

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026237.D
 Acq On : 03 Jul 2023 22:27
 Operator : MA/JU
 Sample : 03246-20
 Misc :
 ALS Vial : 94 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 04 01:04:33 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 04 00:40:07 2023
 Response via : Initial Calibration

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

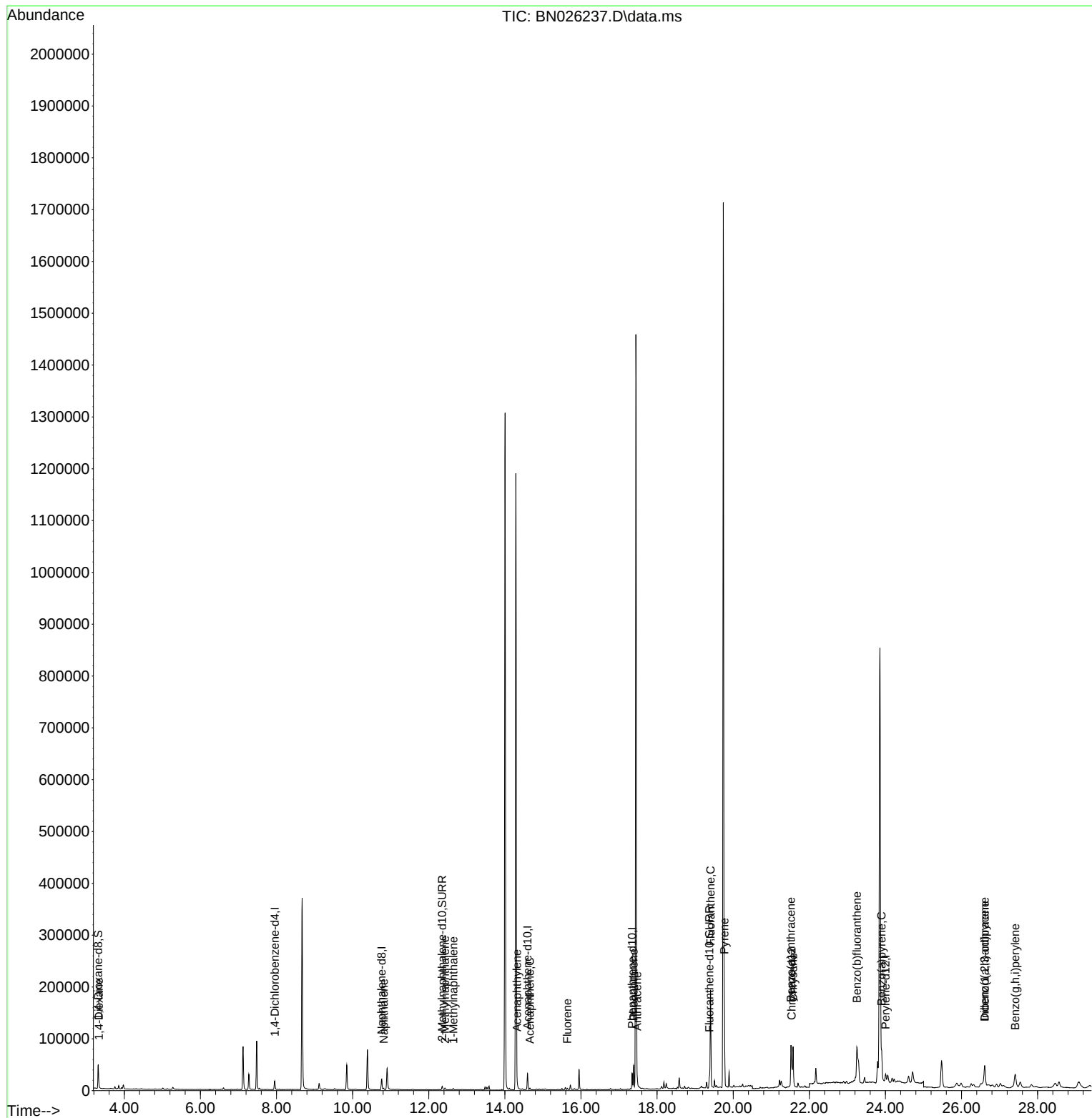
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	9415	0.400	ng/ul	0.00
4) Naphthalene-d8	10.764	136	29570	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.598	164	17894	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.342	188	37087	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	20345	0.400	ng/ul	# 0.00
23) Perylene-d12	24.005	264	22776	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	30969	2.921	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	10057	0.221	ng/ul	0.00
18) Fluoranthene-d10	19.372	212	21226	0.274	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.335	88	245	0.022	ng/ul#	1
5) Naphthalene	10.814	128	3843	0.045	ng/ul#	90
7) 2-Methylnaphthalene	12.425	142	2538	0.047	ng/ul	97
8) 1-Methylnaphthalene	12.645	142	1916	0.034	ng/ul	100
10) Acenaphthylene	14.320	152	6399	0.076	ng/ul#	92
11) Acenaphthene	14.658	153	1756	0.026	ng/ul	93
12) Fluorene	15.643	166	1743	0.022	ng/ul#	91
15) Phenanthrene	17.385	178	50555	0.413	ng/ul	99
16) Anthracene	17.478	178	13315	0.122	ng/ul#	91
19) Fluoranthene	19.405	202	158779	1.461	ng/ul	95
20) Pyrene	19.767	202	131601	1.164	ng/ul	96
21) Benzo(a)anthracene	21.517	228	67270	0.802	ng/ul	95
22) Chrysene	21.573	228	77143	0.883	ng/ul#	90
24) Benzo(b)fluoranthene	23.250	252	164456	1.692	ng/ul	97
26) Benzo(a)pyrene	23.899	252	83944	0.994	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.608	276	62983	0.683	ng/ul#	44
28) Dibenzo(a,h)anthracene	26.611	278	16426	0.235	ng/ul#	77
29) Benzo(g,h,i)perylene	27.409	276	59249	0.722	ng/ul	96

