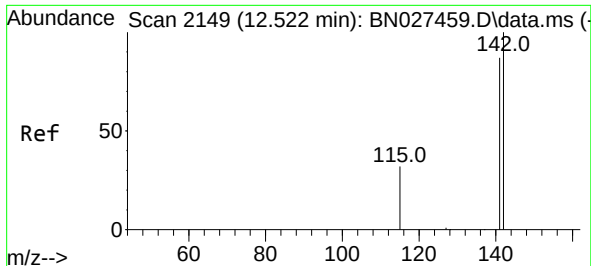
Tgt Ion: 88 Resp: 3804
Ion Ratio Lower Upper
88 100
43 34.4 26.8 40.2
58 58.2 39.9 59.9



#5
Naphthalene
Concen: 0.415 ng/ul
RT: 10.916 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BN027476.D
Acq: 08 Sep 2023 13:14

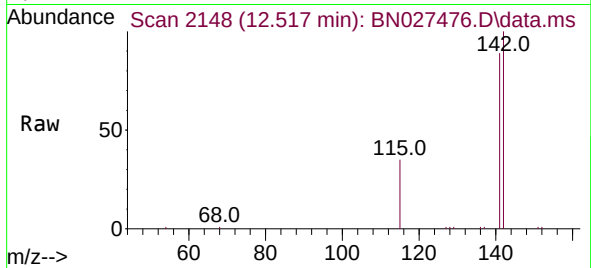
Tgt Ion:128 Resp: 33950
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 13.3 10.6 16.0



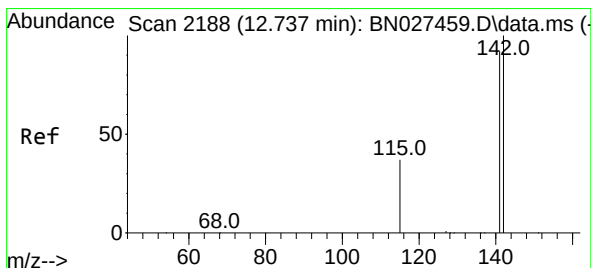
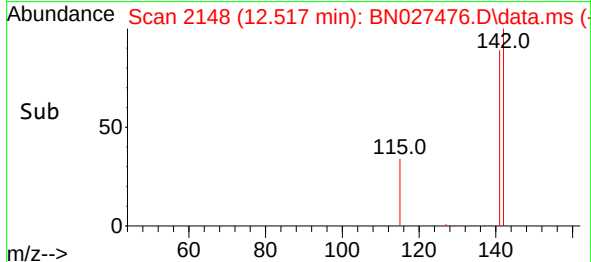
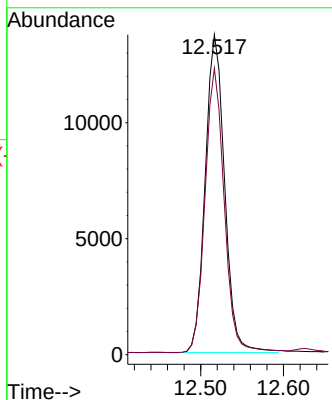


#7
2-Methylnaphthalene
Concen: 0.436 ng/ul
RT: 12.517 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BN027476.D
Acq: 08 Sep 2023 13:14

Instrument :
BNA_N
ClientSampleId :

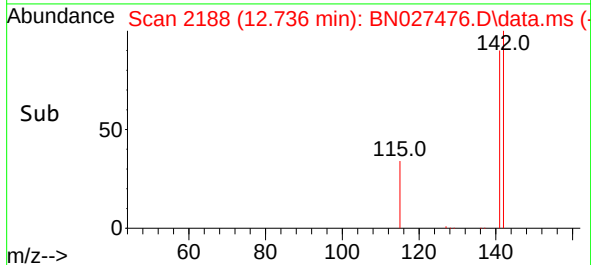
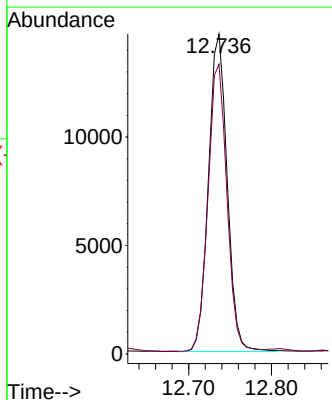
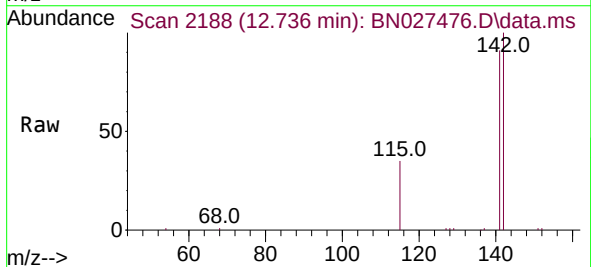


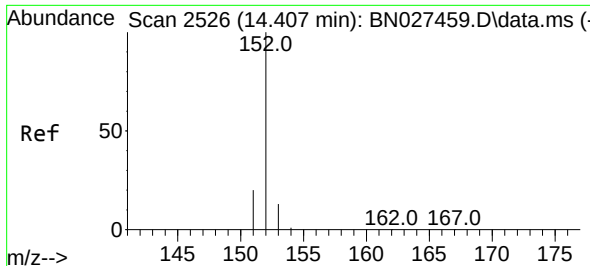
Tgt Ion:142 Resp: 22344
Ion Ratio Lower Upper
142 100
141 88.4 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.421 ng/ul
RT: 12.736 min Scan# 2188
Delta R.T. -0.000 min
Lab File: BN027476.D
Acq: 08 Sep 2023 13:14

