

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028727.D
 Acq On : 18 Nov 2023 07:30
 Operator : MA/JU
 Sample : 05369-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 18 23:00:06 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 : Fri Nov 17 09:39:27 2023
 Response via : Initial Calibration

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

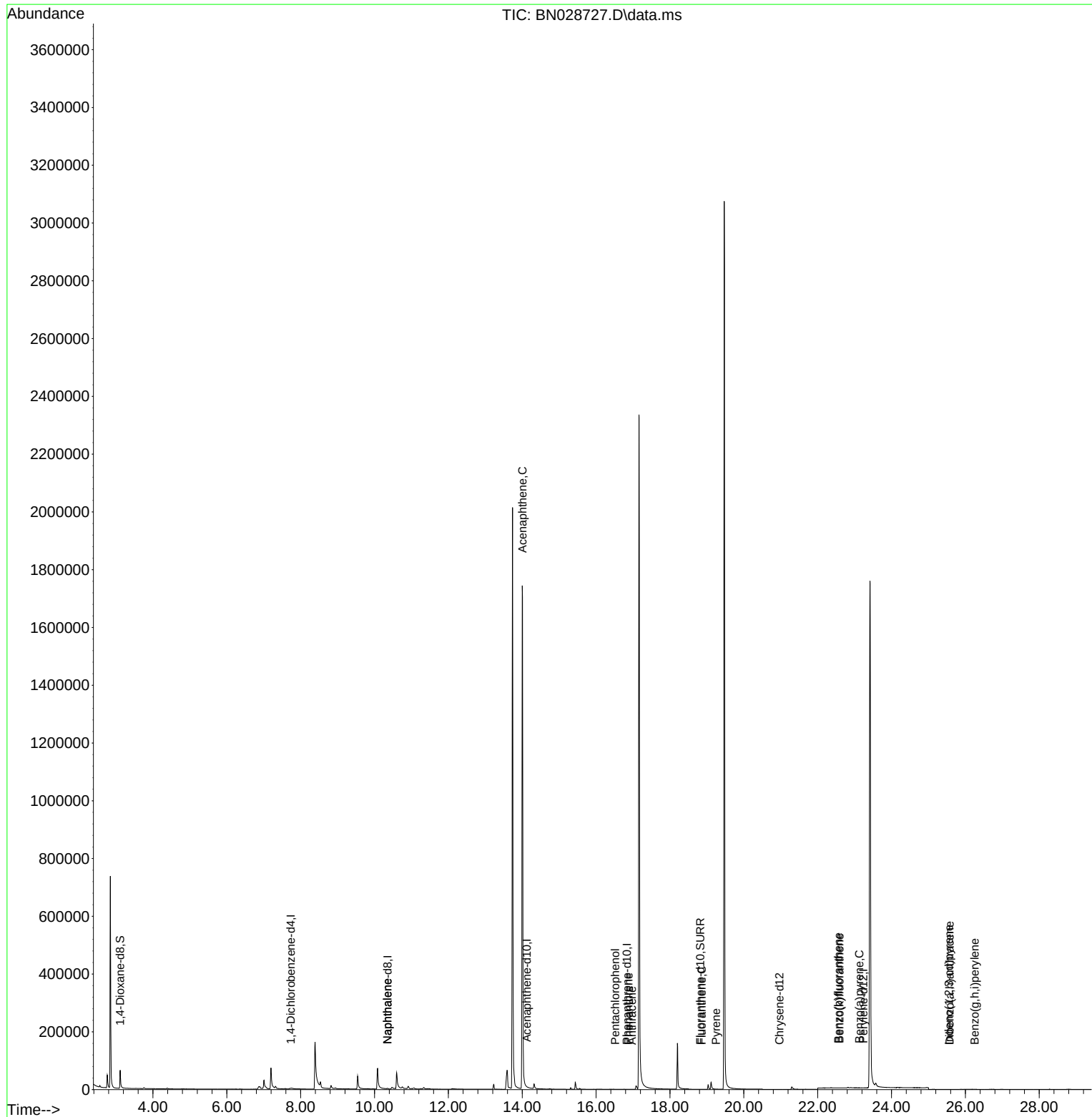
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	2883	0.400	ng/ul	#-0.06
4) Naphthalene-d8	10.352	136	983	0.400	ng/ul	#-0.14
9) Acenaphthene-d10	14.121	164	7	0.400	ng/ul	#-0.20
13) Phenanthrene-d10	16.832	188	7	0.400	ng/ul	#-0.26
17) Chrysene-d12	20.968	240	56	0.400	ng/ul	#-0.33
23) Perylene-d12	23.236	264	6	0.400	ng/ul	#-0.35
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.112	96	42357	13.293	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.991	152	16	0.011	ng/ul	-0.12
18) Fluoranthene-d10	18.824	212	11	0.061	ng/ul	-0.30
Target Compounds						
					Qvalue	
5) Naphthalene	10.347	128	137	0.050	ng/ul#	1
11) Acenaphthene	14.006	153	1539	59.861	ng/ul#	1
14) Pentachlorophenol	16.515	266	4	2.381	ng/ul#	36
15) Phenanthrene	16.878	178	126	5.859	ng/ul#	1
16) Anthracene	16.967	178	7	0.355	ng/ul#	1
19) Fluoranthene	18.861	202	8	0.034	ng/ul#	1
20) Pyrene	19.252	202	6	0.024	ng/ul#	1
24) Benzo(b)fluoranthene	22.558	252	16	0.710	ng/ul#	1
25) Benzo(k)fluoranthene	22.593	252	19	0.806	ng/ul#	1
26) Benzo(a)pyrene	23.128	252	37	1.741	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.551	276	4	0.170	ng/ul#	45
28) Dibenzo(a,h)anthracene	25.575	278	3	0.159	ng/ul#	1
29) Benzo(g,h,i)perylene	26.249	276	2	0.103	ng/ul#	1