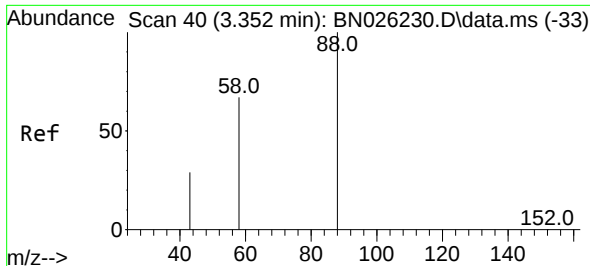
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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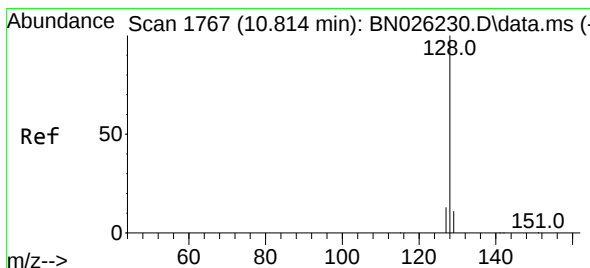
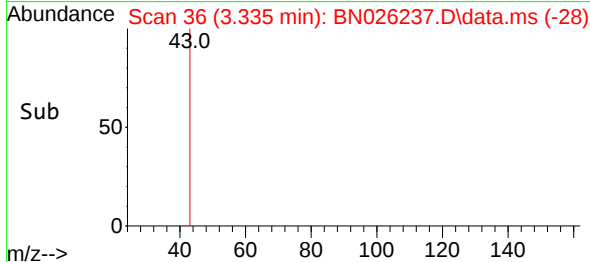
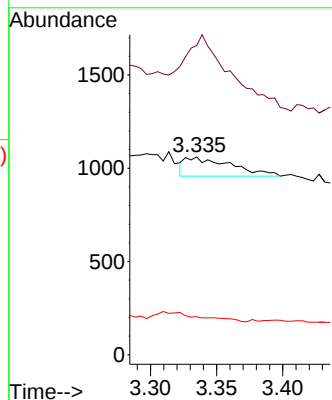
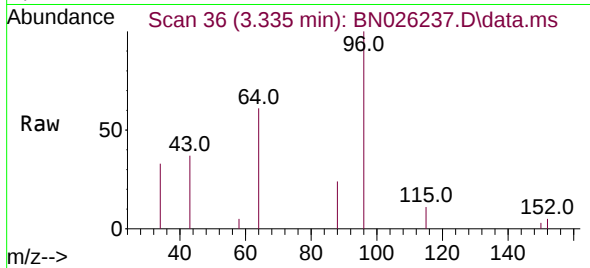




#2
1,4-Dioxane
Concen: 0.022 ng/ul
RT: 3.335 min Scan# 30
Delta R.T. -0.017 min
Lab File: BN026237.D
Acq: 03 Jul 2023 22:27

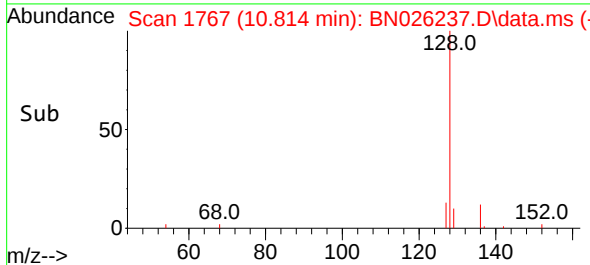
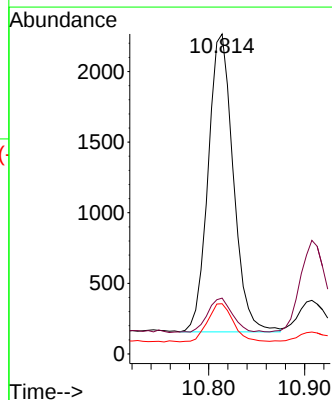
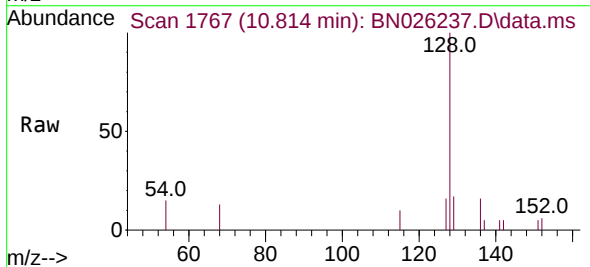
Instrument :
BNA_N
ClientSampleId :

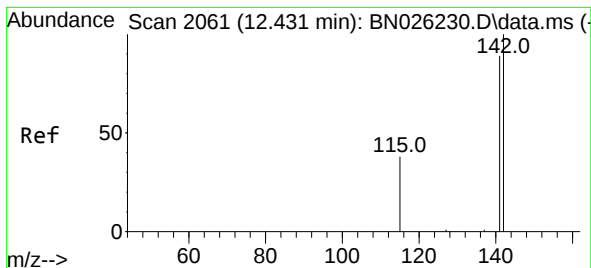
Tgt Ion: 88 Resp: 245
Ion Ratio Lower Upper
88 100
43 156.3 29.5 44.3#
58 19.2 37.4 56.2#



#5
Naphthalene
Concen: 0.045 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BN026237.D
Acq: 03 Jul 2023 22:27

Tgt Ion: 128 Resp: 3843
Ion Ratio Lower Upper
128 100
129 17.4 9.1 13.7#
127 15.7 10.7 16.1





#7

2-Methylnaphthalene

Concen: 0.047 ng/ul

RT: 12.425 min Scan# 2061

Delta R.T. -0.006 min

Lab File: BN026237.D

Acq: 03 Jul 2023 22:27

Instrument :

