

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028082.D
 Acq On : 06 Oct 2023 13:25
 Operator : MA/JU
 Sample : 04527-13DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 07 00:30:39 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)

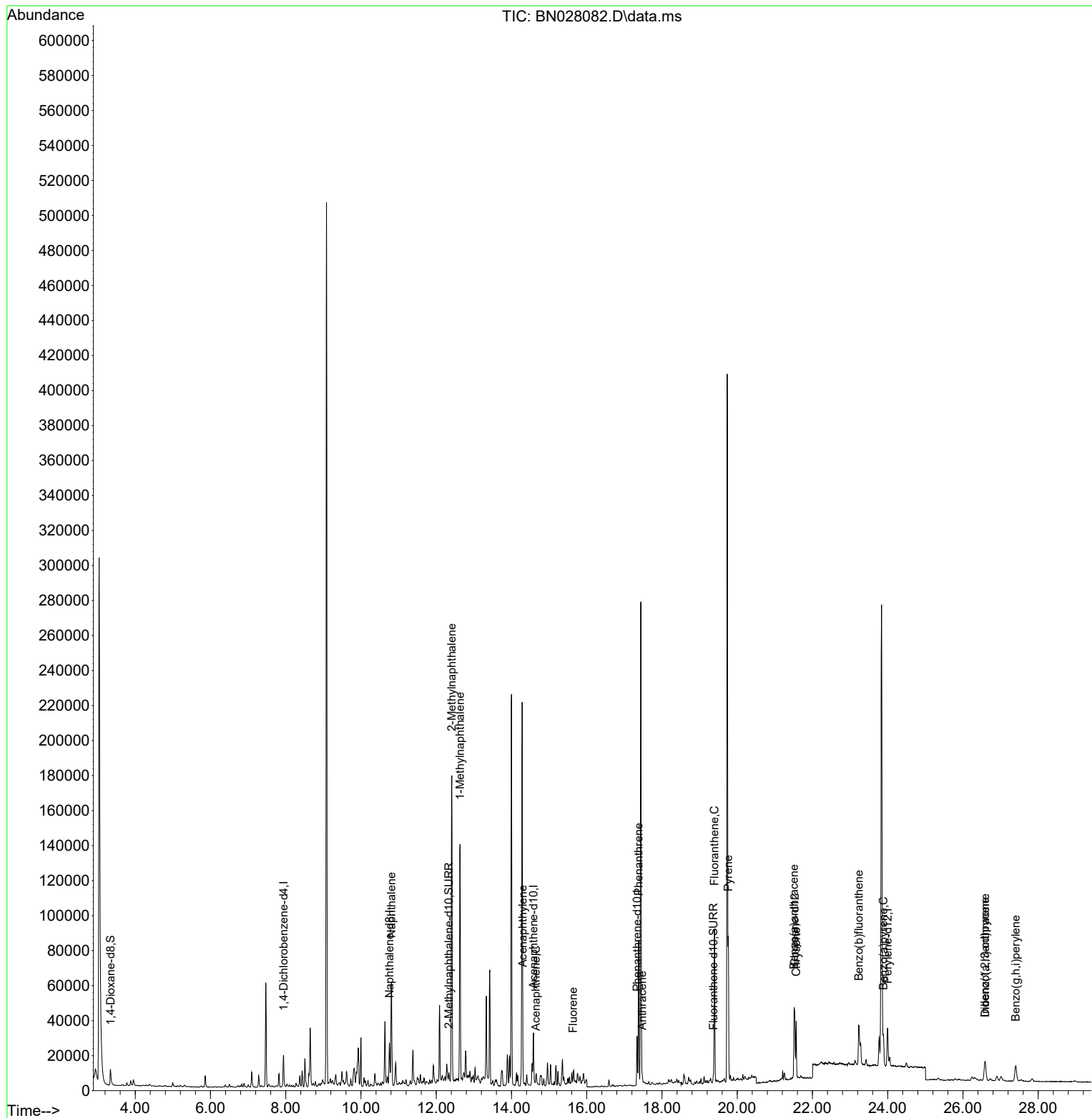
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	9533	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	29934	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.583	164	16590	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	32038	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	27529	0.400	ng/ul #	0.00
23) Perylene-d12	23.997	264	30126	0.400	ng/ul #	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.342	96	8432	0.704	ng/ul	0.01
6) 2-Methylnaphthalene-d10	12.335	152	2494	0.052	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	4063	0.047	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.806	128	75490	0.888	ng/ul	99
7) 2-Methylnaphthalene	12.412	142	124779	2.326	ng/ul	100
8) 1-Methylnaphthalene	12.632	142	90289	1.627	ng/ul	99
10) Acenaphthylene	14.300	152	1689	0.022	ng/ul#	1
11) Acenaphthene	14.647	153	2454	0.041	ng/ul#	77
12) Fluorene	15.637	166	1706	0.026	ng/ul#	37
15) Phenanthrene	17.380	178	86174	0.902	ng/ul	99
16) Anthracene	17.472	178	2930	0.034	ng/ul#	61
19) Fluoranthene	19.394	202	75887	0.722	ng/ul	99
20) Pyrene	19.762	202	64072	0.588	ng/ul	98
21) Benzo(a)anthracene	21.510	228	31132	0.310	ng/ul#	92
22) Chrysene	21.565	228	34899	0.344	ng/ul#	91
24) Benzo(b)fluoranthene	23.231	252	57695	0.516	ng/ul#	73
26) Benzo(a)pyrene	23.883	252	24921	0.262	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	26.586	276	20249	0.176	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.592	278	5822	0.062	ng/ul#	1
29) Benzo(g,h,i)perylene	27.401	276	19576	0.208	ng/ul#	82

