

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032638.D
 Acq On : 11 Jul 2024 16:31
 Operator : MA/JU
 Sample : P3102-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CE1

Quant Time: Jul 12 01:55:08 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)

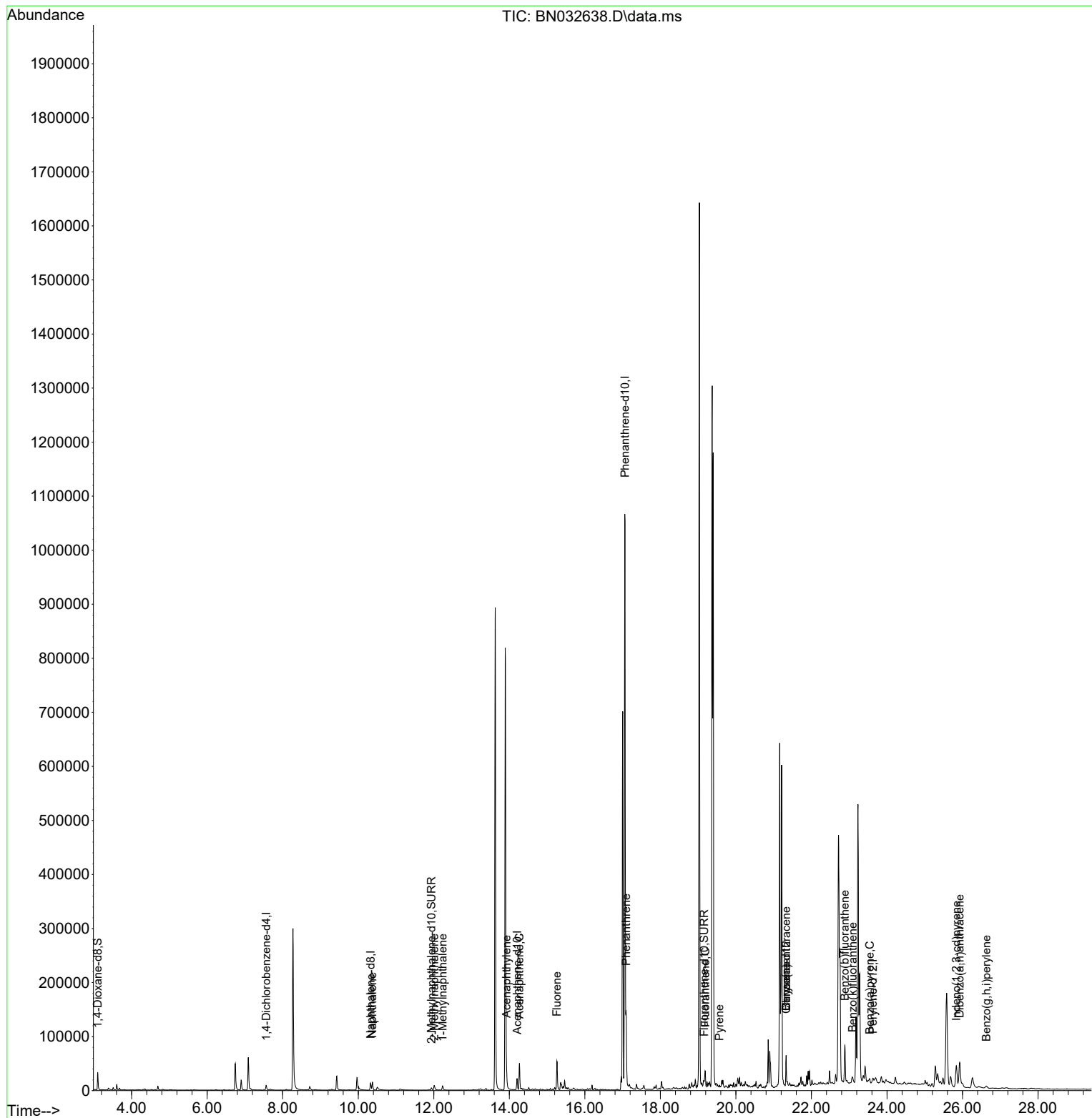
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.561	152	5586	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	18992	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.207	164	11795	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.062	188	1280023	0.400	ng/ul	0.07
17) Chrysene-d12	21.331	240	360	0.400	ng/ul	# 0.14
23) Perylene-d12	23.628	264	4537	0.400	ng/ul	# 0.23
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	21967	3.275	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.938	152	7045	0.245	ng/ul	-0.03
18) Fluoranthene-d10	19.162	212	179	0.153	ng/ul	0.13
Target Compounds						Qvalue
5) Naphthalene	10.376	128	21306	0.418	ng/ul	98
7) 2-Methylnaphthalene	12.015	142	8917	0.280	ng/ul	97
8) 1-Methylnaphthalene	12.235	142	7227	0.220	ng/ul	98
10) Acenaphthylene	13.925	152	35519	0.745	ng/ul	100
11) Acenaphthene	14.267	153	30010	0.762	ng/ul	99
12) Fluorene	15.262	166	35855	0.796	ng/ul	98
15) Phenanthrene	17.092	178	136462	0.039	ng/ul	97
19) Fluoranthene	19.189	202	25030	17.101	ng/ul	97
20) Pyrene	19.561	202	1714	1.131	ng/ul#	59
21) Benzo(a)anthracene	21.328	228	44601	38.921	ng/ul#	55
22) Chrysene	21.328	228	45714	27.576	ng/ul#	57
24) Benzo(b)fluoranthene	22.883	252	90014	5.623	ng/ul	98
25) Benzo(k)fluoranthene	23.088	252	10697	0.548	ng/ul#	1
26) Benzo(a)pyrene	23.544	252	1872	0.135	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.837	276	15886	0.847	ng/ul#	43
28) Dibenzo(a,h)anthracene	25.924	278	77663	5.341	ng/ul	98
29) Benzo(g,h,i)perylene	26.629	276	6896	0.440	ng/ul#	34