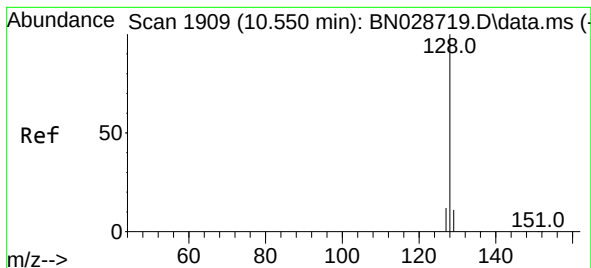
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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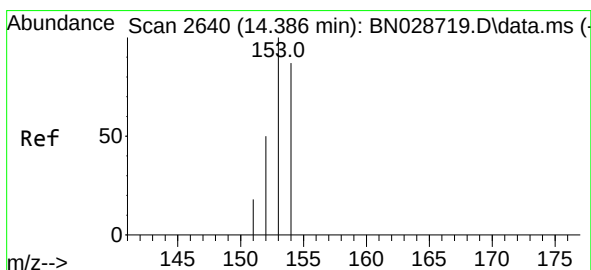
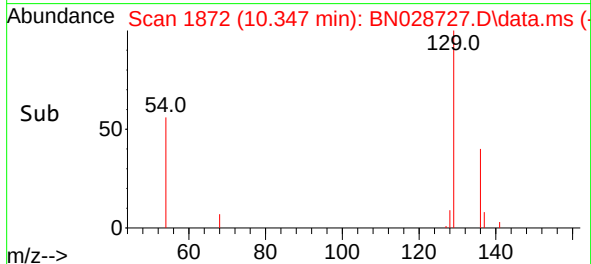
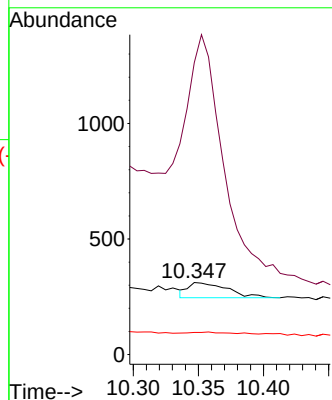
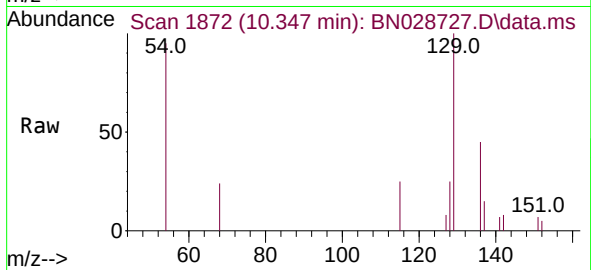




#5
Naphthalene
Concen: 0.050 ng/ul
RT: 10.347 min Scan# 11
Delta R.T. -0.187 min
Lab File: BN028727.D
Acq: 18 Nov 2023 07:30