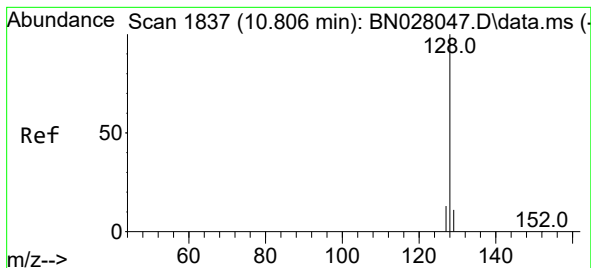
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.888 ng/ul

RT: 10.806 min Scan# 1837

Delta R.T. -0.000 min

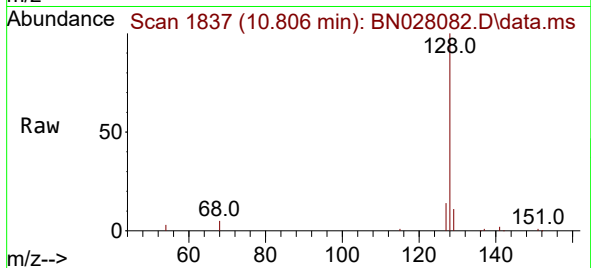
Lab File: BN028082.D

Acq: 06 Oct 2023 13:25

Instrument :

BNA_G

ClientSampleId :



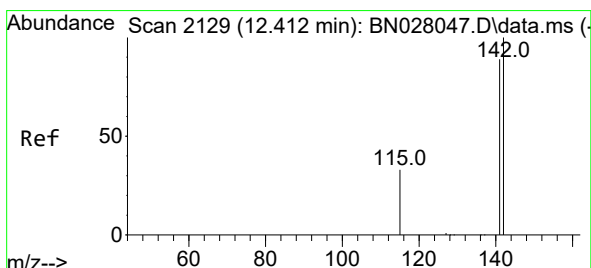
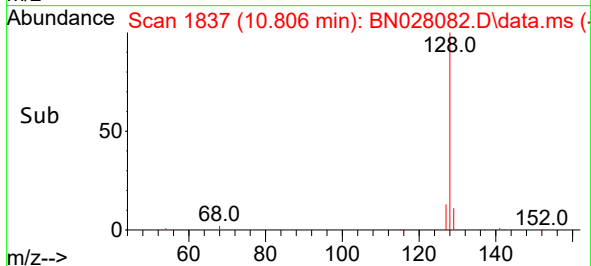
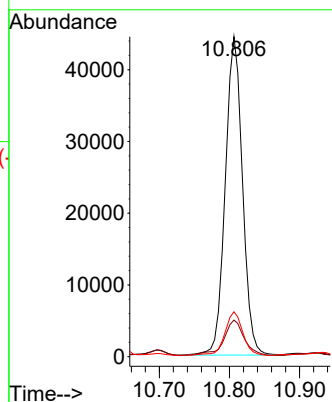
Tgt Ion:128 Resp: 75490

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.0

127 14.1 11.0 16.4



#7

2-Methylnaphthalene

Concen: 2.326 ng/ul

RT: 12.412 min Scan# 2129

Delta R.T. -0.000 min

Lab File: BN028082.D

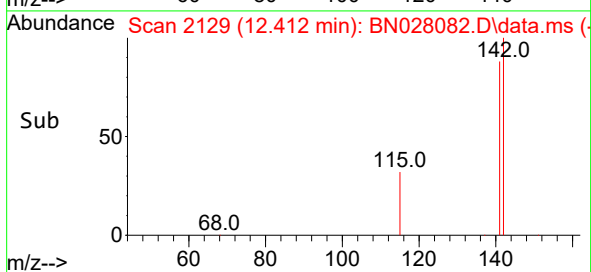
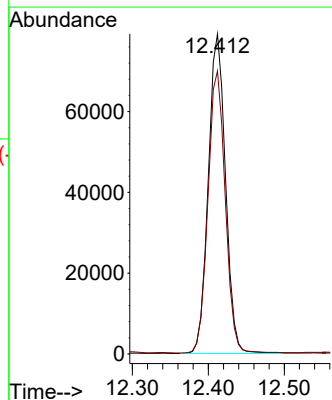
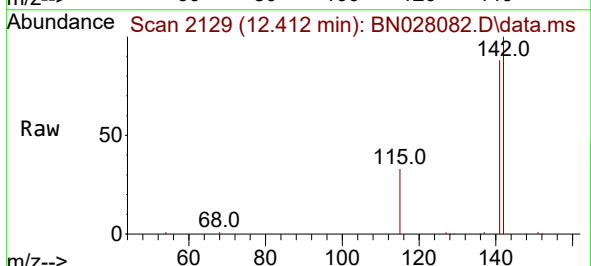
Acq: 06 Oct 2023 13:25

