

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028088.D
 Acq On : 06 Oct 2023 17:07
 Operator : MA/JU
 Sample : 04527-02DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 07 00:31:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 05:15:40 2023
 Response via : Initial Calibration

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

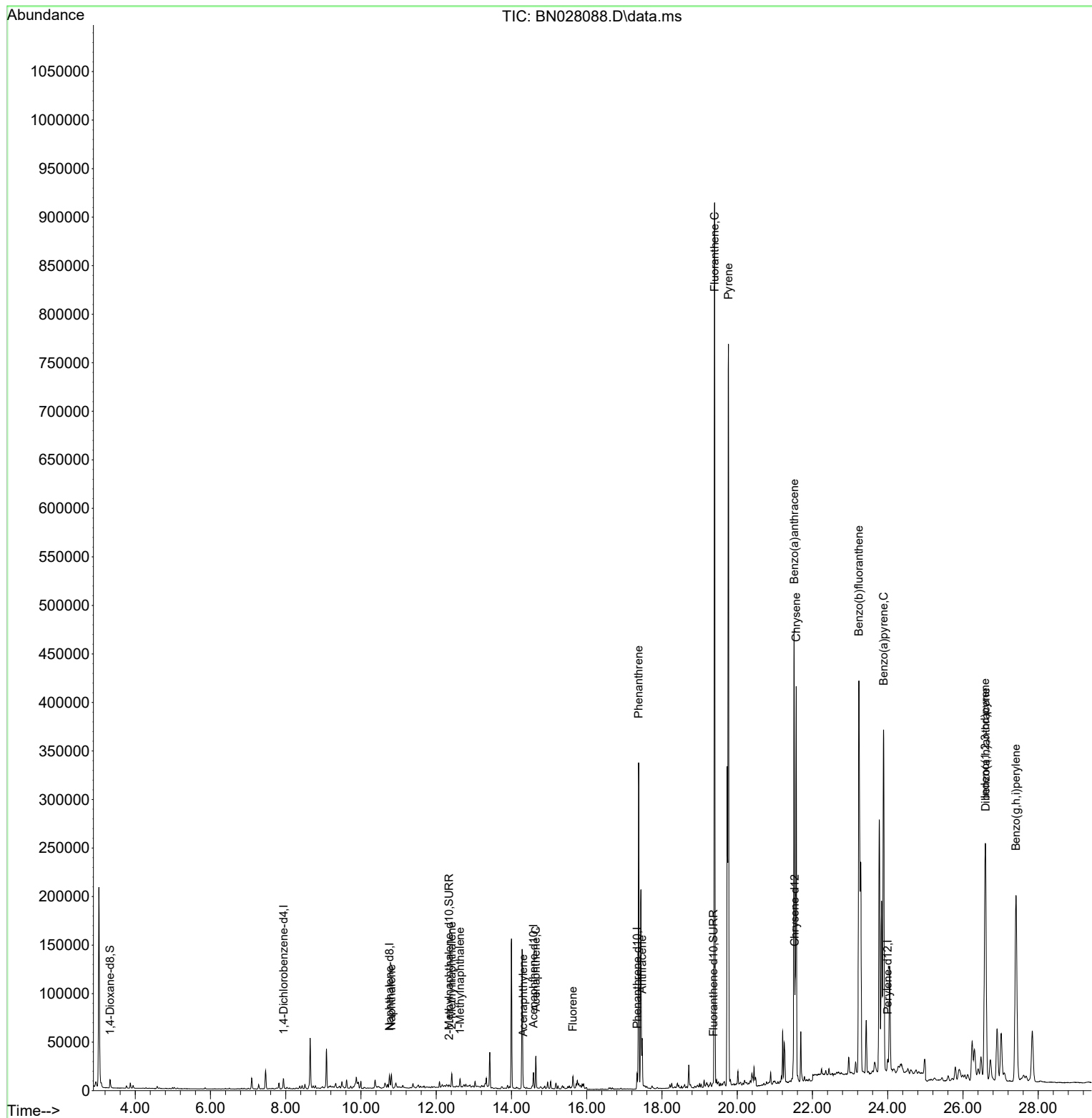
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	5370	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	16781	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.583	164	9141	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	18472	0.400	ng/ul	0.00
17) Chrysene-d12	21.530	240	14997	0.400	ng/ul	# 0.01
23) Perylene-d12	24.000	264	19803	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	6580	0.976	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	1663	0.062	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	2733	0.057	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.806	128	17136	0.360	ng/ul	96
7) 2-Methylnaphthalene	12.412	142	9934	0.330	ng/ul	99
8) 1-Methylnaphthalene	12.632	142	5088	0.164	ng/ul	98
10) Acenaphthylene	14.310	152	2364	0.057	ng/ul#	57
11) Acenaphthene	14.647	153	19531	0.592	ng/ul	99
12) Fluorene	15.633	166	7944	0.216	ng/ul#	96
15) Phenanthrene	17.380	178	346495	6.294	ng/ul	99
16) Anthracene	17.472	178	54504	1.107	ng/ul	99
19) Fluoranthene	19.399	202	777605	13.579	ng/ul	99
20) Pyrene	19.766	202	671554	11.315	ng/ul	99
21) Benzo(a)anthracene	21.513	228	422730	7.720	ng/ul	99
22) Chrysene	21.565	228	429226	7.762	ng/ul	98
24) Benzo(b)fluoranthene	23.234	252	998345	13.596	ng/ul	93
26) Benzo(a)pyrene	23.889	252	542858	8.670	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.592	276	451178	5.956	ng/ul	92
28) Dibenzo(a,h)anthracene	26.603	278	119724	1.943	ng/ul#	95
29) Benzo(g,h,i)perylene	27.407	276	444541	7.177	ng/ul	98

