

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032642.D
 Acq On : 11 Jul 2024 18:57
 Operator : MA/JU
 Sample : P3035-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CW2

Quant Time: Jul 12 01:55:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

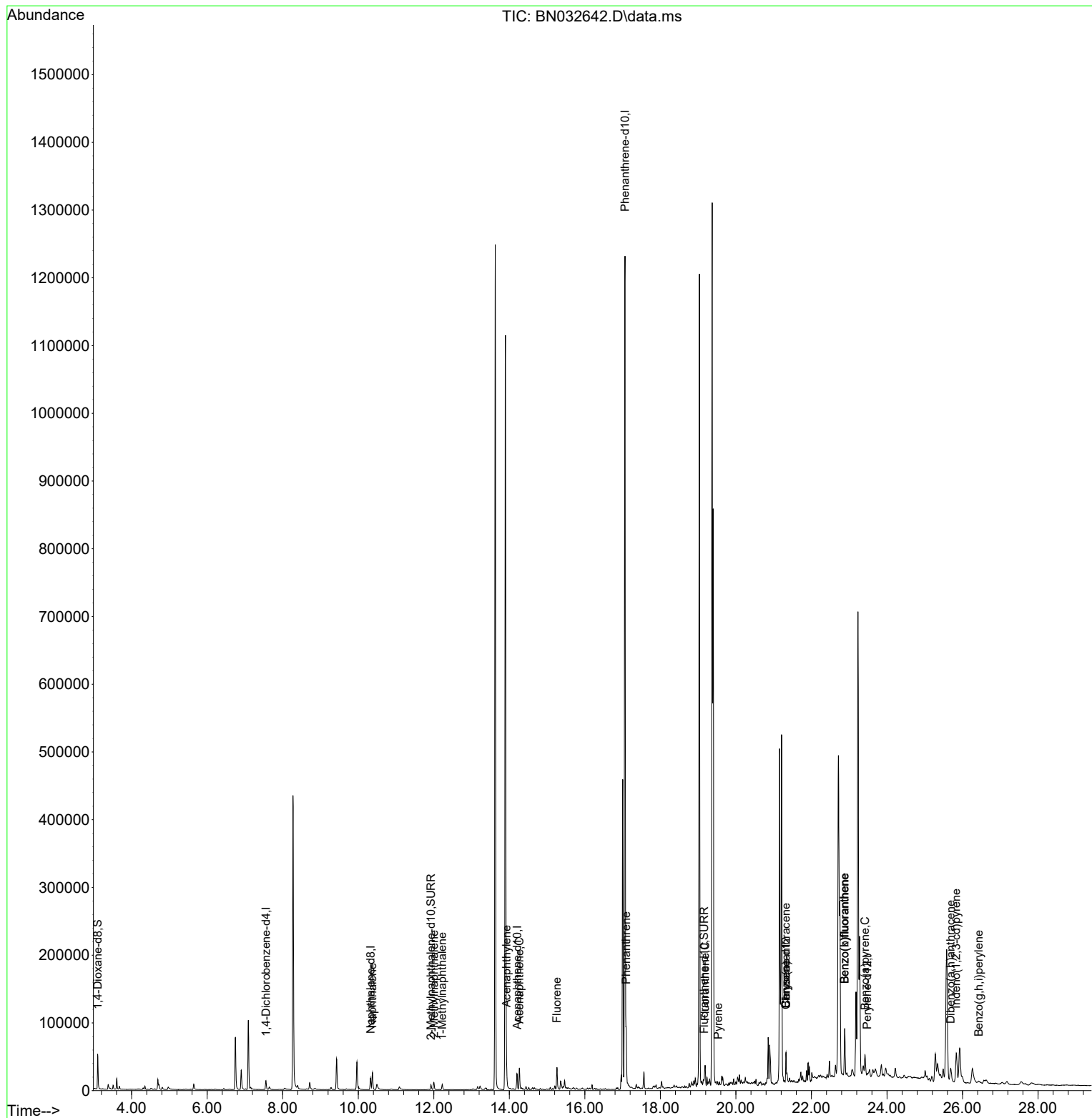
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	7496	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	23900	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.207	164	13558	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.062	188	1440255	0.400	ng/ul	0.07
17) Chrysene-d12	21.322	240	338	0.400	ng/ul	# 0.13
23) Perylene-d12	23.476	264	3358	0.400	ng/ul	# 0.08
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	33484	3.720	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	10828	0.300	ng/ul	-0.04
18) Fluoranthene-d10	19.161	212	108	0.098	ng/ul	0.13
Target Compounds					Qvalue	
5) Naphthalene	10.376	128	26738	0.417	ng/ul	98
7) 2-Methylnaphthalene	12.004	142	9322	0.233	ng/ul	96
8) 1-Methylnaphthalene	12.224	142	6377	0.154	ng/ul	99
10) Acenaphthylene	13.924	152	38766	0.708	ng/ul	100
11) Acenaphthene	14.267	153	19000	0.419	ng/ul	99
12) Fluorene	15.261	166	21891	0.423	ng/ul	98
15) Phenanthrene	17.096	178	82434	0.021	ng/ul	98
19) Fluoranthene	19.185	202	23246	16.916	ng/ul#	95
20) Pyrene	19.529	202	546	0.384	ng/ul#	50
21) Benzo(a)anthracene	21.325	228	41325	38.410	ng/ul#	49
22) Chrysene	21.325	228	42344	27.206	ng/ul#	52
24) Benzo(b)fluoranthene	22.880	252	81249	6.857	ng/ul	90
25) Benzo(k)fluoranthene	22.880	252	90879	6.294	ng/ul#	90
26) Benzo(a)pyrene	23.418	252	31416	3.064	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	25.834	276	16624	1.197	ng/ul#	47
28) Dibenzo(a,h)anthracene	25.686	278	29198	2.713	ng/ul#	70
29) Benzo(g,h,i)perylene	26.431	276	3025	0.261	ng/ul#	1