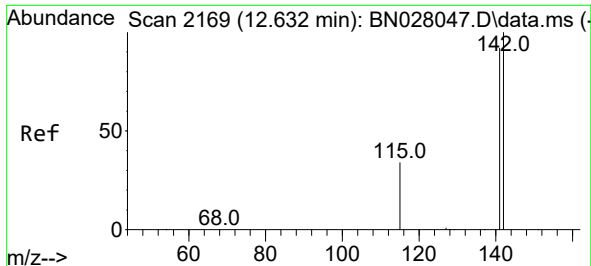
Tgt Ion:142 Resp: 124779

Ion Ratio Lower Upper

142 100

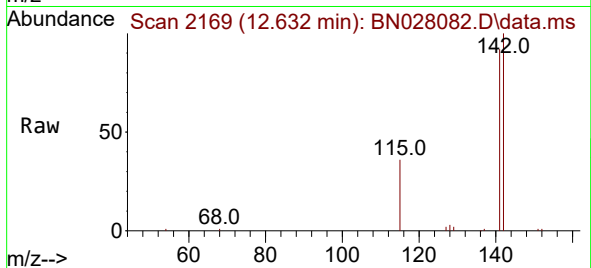
141 88.7 70.9 106.3



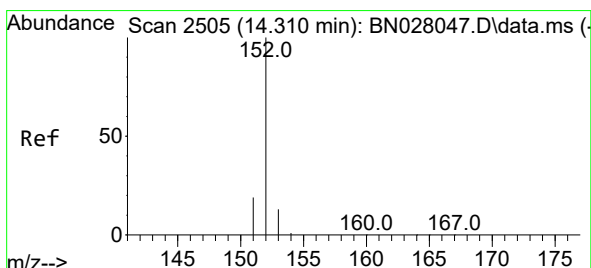
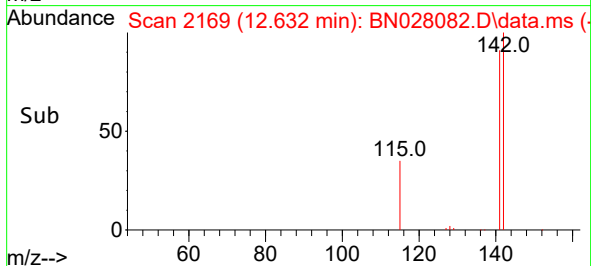
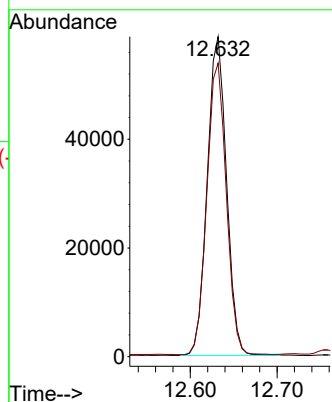


#8
1-Methylnaphthalene
Concen: 1.627 ng/ul
RT: 12.632 min Scan# 2169
Delta R.T. 0.005 min
Lab File: BN028082.D
Acq: 06 Oct 2023 13:25

Instrument :
BNA_G
ClientSampleId :

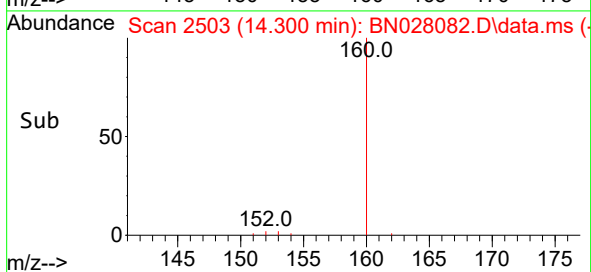
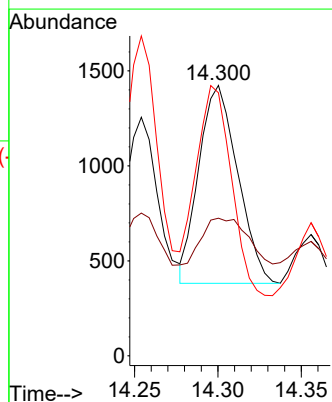
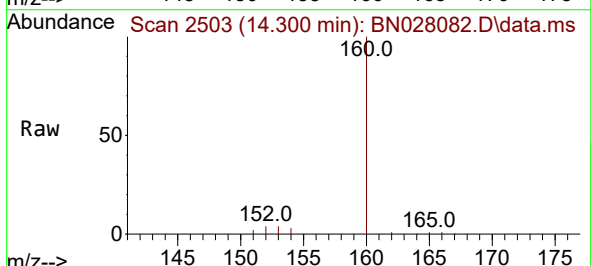


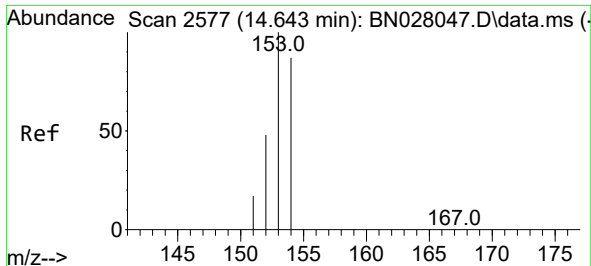
Tgt Ion:142 Resp: 90289
Ion Ratio Lower Upper
142 100
141 92.1 74.4 111.6



#10
Acenaphthylene
Concen: 0.022 ng/ul
RT: 14.300 min Scan# 2503
Delta R.T. -0.009 min
Lab File: BN028082.D
Acq: 06 Oct 2023 13:25

Tgt Ion:152 Resp: 1689
Ion Ratio Lower Upper
152 100
151 50.9 16.4 24.6#
153 97.3 10.9 16.3#

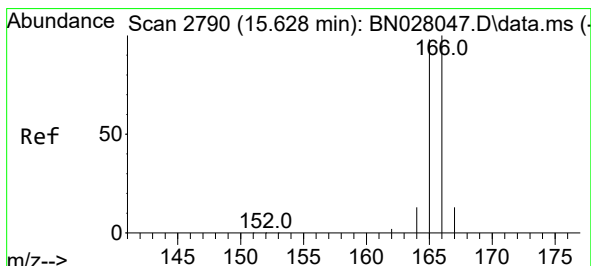
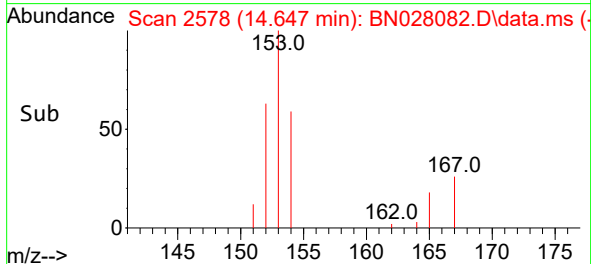
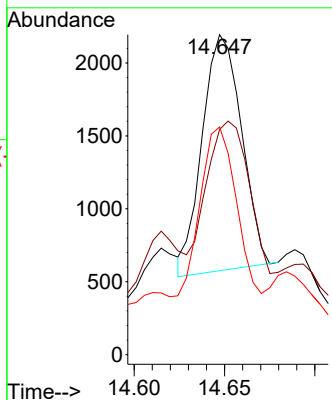
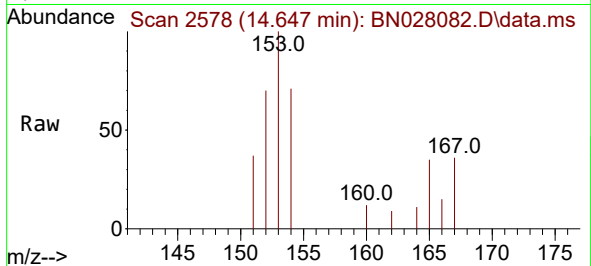