Tgt Ion:142 Resp: 22988
Ion Ratio Lower Upper
142 100
141 91.2 73.0 109.4

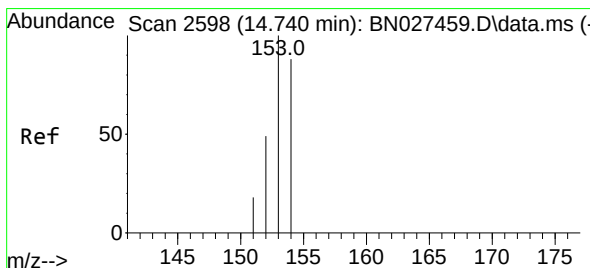
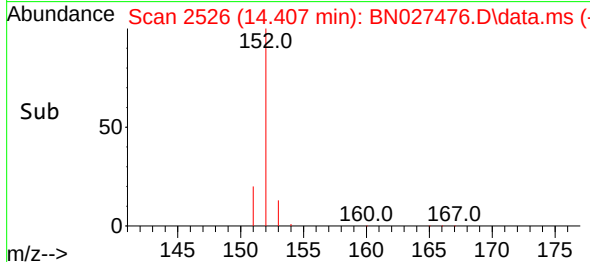
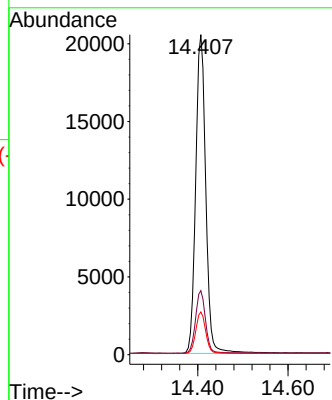
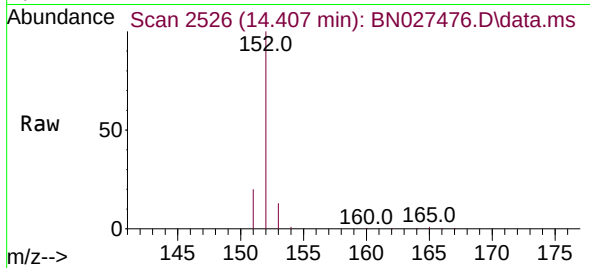




#10
Acenaphthylene
Concen: 0.426 ng/ul
RT: 14.407 min Scan# 2526
Delta R.T. -0.000 min
Lab File: BN027476.D
Acq: 08 Sep 2023 13:14

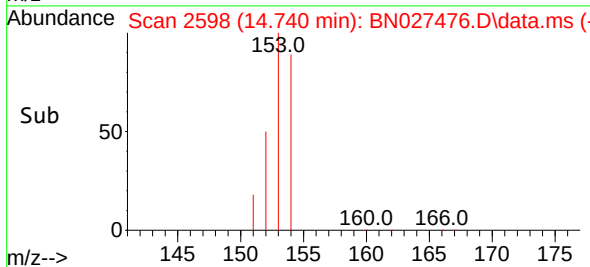
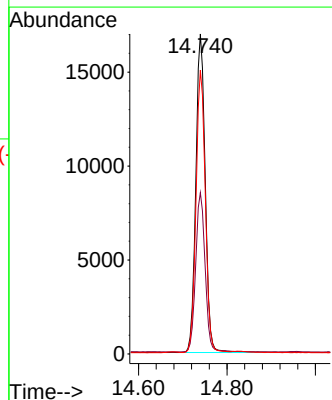
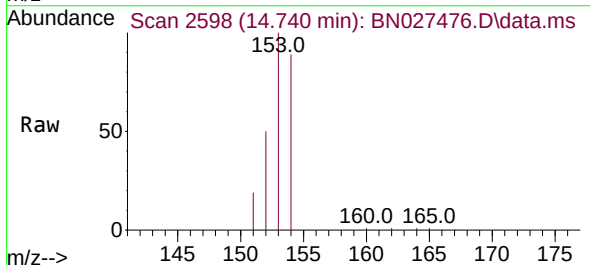
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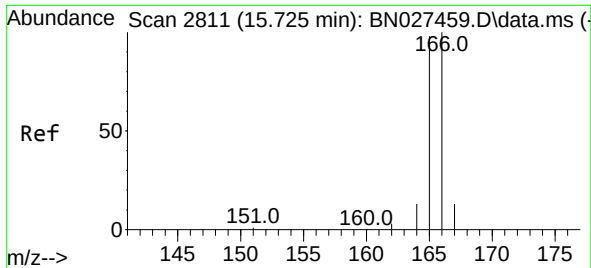
Tgt Ion:152 Resp: 31920
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.4 11.1 16.7



#11
Acenaphthene
Concen: 0.387 ng/ul
RT: 14.740 min Scan# 2598
Delta R.T. -0.000 min
Lab File: BN027476.D
Acq: 08 Sep 2023 13:14