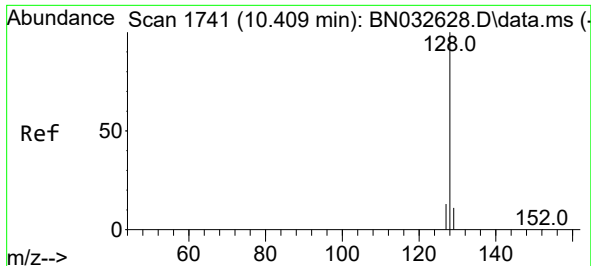
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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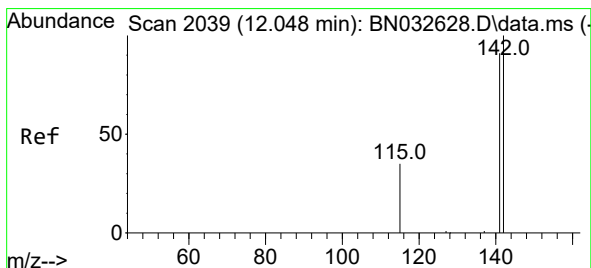
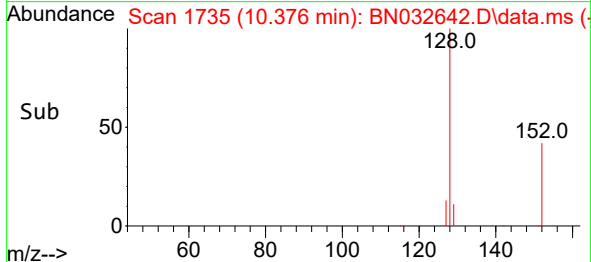
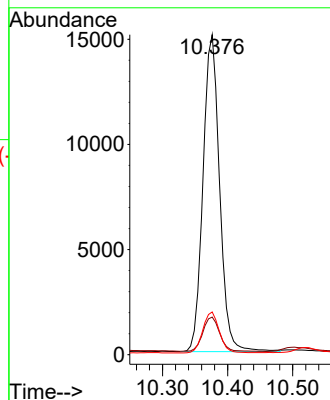
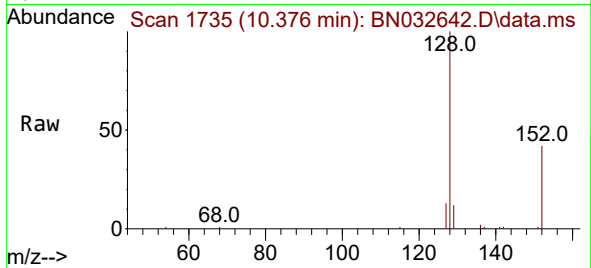




#5
Naphthalene
Concen: 0.417 ng/ul
RT: 10.376 min Scan# 1735
Delta R.T. -0.033 min
Lab File: BN032642.D
Acq: 11 Jul 2024 18:57

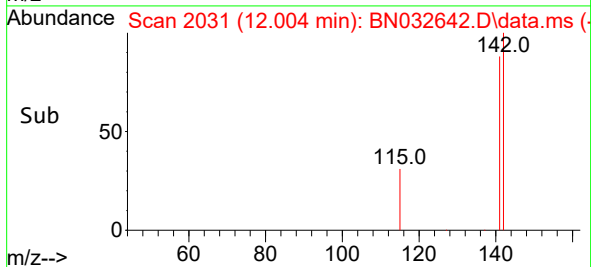
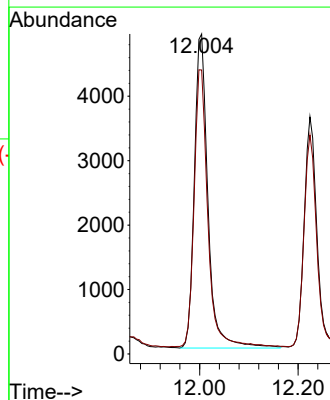
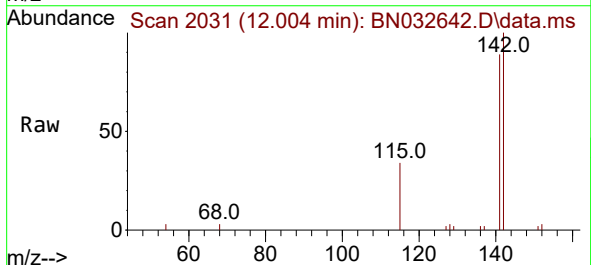
Instrument :
BNA_N
ClientSampleId :
A4CW2

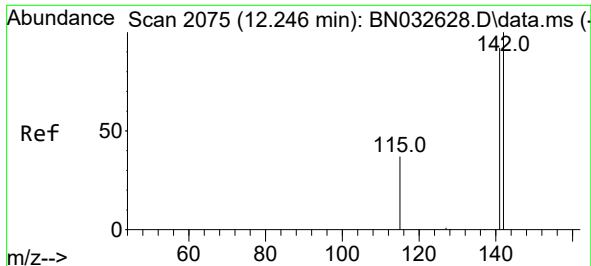
Tgt Ion:128 Resp: 26738
Ion Ratio Lower Upper
128 100
129 11.7 10.0 15.0
127 13.4 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.233 ng/ul
RT: 12.004 min Scan# 2031
Delta R.T. -0.044 min
Lab File: BN032642.D
Acq: 11 Jul 2024 18:57

