

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032962.D
 Acq On : 24 Jul 2024 23:49
 Operator : MA/JU
 Sample : P3215-15DL 5X
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D43DL

Quant Time: Jul 25 00:50:10 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 : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

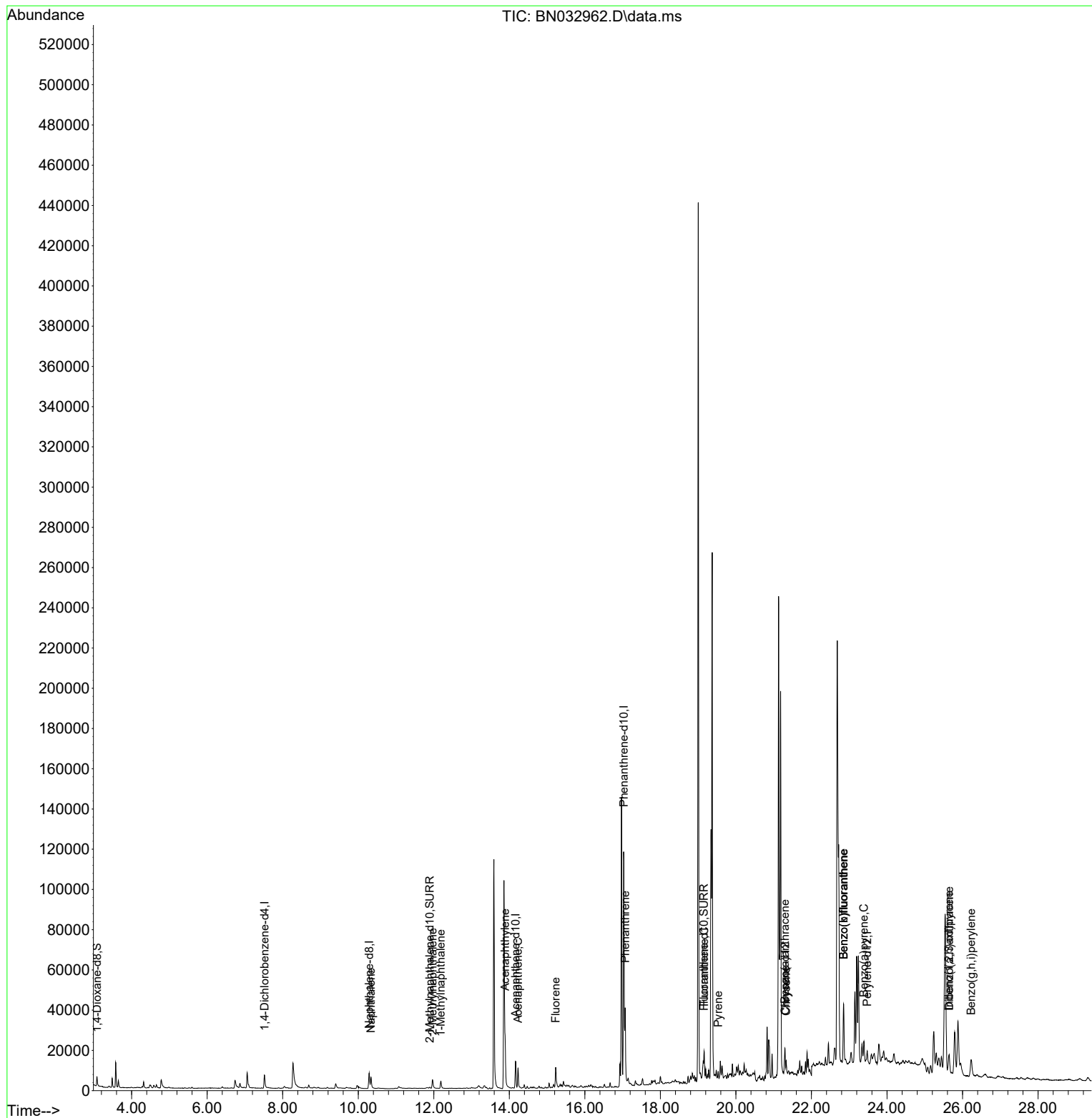
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.519	152	4492	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.288	136	13277	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.170	164	8043	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.029	188	141509	0.400	ng/ul	0.07
17) Chrysene-d12	21.308	240	266	0.400	ng/ul	# 0.14
23) Perylene-d12	23.476	264	1233	0.400	ng/ul	# 0.12
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	3474	0.644	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.894	152	1020	0.051	ng/ul	-0.03
18) Fluoranthene-d10	19.152	212	128	0.148	ng/ul	0.15
Target Compounds						
					Qvalue	
5) Naphthalene	10.338	128	9108	0.255	ng/ul	99
7) 2-Methylnaphthalene	11.971	142	4427	0.199	ng/ul	95
8) 1-Methylnaphthalene	12.185	142	3089	0.134	ng/ul	100
10) Acenaphthylene	13.887	152	28262	0.870	ng/ul	99
11) Acenaphthene	14.230	153	6394	0.238	ng/ul	99
12) Fluorene	15.229	166	7833	0.255	ng/ul	99
15) Phenanthrene	17.067	178	39457	0.102	ng/ul	98
19) Fluoranthene	19.157	202	12959	11.982	ng/ul#	96
20) Pyrene	19.533	202	505	0.451	ng/ul#	42
21) Benzo(a)anthracene	21.299	228	8344	9.855	ng/ul#	37
22) Chrysene	21.331	228	9965	8.136	ng/ul#	67
24) Benzo(b)fluoranthene	22.851	252	37208	8.553	ng/ul	80
25) Benzo(k)fluoranthene	22.851	252	39541	7.458	ng/ul#	79
26) Benzo(a)pyrene	23.386	252	8585	2.280	ng/ul#	12
27) Indeno(1,2,3-cd)pyrene	25.639	276	3316	0.650	ng/ul#	48
28) Dibenzo(a,h)anthracene	25.646	278	13866	3.509	ng/ul#	54
29) Benzo(g,h,i)perylene	26.226	276	13427	3.151	ng/ul#	63