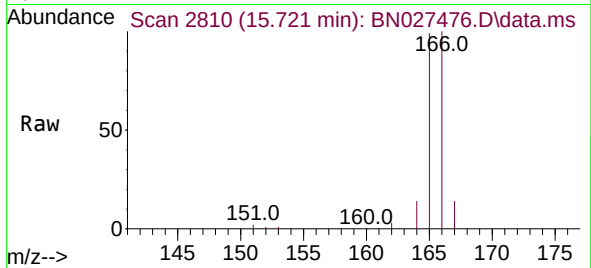
Tgt Ion:153 Resp: 24914
Ion Ratio Lower Upper
153 100
152 50.4 42.9 64.3
154 88.7 69.4 104.0



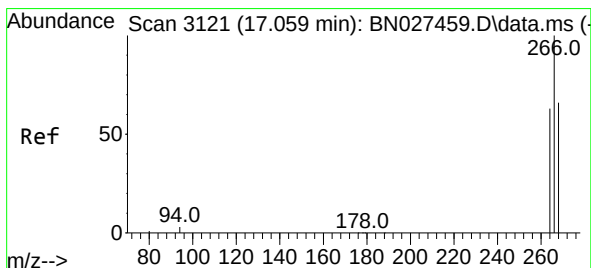
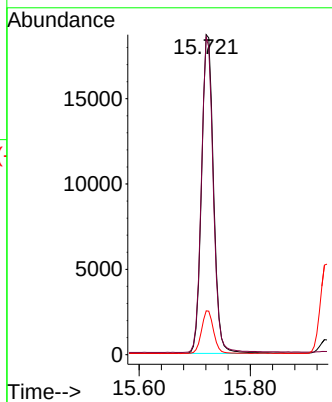
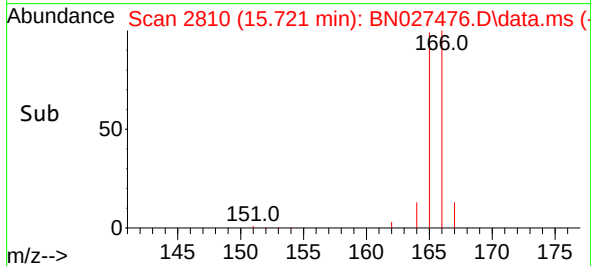


#12
 Fluorene
 Concen: 0.388 ng/ul
 RT: 15.721 min Scan# 2811
 Delta R.T. -0.005 min
 Lab File: BN027476.D
 Acq: 08 Sep 2023 13:14

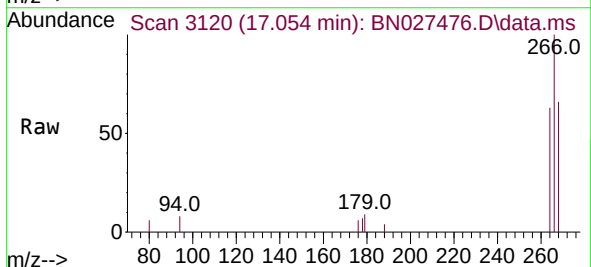
Instrument :
 BNA_N
 ClientSampleId :



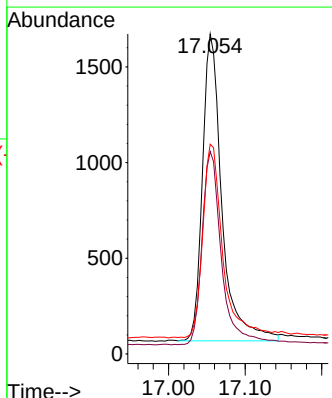
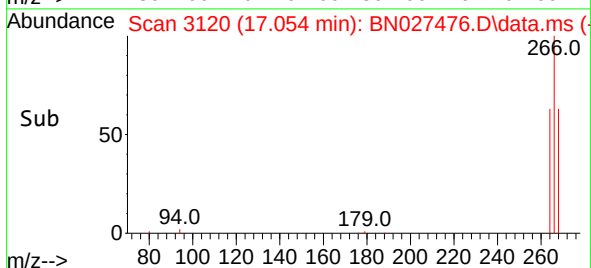
Tgt Ion:166 Resp: 28032
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.6 119.4
 167 13.7 11.4 17.0

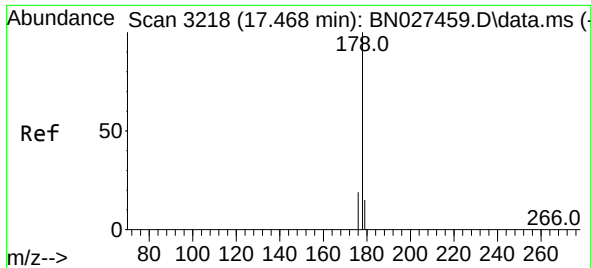


#14
 Pentachlorophenol
 Concen: 0.421 ng/ul
 RT: 17.054 min Scan# 3120
 Delta R.T. -0.004 min
 Lab File: BN027476.D
 Acq: 08 Sep 2023 13:14



Tgt Ion:266 Resp: 2831
 Ion Ratio Lower Upper
 266 100
 264 63.3 50.4 75.6
 268 65.6 51.9 77.9