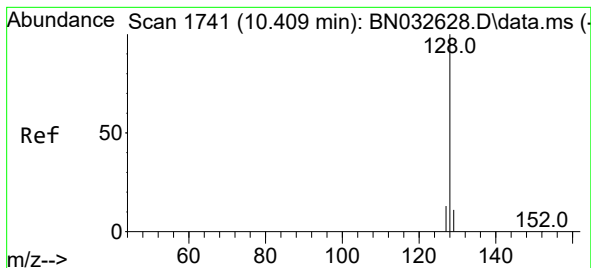
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
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#5

Naphthalene

Concen: 0.418 ng/ul

RT: 10.376 min Scan# 1735

Delta R.T. -0.033 min

Lab File: BN032638.D

Acq: 11 Jul 2024 16:31

Instrument :

BNA_N

ClientSampleId :

A4CE1

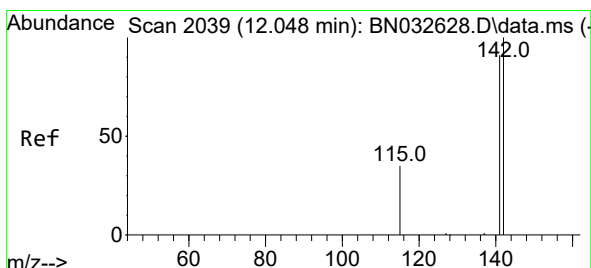
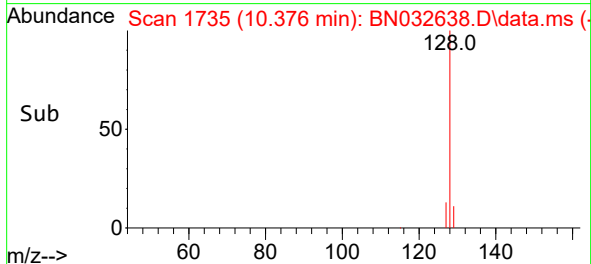
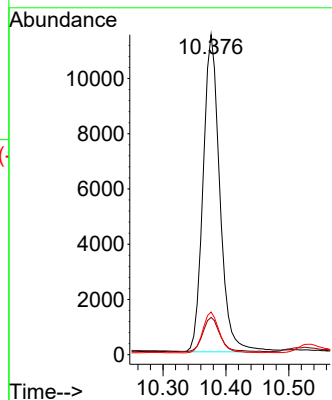
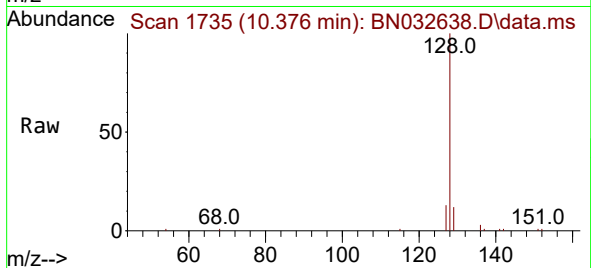
Tgt Ion:128 Resp: 21306

Ion Ratio Lower Upper

128 100

129 11.7 10.0 15.0

127 13.4 11.6 17.4



#7

2-Methylnaphthalene

Concen: 0.280 ng/ul

RT: 12.015 min Scan# 2033

Delta R.T. -0.033 min

Lab File: BN032638.D

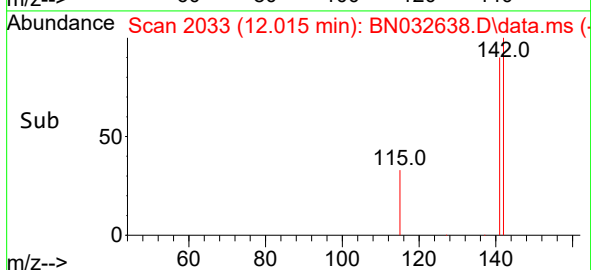
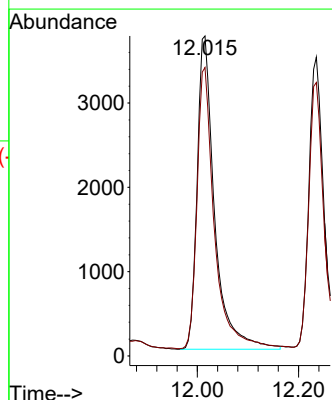
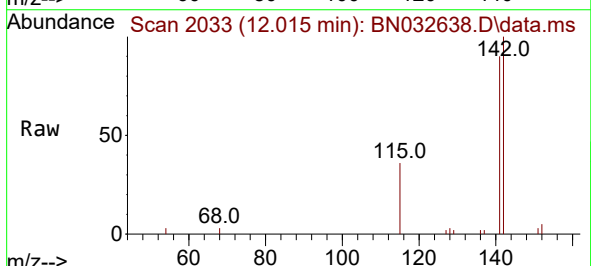
Acq: 11 Jul 2024 16:31