#11
Acenaphthene
Concen: 0.041 ng/ul
RT: 14.647 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN028082.D
Acq: 06 Oct 2023 13:25

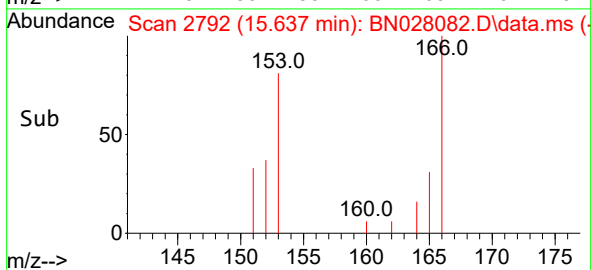
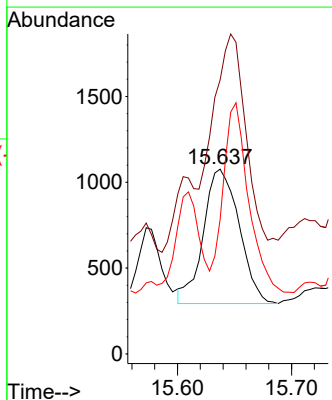
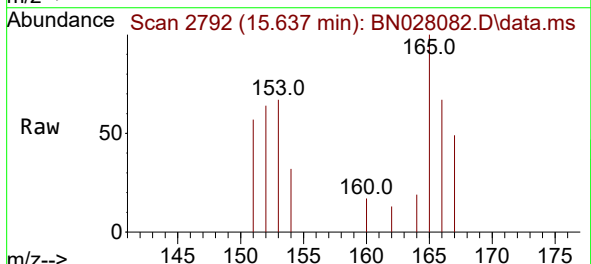
Instrument :
BNA_G
ClientSampleId :

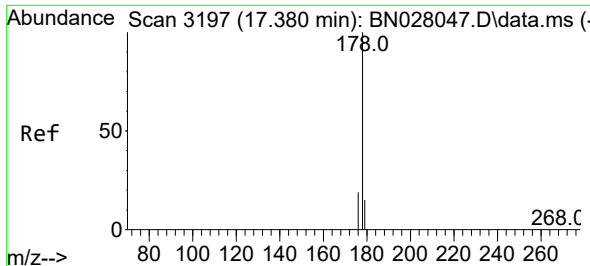
Tgt Ion:153 Resp: 2454
Ion Ratio Lower Upper
153 100
152 70.4 39.4 59.0#
154 71.1 70.2 105.4



#12
Fluorene
Concen: 0.026 ng/ul
RT: 15.637 min Scan# 2792
Delta R.T. 0.005 min
Lab File: BN028082.D
Acq: 06 Oct 2023 13:25

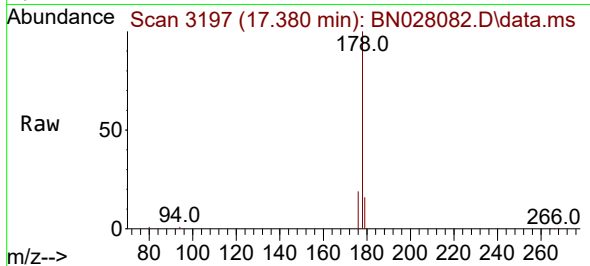
Tgt Ion:166 Resp: 1706
Ion Ratio Lower Upper
166 100
165 148.4 78.5 117.7#
167 72.8 11.2 16.8#



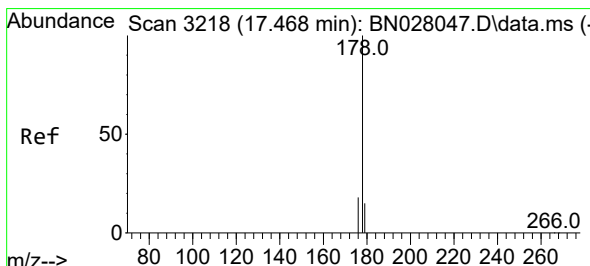
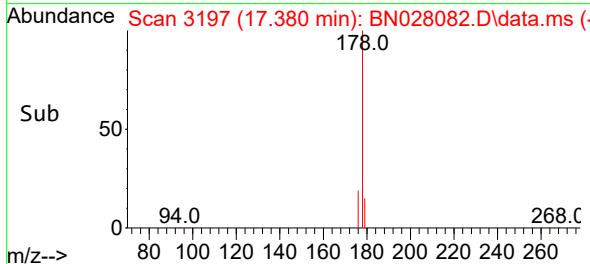
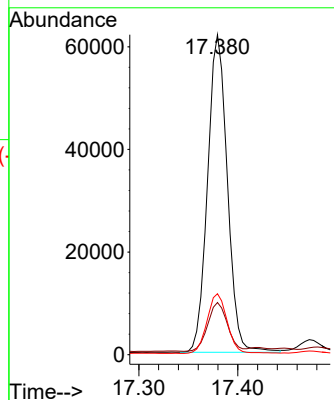


#15
Phenanthrene
Concen: 0.902 ng/ul
RT: 17.380 min Scan# 3197
Delta R.T. 0.004 min
Lab File: BN028082.D
Acq: 06 Oct 2023 13:25

Instrument :
BNA_G
ClientSampleId :