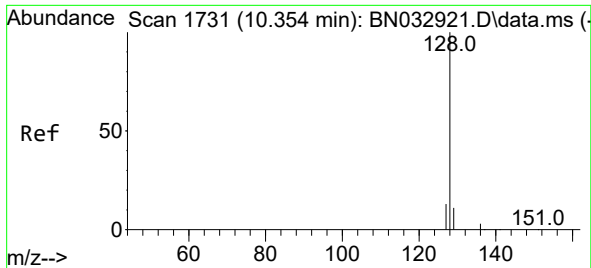
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 25 00:50:10 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

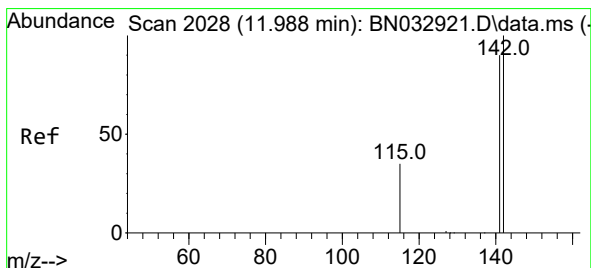
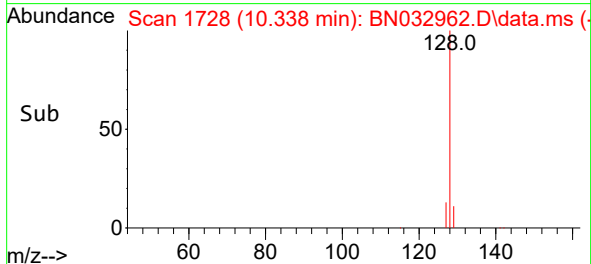
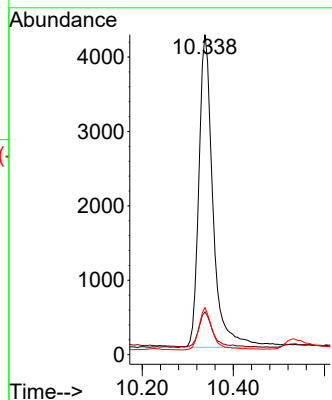
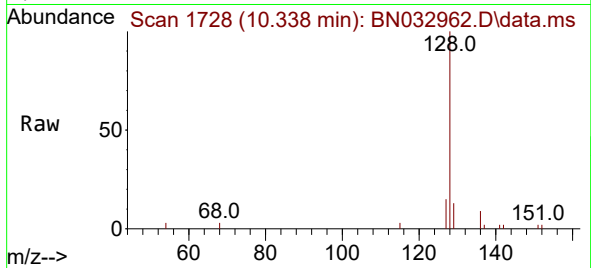




#5
Naphthalene
Concen: 0.255 ng/ul
RT: 10.338 min Scan# 1728
Delta R.T. -0.026 min
Lab File: BN032962.D
Acq: 24 Jul 2024 23:49

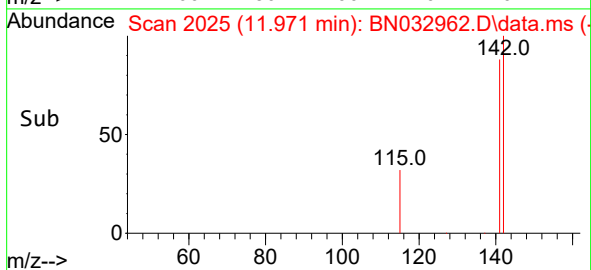
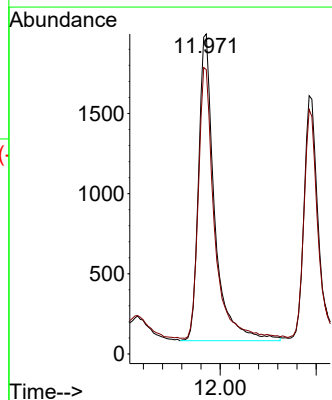
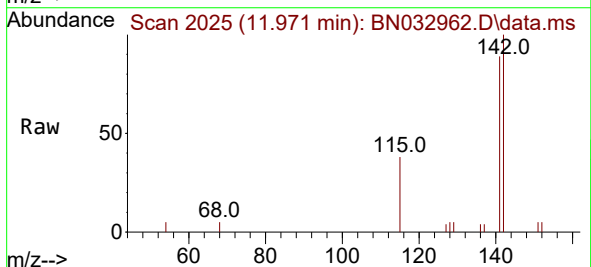
Instrument :
BNA_N
ClientSampleId :
A4D43DL

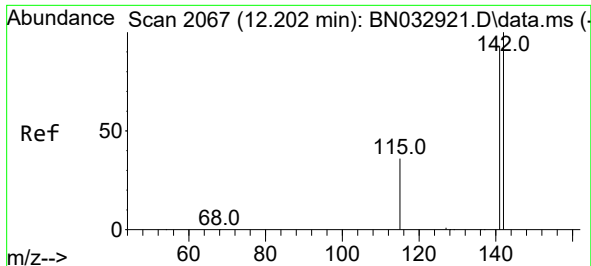
Tgt Ion:128 Resp: 9108
Ion Ratio Lower Upper
128 100
129 13.4 10.0 15.0
127 14.7 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.199 ng/ul
RT: 11.971 min Scan# 2025
Delta R.T. -0.026 min
Lab File: BN032962.D
Acq: 24 Jul 2024 23:49