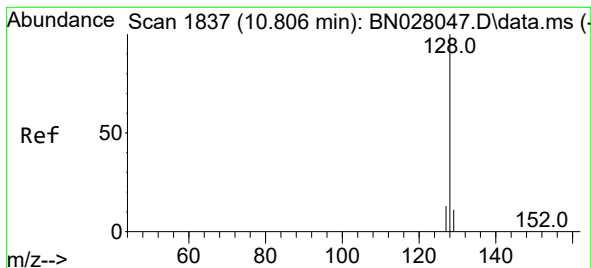
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 06 05:15:40 2023
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.360 ng/ul

RT: 10.806 min Scan# 1837

Delta R.T. -0.000 min

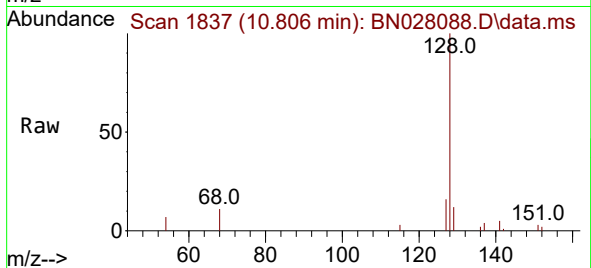
Lab File: BN028088.D

Acq: 06 Oct 2023 17:07

Instrument :

BNA_G

ClientSampleId :



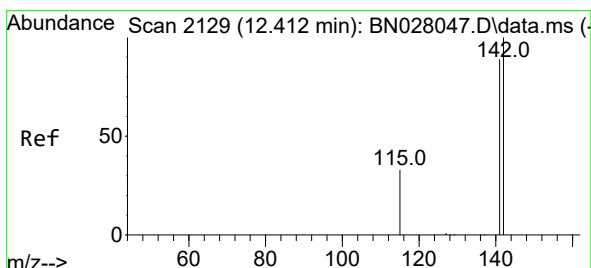
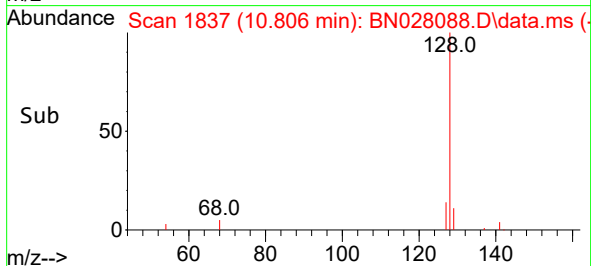
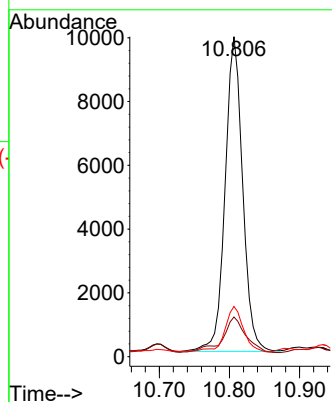
Tgt Ion:128 Resp: 17136

Ion Ratio Lower Upper

128 100

129 12.4 9.4 14.0

127 15.7 11.0 16.4



#7

2-Methylnaphthalene

Concen: 0.330 ng/ul

RT: 12.412 min Scan# 2129

Delta R.T. -0.000 min

Lab File: BN028088.D

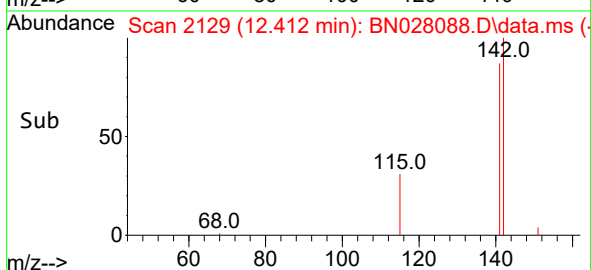
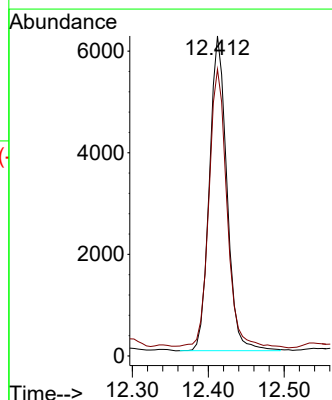
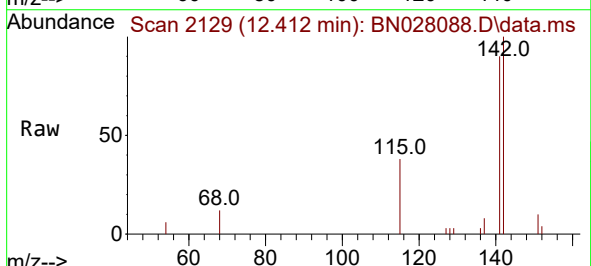
Acq: 06 Oct 2023 17:07

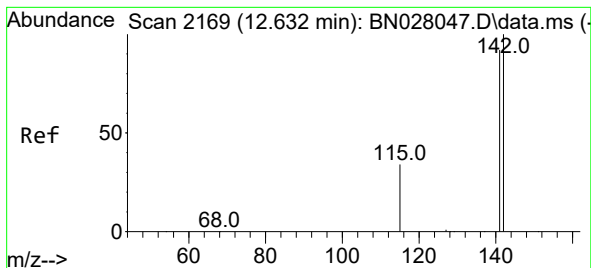
Tgt Ion:142 Resp: 9934

Ion Ratio Lower Upper

142 100

141 89.3 70.9 106.3





#8

1-Methylnaphthalene

Concen: 0.164 ng/ul

RT: 12.632 min Scan# 2169

Delta R.T. 0.005 min

Lab File: BN028088.D

Acq: 06 Oct 2023 17:07

Instrument :