Tgt Ion:142 Resp: 9322
Ion Ratio Lower Upper
142 100
141 88.6 74.0 111.0

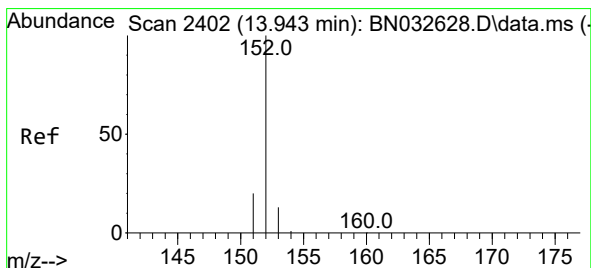
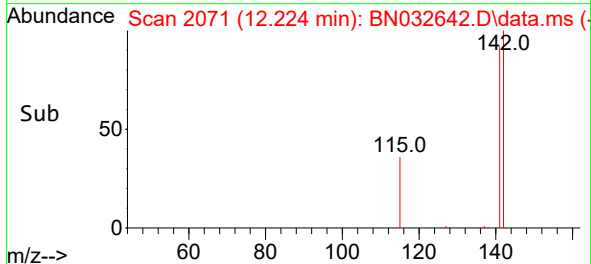
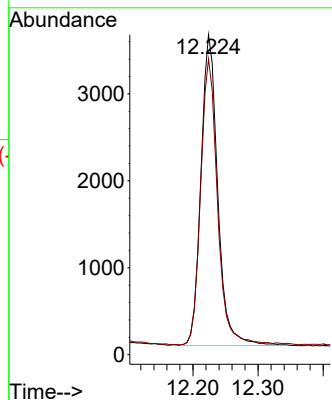
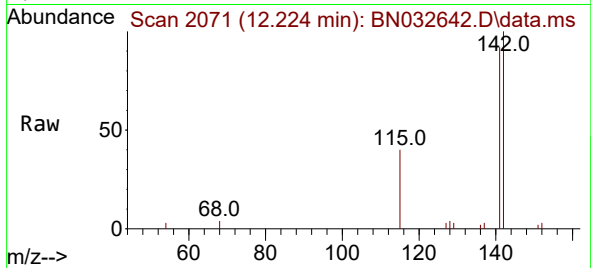




#8
1-Methylnaphthalene
Concen: 0.154 ng/ul
RT: 12.224 min Scan# 2071
Delta R.T. -0.022 min
Lab File: BN032642.D
Acq: 11 Jul 2024 18:57

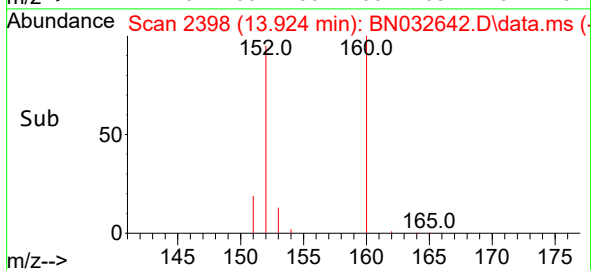
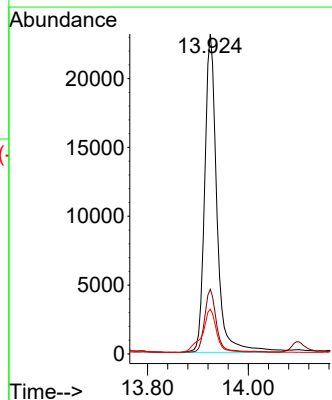
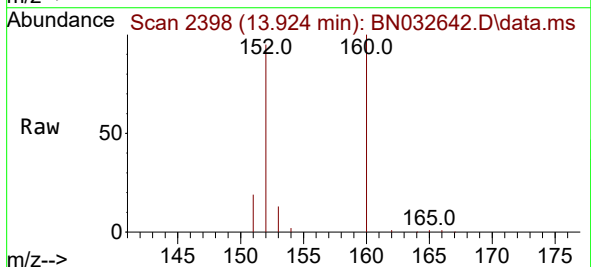
Instrument :
BNA_N
ClientSampleId :
A4CW2

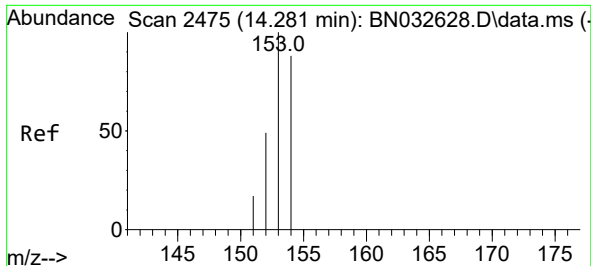
Tgt Ion:142 Resp: 6377
Ion Ratio Lower Upper
142 100
141 92.5 75.0 112.4



#10
Acenaphthylene
Concen: 0.708 ng/ul
RT: 13.924 min Scan# 2398
Delta R.T. -0.019 min
Lab File: BN032642.D
Acq: 11 Jul 2024 18:57

Tgt Ion:152 Resp: 38766
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 14.0 11.3 16.9

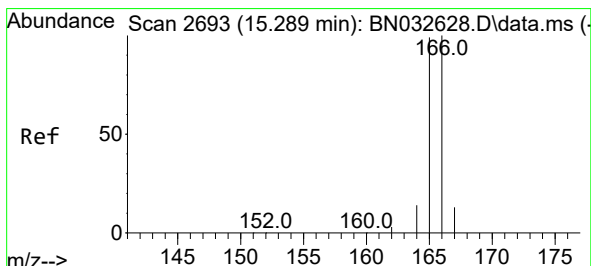
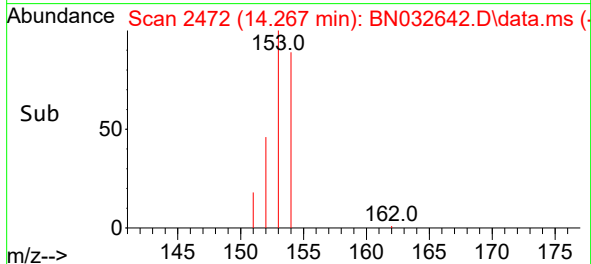
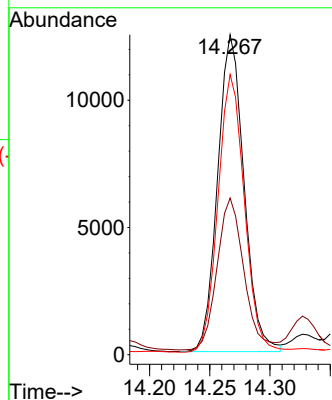
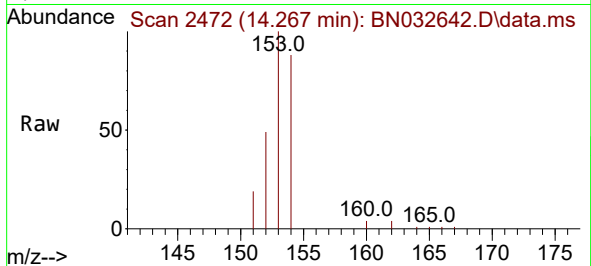