Tgt Ion:142 Resp: 4427
Ion Ratio Lower Upper
142 100
141 88.1 74.0 111.0

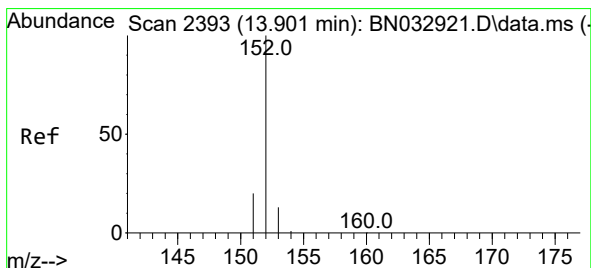
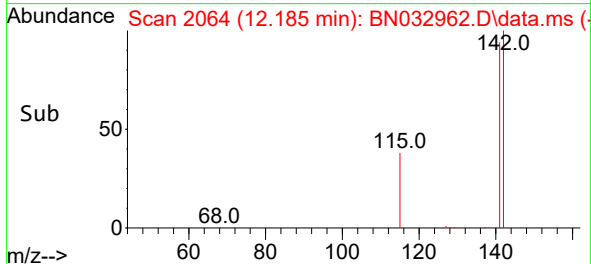
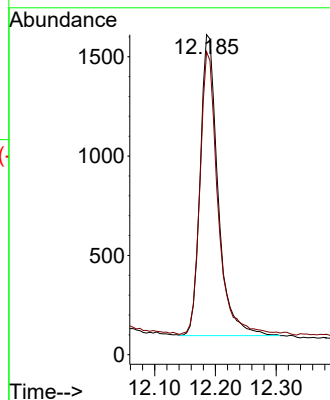
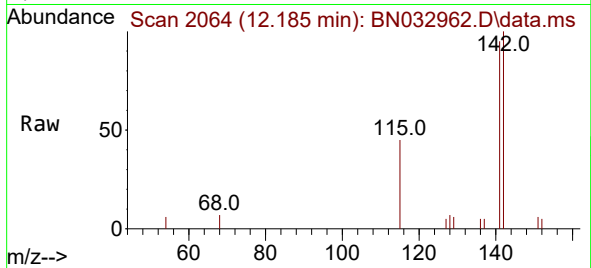




#8
1-Methylnaphthalene
Concen: 0.134 ng/ul
RT: 12.185 min Scan# 2064
Delta R.T. -0.026 min
Lab File: BN032962.D
Acq: 24 Jul 2024 23:49

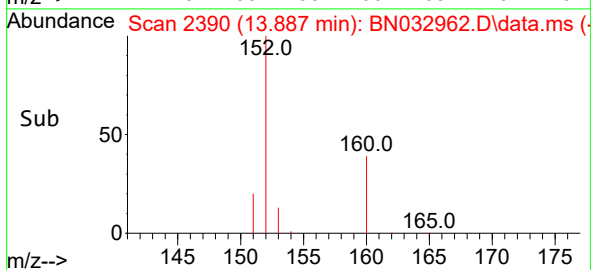
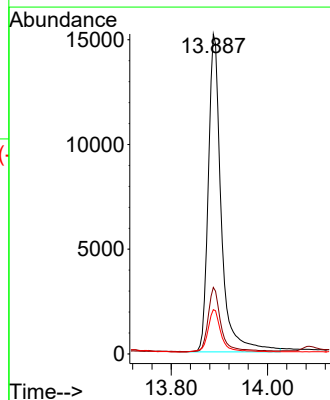
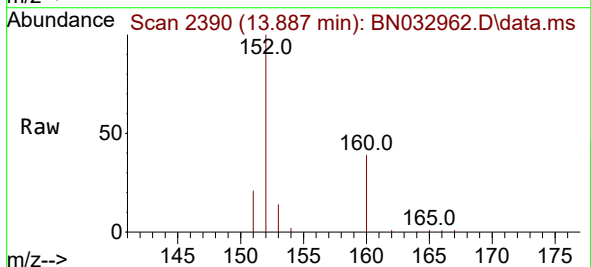
Instrument :
BNA_N
ClientSampleId :
A4D43DL

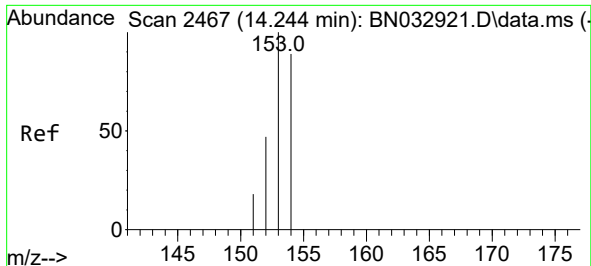
Tgt Ion:142 Resp: 3089
Ion Ratio Lower Upper
142 100
141 93.7 75.0 112.4



#10
Acenaphthylene
Concen: 0.870 ng/ul
RT: 13.887 min Scan# 2390
Delta R.T. -0.026 min
Lab File: BN032962.D
Acq: 24 Jul 2024 23:49

Tgt Ion:152 Resp: 28262
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.9 11.3 16.9

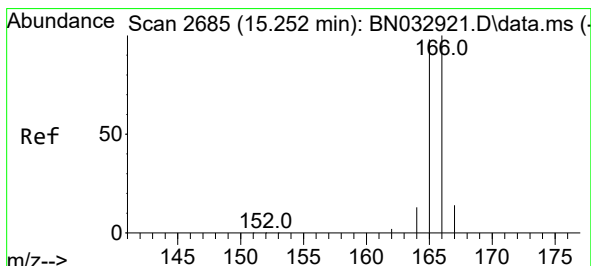
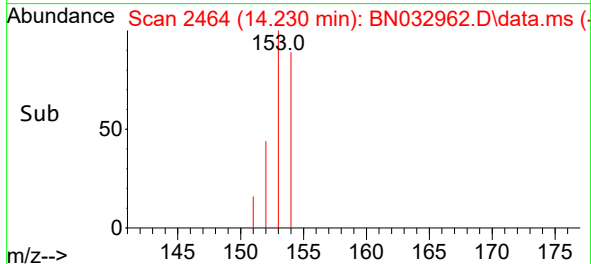
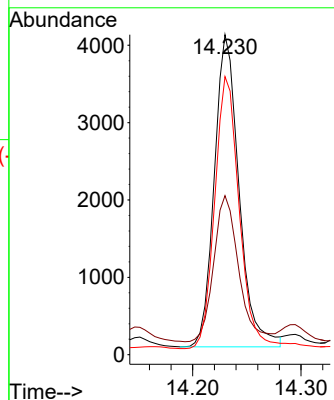
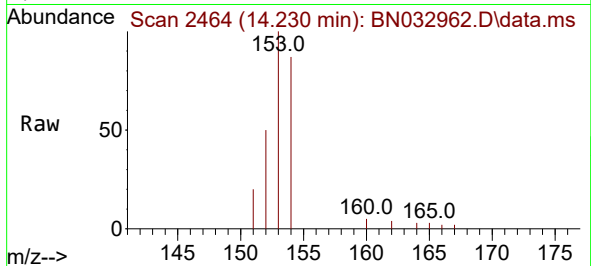