BNA_G

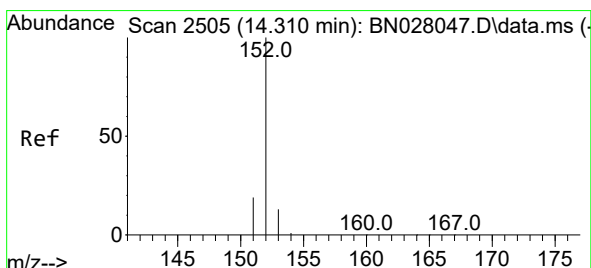
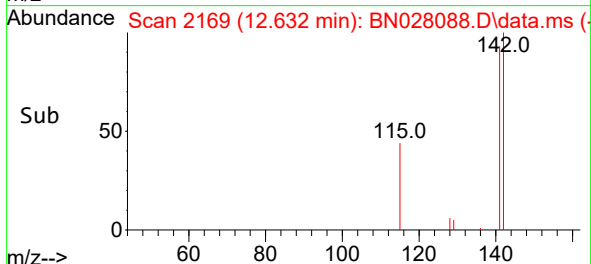
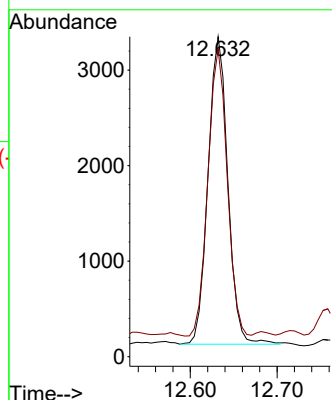
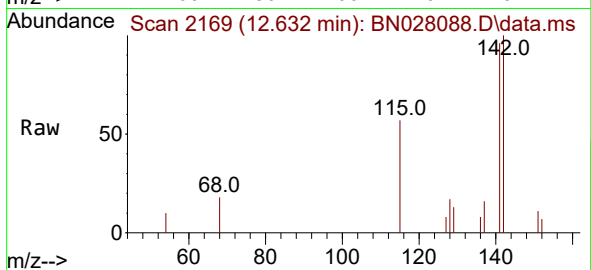
ClientSampleId :

Tgt Ion:142 Resp: 5088

Ion Ratio Lower Upper

142 100

141 90.8 74.4 111.6



#10

Acenaphthylene

Concen: 0.057 ng/ul

RT: 14.310 min Scan# 2505

Delta R.T. -0.000 min

Lab File: BN028088.D

Acq: 06 Oct 2023 17:07

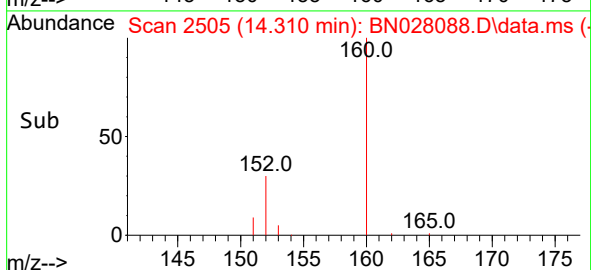
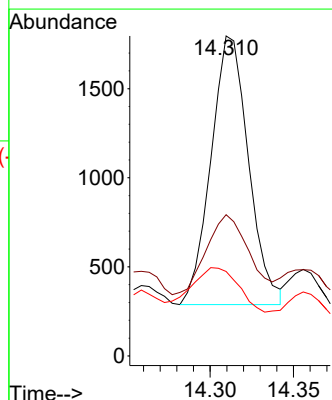
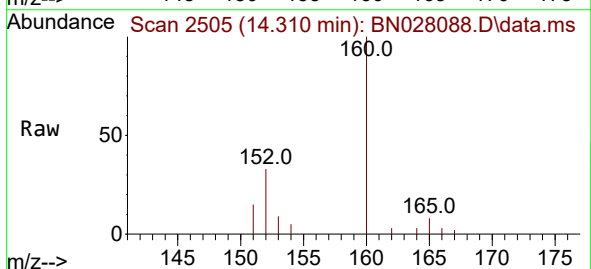
Tgt Ion:152 Resp: 2364

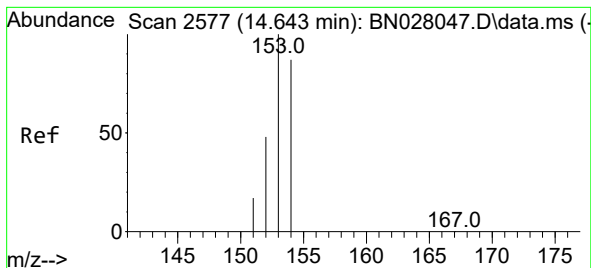
Ion Ratio Lower Upper

152 100

151 44.2 16.4 24.6#

153 26.4 10.9 16.3#





#11

Acenaphthene

Concen: 0.592 ng/ul

RT: 14.647 min Scan# 21

Delta R.T. 0.005 min

Lab File: BN028088.D

Acq: 06 Oct 2023 17:07

Instrument :

BNA_G

ClientSampleId :

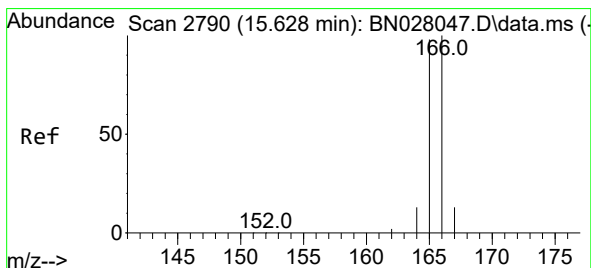
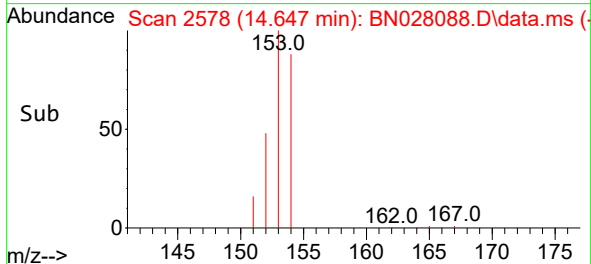
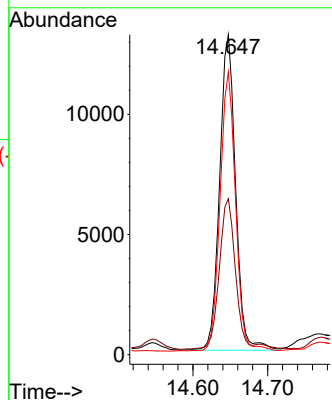
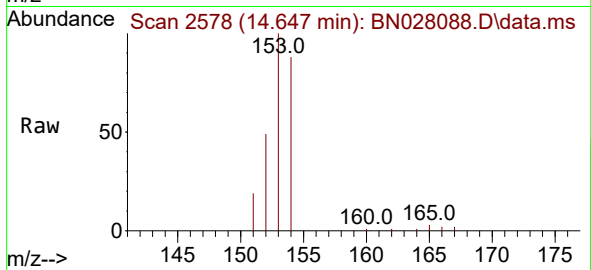
Tgt Ion:153 Resp: 19531