BNA_N

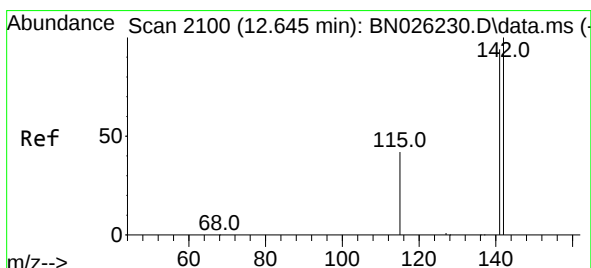
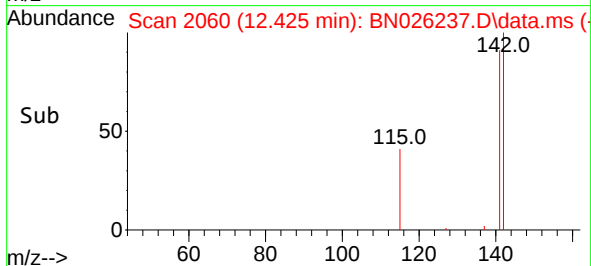
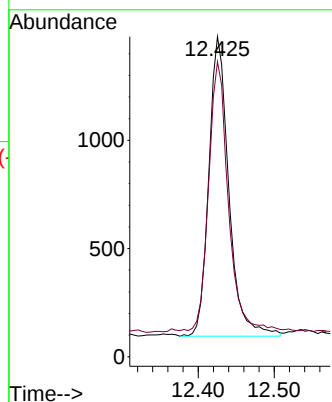
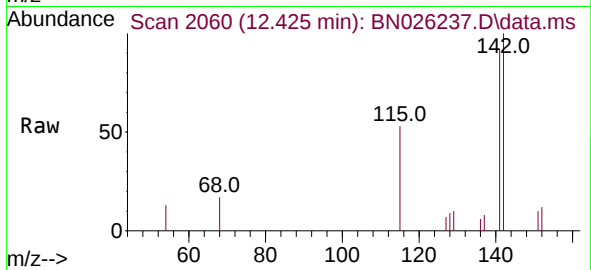
ClientSampleId :

Tgt Ion:142 Resp: 2538

Ion Ratio Lower Upper

142 100

141 86.9 71.9 107.9



#8

1-Methylnaphthalene

Concen: 0.034 ng/ul

RT: 12.645 min Scan# 2100

Delta R.T. -0.000 min

Lab File: BN026237.D

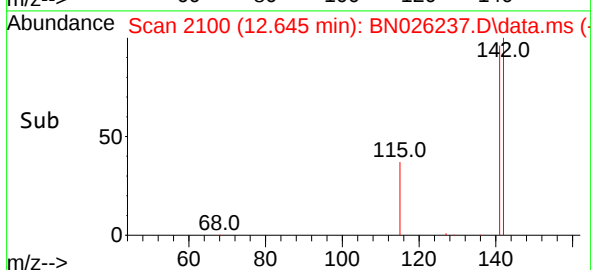
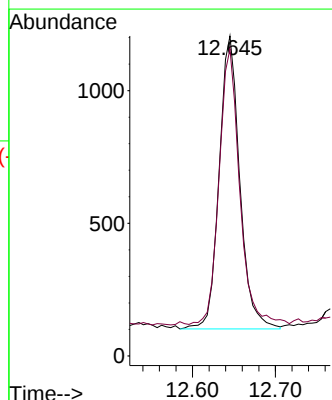
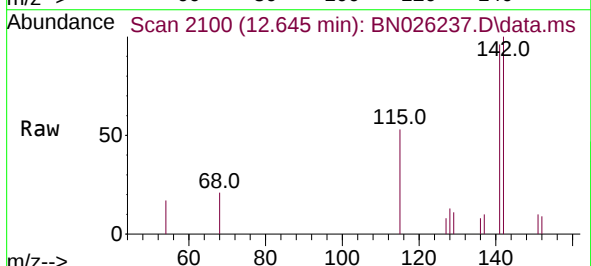
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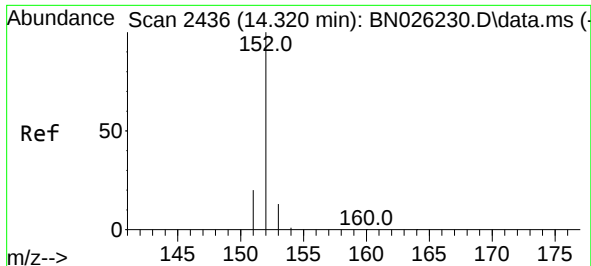
Tgt Ion:142 Resp: 1916

Ion Ratio Lower Upper

142 100

141 93.0 74.2 111.4

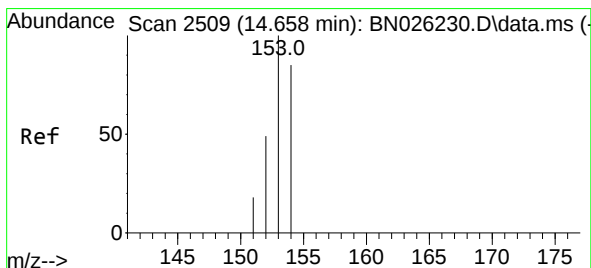
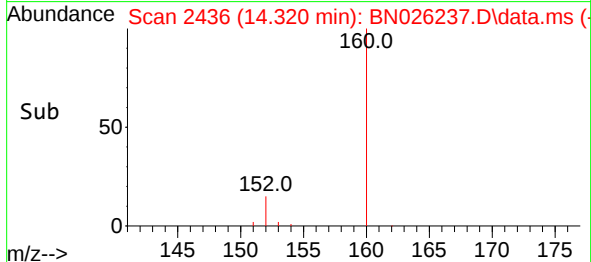
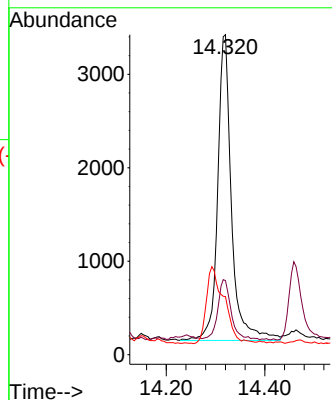
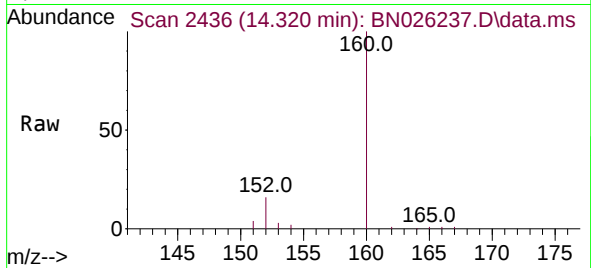