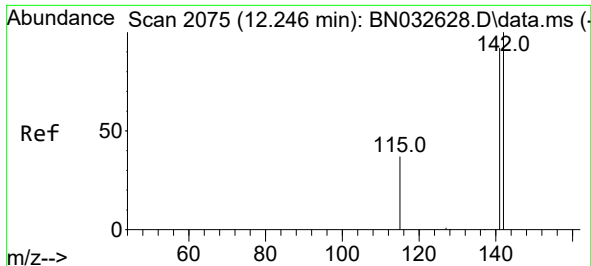
Tgt Ion:142 Resp: 8917

Ion Ratio Lower Upper

142 100

141 89.3 74.0 111.0

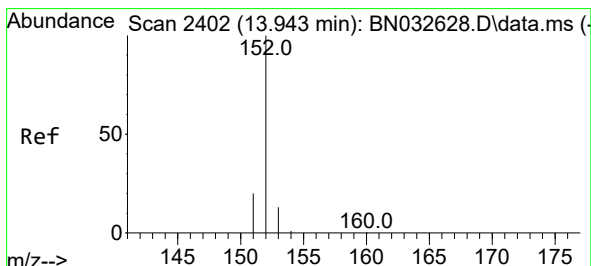
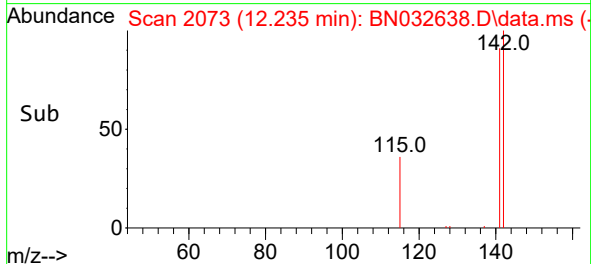
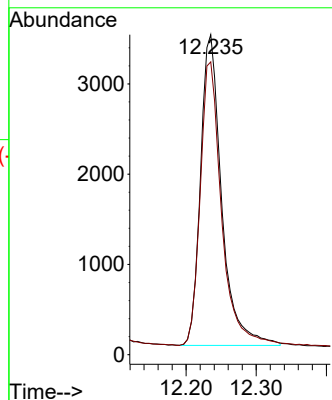
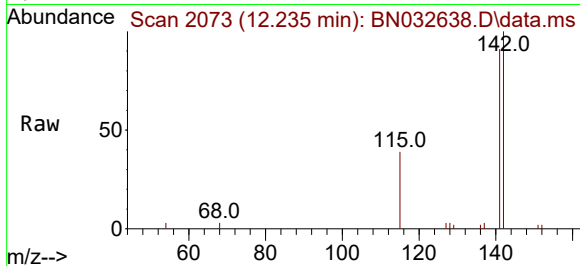




#8
1-Methylnaphthalene
Concen: 0.220 ng/ul
RT: 12.235 min Scan# 2075
Delta R.T. -0.011 min
Lab File: BN032638.D
Acq: 11 Jul 2024 16:31

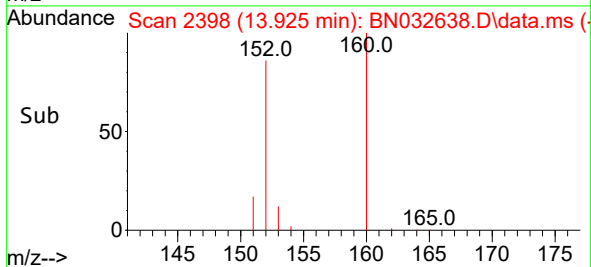
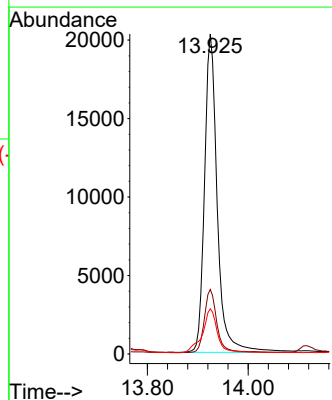
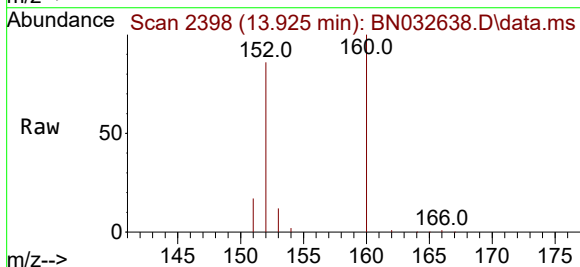
Instrument :
BNA_N
ClientSampleId :
A4CE1

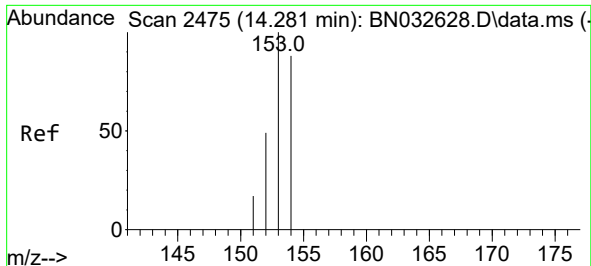
Tgt Ion:142 Resp: 7227
Ion Ratio Lower Upper
142 100
141 92.1 75.0 112.4



#10
Acenaphthylene
Concen: 0.745 ng/ul
RT: 13.925 min Scan# 2398
Delta R.T. -0.019 min
Lab File: BN032638.D
Acq: 11 Jul 2024 16:31

Tgt Ion:152 Resp: 35519
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 14.1 11.3 16.9

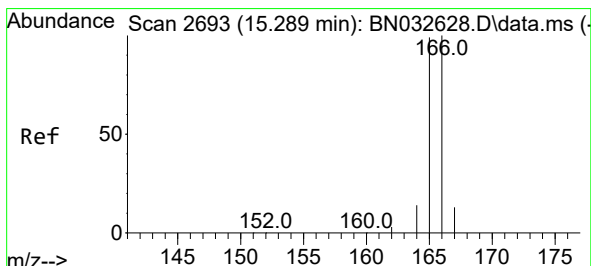
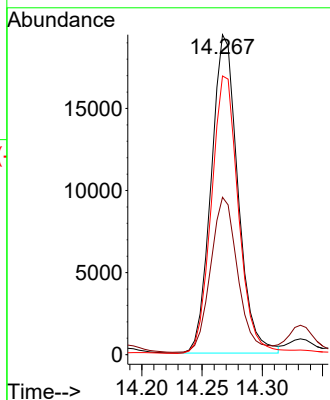
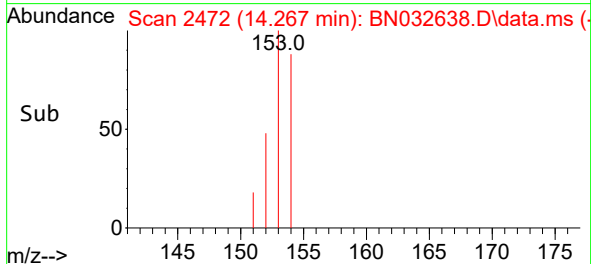
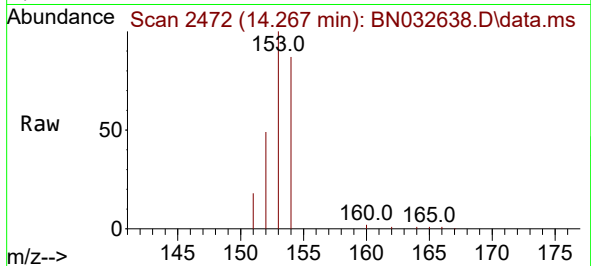