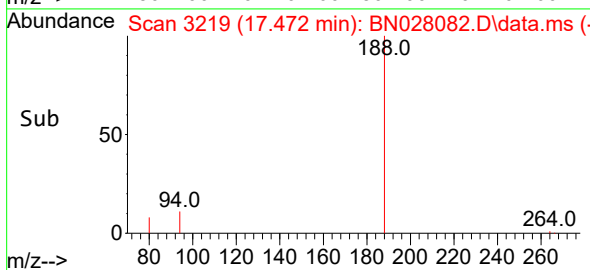
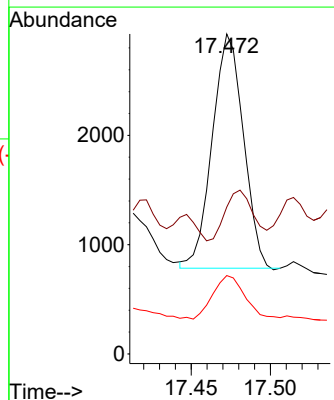
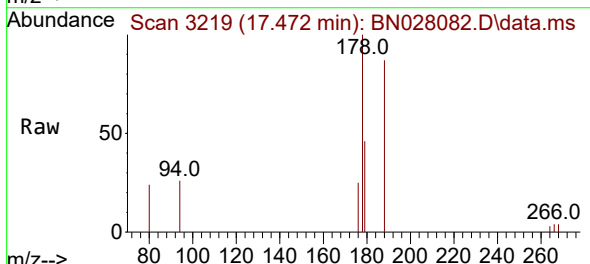


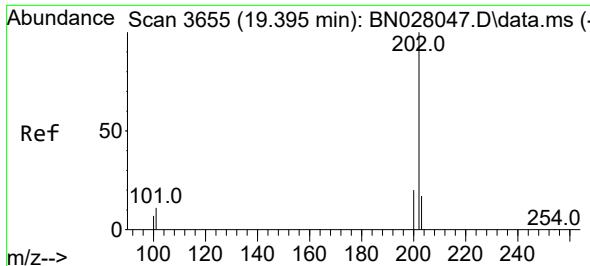
Tgt Ion:178 Resp: 86174
Ion Ratio Lower Upper
178 100
179 16.3 12.6 19.0
176 19.1 15.5 23.3



#16
Anthracene
Concen: 0.034 ng/ul
RT: 17.472 min Scan# 3219
Delta R.T. 0.004 min
Lab File: BN028082.D
Acq: 06 Oct 2023 13:25

Tgt Ion:178 Resp: 2930
Ion Ratio Lower Upper
178 100
179 45.9 12.8 19.2#
176 24.5 15.0 22.6#

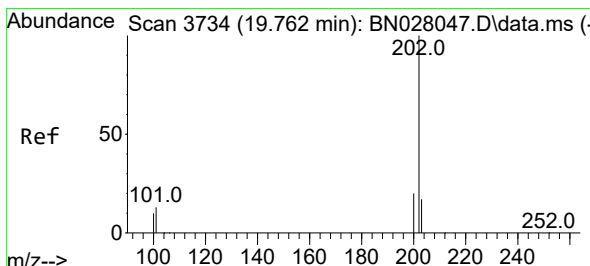
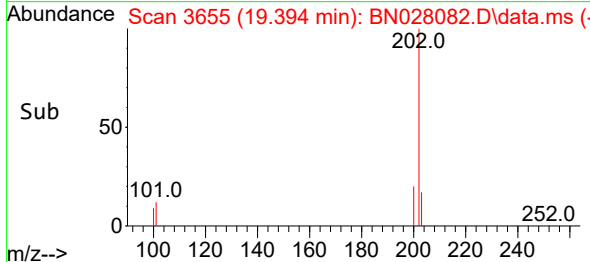
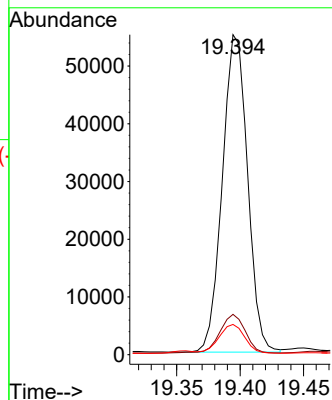
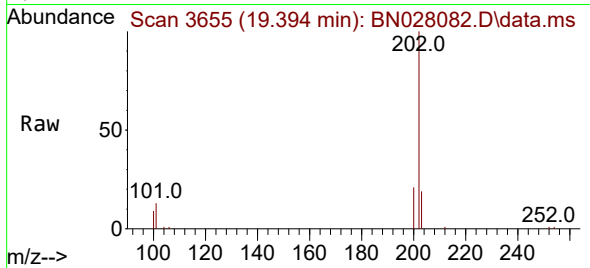




#19
Fluoranthene
Concen: 0.722 ng/ul
RT: 19.394 min Scan# 3655
Delta R.T. 0.005 min
Lab File: BN028082.D
Acq: 06 Oct 2023 13:25

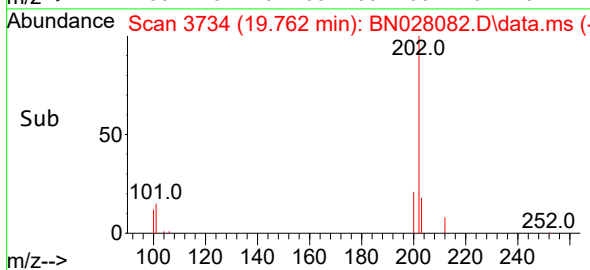
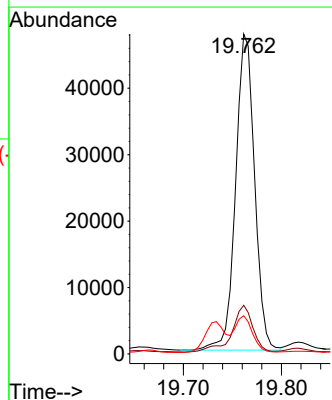
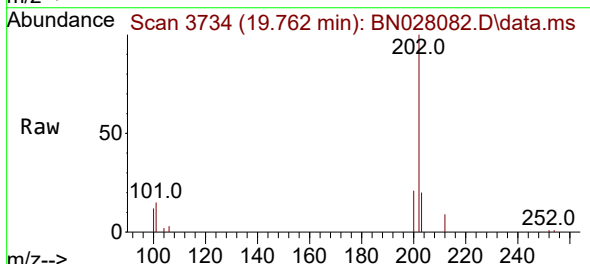
Instrument :
BNA_G
ClientSampleId :