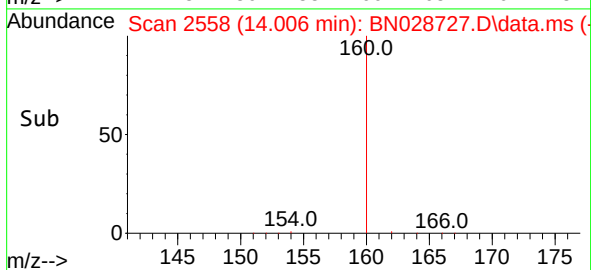
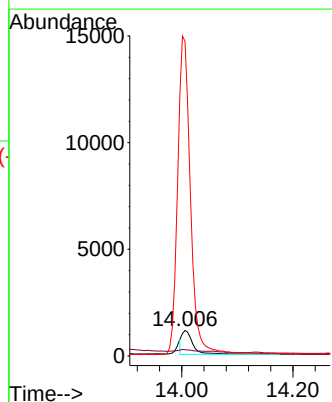
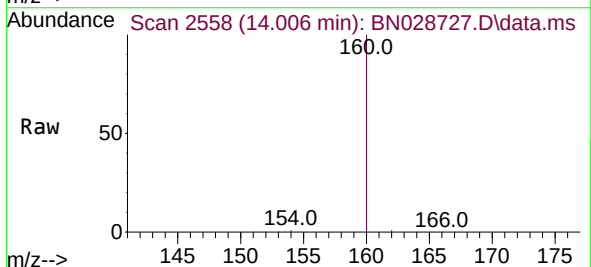
Instrument :
BNA_M
ClientSampleId :

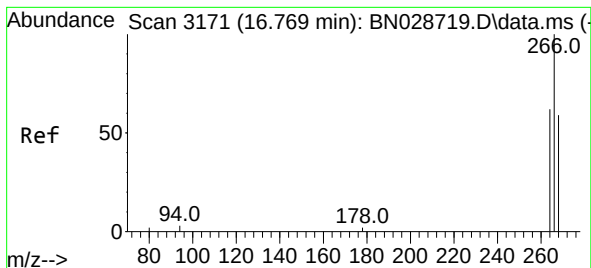
Tgt Ion:128 Resp: 137
Ion Ratio Lower Upper
128 100
129 404.8 9.2 13.8#
127 30.8 10.7 16.1#



#11
Acenaphthene
Concen: 59.861 ng/ul
RT: 14.006 min Scan# 2558
Delta R.T. -0.384 min
Lab File: BN028727.D
Acq: 18 Nov 2023 07:30

Tgt Ion:153 Resp: 1539
Ion Ratio Lower Upper
153 100
152 24.7 39.6 59.4#
154 1236.3 71.0 106.6#





#14

Pentachlorophenol

Concen: 2.381 ng/ul

RT: 16.515 min Scan# 3111

Delta R.T. -0.232 min

Lab File: BN028727.D

Acq: 18 Nov 2023 07:30

Instrument :

BNA_M

ClientSampleId :

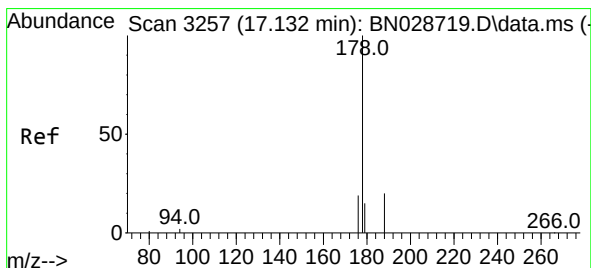
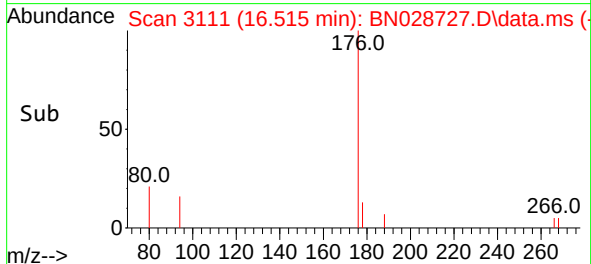
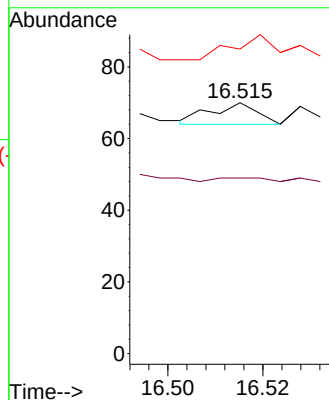
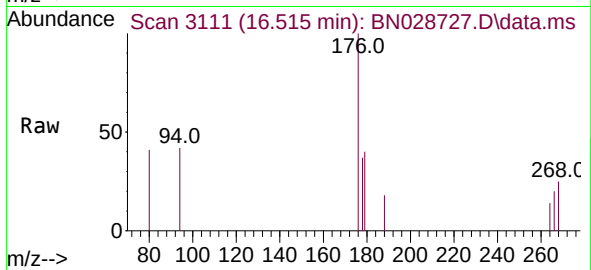
Tgt Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 25.0 50.1 75.1#