#11
Acenaphthene
Concen: 0.238 ng/ul
RT: 14.230 min Scan# 2464
Delta R.T. -0.022 min
Lab File: BN032962.D
Acq: 24 Jul 2024 23:49

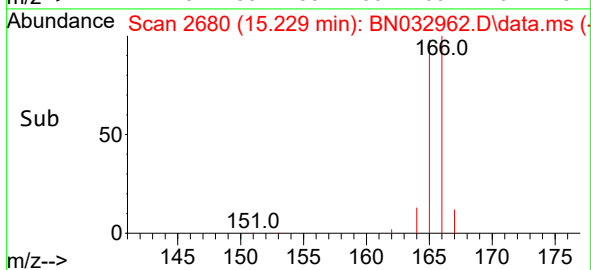
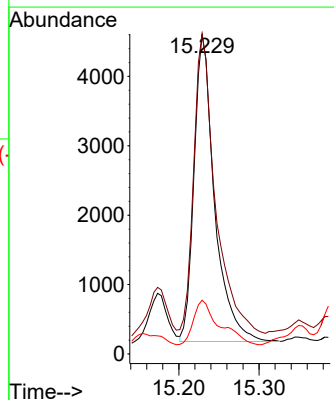
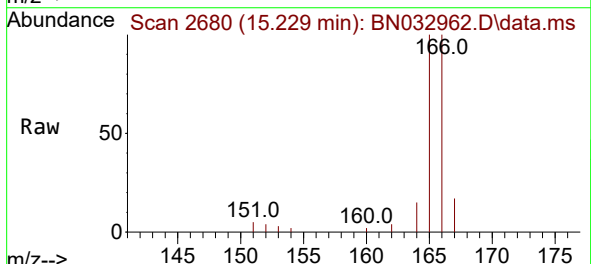
Instrument :
BNA_N
ClientSampleId :
A4D43DL

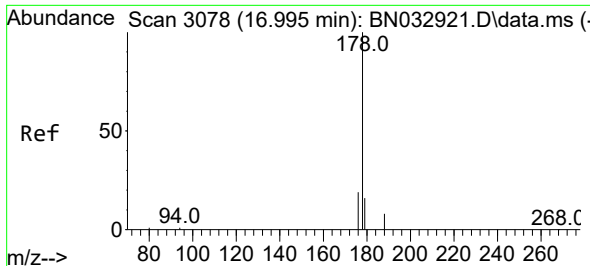
Tgt Ion:153 Resp: 6394
Ion Ratio Lower Upper
153 100
152 49.7 40.0 60.0
154 86.9 70.2 105.4



#12
Fluorene
Concen: 0.255 ng/ul
RT: 15.229 min Scan# 2680
Delta R.T. -0.031 min
Lab File: BN032962.D
Acq: 24 Jul 2024 23:49

Tgt Ion:166 Resp: 7833
Ion Ratio Lower Upper
166 100
165 100.3 79.7 119.5
167 16.9 11.4 17.2

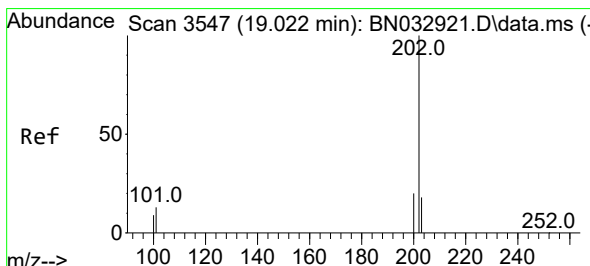
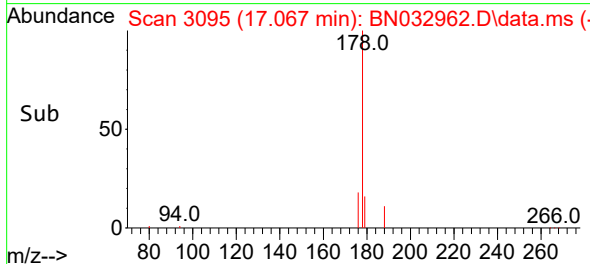
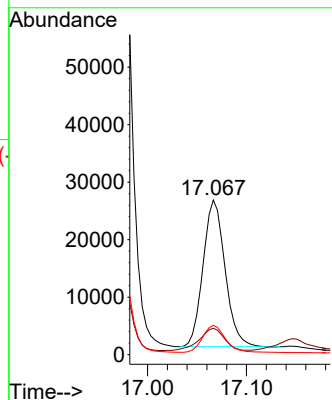
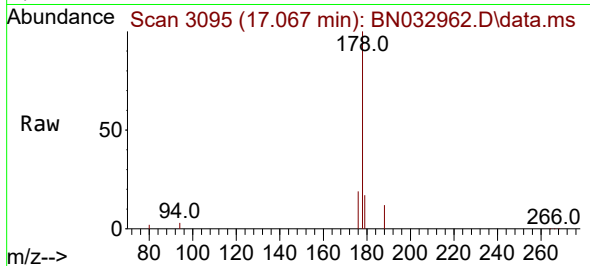