#11
Acenaphthene
Concen: 0.762 ng/ul
RT: 14.267 min Scan# 2472
Delta R.T. -0.014 min
Lab File: BN032638.D
Acq: 11 Jul 2024 16:31

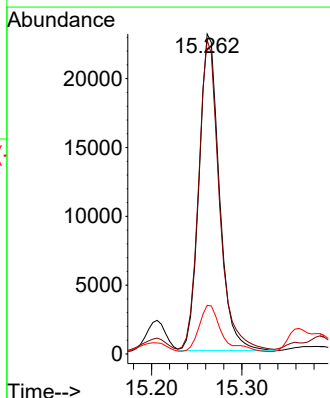
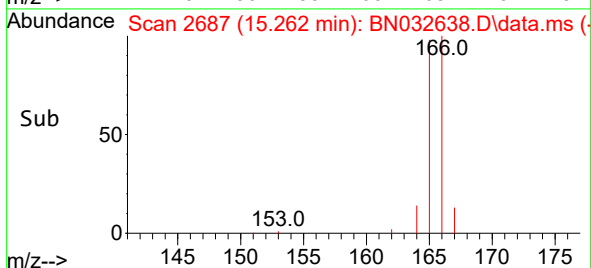
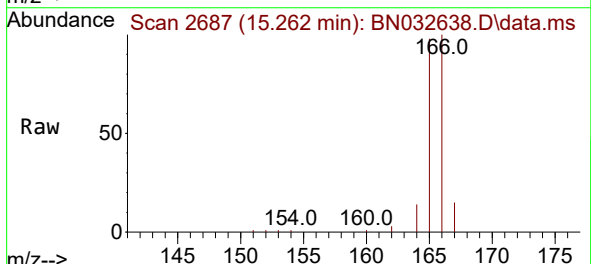
Instrument :
BNA_N
ClientSampleId :
A4CE1

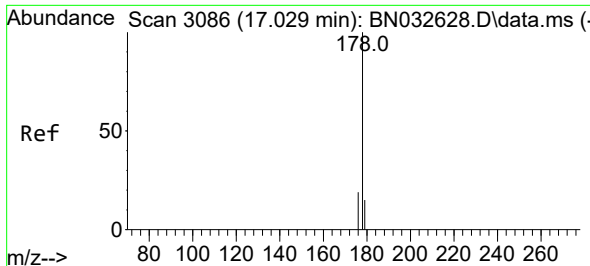
Tgt Ion:153 Resp: 30010
Ion Ratio Lower Upper
153 100
152 49.2 40.0 60.0
154 87.1 70.2 105.4



#12
Fluorene
Concen: 0.796 ng/ul
RT: 15.262 min Scan# 2687
Delta R.T. -0.028 min
Lab File: BN032638.D
Acq: 11 Jul 2024 16:31

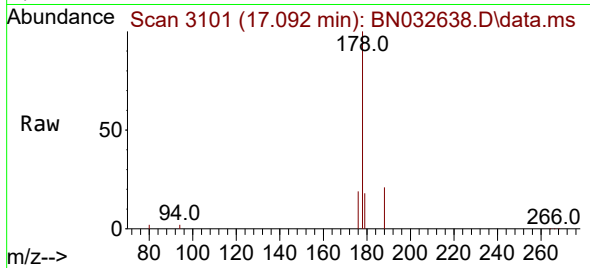
Tgt Ion:166 Resp: 35855
Ion Ratio Lower Upper
166 100
165 98.1 79.7 119.5
167 15.2 11.4 17.2



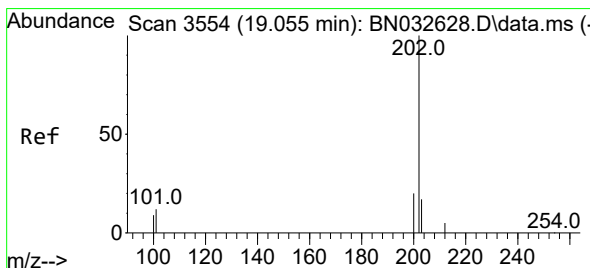
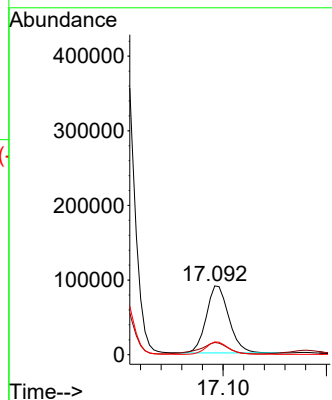
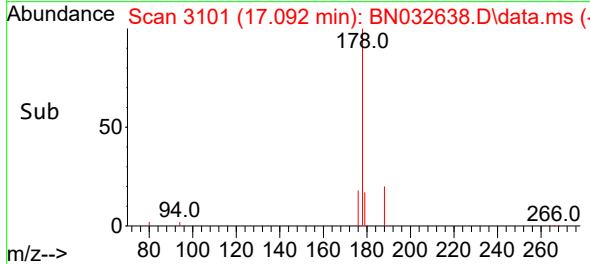