268 125.0 50.6 75.8#



#15

Phenanthrene

Concen: 5.859 ng/ul

RT: 16.878 min Scan# 3197

Delta R.T. -0.253 min

Lab File: BN028727.D

Acq: 18 Nov 2023 07:30

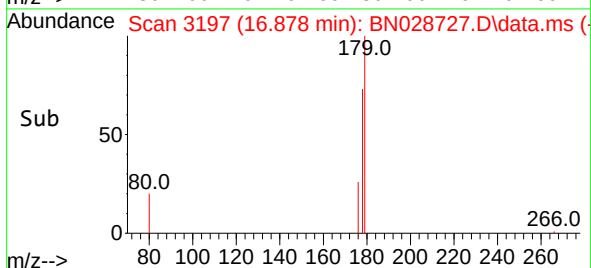
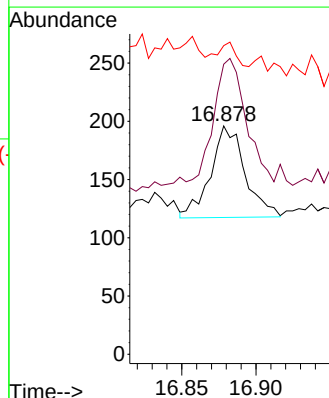
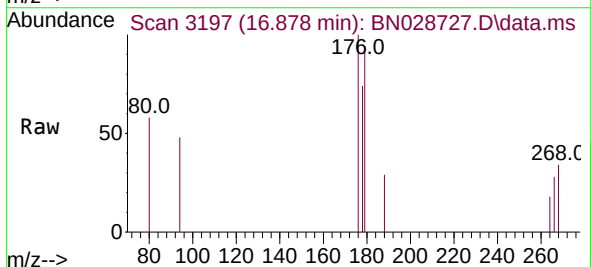
Tgt Ion:178 Resp: 126

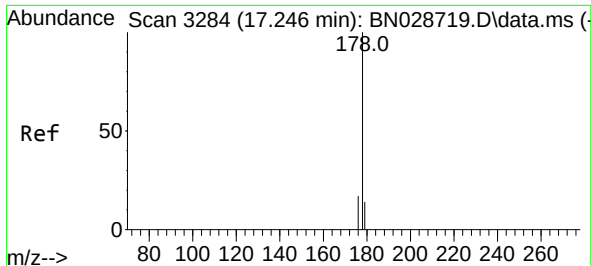
Ion Ratio Lower Upper

178 100

179 127.0 12.4 18.6#

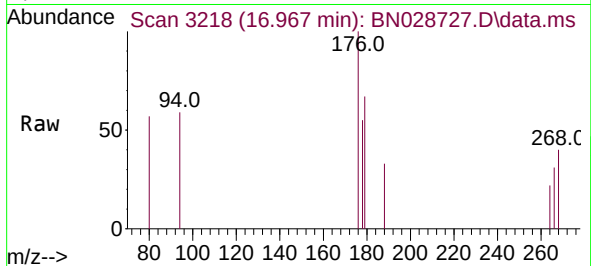
176 135.2 15.4 23.2#



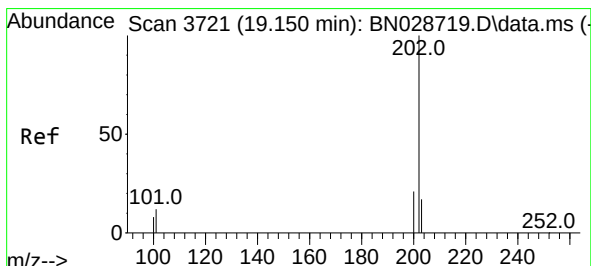
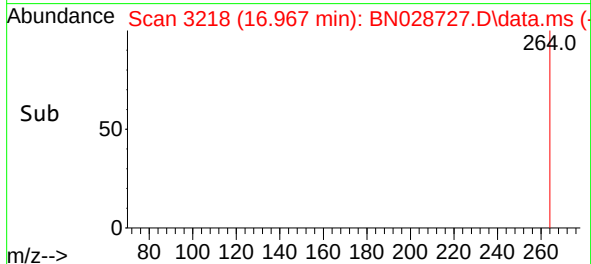
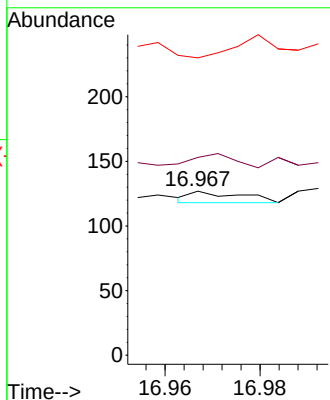


#16
 Anthracene
 Concen: 0.355 ng/ul
 RT: 16.967 min Scan# 31
 Delta R.T. -0.270 min
 Lab File: BN028727.D
 Acq: 18 Nov 2023 07:30