#15
Phenanthrene
Concen: 0.102 ng/ul
RT: 17.067 min Scan# 3078
Delta R.T. 0.065 min
Lab File: BN032962.D
Acq: 24 Jul 2024 23:49

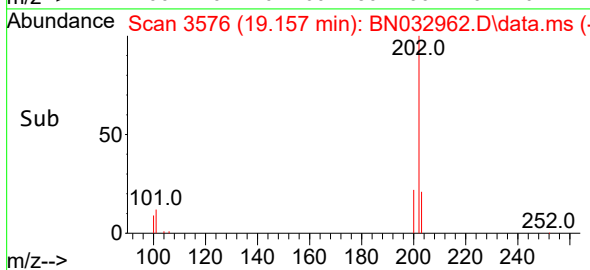
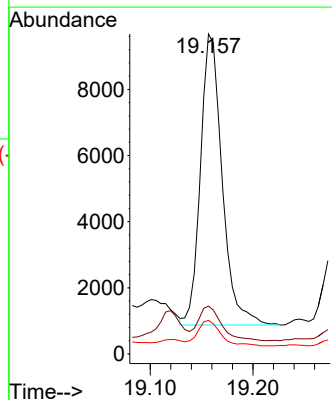
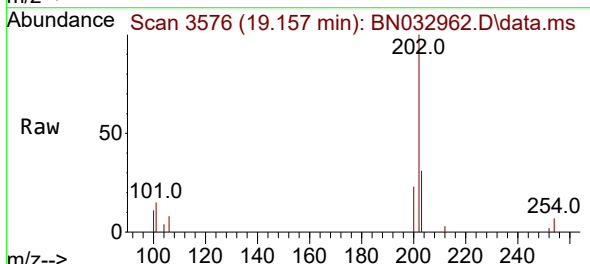
Instrument :
BNA_N
ClientSampleId :
A4D43DL

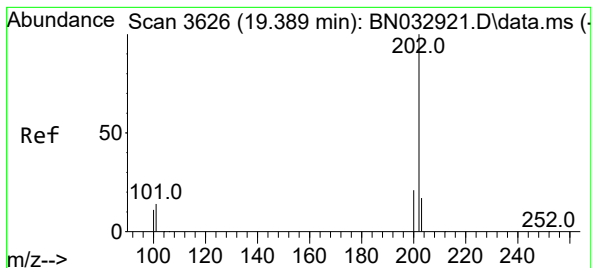
Tgt Ion:178 Resp: 39457
Ion Ratio Lower Upper
178 100
179 17.1 13.0 19.4
176 19.0 15.6 23.4



#19
Fluoranthene
Concen: 11.982 ng/ul
RT: 19.157 min Scan# 3576
Delta R.T. 0.132 min
Lab File: BN032962.D
Acq: 24 Jul 2024 23:49

Tgt Ion:202 Resp: 12959
Ion Ratio Lower Upper
202 100
101 14.9 9.8 14.8#
100 10.5 7.9 11.9





#20

Pyrene

Concen: 0.451 ng/ul

RT: 19.533 min Scan# 3

Delta R.T. 0.141 min

Lab File: BN032962.D

Acq: 24 Jul 2024 23:49

Instrument :

BNA_N

ClientSampleId :

A4D43DL

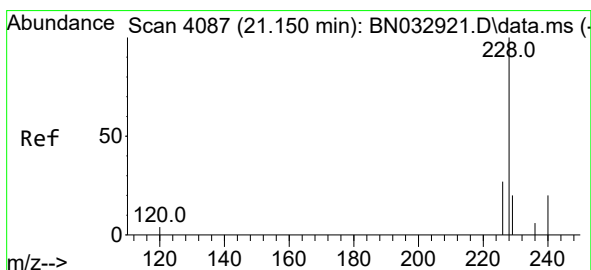
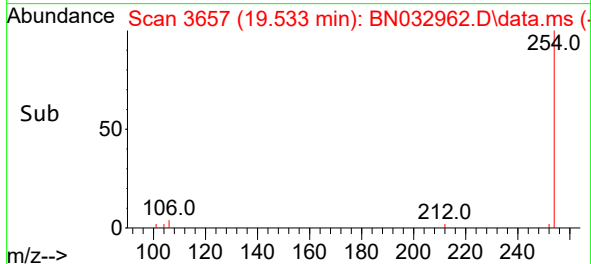
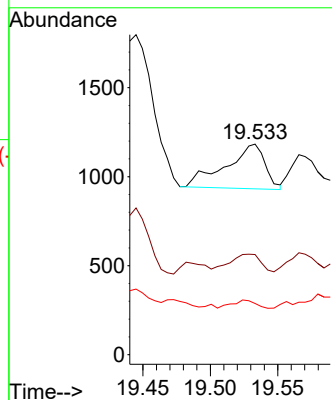
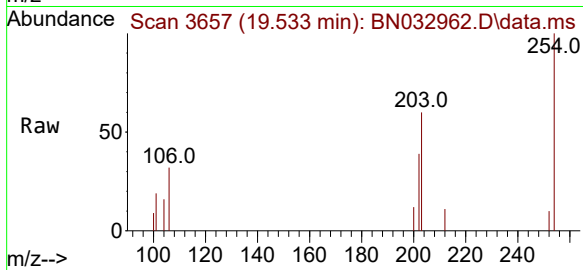
Tgt Ion:202 Resp: 505