#15
Phenanthrene
Concen: 0.039 ng/ul
RT: 17.092 min Scan# 3101
Delta R.T. 0.063 min
Lab File: BN032638.D
Acq: 11 Jul 2024 16:31

Instrument :
BNA_N
ClientSampleId :
A4CE1

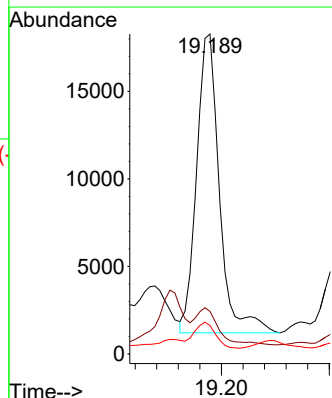
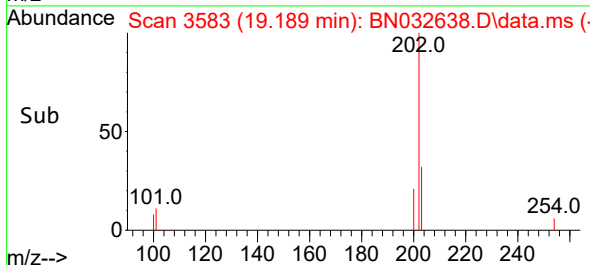
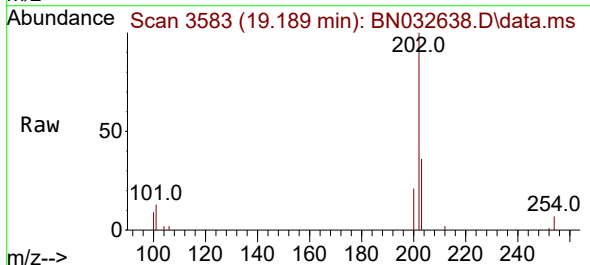


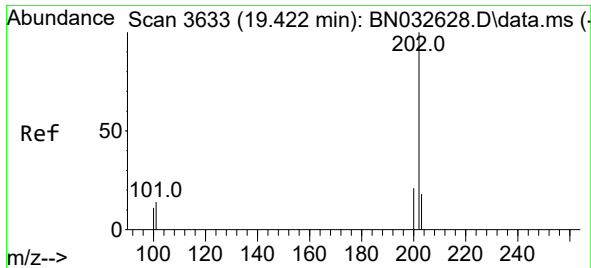
Tgt Ion:178 Resp: 136462
Ion Ratio Lower Upper
178 100
179 17.7 13.0 19.4
176 18.6 15.6 23.4



#19
Fluoranthene
Concen: 17.101 ng/ul
RT: 19.189 min Scan# 3583
Delta R.T. 0.135 min
Lab File: BN032638.D
Acq: 11 Jul 2024 16:31

Tgt Ion:202 Resp: 25030
Ion Ratio Lower Upper
202 100
101 13.3 9.8 14.8
100 8.9 7.9 11.9





#20

Pyrene

Concen: 1.131 ng/ul

RT: 19.561 min Scan# 3

Delta R.T. 0.139 min

Lab File: BN032638.D

Acq: 11 Jul 2024 16:31

Instrument :

BNA_N

ClientSampleId :

A4CE1

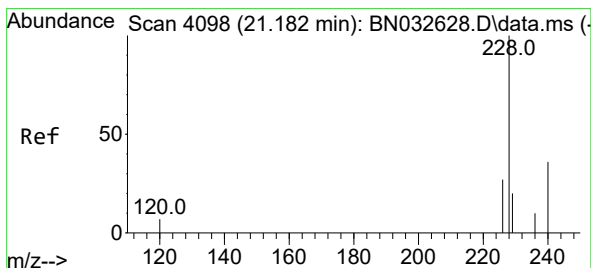
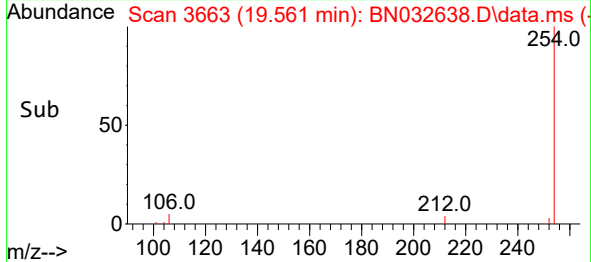
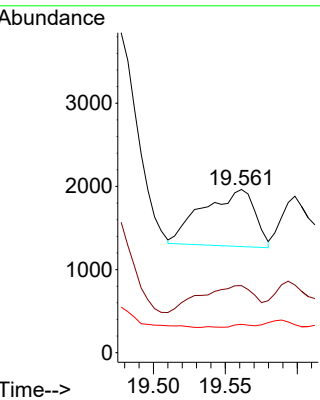
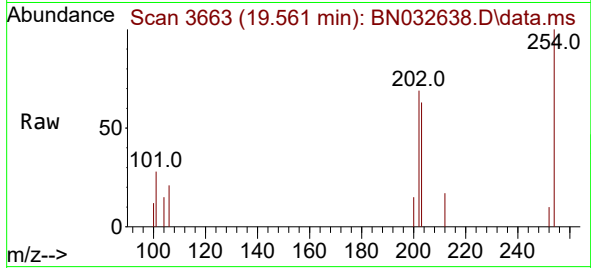
Tgt Ion:202 Resp: 1714