Instrument :
 BNA_M
 ClientSampleId :

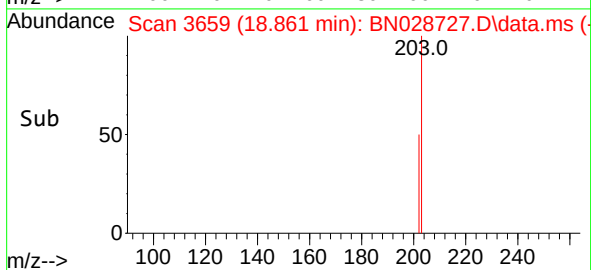
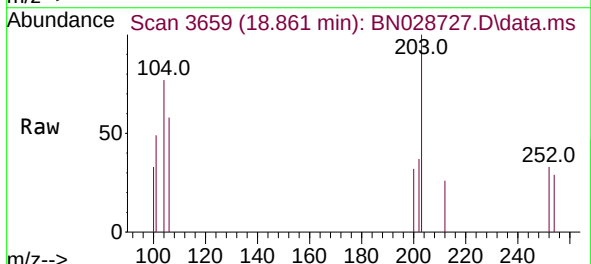
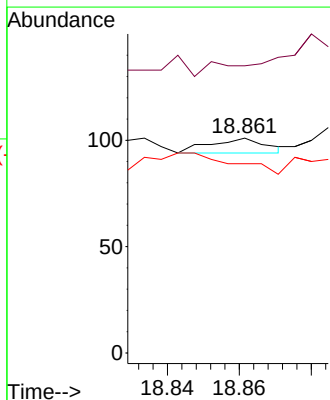


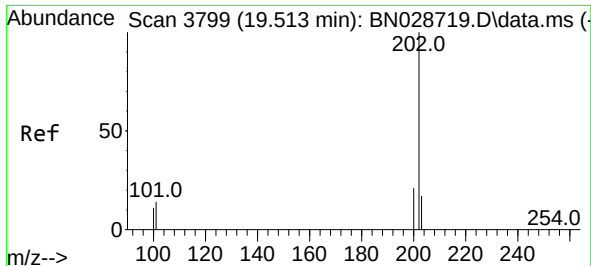
Tgt Ion:178 Resp: 7
 Ion Ratio Lower Upper
 178 100
 179 120.5 12.6 18.8#
 176 181.1 14.9 22.3#



#19
 Fluoranthene
 Concen: 0.034 ng/ul
 RT: 18.861 min Scan# 3659
 Delta R.T. -0.288 min
 Lab File: BN028727.D
 Acq: 18 Nov 2023 07:30

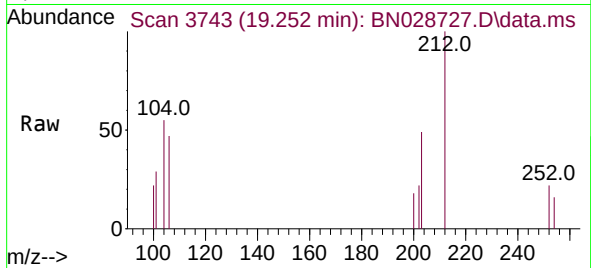
Tgt Ion:202 Resp: 8
 Ion Ratio Lower Upper
 202 100
 101 133.7 9.5 14.3#
 100 88.1 7.2 10.8#



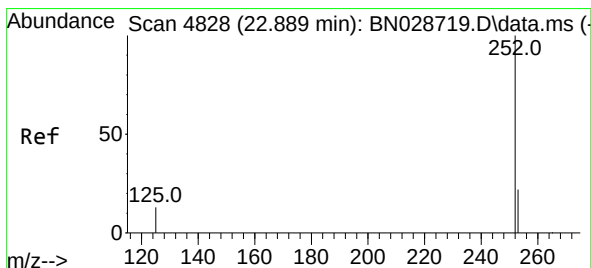
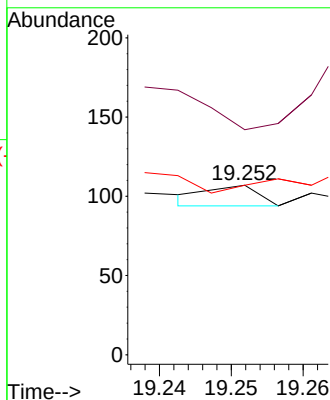
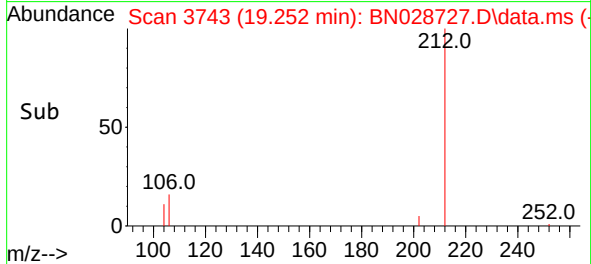