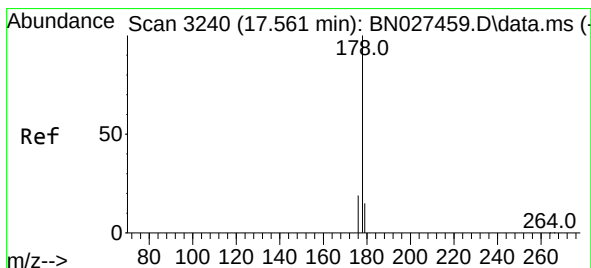
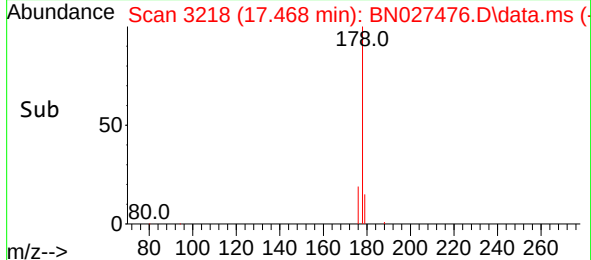
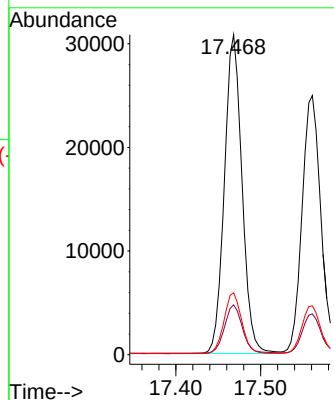
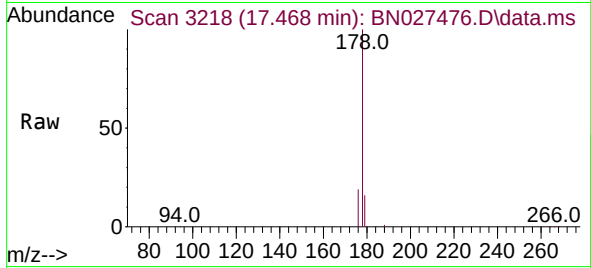




#15
Phenanthrene
Concen: 0.394 ng/ul
RT: 17.468 min Scan# 3218
Delta R.T. -0.000 min
Lab File: BN027476.D
Acq: 08 Sep 2023 13:14

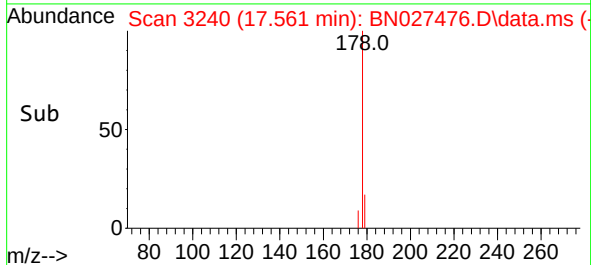
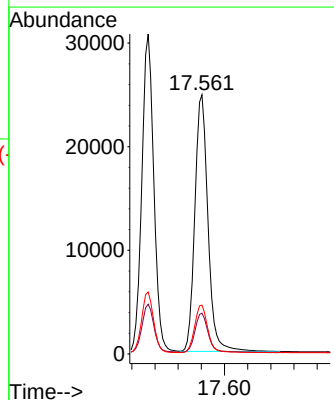
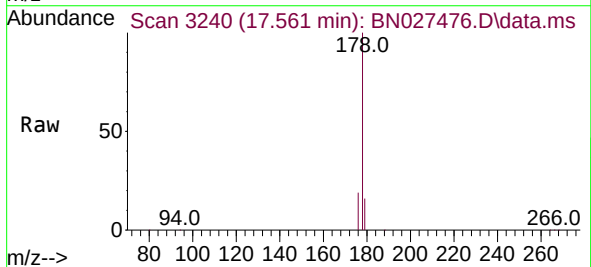
Instrument :
BNA_N
ClientSampleId :

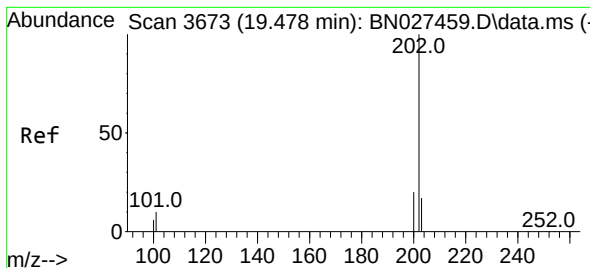
Tgt Ion:178 Resp: 44335
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.3 15.8 23.8



#16
Anthracene
Concen: 0.436 ng/ul
RT: 17.561 min Scan# 3240
Delta R.T. -0.000 min
Lab File: BN027476.D
Acq: 08 Sep 2023 13:14

Tgt Ion:178 Resp: 38957
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 18.8 15.6 23.4





#19

Fluoranthene

Concen: 0.441 ng/ul

RT: 19.478 min Scan# 3673

Delta R.T. -0.000 min

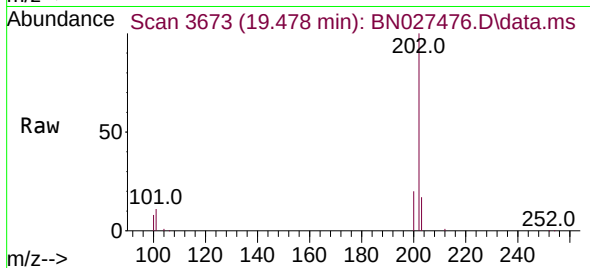
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Acq: 08 Sep 2023 13:14

Instrument :

BNA_N

ClientSampleId :