Ion Ratio Lower Upper

202 100

101 41.1 11.8 17.6#

100 17.4 9.6 14.4#



#21

Benzo(a)anthracene

Concen: 38.921 ng/ul

RT: 21.328 min Scan# 4148

Delta R.T. 0.146 min

Lab File: BN032638.D

Acq: 11 Jul 2024 16:31

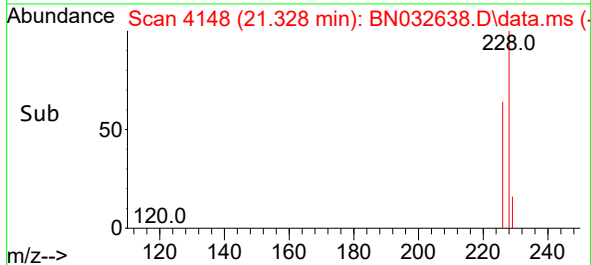
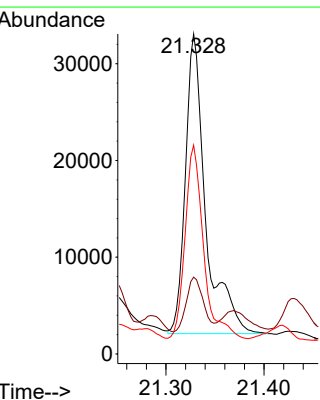
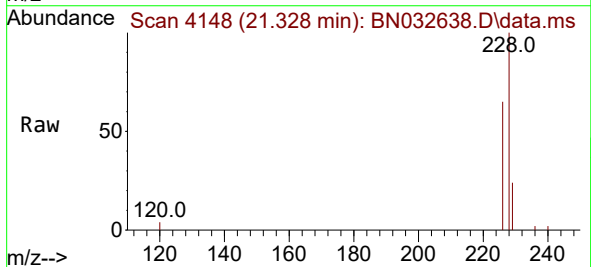
Tgt Ion:228 Resp: 44601

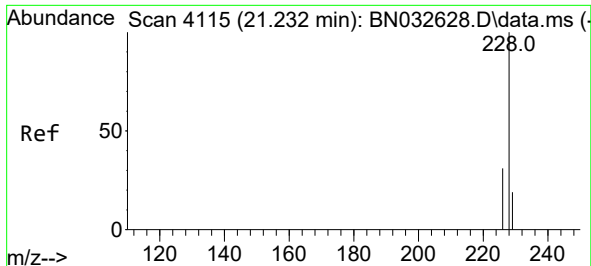
Ion Ratio Lower Upper

228 100

229 24.0 16.1 24.1

226 65.2 21.9 32.9#





#22

Chrysene

Concen: 27.576 ng/ul

RT: 21.328 min Scan# 4115

Delta R.T. 0.096 min

Lab File: BN032638.D

Acq: 11 Jul 2024 16:31

Instrument :

BNA_N

ClientSampleId :

A4CE1

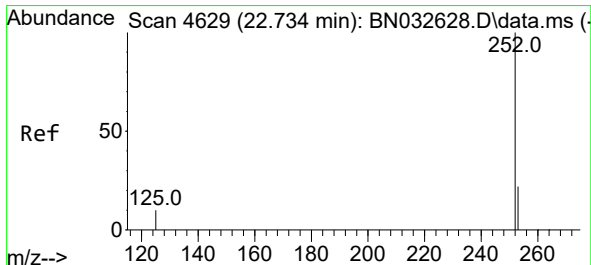
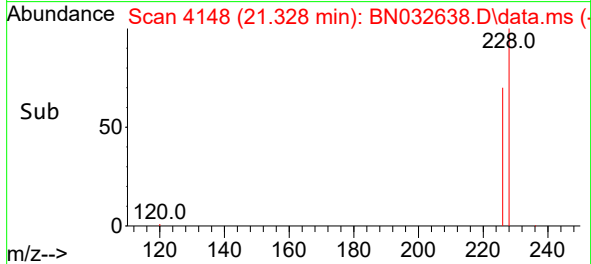
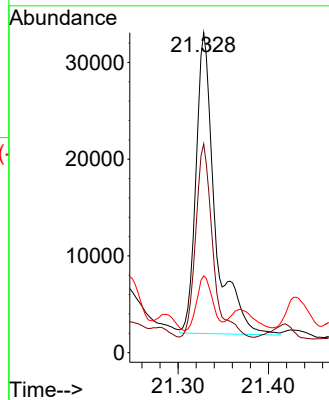
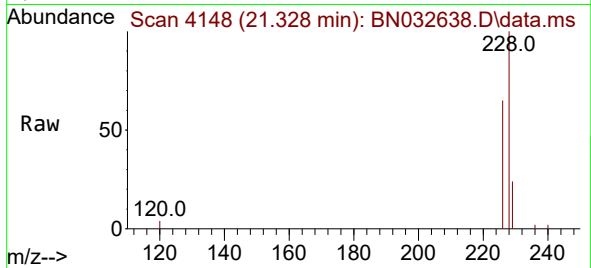
Tgt Ion:228 Resp: 45714

Ion Ratio Lower Upper

228 100

226 65.2 24.0 36.0#

229 24.0 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 5.623 ng/ul

RT: 22.883 min Scan# 4680

Delta R.T. 0.149 min

Lab File: BN032638.D

Acq: 11 Jul 2024 16:31

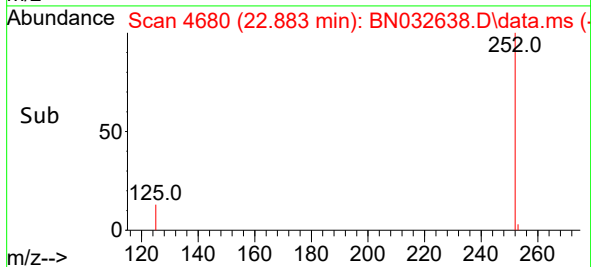
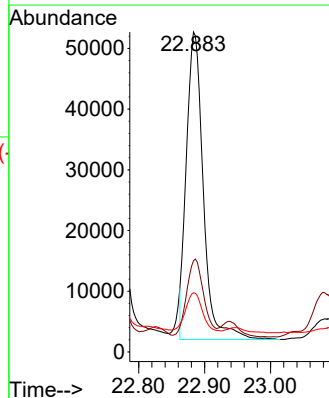
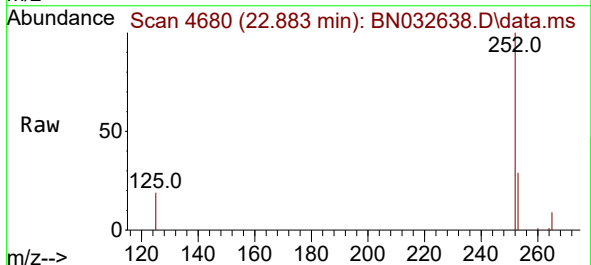
Tgt Ion:252 Resp: 90014