Ion Ratio Lower Upper

153 100

152 48.7 39.4 59.0

154 88.3 70.2 105.4



#12

Fluorene

Concen: 0.216 ng/ul

RT: 15.633 min Scan# 2791

Delta R.T. -0.000 min

Lab File: BN028088.D

Acq: 06 Oct 2023 17:07

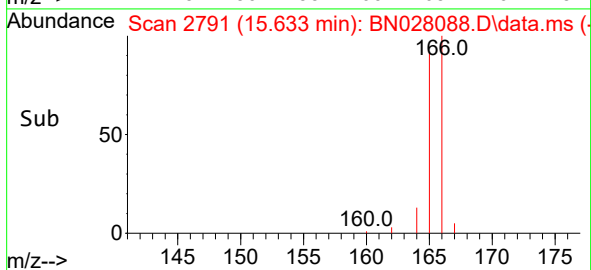
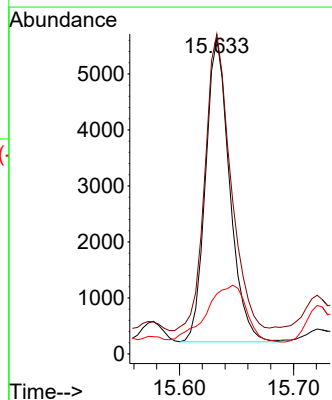
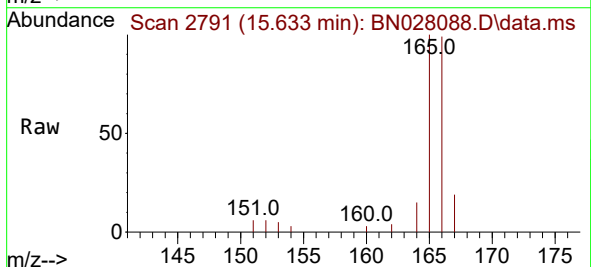
Tgt Ion:166 Resp: 7944

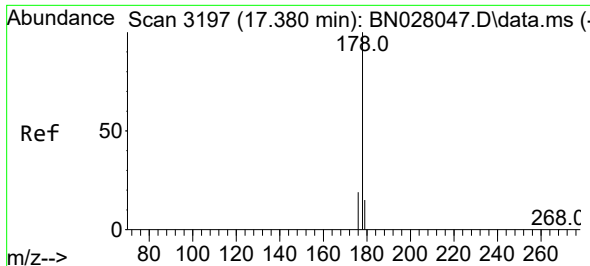
Ion Ratio Lower Upper

166 100

165 101.4 78.5 117.7

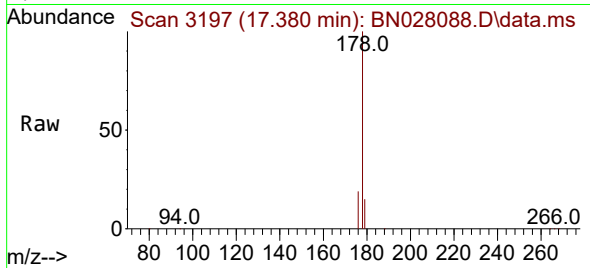
167 19.1 11.2 16.8#



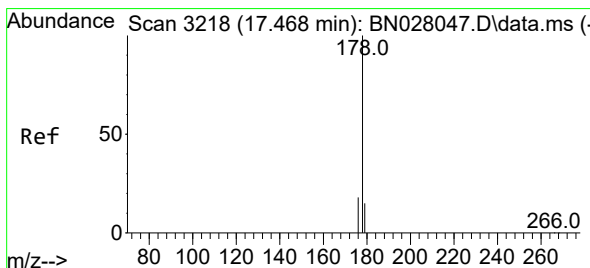
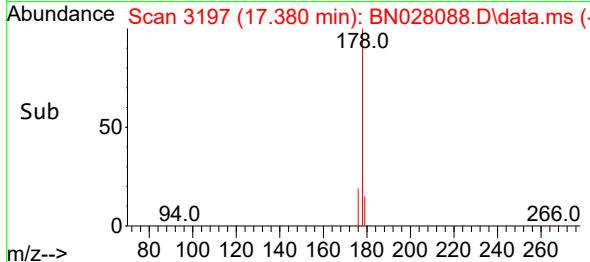
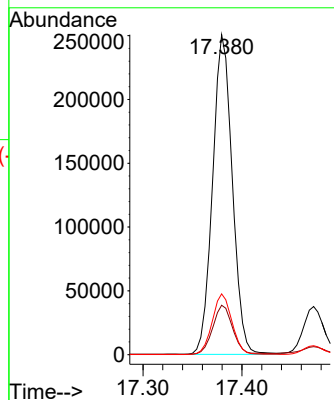


#15
Phenanthrene
Concen: 6.294 ng/ul
RT: 17.380 min Scan# 3197
Delta R.T. 0.004 min
Lab File: BN028088.D
Acq: 06 Oct 2023 17:07