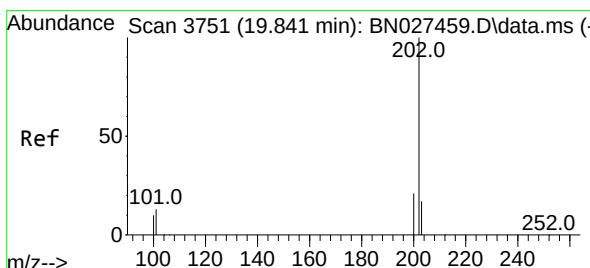
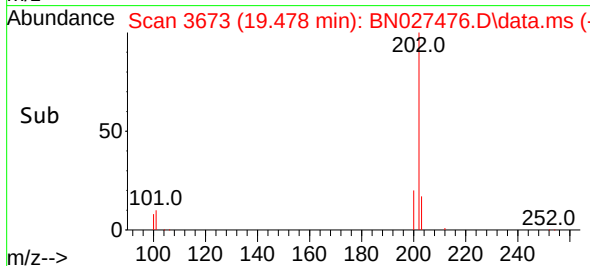
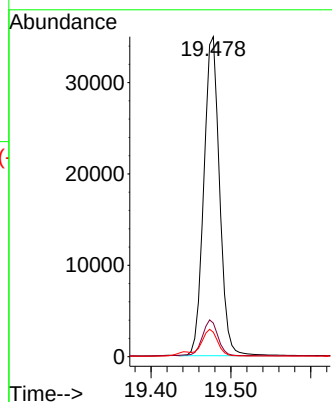
Tgt Ion:202 Resp: 47761

Ion Ratio Lower Upper

202 100

101 10.5 9.4 14.0

100 7.7 6.9 10.3



#20

Pyrene

Concen: 0.434 ng/ul

RT: 19.840 min Scan# 3751

Delta R.T. -0.000 min

Lab File: BN027476.D

Acq: 08 Sep 2023 13:14

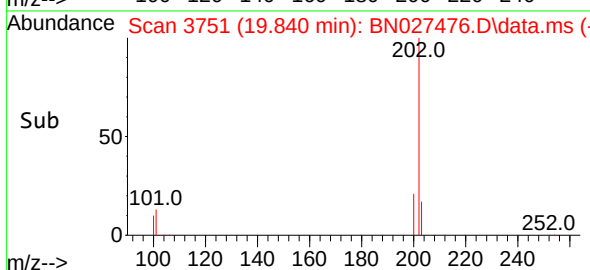
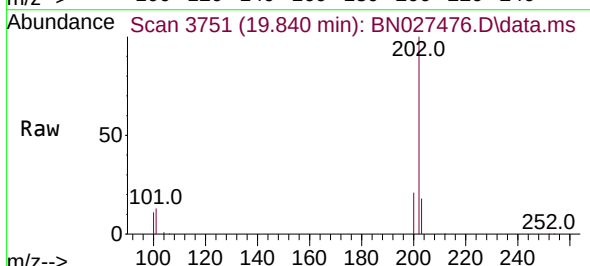
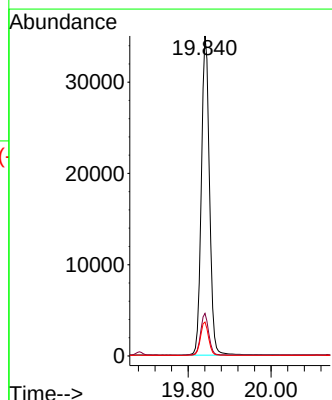
Tgt Ion:202 Resp: 47830

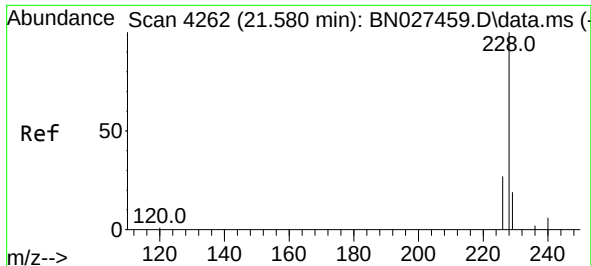
Ion Ratio Lower Upper

202 100

101 13.3 11.4 17.2

100 10.6 9.4 14.2

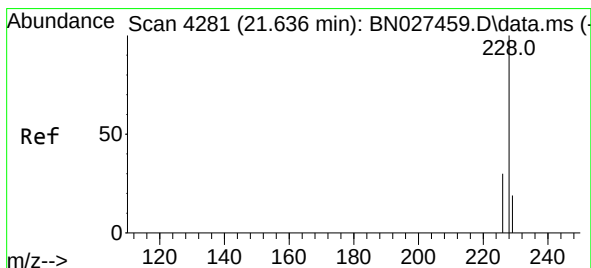
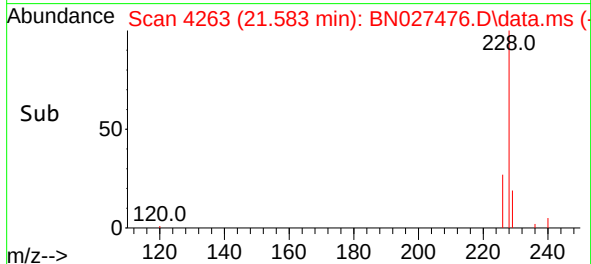
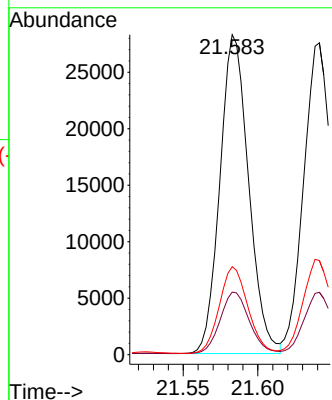
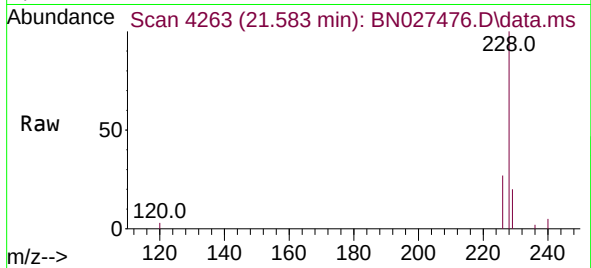