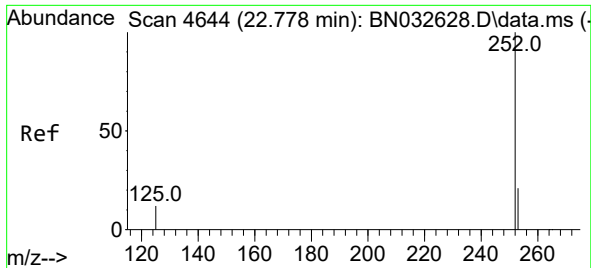
Ion Ratio Lower Upper

252 100

253 28.5 0.0 54.0

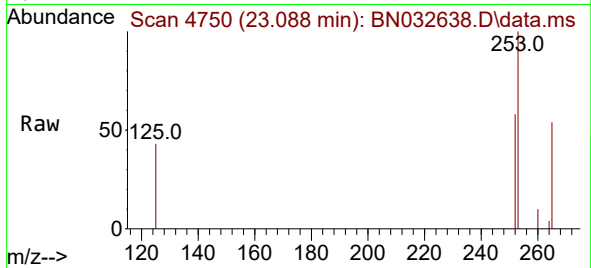
125 18.5 0.0 36.0



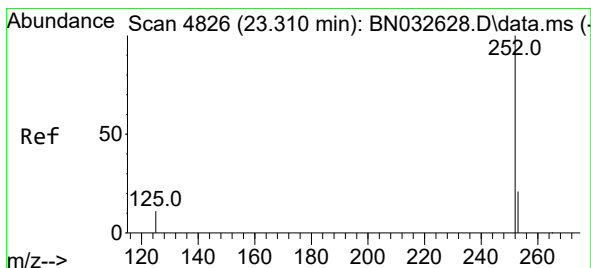
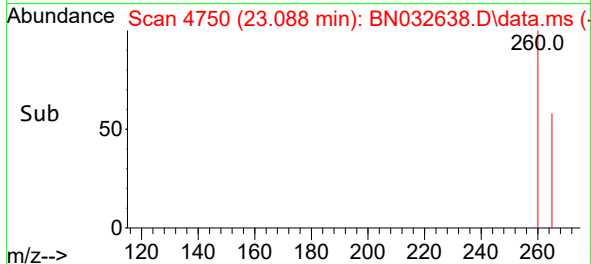
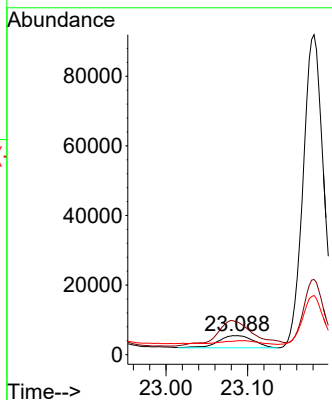


#25
Benzo(k)fluoranthene
Concen: 0.548 ng/ul
RT: 23.088 min Scan# 41
Delta R.T. 0.310 min
Lab File: BN032638.D
Acq: 11 Jul 2024 16:31

Instrument :
BNA_N
ClientSampleId :
A4CE1

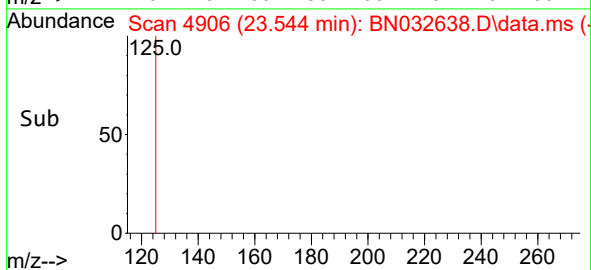
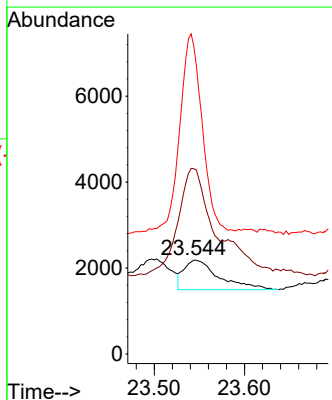
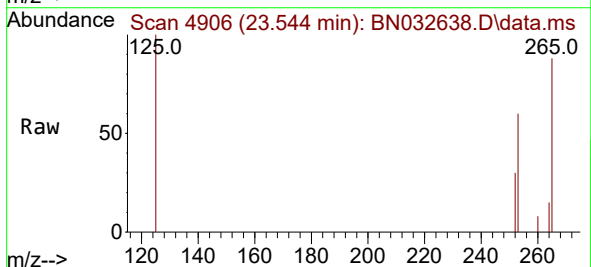


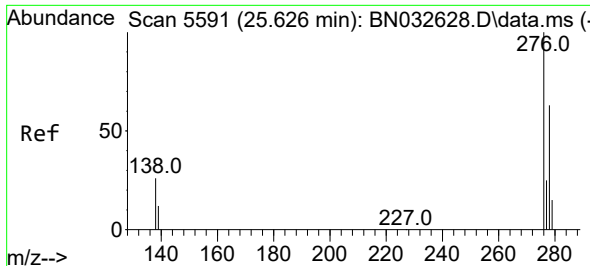
Tgt Ion:252 Resp: 10697
Ion Ratio Lower Upper
252 100
253 171.5 21.2 31.8#
125 73.1 14.8 22.2#