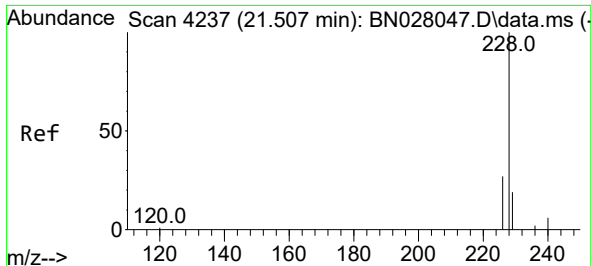
Tgt Ion:202 Resp: 75887
Ion Ratio Lower Upper
202 100
101 12.6 9.6 14.4
100 9.4 7.4 11.0



#20
Pyrene
Concen: 0.588 ng/ul
RT: 19.762 min Scan# 3734
Delta R.T. 0.005 min
Lab File: BN028082.D
Acq: 06 Oct 2023 13:25

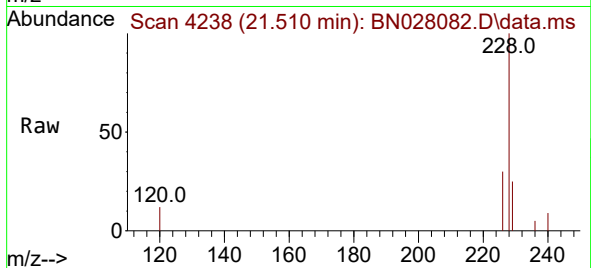
Tgt Ion:202 Resp: 64072
Ion Ratio Lower Upper
202 100
101 15.2 11.2 16.8
100 11.9 9.1 13.7



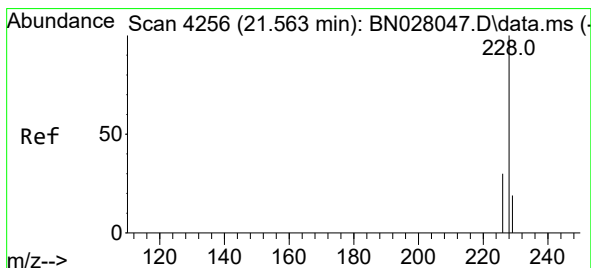
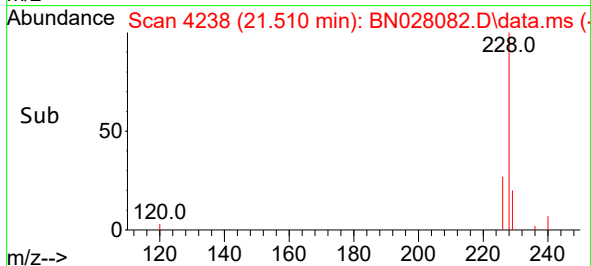
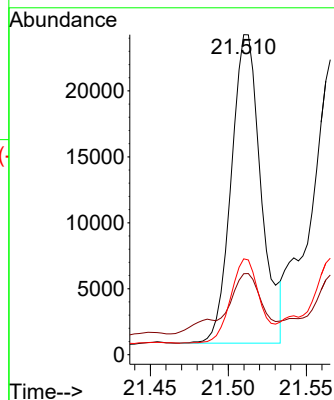


#21
Benzo(a)anthracene
Concen: 0.310 ng/ul
RT: 21.510 min Scan# 4237
Delta R.T. 0.009 min
Lab File: BN028082.D
Acq: 06 Oct 2023 13:25

Instrument :
BNA_G
ClientSampleId :

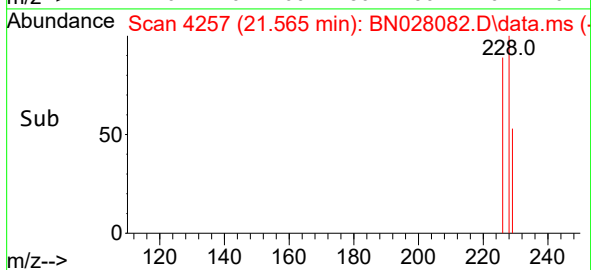
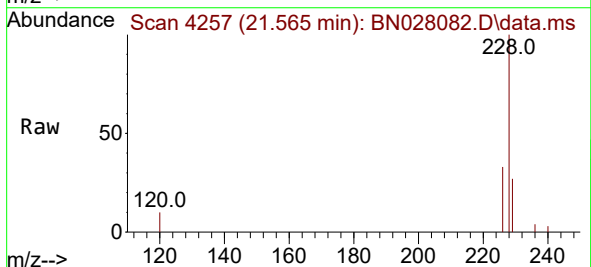
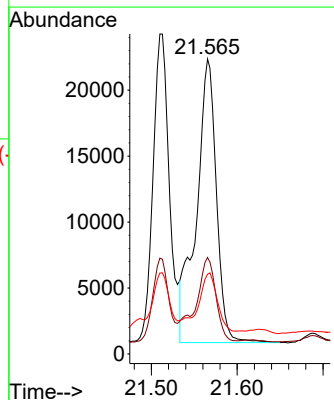