Instrument :
BNA_G
ClientSampleId :

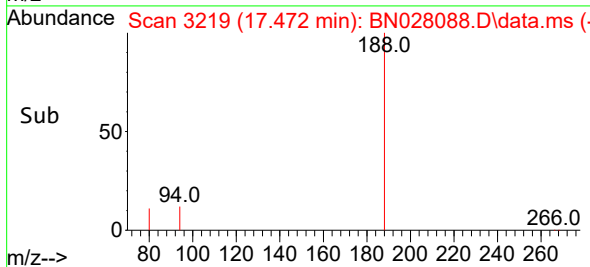
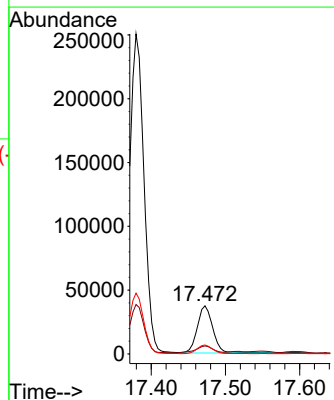
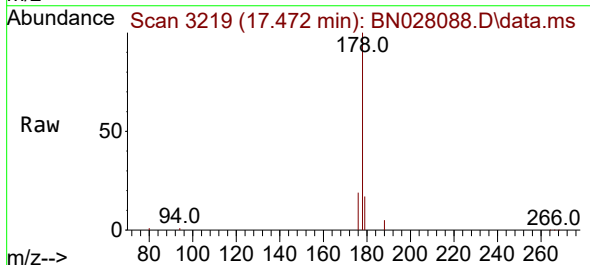


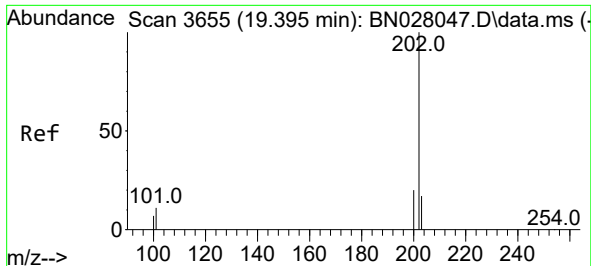
Tgt Ion:178 Resp: 346495
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.0 15.5 23.3



#16
Anthracene
Concen: 1.107 ng/ul
RT: 17.472 min Scan# 3219
Delta R.T. 0.004 min
Lab File: BN028088.D
Acq: 06 Oct 2023 17:07

Tgt Ion:178 Resp: 54504
Ion Ratio Lower Upper
178 100
179 16.7 12.8 19.2
176 18.6 15.0 22.6

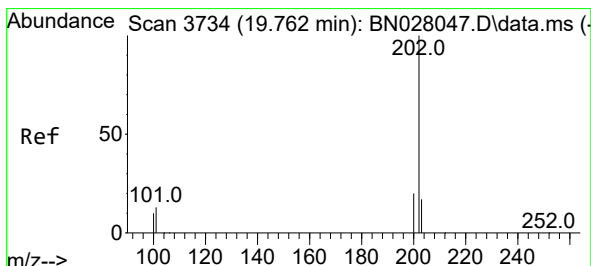
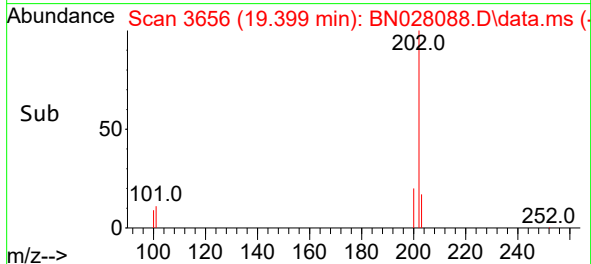
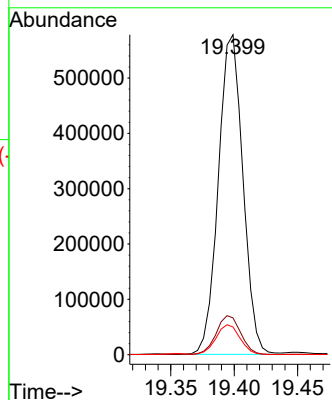
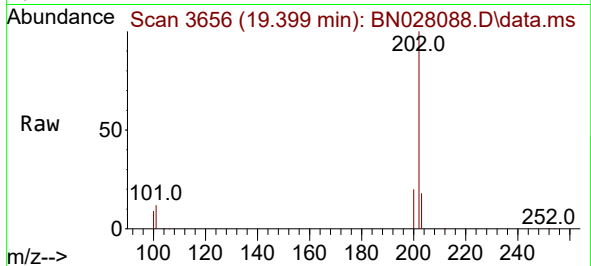




#19
Fluoranthene
Concen: 13.579 ng/ul
RT: 19.399 min Scan# 3656
Delta R.T. 0.009 min
Lab File: BN028088.D
Acq: 06 Oct 2023 17:07

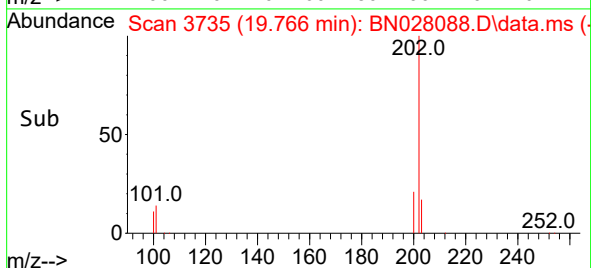
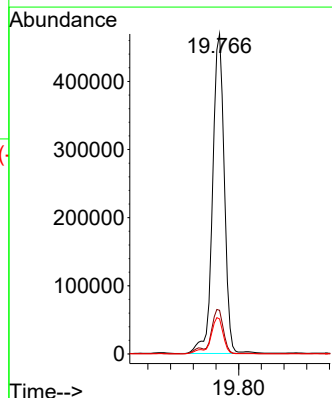
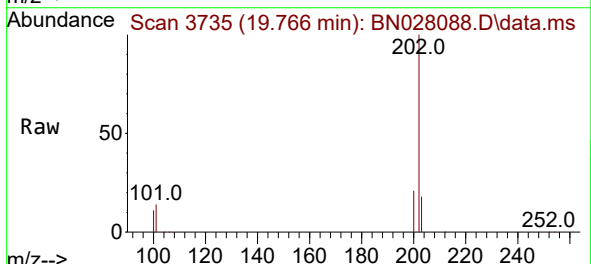
Instrument :
BNA_G
ClientSampleId :