#10
Acenaphthylene
Concen: 0.076 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. -0.000 min
Lab File: BN026237.D
Acq: 03 Jul 2023 22:27

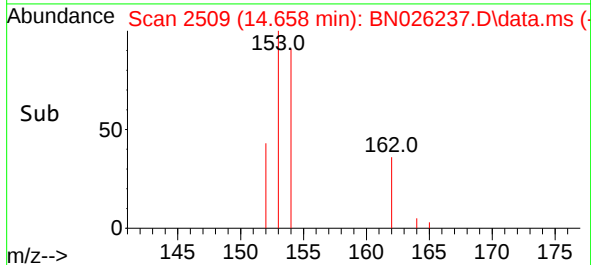
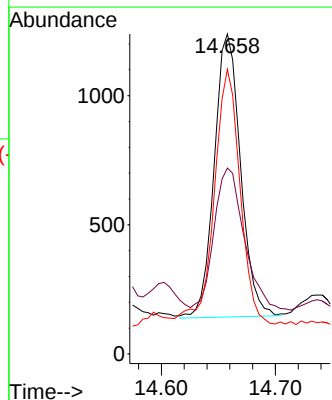
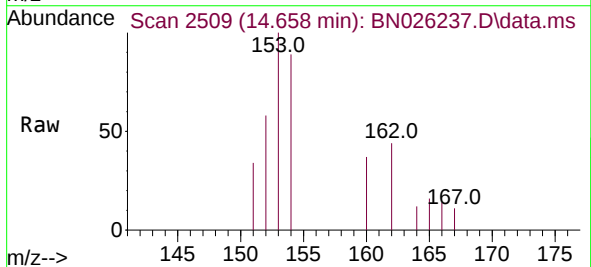
Instrument :
BNA_N
ClientSampleId :

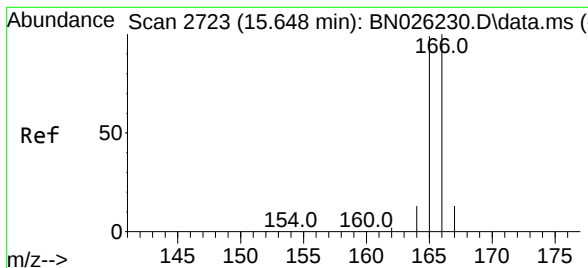
Tgt Ion:152 Resp: 6399
Ion Ratio Lower Upper
152 100
151 23.1 16.2 24.4
153 18.1 10.9 16.3#



#11
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.658 min Scan# 2509
Delta R.T. -0.000 min
Lab File: BN026237.D
Acq: 03 Jul 2023 22:27

Tgt Ion:153 Resp: 1756
Ion Ratio Lower Upper
153 100
152 58.1 39.4 59.0
154 88.9 68.9 103.3





#12

Fluorene

Concen: 0.022 ng/ul

RT: 15.643 min Scan# 21

Delta R.T. -0.005 min

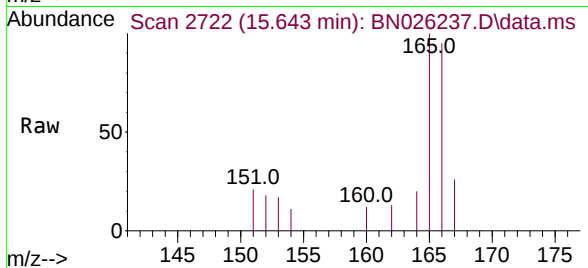
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Acq: 03 Jul 2023 22:27

Instrument :

BNA_N

ClientSampleId :



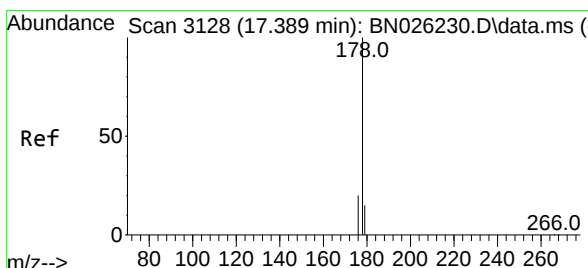
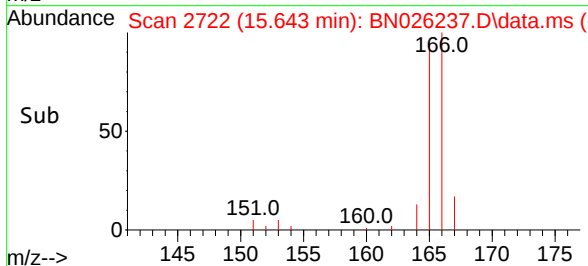
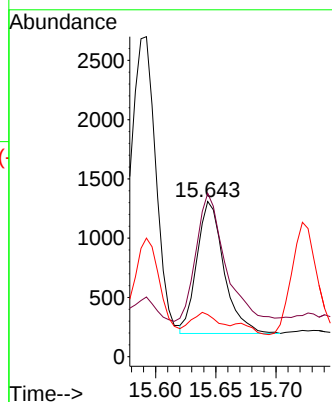
Tgt Ion:166 Resp: 1743

Ion Ratio Lower Upper

166 100

165 105.3 79.9 119.9

167 27.1 10.8 16.2#



#15

Phenanthrene

Concen: 0.413 ng/ul

RT: 17.385 min Scan# 3127

Delta R.T. -0.004 min

Lab File: BN026237.D

Acq: 03 Jul 2023 22:27

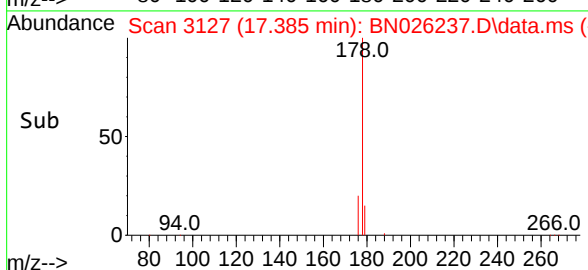
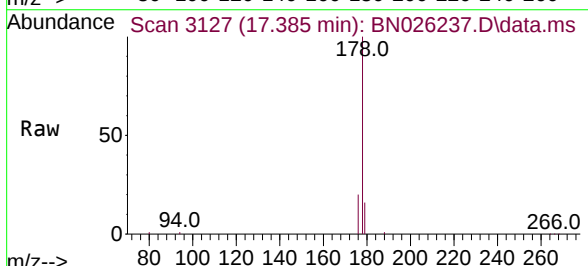
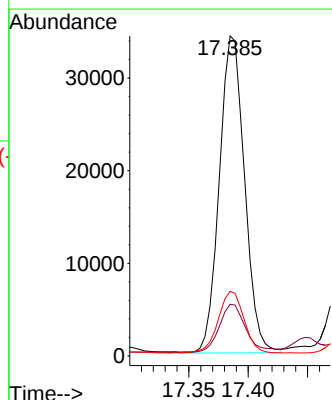
Tgt Ion:178 Resp: 50555