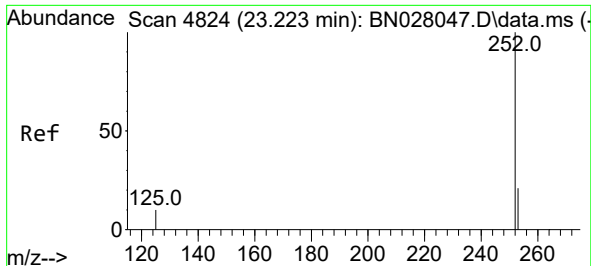
Tgt Ion:228 Resp: 31132
Ion Ratio Lower Upper
228 100
229 25.3 16.0 24.0#
226 30.0 21.5 32.3



#22
Chrysene
Concen: 0.344 ng/ul
RT: 21.565 min Scan# 4257
Delta R.T. 0.009 min
Lab File: BN028082.D
Acq: 06 Oct 2023 13:25

Tgt Ion:228 Resp: 34899
Ion Ratio Lower Upper
228 100
226 32.7 23.8 35.8
229 27.0 16.0 24.0#

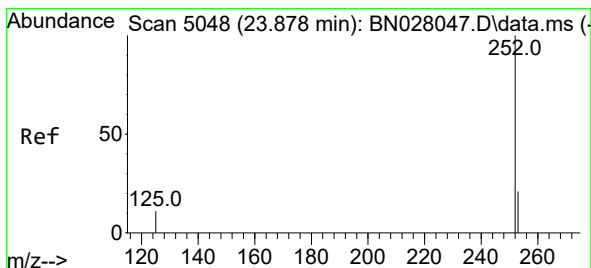
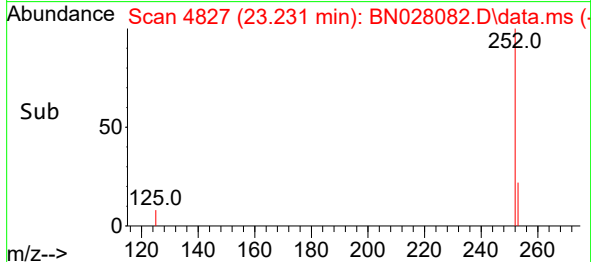
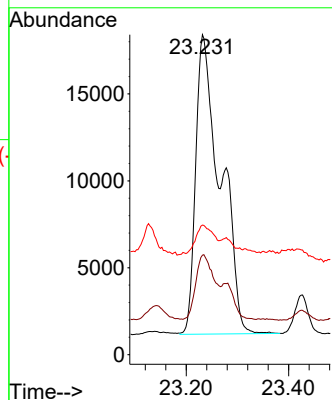
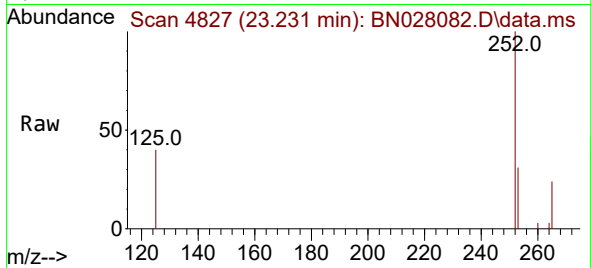




#24
Benzo(b)fluoranthene
Concen: 0.516 ng/ul
RT: 23.231 min Scan# 41
Delta R.T. 0.015 min
Lab File: BN028082.D
Acq: 06 Oct 2023 13:25

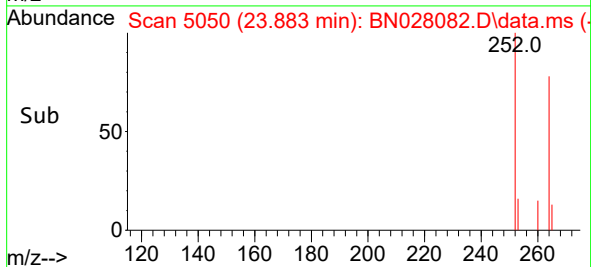
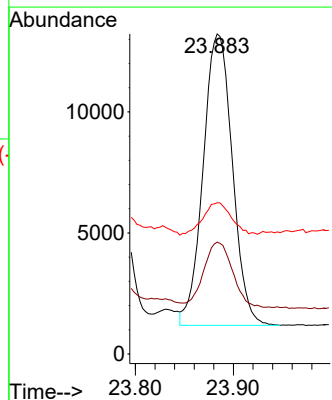
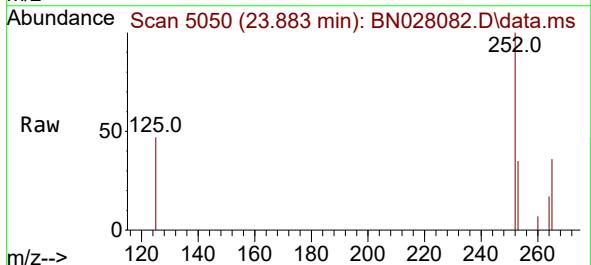
Instrument :
BNA_G
ClientSampleId :

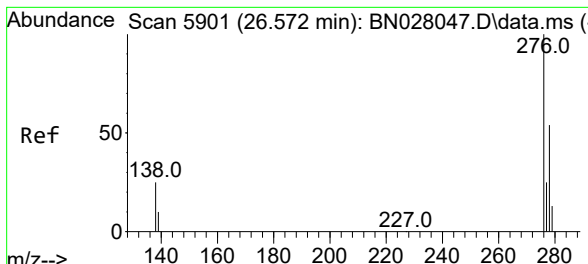
Tgt Ion:252 Resp: 57695
Ion Ratio Lower Upper
252 100
253 31.1 0.0 54.0
125 40.5 0.0 31.4#



#26
Benzo(a)pyrene
Concen: 0.262 ng/ul
RT: 23.883 min Scan# 5050
Delta R.T. 0.015 min
Lab File: BN028082.D
Acq: 06 Oct 2023 13:25