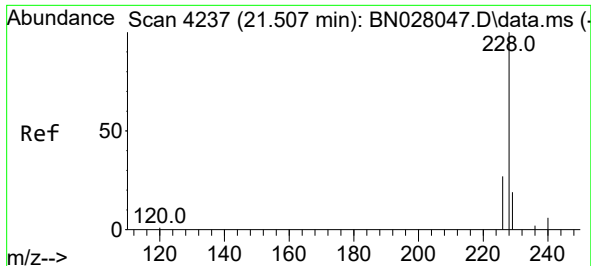
Tgt Ion:202 Resp: 777605
Ion Ratio Lower Upper
202 100
101 11.5 9.6 14.4
100 8.7 7.4 11.0



#20
Pyrene
Concen: 11.315 ng/ul
RT: 19.766 min Scan# 3735
Delta R.T. 0.009 min
Lab File: BN028088.D
Acq: 06 Oct 2023 17:07

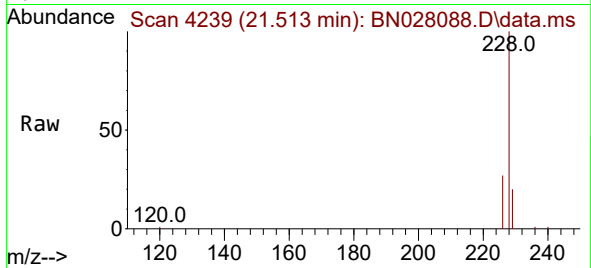
Tgt Ion:202 Resp: 671554
Ion Ratio Lower Upper
202 100
101 13.7 11.2 16.8
100 11.0 9.1 13.7



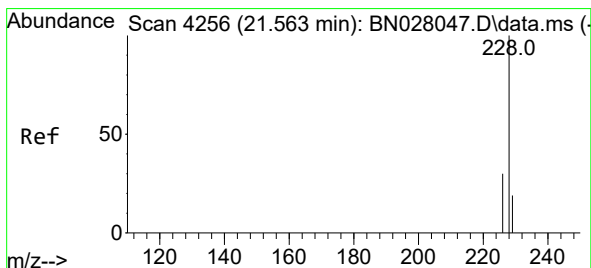
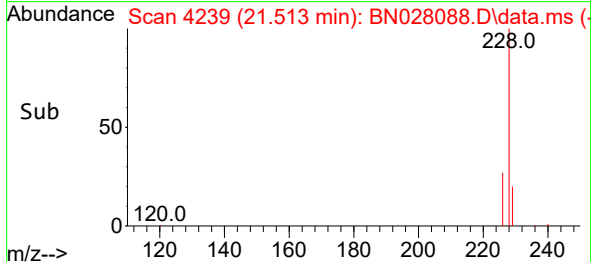
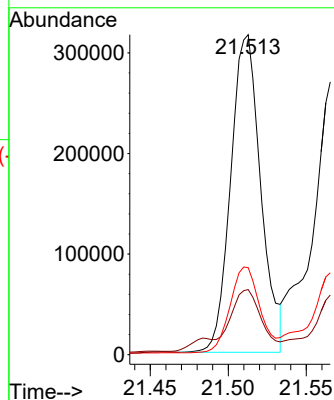


#21
Benzo(a)anthracene
Concen: 7.720 ng/ul
RT: 21.513 min Scan# 4237
Delta R.T. 0.012 min
Lab File: BN028088.D
Acq: 06 Oct 2023 17:07

Instrument :
BNA_G
ClientSampleId :

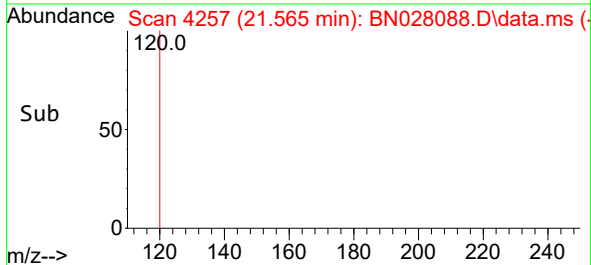
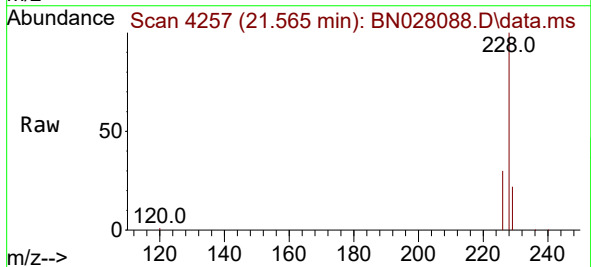
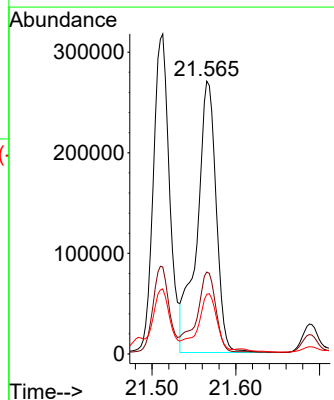