#11
Acenaphthene
Concen: 0.419 ng/ul
RT: 14.267 min Scan# 2472
Delta R.T. -0.014 min
Lab File: BN032642.D
Acq: 11 Jul 2024 18:57

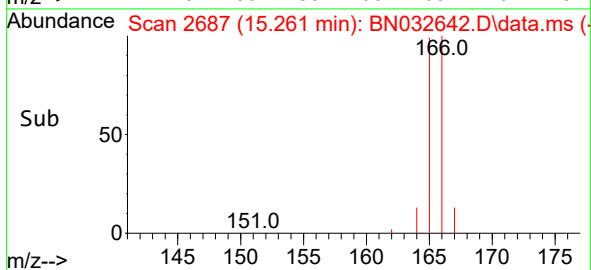
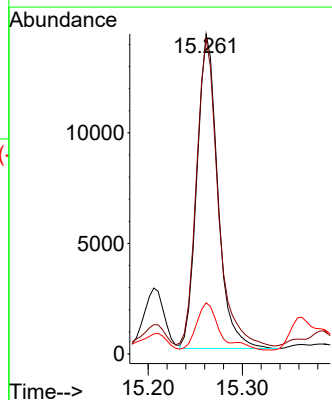
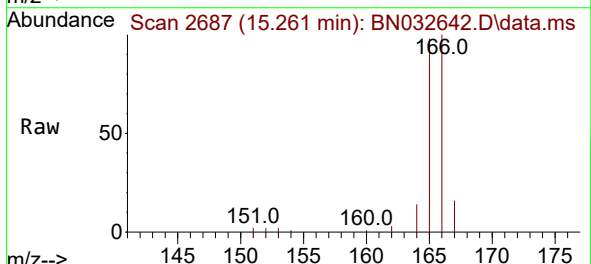
Instrument :
BNA_N
ClientSampleId :
A4CW2

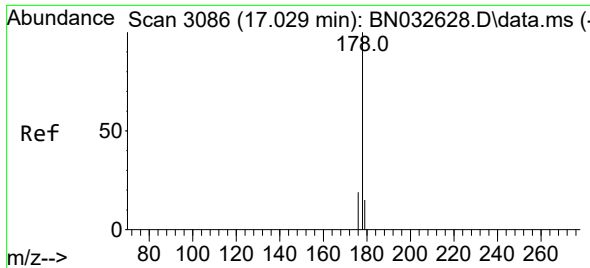
Tgt Ion:153 Resp: 19000
Ion Ratio Lower Upper
153 100
152 49.0 40.0 60.0
154 87.6 70.2 105.4



#12
Fluorene
Concen: 0.423 ng/ul
RT: 15.261 min Scan# 2687
Delta R.T. -0.028 min
Lab File: BN032642.D
Acq: 11 Jul 2024 18:57

Tgt Ion:166 Resp: 21891
Ion Ratio Lower Upper
166 100
165 98.4 79.7 119.5
167 16.0 11.4 17.2

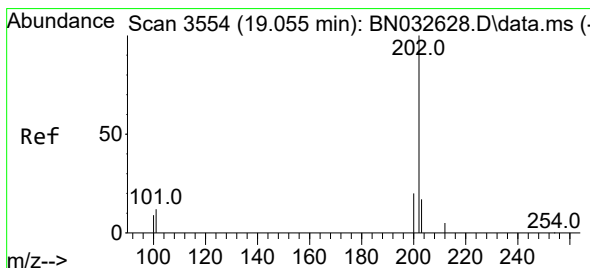
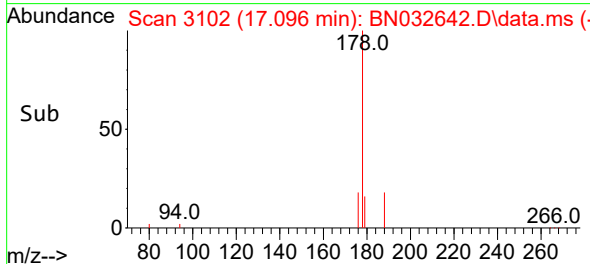
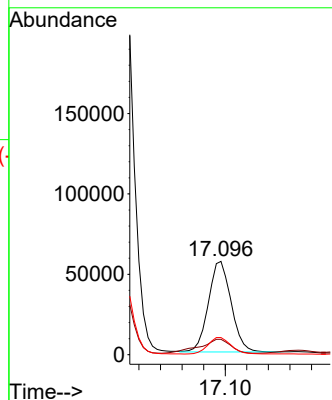
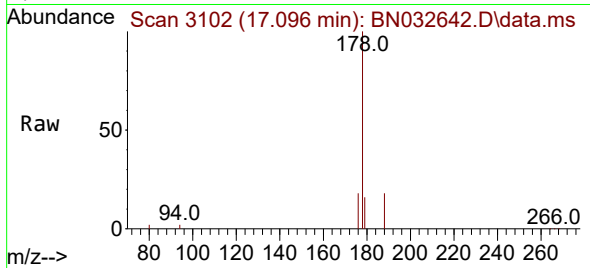