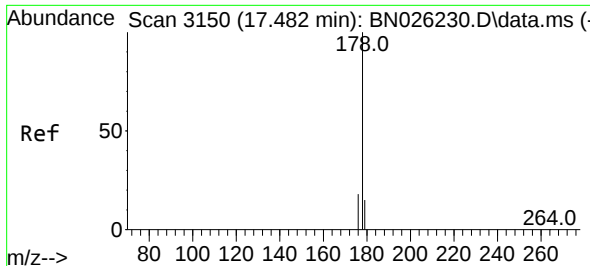
Ion Ratio Lower Upper

178 100

179 16.1 12.6 19.0

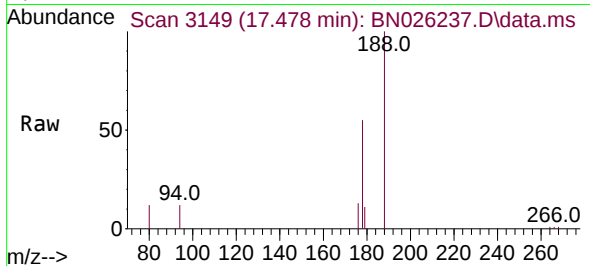
176 20.2 15.8 23.6



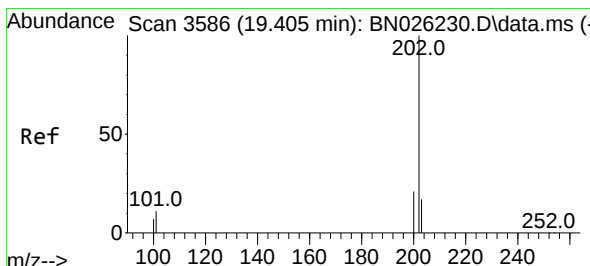
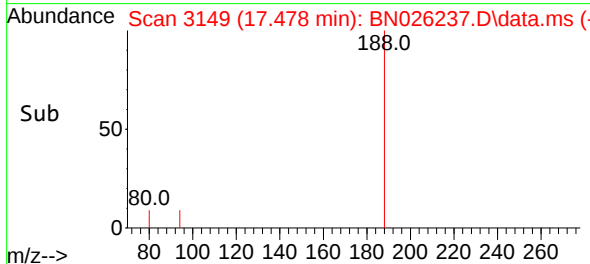
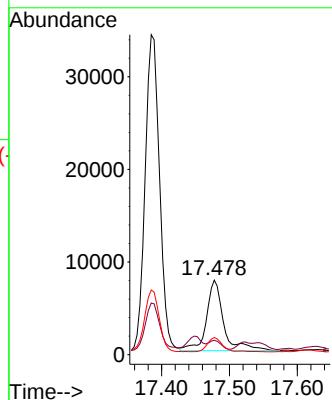


#16
 Anthracene
 Concen: 0.122 ng/ul
 RT: 17.478 min Scan# 3150
 Delta R.T. -0.004 min
 Lab File: BN026237.D
 Acq: 03 Jul 2023 22:27

Instrument :
 BNA_N
 ClientSampleId :

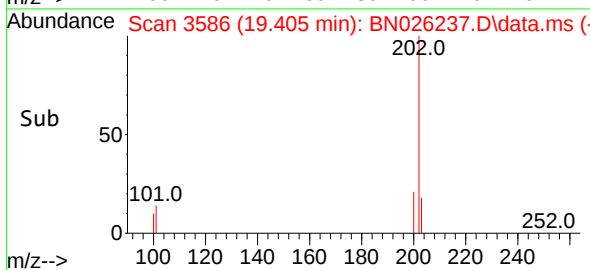
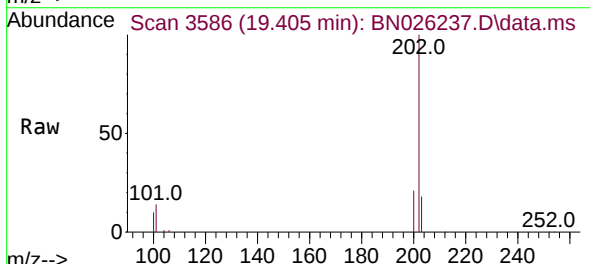
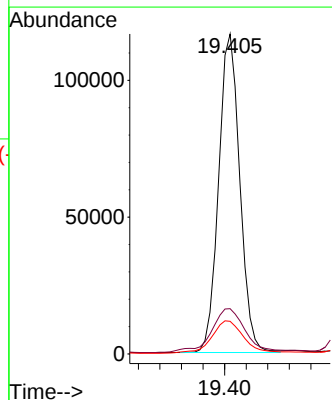


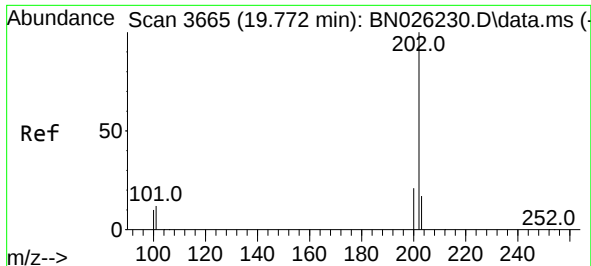
Tgt Ion:178 Resp: 13315
 Ion Ratio Lower Upper
 178 100
 179 19.4 12.6 18.8#
 176 22.9 15.1 22.7#