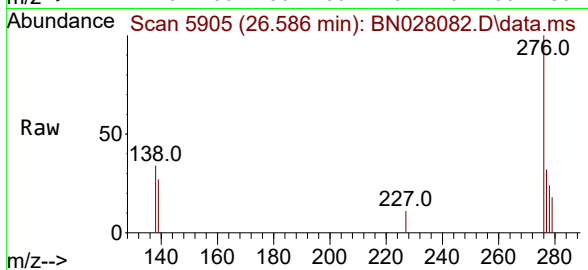
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Ion Ratio Lower Upper
252 100
253 34.9 23.4 35.2
125 47.3 15.3 22.9#



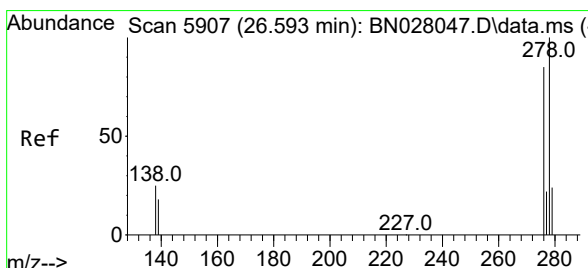
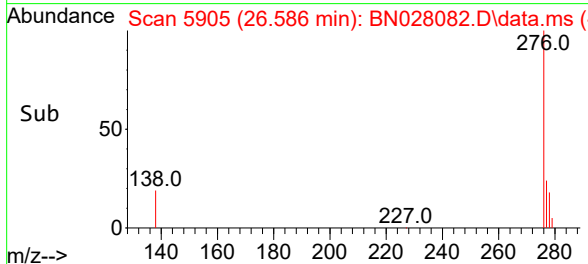
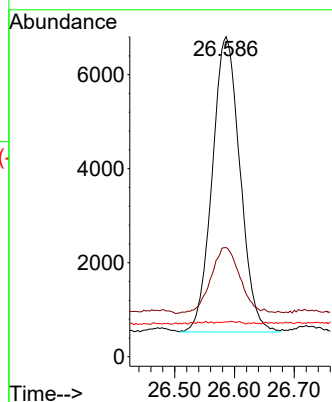


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.176 ng/ul
RT: 26.586 min Scan# 5905
Delta R.T. 0.020 min
Lab File: BN028082.D
Acq: 06 Oct 2023 13:25

Instrument :
BNA_G
ClientSampleId :

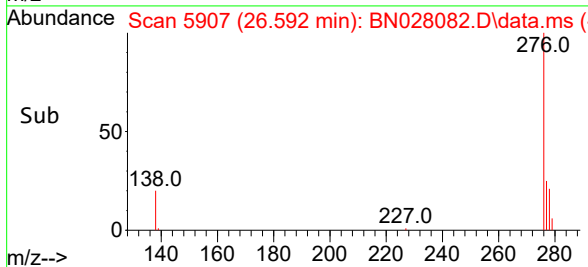
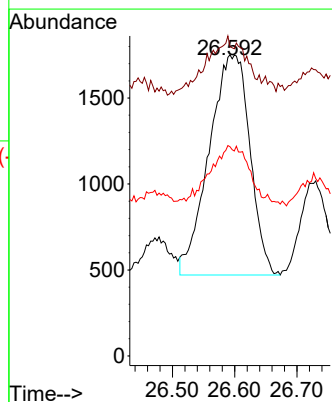
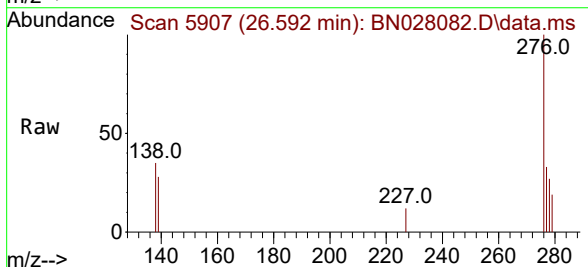


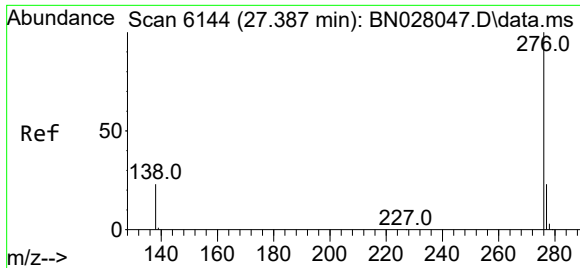
Tgt Ion:276 Resp: 20249
Ion Ratio Lower Upper
276 100
138 23.8 21.6 32.4
227 0.5 0.2 0.2#



#28
Dibenzo(a,h)anthracene
Concen: 0.062 ng/ul
RT: 26.592 min Scan# 5907
Delta R.T. 0.010 min
Lab File: BN028082.D
Acq: 06 Oct 2023 13:25

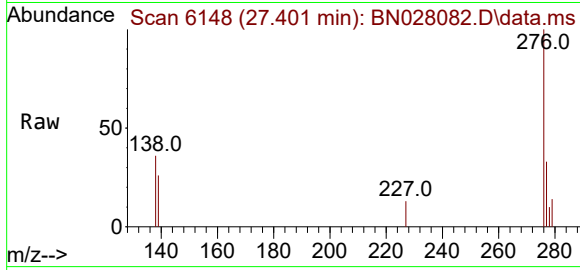
Tgt Ion:278 Resp: 5822
Ion Ratio Lower Upper
278 100
139 102.7 15.9 23.9#
279 69.5 22.8 34.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.208 ng/ul
 RT: 27.401 min Scan# 6148
 Delta R.T. 0.023 min
 Lab File: BN028082.D
 Acq: 06 Oct 2023 13:25

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:276 Resp: 19576
 Ion Ratio Lower Upper
 276 100
 138 36.1 19.8 29.6#
 277 32.5 20.6 31.0#