#15
Phenanthrene
Concen: 0.021 ng/ul
RT: 17.096 min Scan# 3102
Delta R.T. 0.067 min
Lab File: BN032642.D
Acq: 11 Jul 2024 18:57

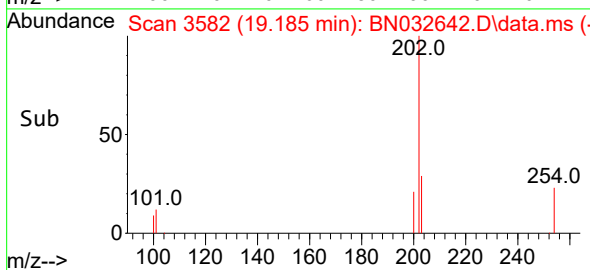
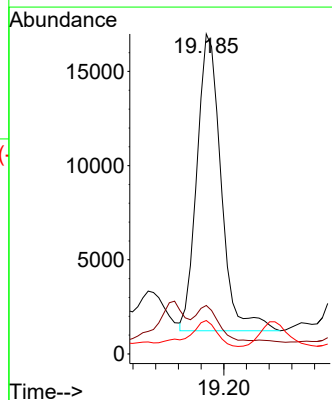
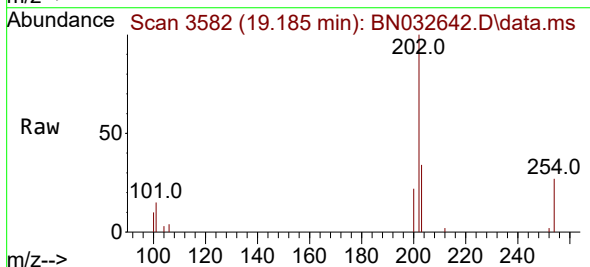
Instrument :
BNA_N
ClientSampleId :
A4CW2

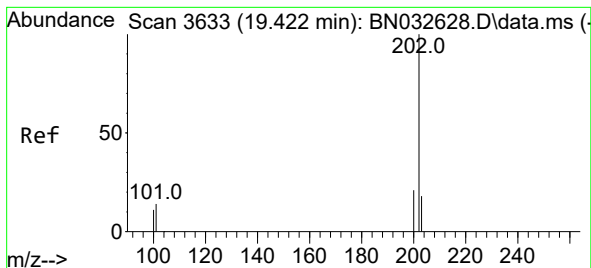
Tgt Ion:178 Resp: 82434
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.4
176 18.4 15.6 23.4



#19
Fluoranthene
Concen: 16.916 ng/ul
RT: 19.185 min Scan# 3582
Delta R.T. 0.130 min
Lab File: BN032642.D
Acq: 11 Jul 2024 18:57

Tgt Ion:202 Resp: 23246
Ion Ratio Lower Upper
202 100
101 15.1 9.8 14.8#
100 10.5 7.9 11.9





#20

Pyrene

Concen: 0.384 ng/ul

RT: 19.529 min Scan# 3

Delta R.T. 0.107 min

Lab File: BN032642.D

Acq: 11 Jul 2024 18:57

Instrument :

BNA_N

ClientSampleId :

A4CW2

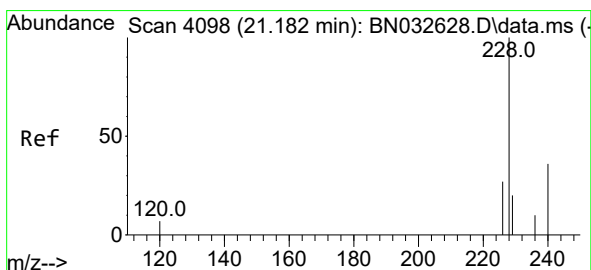
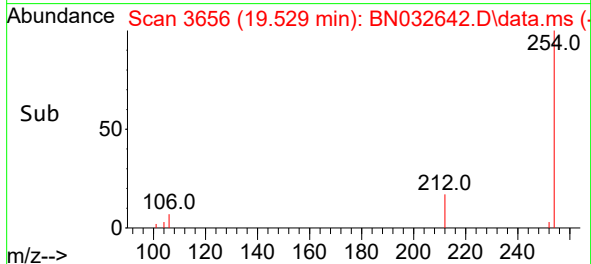
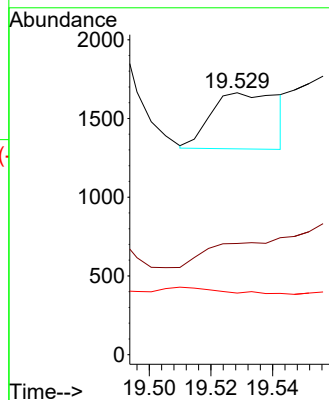
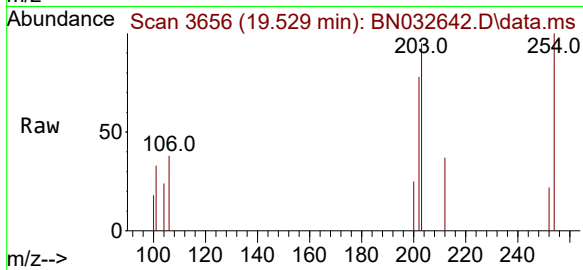
Tgt Ion:202 Resp: 546