#21
Benzo(a)anthracene
Concen: 0.445 ng/ul
RT: 21.583 min Scan# 41
Delta R.T. 0.003 min
Lab File: BN027476.D
Acq: 08 Sep 2023 13:14

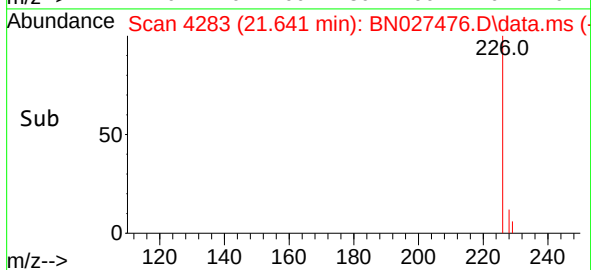
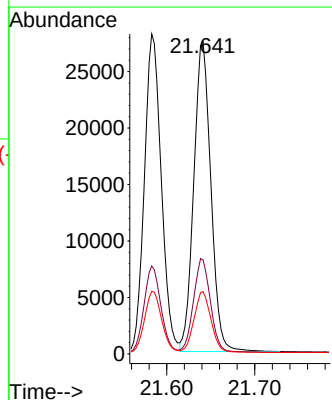
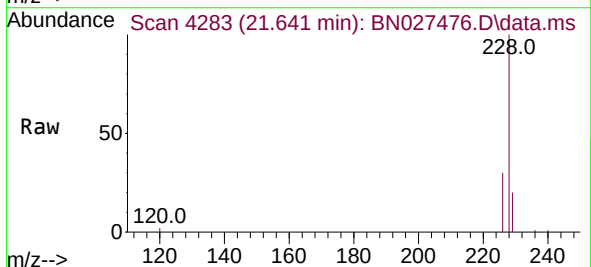
Instrument :
BNA_N
ClientSampleId :

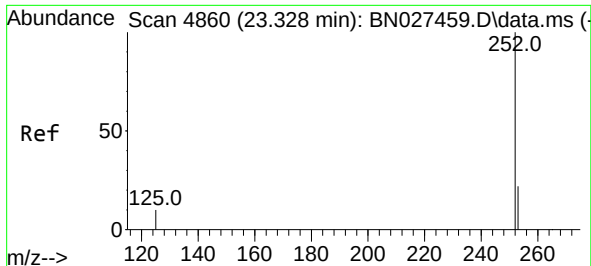
Tgt Ion:228 Resp: 37760
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 27.5 22.0 33.0



#22
Chrysene
Concen: 0.375 ng/ul
RT: 21.641 min Scan# 4283
Delta R.T. 0.006 min
Lab File: BN027476.D
Acq: 08 Sep 2023 13:14

Tgt Ion:228 Resp: 37089
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 20.0 15.6 23.4

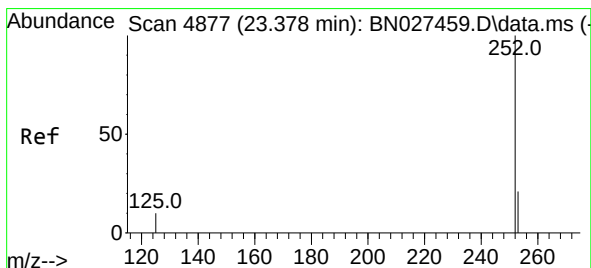
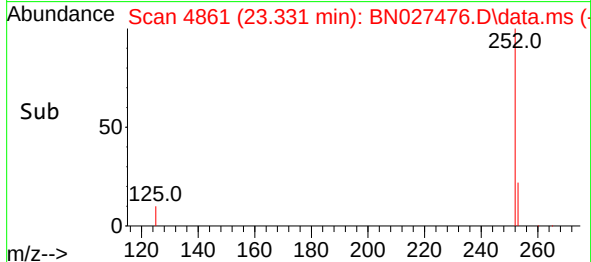
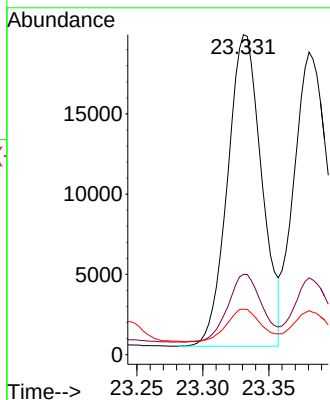
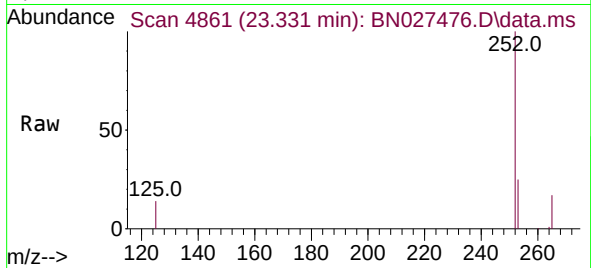