#20
Pyrene
Concen: 0.024 ng/ul
RT: 19.252 min Scan# 31
Delta R.T. -0.260 min
Lab File: BN028727.D
Acq: 18 Nov 2023 07:30

Instrument :
BNA_M
ClientSampleId :

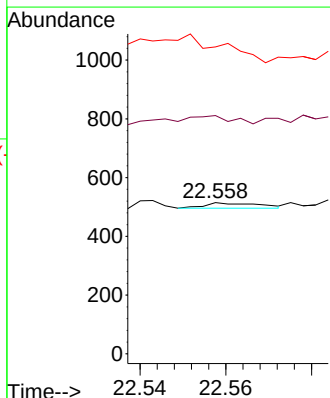
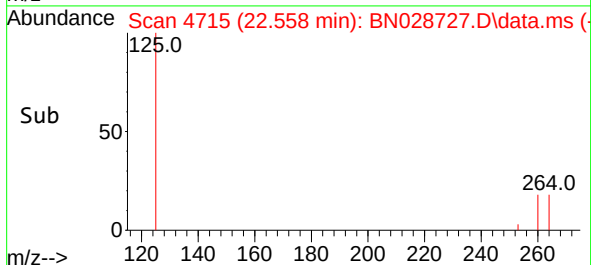
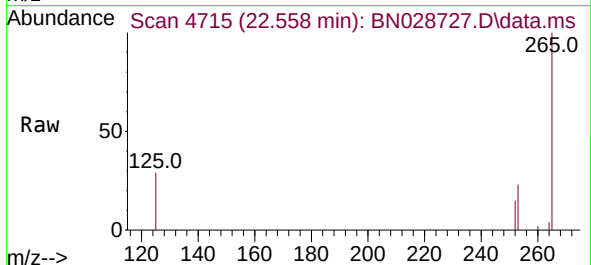


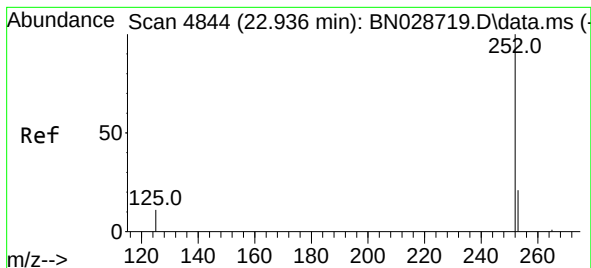
Tgt Ion:202 Resp: 6
Ion Ratio Lower Upper
202 100
101 132.7 10.3 15.5#
100 100.0 8.2 12.2#



#24
Benzo(b)fluoranthene
Concen: 0.710 ng/ul
RT: 22.558 min Scan# 4715
Delta R.T. -0.330 min
Lab File: BN028727.D
Acq: 18 Nov 2023 07:30

Tgt Ion:252 Resp: 16
Ion Ratio Lower Upper
252 100
253 157.5 0.0 46.6#
125 202.9 0.0 27.6#





#25

Benzo(k)fluoranthene

Concen: 0.806 ng/ul

RT: 22.593 min Scan# 41

Delta R.T. -0.339 min

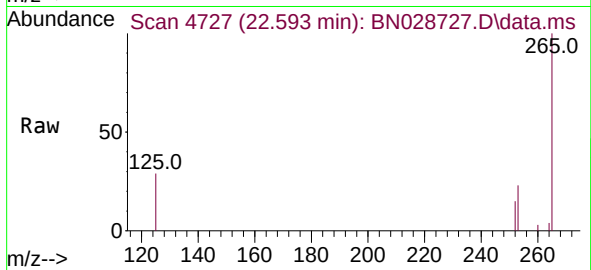
Lab File: BN028727.D

Acq: 18 Nov 2023 07:30

Instrument :

BNA_M

ClientSampleId :