Ion Ratio Lower Upper

202 100

101 42.5 11.8 17.6#

100 23.5 9.6 14.4#



#21

Benzo(a)anthracene

Concen: 38.410 ng/ul

RT: 21.325 min Scan# 4147

Delta R.T. 0.143 min

Lab File: BN032642.D

Acq: 11 Jul 2024 18:57

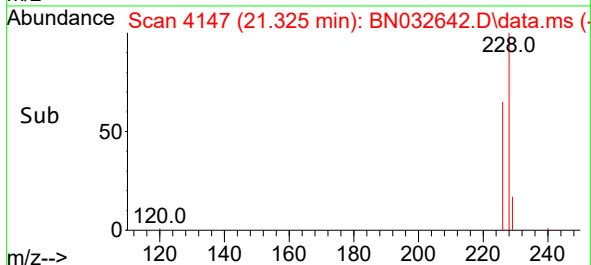
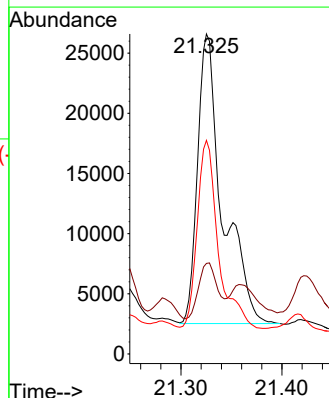
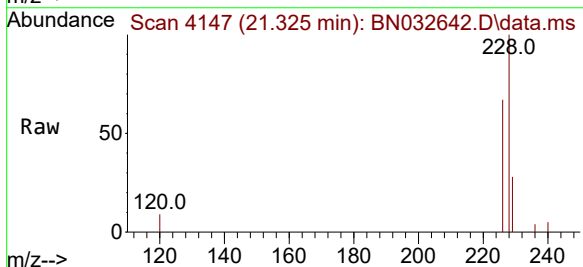
Tgt Ion:228 Resp: 41325

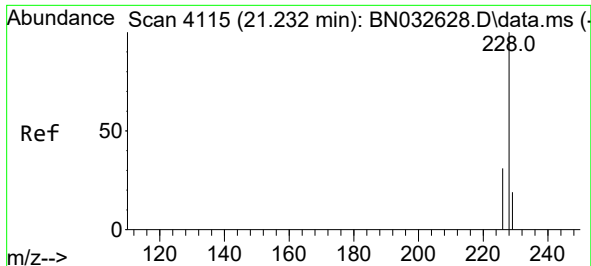
Ion Ratio Lower Upper

228 100

229 28.3 16.1 24.1#

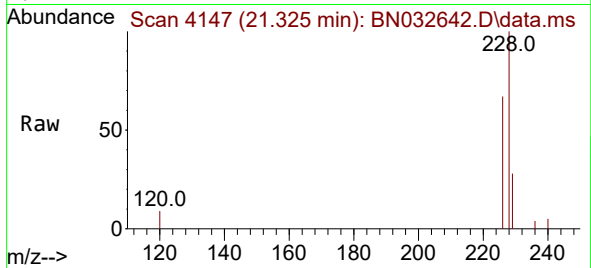
226 66.7 21.9 32.9#



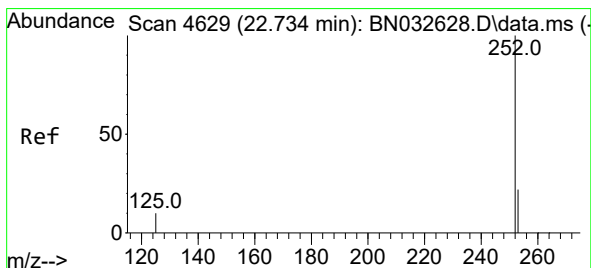
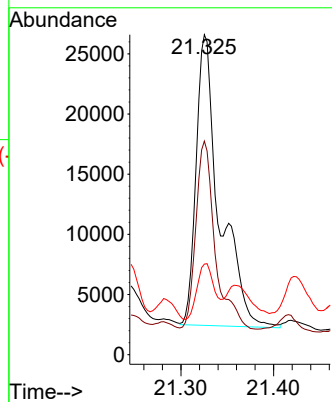
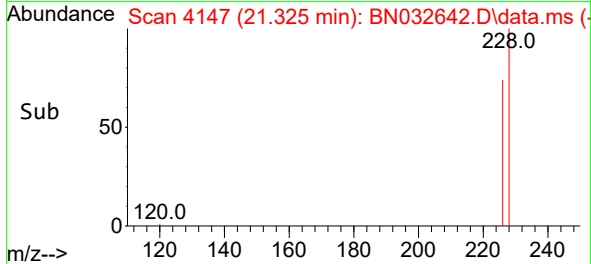


#22
Chrysene
Concen: 27.206 ng/ul
RT: 21.325 min Scan# 4115
Delta R.T. 0.093 min
Lab File: BN032642.D
Acq: 11 Jul 2024 18:57

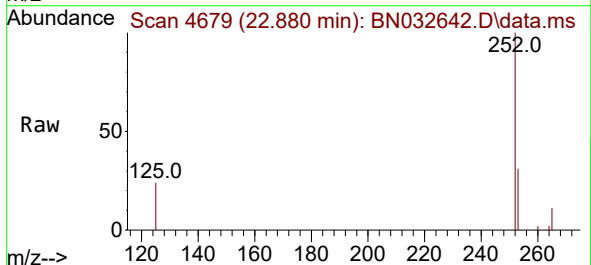
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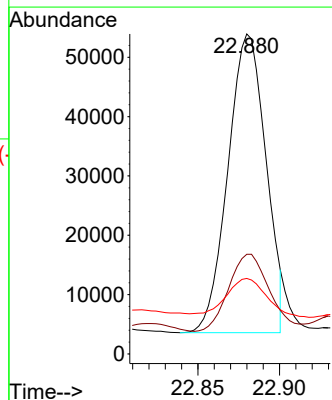
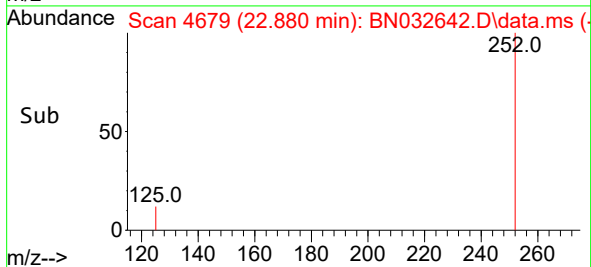
Tgt Ion:228 Resp: 42344
Ion Ratio Lower Upper
228 100
226 66.7 24.0 36.0#
229 28.3 15.8 23.6#