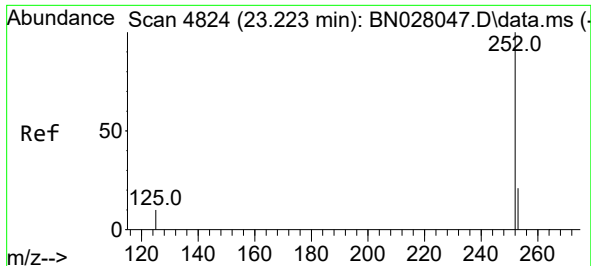
Tgt Ion:228 Resp: 422730
Ion Ratio Lower Upper
228 100
229 20.3 16.0 24.0
226 27.2 21.5 32.3



#22
Chrysene
Concen: 7.762 ng/ul
RT: 21.565 min Scan# 4257
Delta R.T. 0.009 min
Lab File: BN028088.D
Acq: 06 Oct 2023 17:07

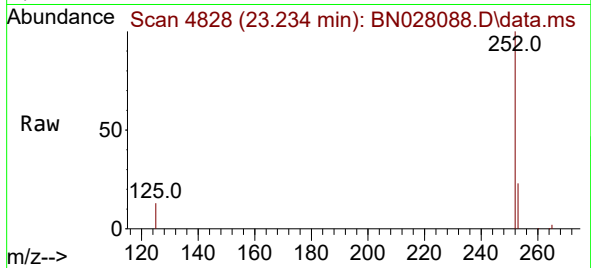
Tgt Ion:228 Resp: 429226
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.8
229 21.9 16.0 24.0



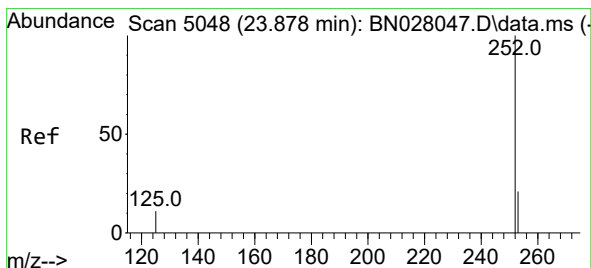
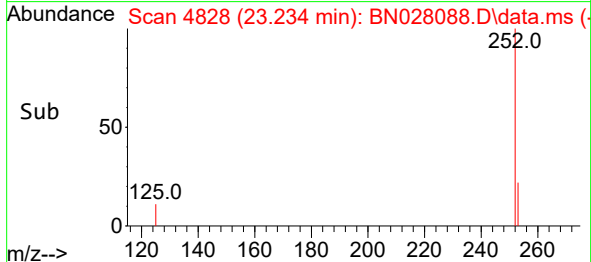
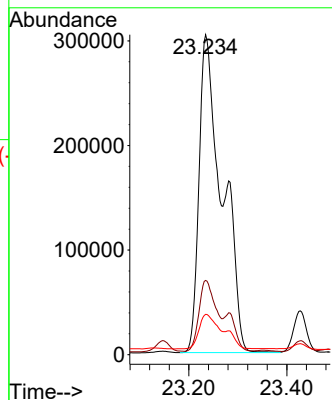


#24
Benzo(b)fluoranthene
Concen: 13.596 ng/ul
RT: 23.234 min Scan# 41
Delta R.T. 0.017 min
Lab File: BN028088.D
Acq: 06 Oct 2023 17:07

Instrument :
BNA_G
ClientSampleId :

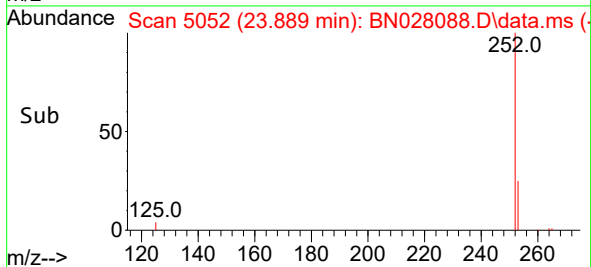
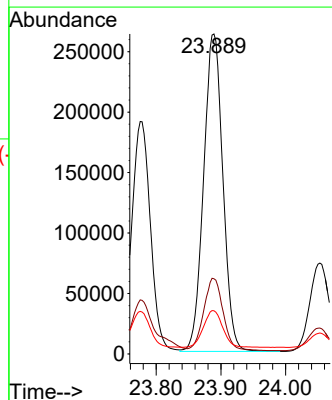
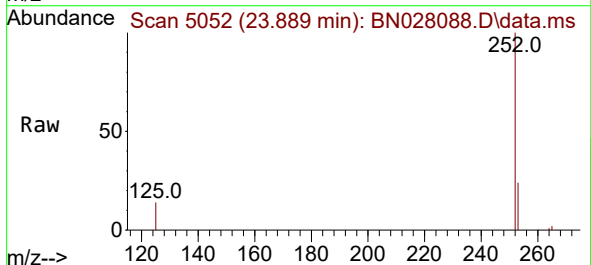


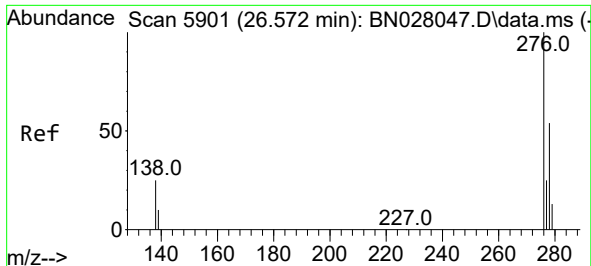
Tgt Ion:252 Resp: 998345
Ion Ratio Lower Upper
252 100
253 23.2 0.0 54.0
125 12.6 0.0 31.4



#26
Benzo(a)pyrene
Concen: 8.670 ng/ul
RT: 23.889 min Scan# 5052
Delta R.T. 0.020 min
Lab File: BN028088.D
Acq: 06 Oct 2023 17:07