Ion Ratio Lower Upper

202 100

101 47.6 11.8 17.6#

100 24.3 9.6 14.4#



#21

Benzo(a)anthracene

Concen: 9.855 ng/ul

RT: 21.299 min Scan# 4138

Delta R.T. 0.149 min

Lab File: BN032962.D

Acq: 24 Jul 2024 23:49

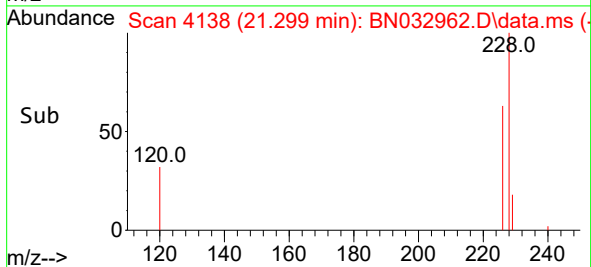
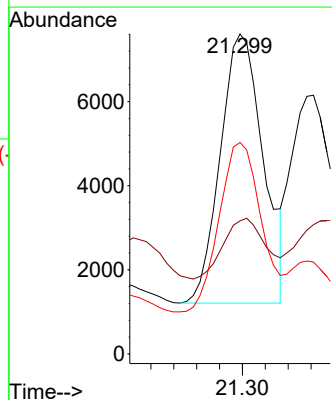
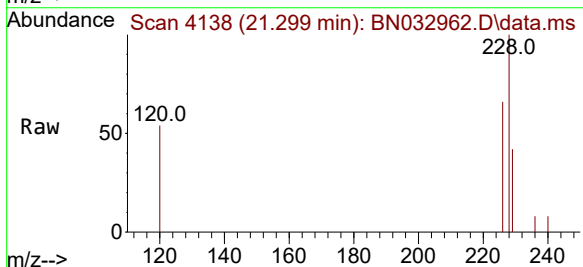
Tgt Ion:228 Resp: 8344

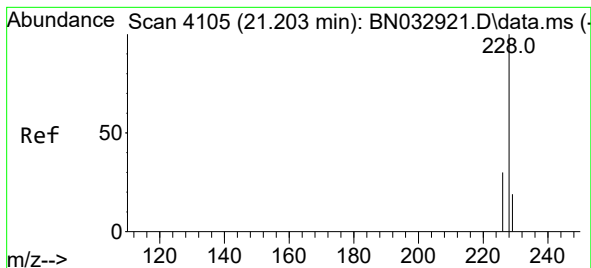
Ion Ratio Lower Upper

228 100

229 41.6 16.1 24.1#

226 66.1 21.9 32.9#





#22

Chrysene

Concen: 8.136 ng/ul

RT: 21.331 min Scan# 4105

Delta R.T. 0.128 min

Lab File: BN032962.D

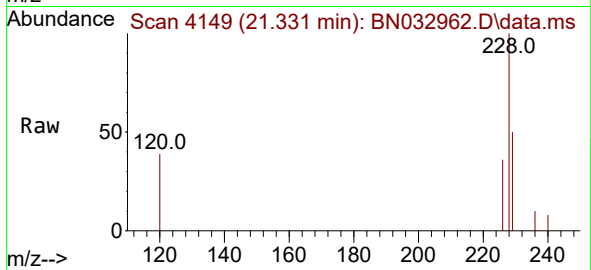
Acq: 24 Jul 2024 23:49

Instrument :

BNA_N

ClientSampleId :

A4D43DL



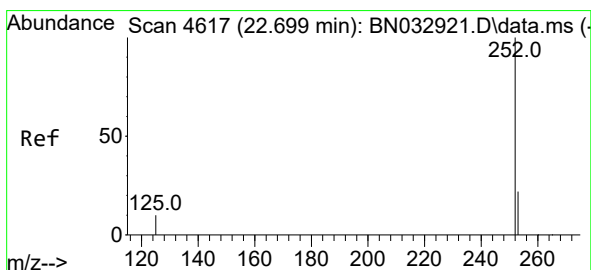
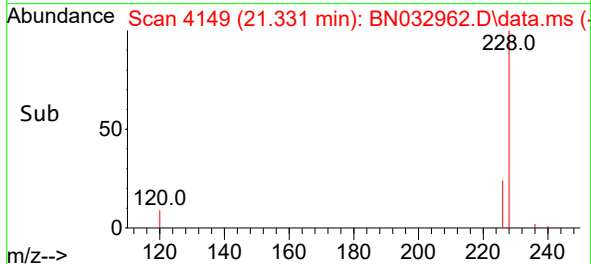
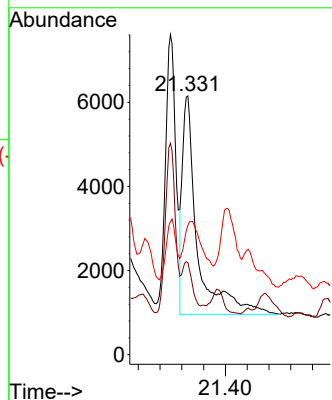
Tgt Ion:228 Resp: 9965

Ion Ratio Lower Upper

228 100

226 35.6 24.0 36.0

229 50.0 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 8.553 ng/ul

RT: 22.851 min Scan# 4669

Delta R.T. 0.152 min

Lab File: BN032962.D

Acq: 24 Jul 2024 23:49

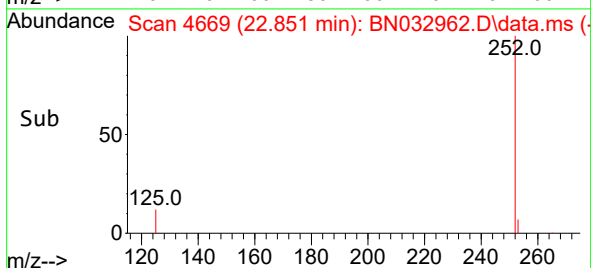
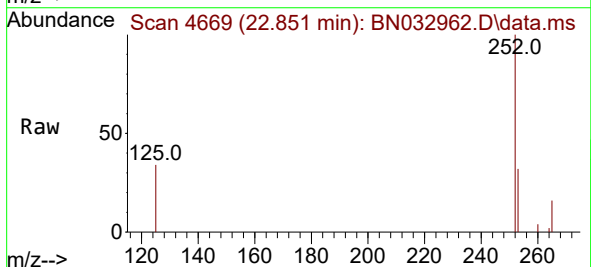
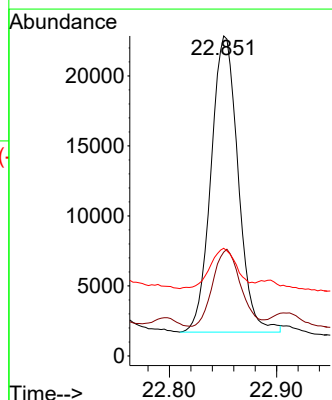
Tgt Ion:252 Resp: 37208