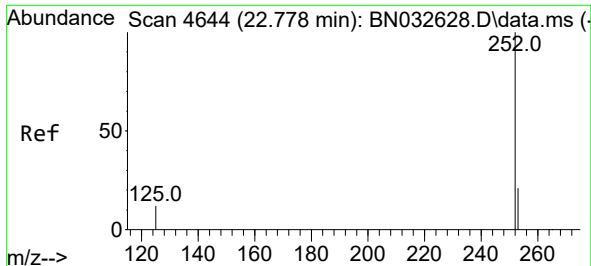


#24
Benzo(b)fluoranthene
Concen: 6.857 ng/ul
RT: 22.880 min Scan# 4679
Delta R.T. 0.146 min
Lab File: BN032642.D
Acq: 11 Jul 2024 18:57



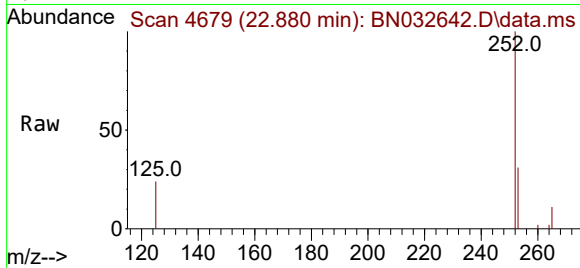
Tgt Ion:252 Resp: 81249
Ion Ratio Lower Upper
252 100
253 31.2 0.0 54.0
125 23.6 0.0 36.0



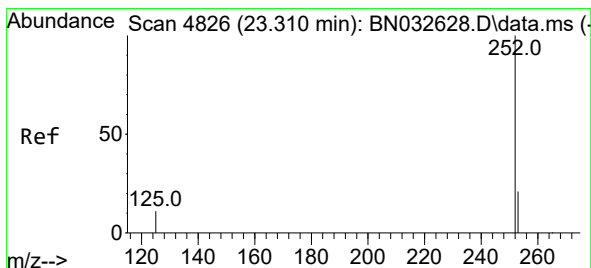
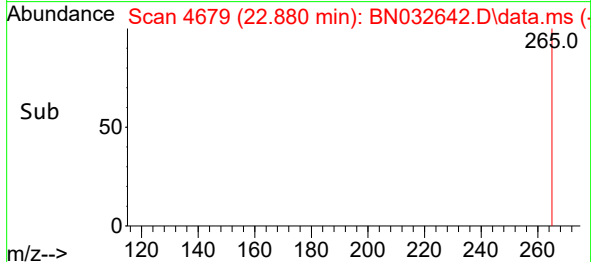
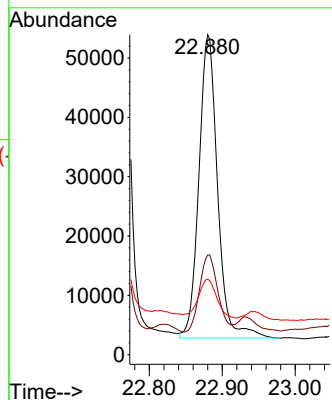


#25
Benzo(k)fluoranthene
Concen: 6.294 ng/ul
RT: 22.880 min Scan# 4679
Delta R.T. 0.102 min
Lab File: BN032642.D
Acq: 11 Jul 2024 18:57

Instrument :
BNA_N
ClientSampleId :
A4CW2

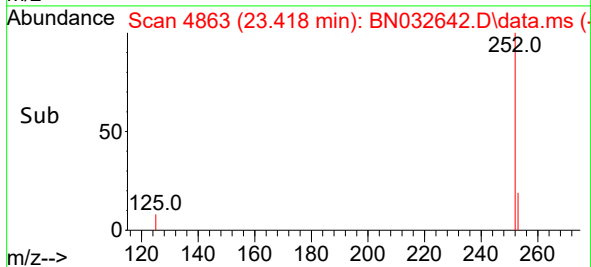
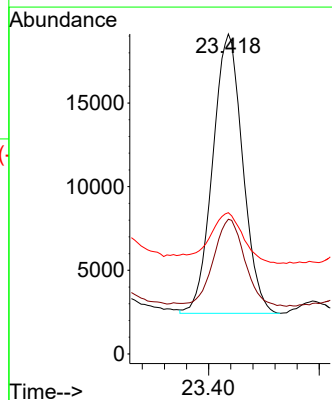
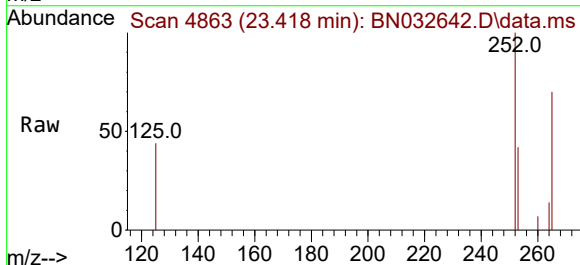


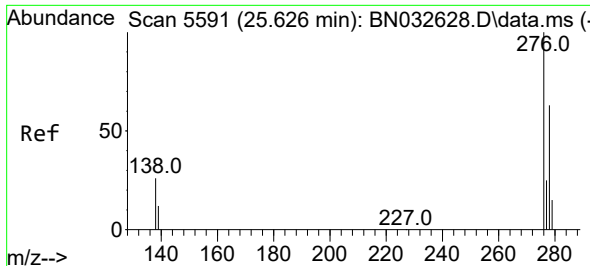
Tgt Ion:252 Resp: 90879
Ion Ratio Lower Upper
252 100
253 31.2 21.2 31.8
125 23.6 14.8 22.2#