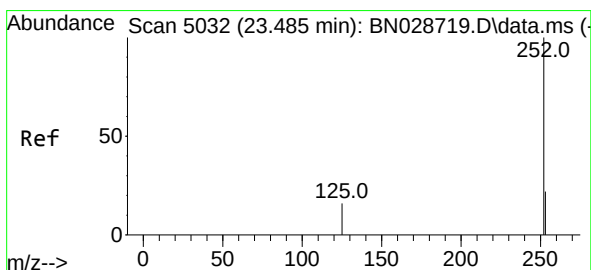
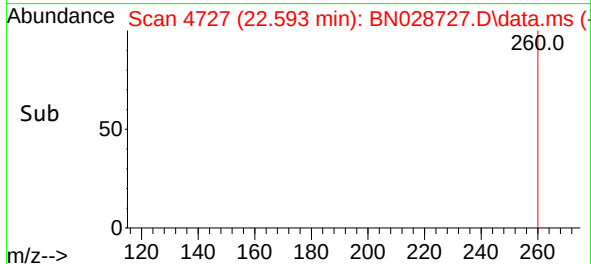
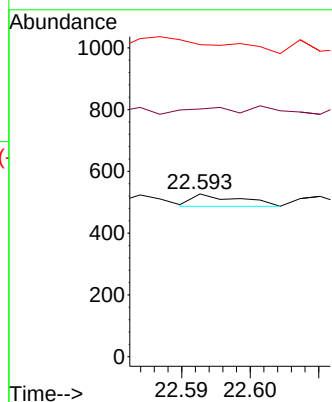
Tgt Ion:252 Resp: 19

Ion Ratio Lower Upper

252 100

253 152.2 18.6 28.0#

125 191.7 12.7 19.1#



#26

Benzo(a)pyrene

Concen: 1.741 ng/ul

RT: 23.128 min Scan# 4910

Delta R.T. -0.354 min

Lab File: BN028727.D

Acq: 18 Nov 2023 07:30

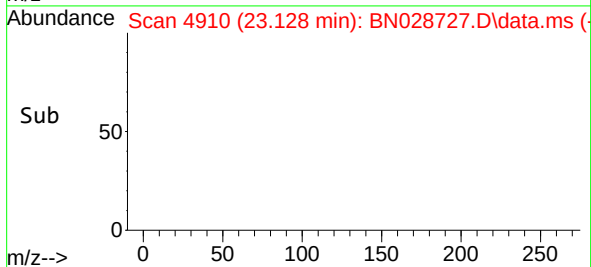
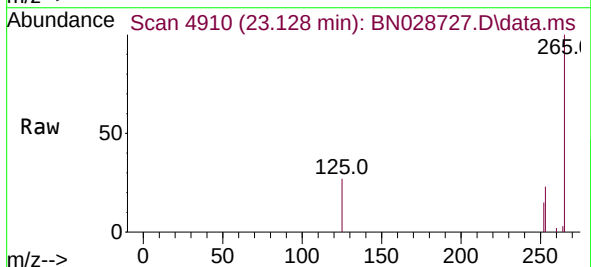
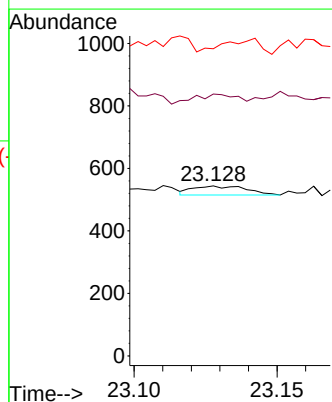
Tgt Ion:252 Resp: 37

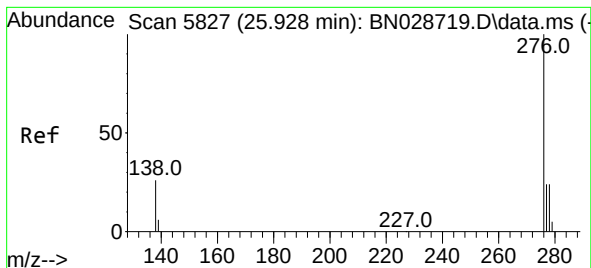
Ion Ratio Lower Upper

252 100

253 154.0 19.0 28.6#

125 180.7 13.2 19.8#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.170 ng/ul

RT: 25.551 min Scan# 51

Delta R.T. -0.379 min

Lab File: BN028727.D

Acq: 18 Nov 2023 07:30

Instrument :

BNA_M

ClientSampleId :