#19
 Fluoranthene
 Concen: 1.461 ng/ul
 RT: 19.405 min Scan# 3586
 Delta R.T. -0.000 min
 Lab File: BN026237.D
 Acq: 03 Jul 2023 22:27

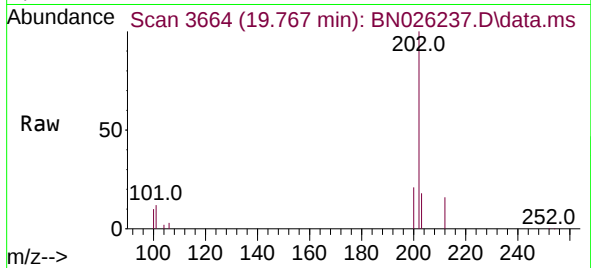
Tgt Ion:202 Resp: 158779
 Ion Ratio Lower Upper
 202 100
 101 14.1 9.5 14.3
 100 10.2 7.3 10.9



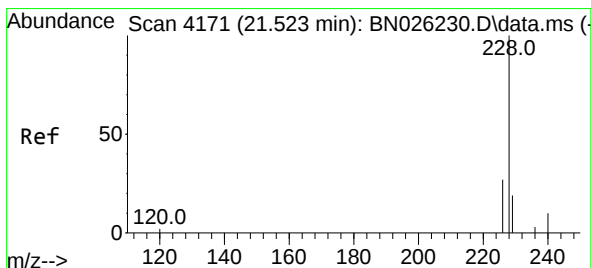
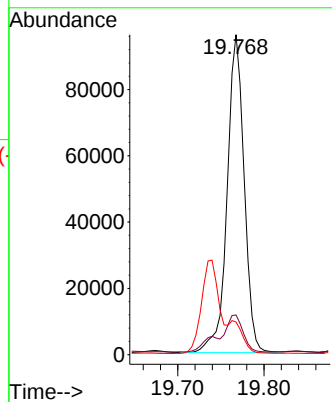
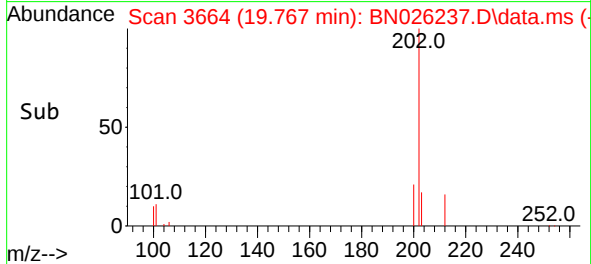


#20
 Pyrene
 Concen: 1.164 ng/ul
 RT: 19.767 min Scan# 3664
 Delta R.T. -0.005 min
 Lab File: BN026237.D
 Acq: 03 Jul 2023 22:27

Instrument :
 BNA_N
 ClientSampleId :

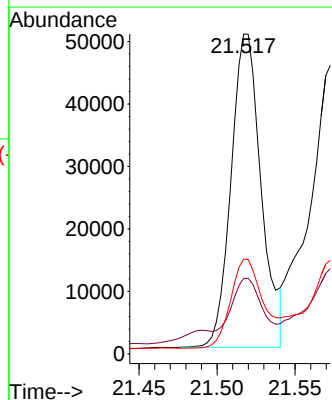
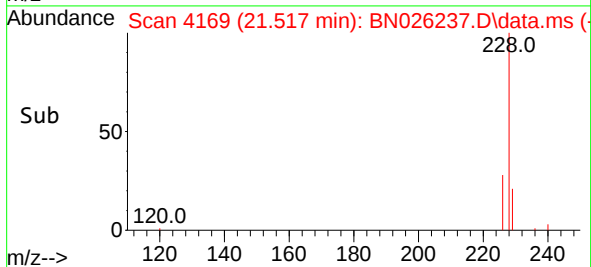
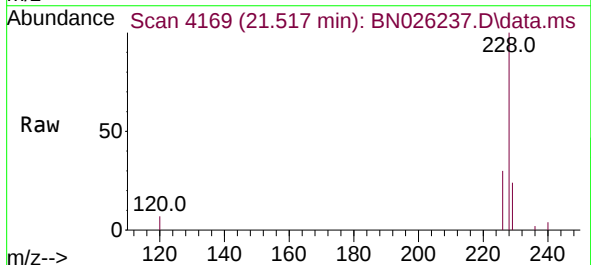


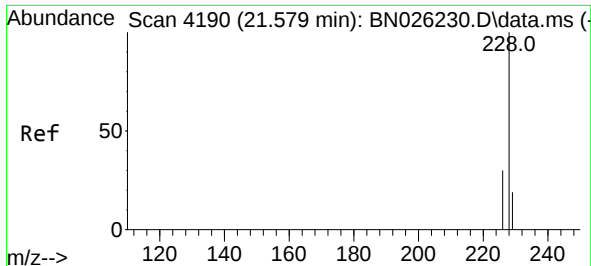
Tgt Ion:202 Resp: 131601
 Ion Ratio Lower Upper
 202 100
 101 12.4 11.4 17.0
 100 10.2 9.1 13.7



#21
 Benzo(a)anthracene
 Concen: 0.802 ng/ul
 RT: 21.517 min Scan# 4169
 Delta R.T. -0.006 min
 Lab File: BN026237.D
 Acq: 03 Jul 2023 22:27

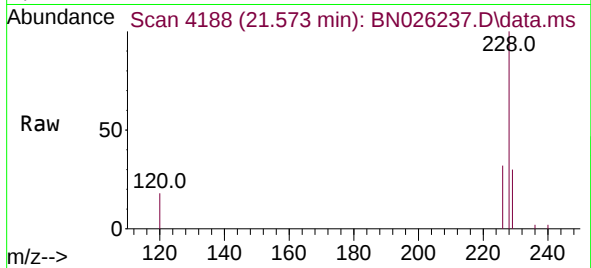
Tgt Ion:228 Resp: 67270
 Ion Ratio Lower Upper
 228 100
 229 23.6 15.8 23.6
 226 29.6 22.5 33.7