#26
Benzo(a)pyrene
Concen: 3.064 ng/ul
RT: 23.418 min Scan# 4863
Delta R.T. 0.108 min
Lab File: BN032642.D
Acq: 11 Jul 2024 18:57

Tgt Ion:252 Resp: 31416
Ion Ratio Lower Upper
252 100
253 42.1 25.4 38.0#
125 44.2 20.6 30.8#

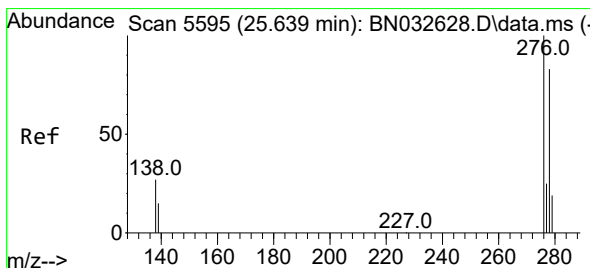
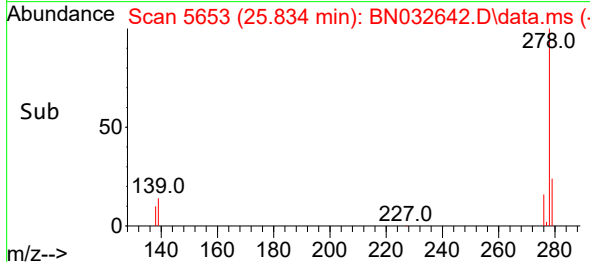
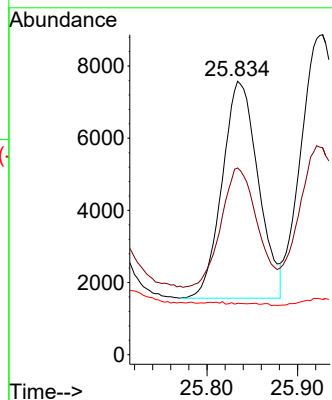
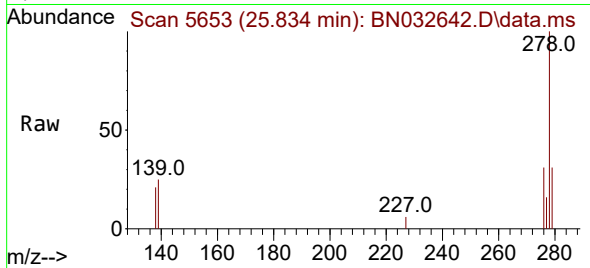




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.197 ng/ul
 RT: 25.834 min Scan# 5608
 Delta R.T. 0.208 min
 Lab File: BN032642.D
 Acq: 11 Jul 2024 18:57

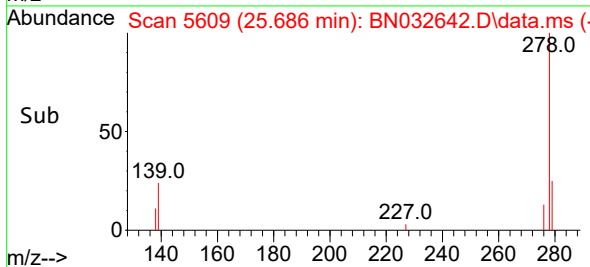
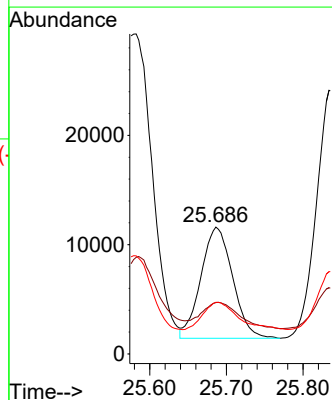
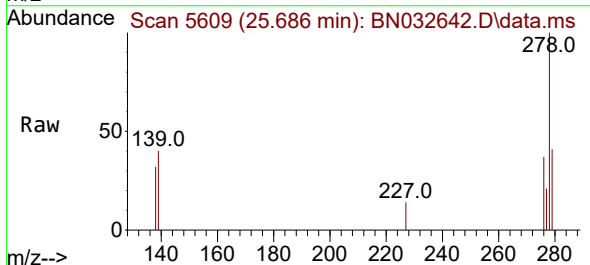
Instrument :
 BNA_N
 ClientSampleId :
 A4CW2

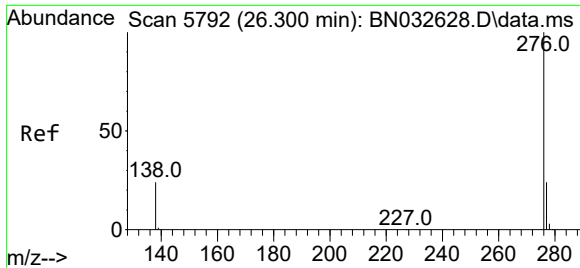
Tgt Ion:276 Resp: 16624
 Ion Ratio Lower Upper
 276 100
 138 54.4 21.6 32.4#
 227 0.8 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 2.713 ng/ul
 RT: 25.686 min Scan# 5609
 Delta R.T. 0.047 min
 Lab File: BN032642.D
 Acq: 11 Jul 2024 18:57

Tgt Ion:278 Resp: 29198
 Ion Ratio Lower Upper
 278 100
 139 40.4 16.6 24.8#
 279 40.7 23.7 35.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.261 ng/ul
 RT: 26.431 min Scan# 51
 Delta R.T. 0.131 min
 Lab File: BN032642.D
 Acq: 11 Jul 2024 18:57

Instrument :
 BNA_N
 ClientSampleId :
 A4CW2

Tgt Ion:	276	Resp:	3025
Ion Ratio	Lower	Upper	
276	100		
138	108.8	21.0	31.4#
277	101.2	20.6	31.0#