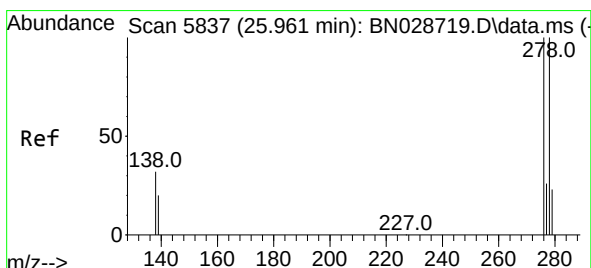
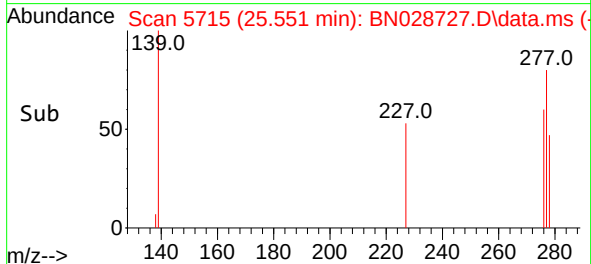
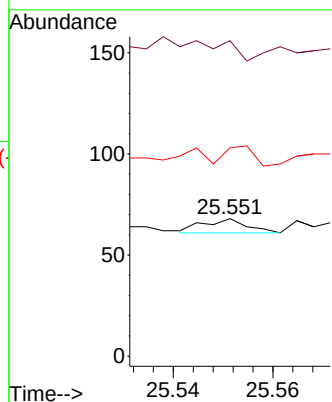
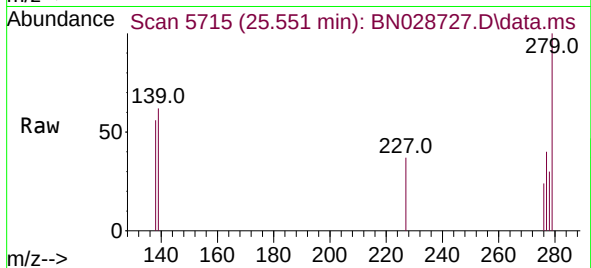
Tgt Ion:276 Resp: 4

Ion Ratio Lower Upper

276 100

138 0.0 23.8 35.6#

227 75.0 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.159 ng/ul

RT: 25.575 min Scan# 5722

Delta R.T. -0.382 min

Lab File: BN028727.D

Acq: 18 Nov 2023 07:30

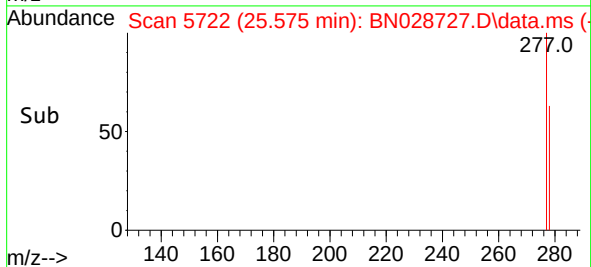
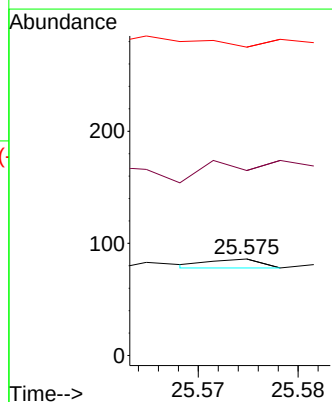
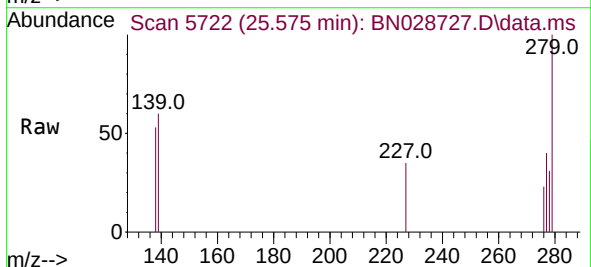
Tgt Ion:278 Resp: 3

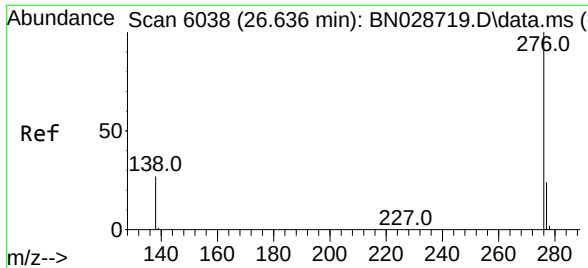
Ion Ratio Lower Upper

278 100

139 191.9 18.2 27.4#

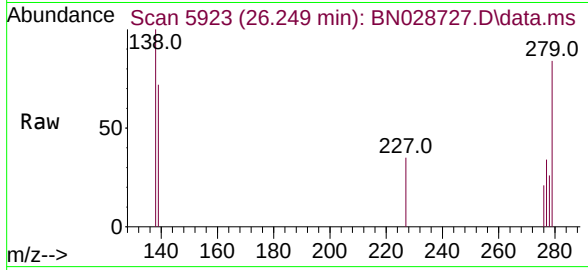
279 319.8 20.7 31.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.103 ng/ul
 RT: 26.249 min Scan# 51
 Delta R.T. -0.392 min
 Lab File: BN028727.D
 Acq: 18 Nov 2023 07:30

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:	276	Resp:	2
Ion	Ratio	Lower	Upper
276	100		
138	468.1	20.5	30.7#
277	158.3	19.4	29.0#