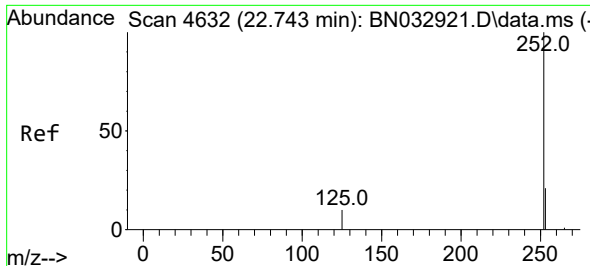
Ion Ratio Lower Upper

252 100

253 32.5 0.0 54.0

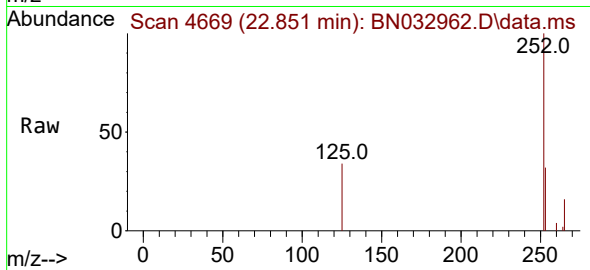
125 33.6 0.0 36.0



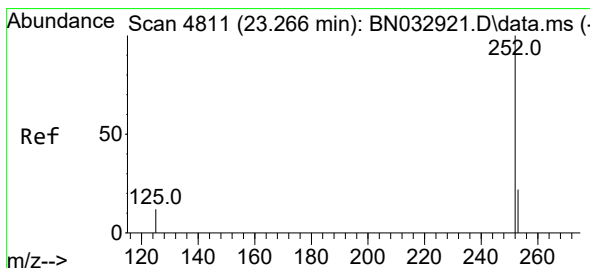
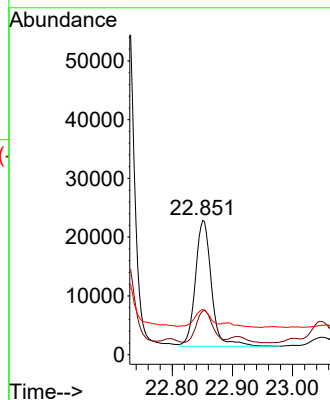
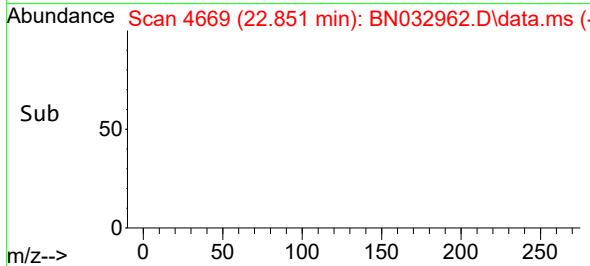


#25
Benzo(k)fluoranthene
Concen: 7.458 ng/ul
RT: 22.851 min Scan# 4669
Delta R.T. 0.111 min
Lab File: BN032962.D
Acq: 24 Jul 2024 23:49

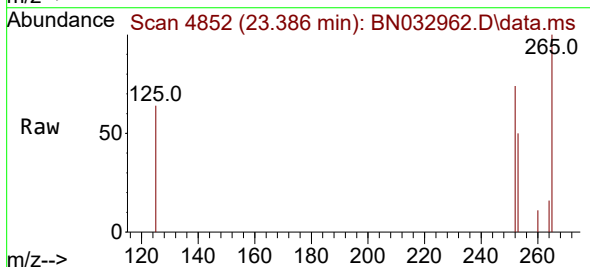
Instrument :
BNA_N
ClientSampleId :
A4D43DL



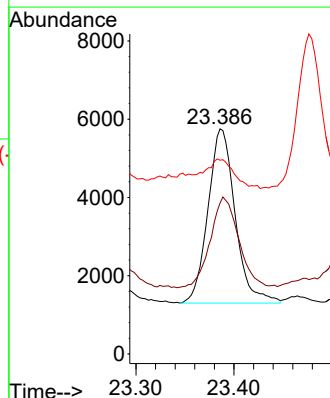
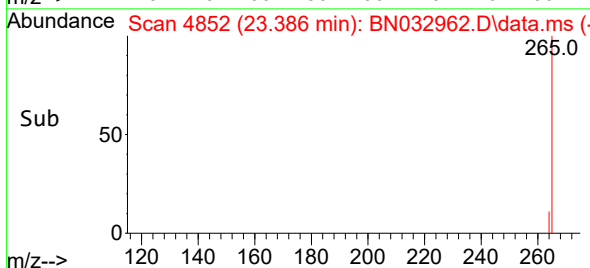
Tgt Ion:252 Resp: 39541
Ion Ratio Lower Upper
252 100
253 32.5 21.2 31.8#
125 33.6 14.8 22.2#

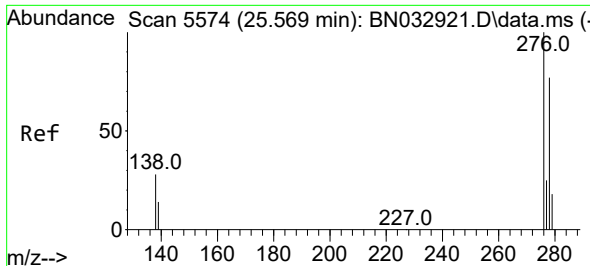


#26
Benzo(a)pyrene
Concen: 2.280 ng/ul
RT: 23.386 min Scan# 4852
Delta R.T. 0.122 min
Lab File: BN032962.D
Acq: 24 Jul 2024 23:49