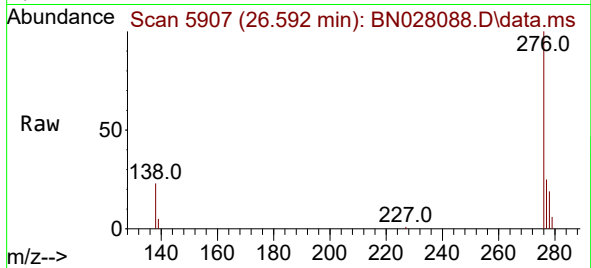
Tgt Ion:252 Resp: 542858
Ion Ratio Lower Upper
252 100
253 23.5 23.4 35.2
125 13.5 15.3 22.9#



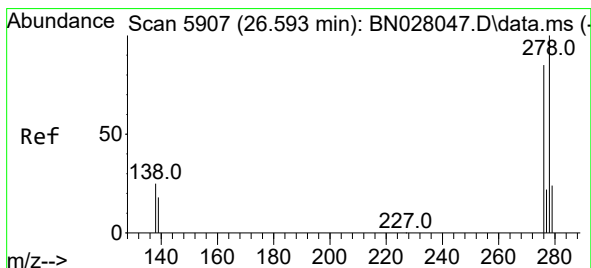
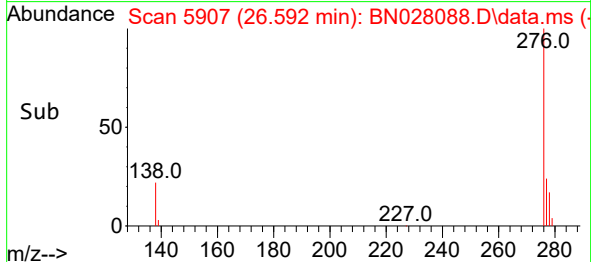
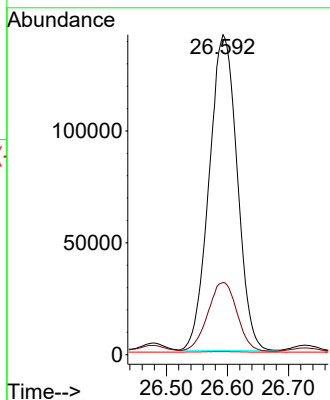


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 5.956 ng/ul
 RT: 26.592 min Scan# 5907
 Delta R.T. 0.027 min
 Lab File: BN028088.D
 Acq: 06 Oct 2023 17:07

Instrument :
 BNA_G
 ClientSampleId :

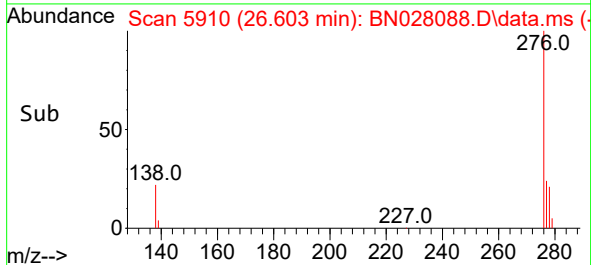
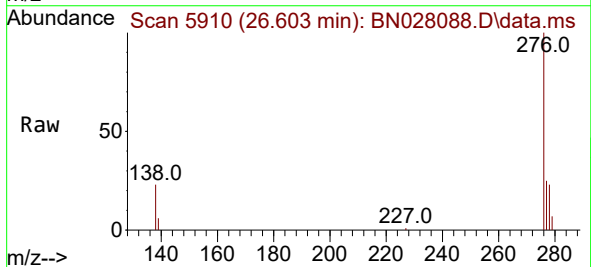
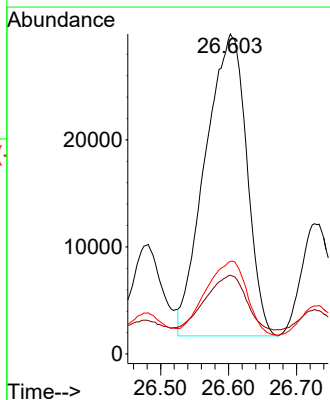


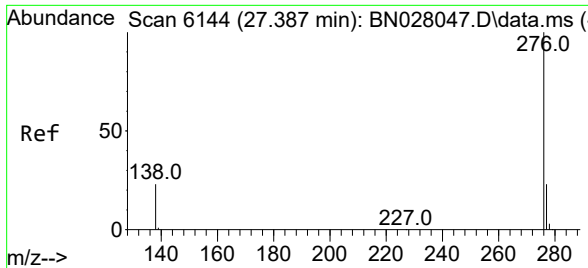
Tgt Ion:276 Resp: 451178
 Ion Ratio Lower Upper
 276 100
 138 22.6 21.6 32.4
 227 0.2 0.2 0.2



#28
 Dibenzo(a,h)anthracene
 Concen: 1.943 ng/ul
 RT: 26.603 min Scan# 5910
 Delta R.T. 0.020 min
 Lab File: BN028088.D
 Acq: 06 Oct 2023 17:07

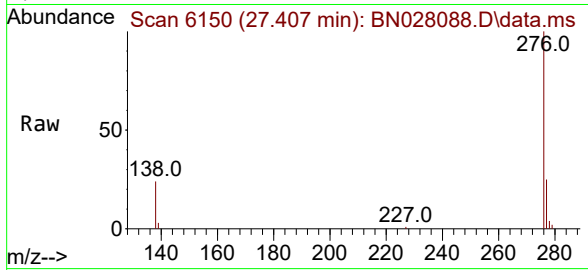
Tgt Ion:278 Resp: 119724
 Ion Ratio Lower Upper
 278 100
 139 24.6 15.9 23.9#
 279 28.9 22.8 34.2





#29
Benzo(g,h,i)perylene
Concen: 7.177 ng/ul
RT: 27.407 min Scan# 61
Delta R.T. 0.030 min
Lab File: BN028088.D
Acq: 06 Oct 2023 17:07

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:276 Resp: 444541
Ion Ratio Lower Upper
276 100
138 23.8 19.8 29.6
277 25.1 20.6 31.0