#26
Benzo(a)pyrene
Concen: 0.135 ng/ul
RT: 23.544 min Scan# 4906
Delta R.T. 0.234 min
Lab File: BN032638.D
Acq: 11 Jul 2024 16:31

Tgt Ion:252 Resp: 1872
Ion Ratio Lower Upper
252 100
253 197.5 25.4 38.0#
125 328.4 20.6 30.8#

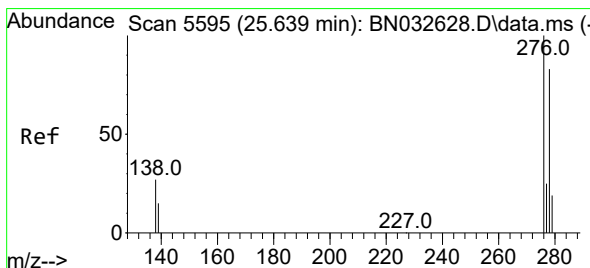
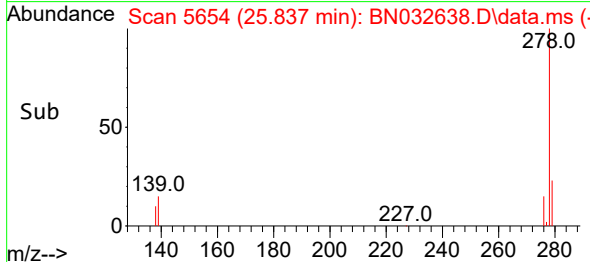
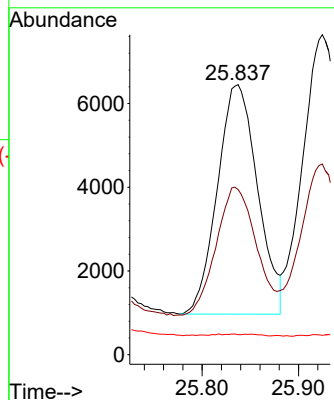
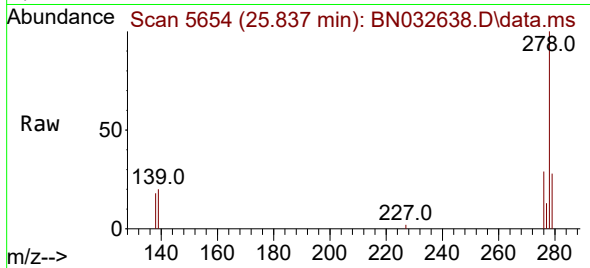




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.847 ng/ul
 RT: 25.837 min Scan# 5654
 Delta R.T. 0.211 min
 Lab File: BN032638.D
 Acq: 11 Jul 2024 16:31

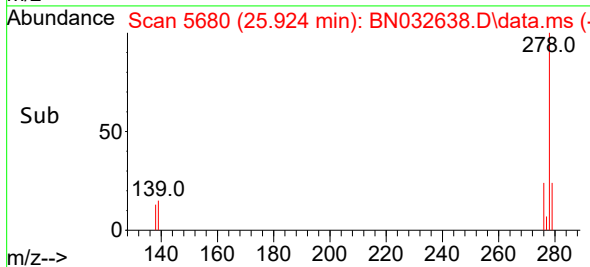
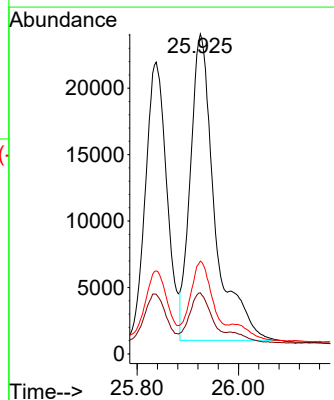
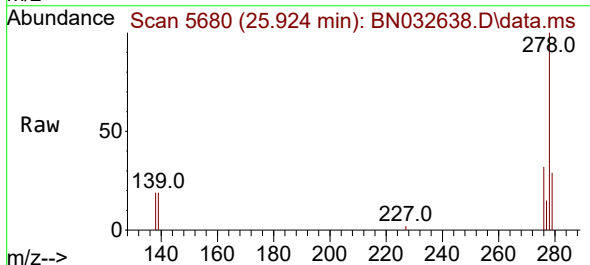
Instrument :
 BNA_N
 ClientSampleId :
 A4CE1

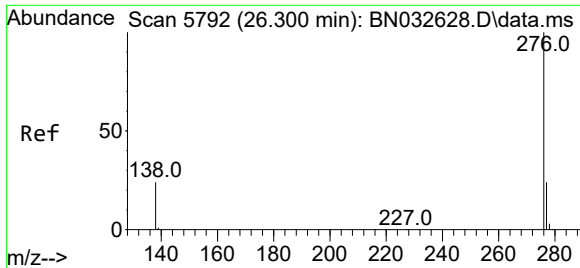
Tgt Ion:276 Resp: 15886
 Ion Ratio Lower Upper
 276 100
 138 56.6 21.6 32.4#
 227 0.3 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 5.341 ng/ul
 RT: 25.924 min Scan# 5680
 Delta R.T. 0.285 min
 Lab File: BN032638.D
 Acq: 11 Jul 2024 16:31

Tgt Ion:278 Resp: 77663
 Ion Ratio Lower Upper
 278 100
 139 19.1 16.6 24.8
 279 29.0 23.7 35.5





#29
 Benzo(g,h,i)perylene
 Concen: 0.440 ng/ul
 RT: 26.629 min Scan# 51
 Delta R.T. 0.329 min
 Lab File: BN032638.D
 Acq: 11 Jul 2024 16:31

Instrument :
 BNA_N
 ClientSampleId :
 A4CE1

Tgt Ion:	276	Resp:	6896
Ion Ratio	Lower	Upper	
276	100		
138	51.4	21.0	31.4#
277	68.2	20.6	31.0#