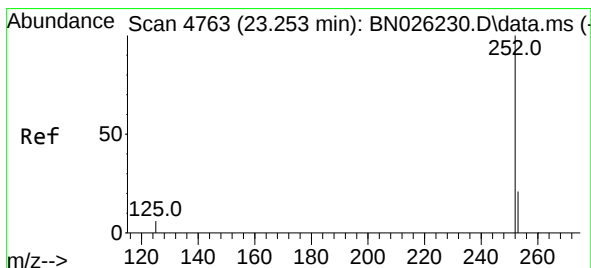
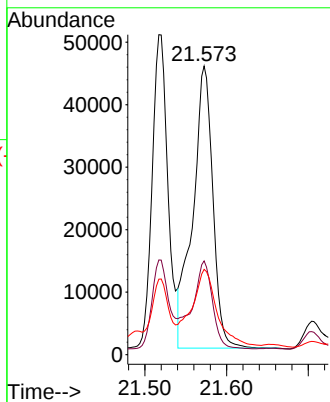
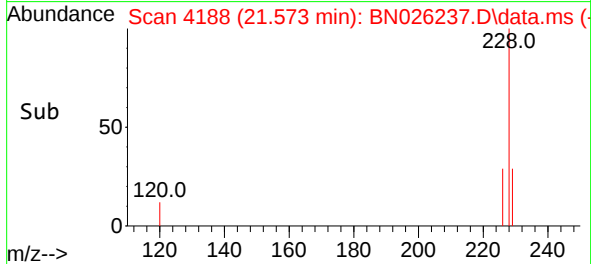


#22
Chrysene
Concen: 0.883 ng/ul
RT: 21.573 min Scan# 4188
Delta R.T. -0.006 min
Lab File: BN026237.D
Acq: 03 Jul 2023 22:27

Instrument :
BNA_N
ClientSampleId :

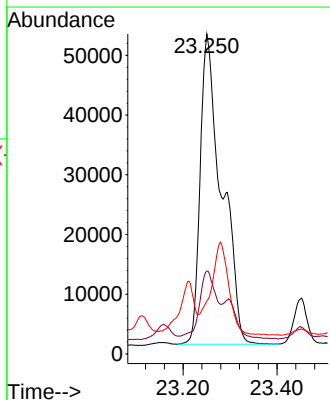
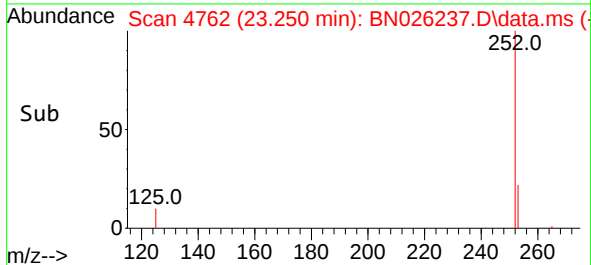
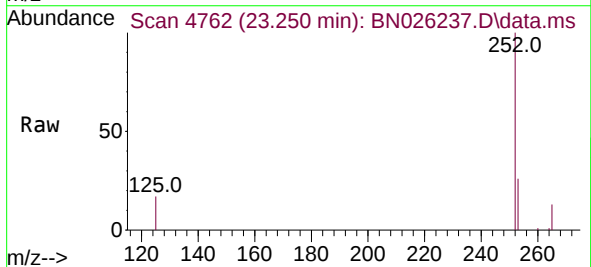


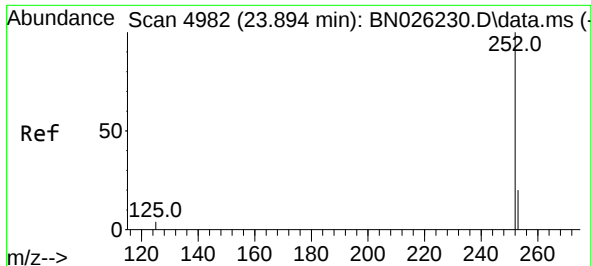
Tgt Ion:228 Resp: 77143
Ion Ratio Lower Upper
228 100
226 32.5 24.8 37.2
229 29.5 15.7 23.5#



#24
Benzo(b)fluoranthene
Concen: 1.692 ng/ul
RT: 23.250 min Scan# 4762
Delta R.T. -0.003 min
Lab File: BN026237.D
Acq: 03 Jul 2023 22:27

Tgt Ion:252 Resp: 164456
Ion Ratio Lower Upper
252 100
253 25.9 0.0 55.6
125 16.5 0.0 35.8

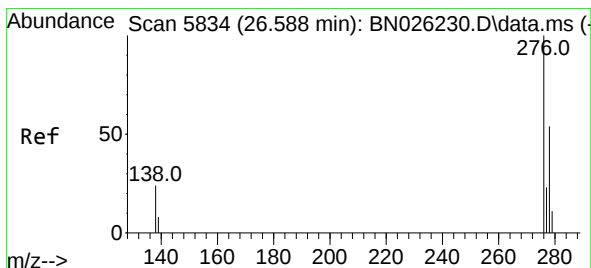
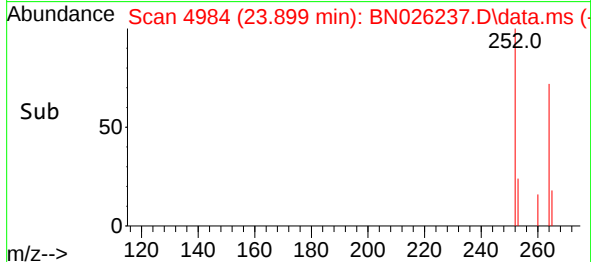
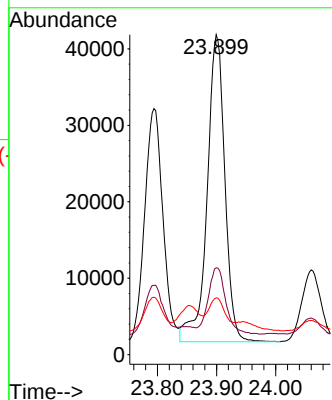
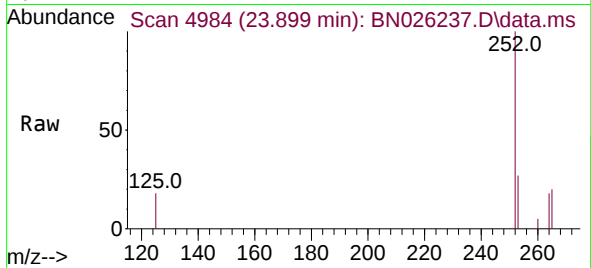