#24
Benzo(b)fluoranthene
Concen: 0.340 ng/ul
RT: 23.331 min Scan# 4861
Delta R.T. 0.003 min
Lab File: BN027476.D
Acq: 08 Sep 2023 13:14

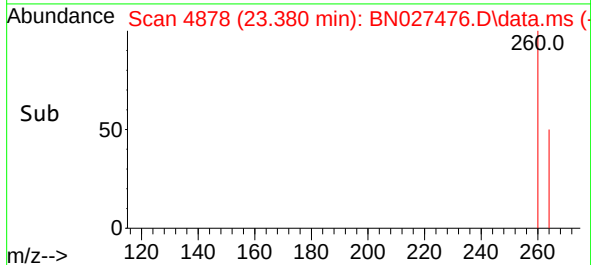
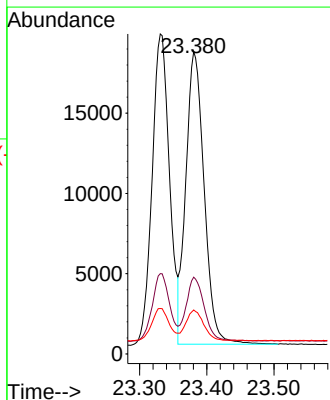
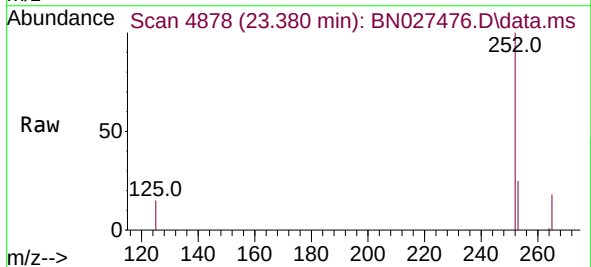
Instrument :
BNA_N
ClientSampleId :

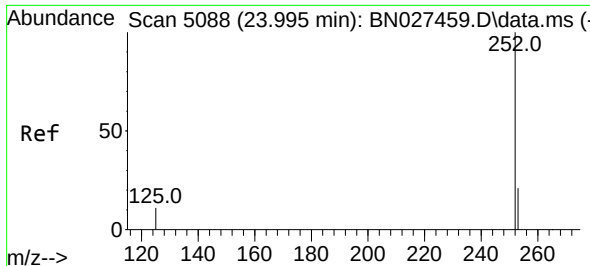
Tgt Ion:252 Resp: 34925
Ion Ratio Lower Upper
252 100
253 25.1 0.0 49.6
125 14.2 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.343 ng/ul
RT: 23.380 min Scan# 4878
Delta R.T. 0.003 min
Lab File: BN027476.D
Acq: 08 Sep 2023 13:14

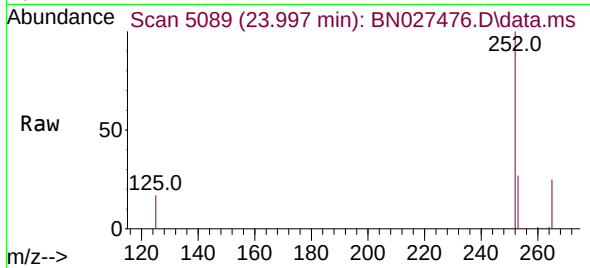
Tgt Ion:252 Resp: 34449
Ion Ratio Lower Upper
252 100
253 25.4 19.9 29.9
125 14.5 13.6 20.4



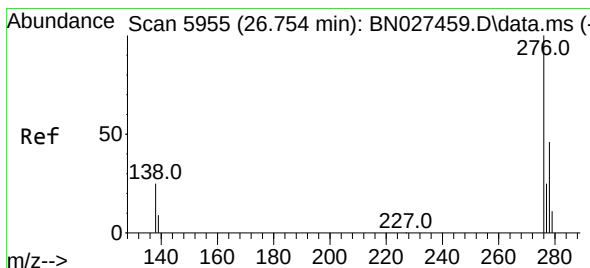
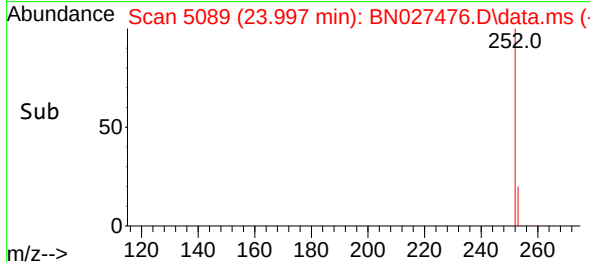
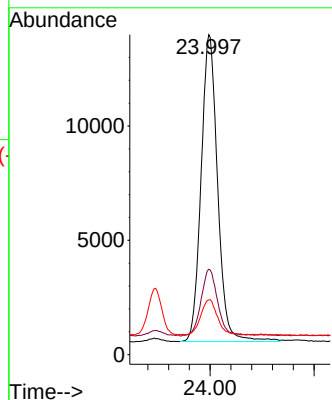


#26
Benzo(a)pyrene
Concen: 0.369 ng/ul
RT: 23.997 min Scan# 5089
Delta R.T. 0.003 min
Lab File: BN027476.D
Acq: 08 Sep 2023 13:14

Instrument :
BNA_N
ClientSampleId :