Tgt Ion:252 Resp: 8585
Ion Ratio Lower Upper
252 100
253 67.0 25.4 38.0#
125 86.1 20.6 30.8#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.650 ng/ul

RT: 25.639 min Scan# 5595

Delta R.T. 0.070 min

Lab File: BN032962.D

Acq: 24 Jul 2024 23:49

Instrument :

BNA_N

ClientSampleId :

A4D43DL

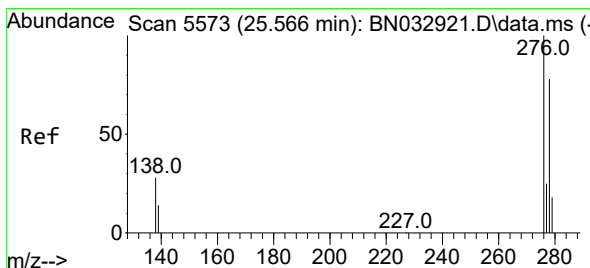
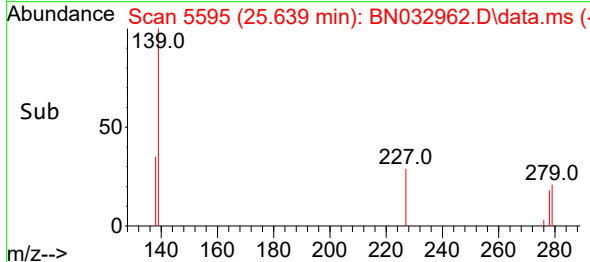
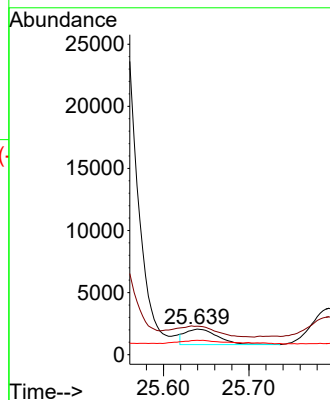
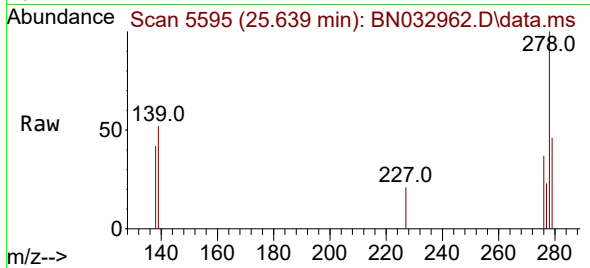
Tgt Ion:276 Resp: 3316

Ion Ratio Lower Upper

276 100

138 0.0 21.6 32.4#

227 24.4 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 3.509 ng/ul

RT: 25.646 min Scan# 5597

Delta R.T. 0.077 min

Lab File: BN032962.D

Acq: 24 Jul 2024 23:49

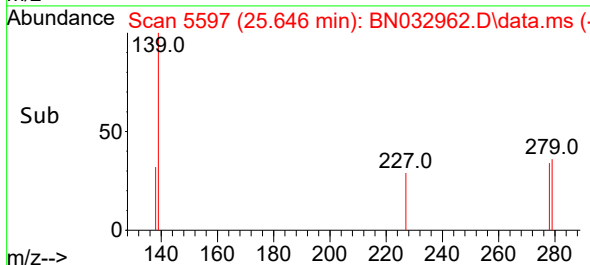
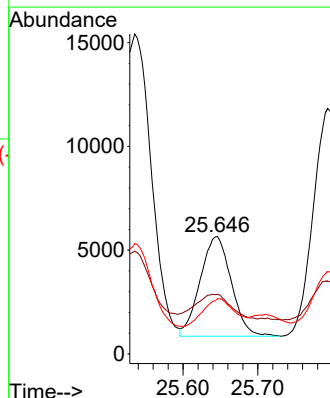
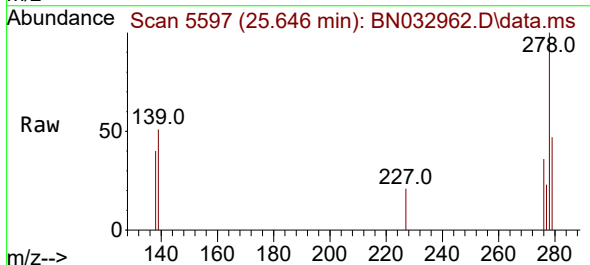
Tgt Ion:278 Resp: 13866

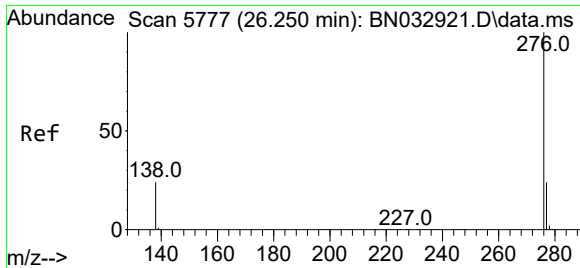
Ion Ratio Lower Upper

278 100

139 50.8 16.6 24.8#

279 47.0 23.7 35.5#





#29
 Benzo(g,h,i)perylene
 Concen: 3.151 ng/ul
 RT: 26.226 min Scan# 51
 Delta R.T. -0.024 min
 Lab File: BN032962.D
 Acq: 24 Jul 2024 23:49

Instrument :
 BNA_N
 ClientSampleId :
 A4D43DL

Tgt Ion:	276	Resp:	13427
Ion	Ratio	Lower	Upper
276	100		
138	50.5	21.0	31.4#
277	38.8	20.6	31.0#