#26
Benzo(a)pyrene
Concen: 0.994 ng/ul
RT: 23.899 min Scan# 4984
Delta R.T. 0.006 min
Lab File: BN026237.D
Acq: 03 Jul 2023 22:27

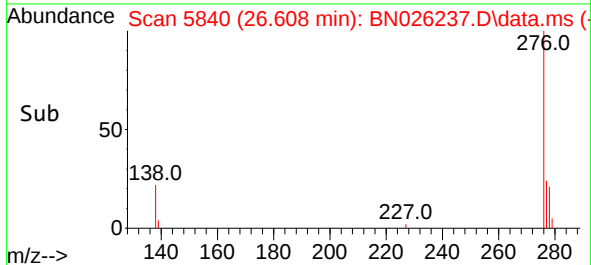
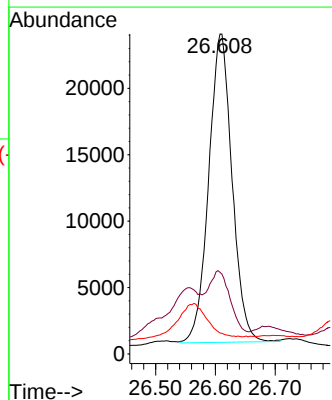
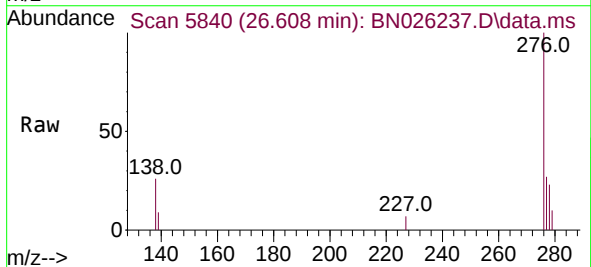
Instrument :
BNA_N
ClientSampleId :

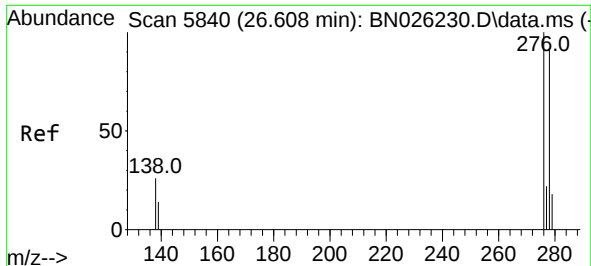
Tgt Ion:252 Resp: 83944
Ion Ratio Lower Upper
252 100
253 27.2 26.0 39.0
125 17.8 17.3 25.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.683 ng/ul
RT: 26.608 min Scan# 5840
Delta R.T. 0.020 min
Lab File: BN026237.D
Acq: 03 Jul 2023 22:27

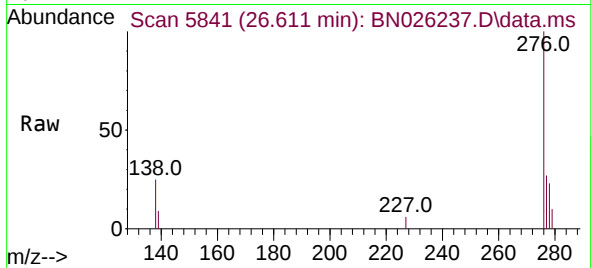
Tgt Ion:276 Resp: 62983
Ion Ratio Lower Upper
276 100
138 0.0 24.5 36.7#
227 0.0 0.0 0.0



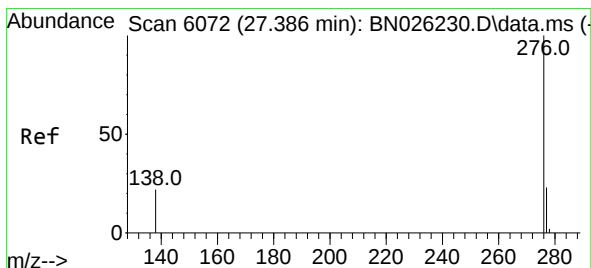
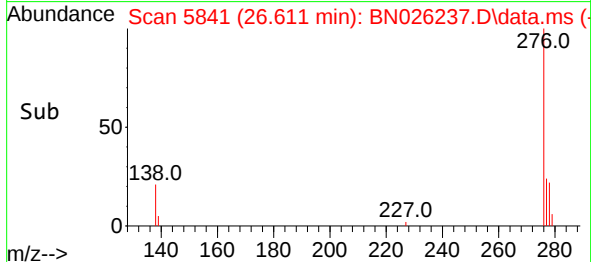
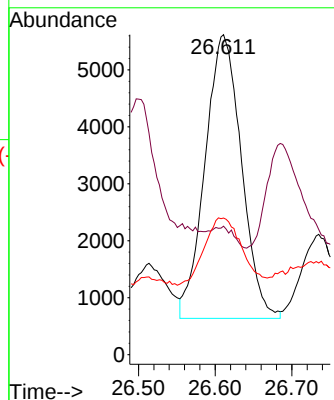


#28
 Dibenzo(a,h)anthracene
 Concen: 0.235 ng/ul
 RT: 26.611 min Scan# 5841
 Delta R.T. 0.003 min
 Lab File: BN026237.D
 Acq: 03 Jul 2023 22:27

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:278 Resp: 16426
 Ion Ratio Lower Upper
 278 100
 139 40.1 19.0 28.4#
 279 42.7 26.7 40.1#



#29
 Benzo(g,h,i)perylene
 Concen: 0.722 ng/ul
 RT: 27.409 min Scan# 6079
 Delta R.T. 0.023 min
 Lab File: BN026237.D
 Acq: 03 Jul 2023 22:27

Tgt Ion:276 Resp: 59249
 Ion Ratio Lower Upper
 276 100
 138 27.4 23.4 35.0
 277 27.1 20.0 30.0