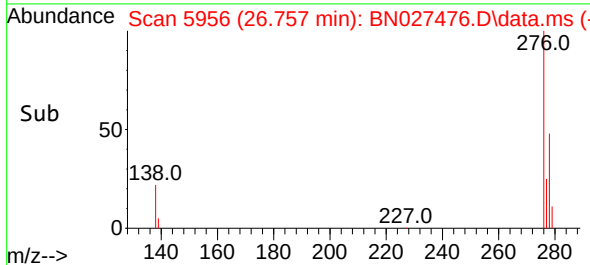
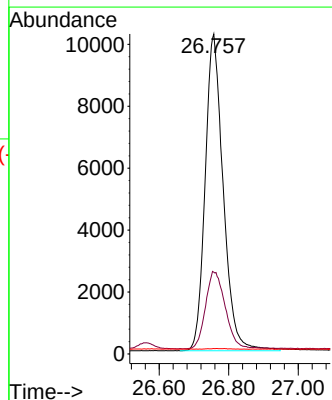
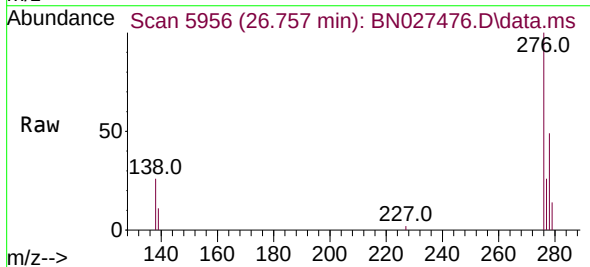


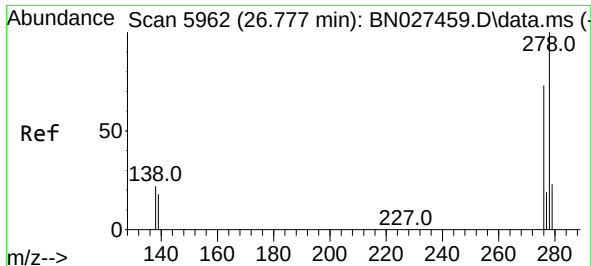
Tgt Ion:252 Resp: 29597
Ion Ratio Lower Upper
252 100
253 26.7 22.4 33.6
125 17.1 17.4 26.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.415 ng/ul
RT: 26.757 min Scan# 5956
Delta R.T. 0.003 min
Lab File: BN027476.D
Acq: 08 Sep 2023 13:14

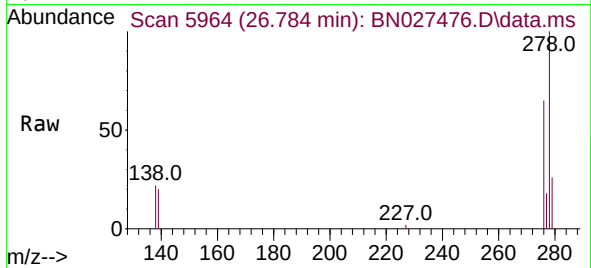
Tgt Ion:276 Resp: 36907
Ion Ratio Lower Upper
276 100
138 26.9 23.9 35.9
227 0.2 0.1 0.1#



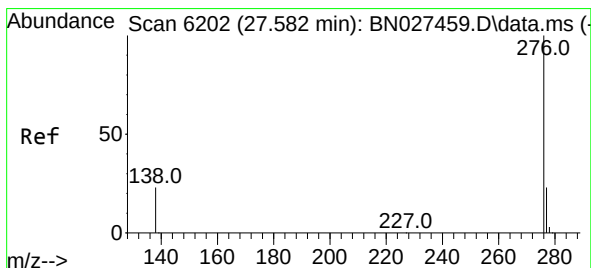
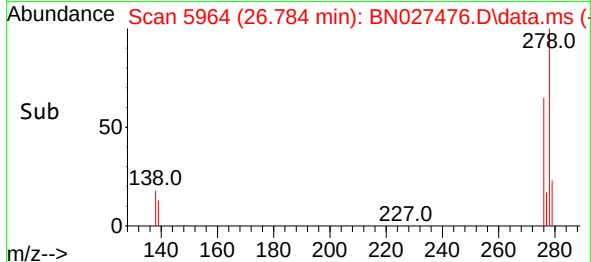
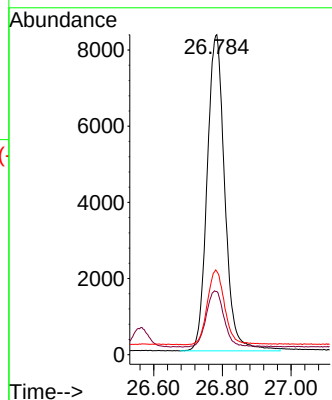


#28
 Dibenzo(a,h)anthracene
 Concen: 0.435 ng/ul
 RT: 26.784 min Scan# 5964
 Delta R.T. 0.006 min
 Lab File: BN027476.D
 Acq: 08 Sep 2023 13:14

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion: 278 Resp: 29587
 Ion Ratio Lower Upper
 278 100
 139 19.8 18.0 27.0
 279 26.0 22.7 34.1



#29
 Benzo(g,h,i)perylene
 Concen: 0.381 ng/ul
 RT: 27.582 min Scan# 6202
 Delta R.T. -0.001 min
 Lab File: BN027476.D
 Acq: 08 Sep 2023 13:14

Tgt Ion: 276 Resp: 30573
 Ion Ratio Lower Upper
 276 100
 138 24.5 22.1 33.1
 277 24.9 20.2 30.4

