

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032714.D
 Acq On : 13 Jul 2024 17:33
 Operator : MA/JU
 Sample : P3087-06DL 5X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CB1DL

Quant Time: Jul 15 08:58:20 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)

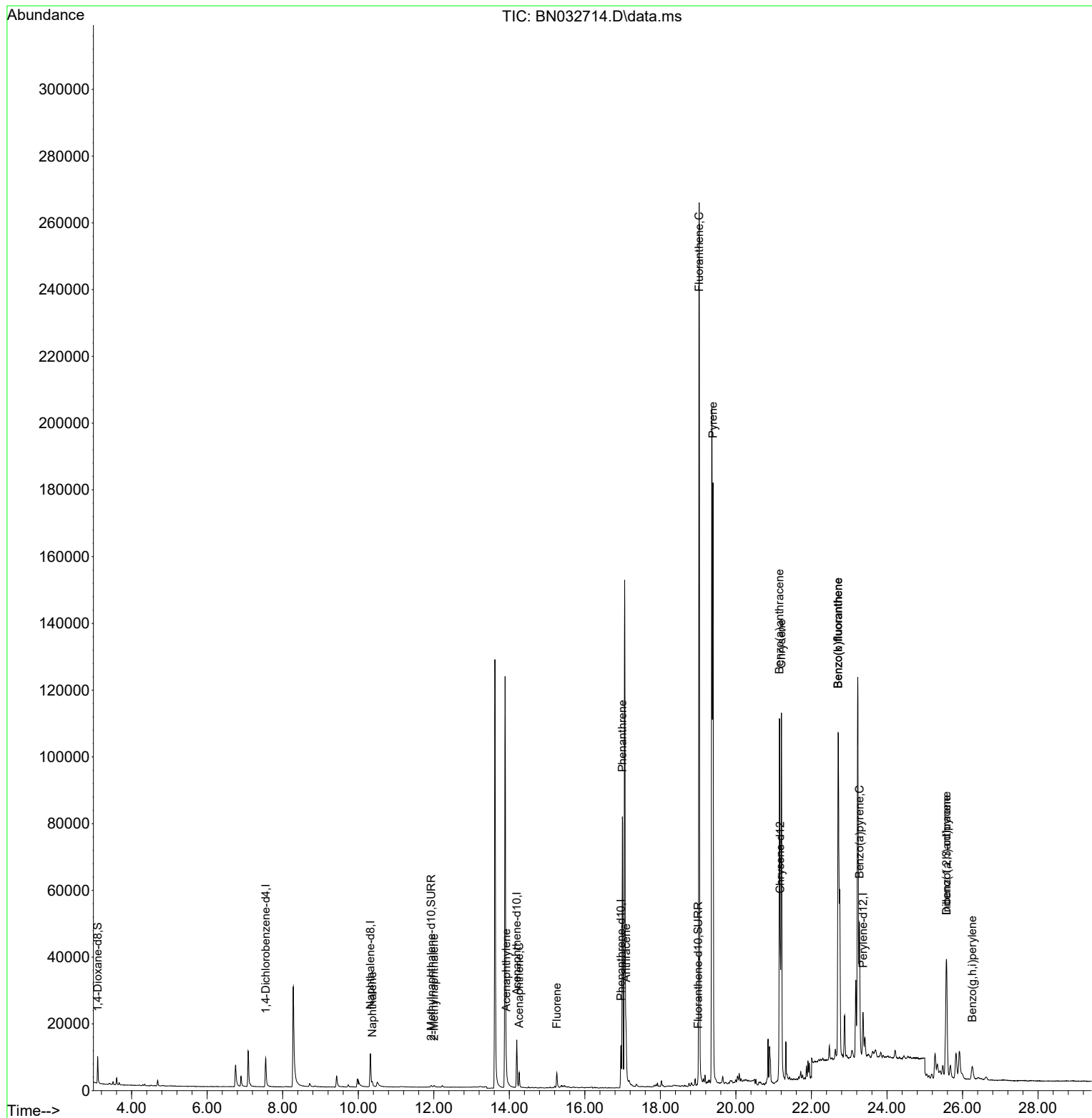
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	5729	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	16367	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.198	164	8336	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.957	188	15796	0.400	ng/ul	-0.03
17) Chrysene-d12	21.171	240	14994	0.400	ng/ul	-0.02
23) Perylene-d12	23.365	264	18229	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	5491	0.798	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.933	152	1180	0.048	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	2346	0.048	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.371	128	1804	0.041	ng/ul#	83
7) 2-Methylnaphthalene	12.010	142	582	0.021	ng/ul	99
10) Acenaphthylene	13.920	152	4613	0.137	ng/ul	95
11) Acenaphthene	14.262	153	2830	0.102	ng/ul	99
12) Fluorene	15.257	166	3463	0.109	ng/ul	98
15) Phenanthrene	16.995	178	91042	2.116	ng/ul	99
16) Anthracene	17.092	178	16539	0.471	ng/ul	98
19) Fluoranthene	19.027	202	234228	3.842	ng/ul	98
20) Pyrene	19.394	202	160181	2.538	ng/ul	97
21) Benzo(a)anthracene	21.153	228	96100	2.013	ng/ul	98
22) Chrysene	21.206	228	114089	1.652	ng/ul	98
24) Benzo(b)fluoranthene	22.708	252	212925	3.310	ng/ul	92
25) Benzo(k)fluoranthene	22.708	252	172970	2.207	ng/ul#	92
26) Benzo(a)pyrene	23.272	252	55160	0.991	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.576	276	54059	0.717	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.576	278	18020	0.308	ng/ul#	86
29) Benzo(g,h,i)perylene	26.257	276	8199	0.130	ng/ul#	73

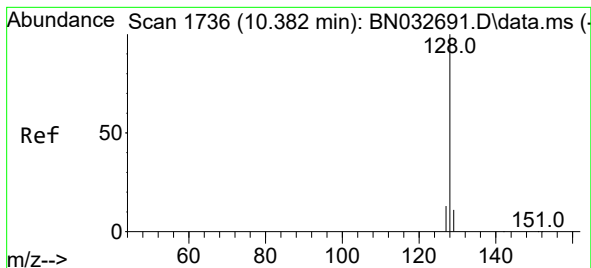
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.041 ng/ul

RT: 10.371 min Scan# 1734

Delta R.T. -0.039 min

Lab File: BN032714.D

Acq: 13 Jul 2024 17:33

Instrument :

BNA_N

ClientSampleId :

A4CB1DL

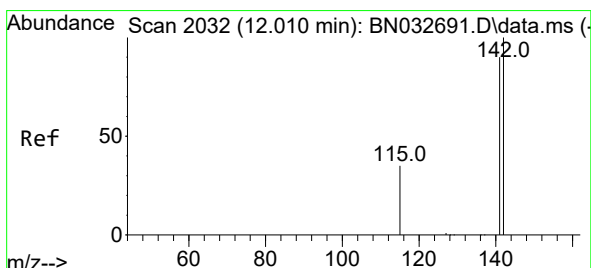
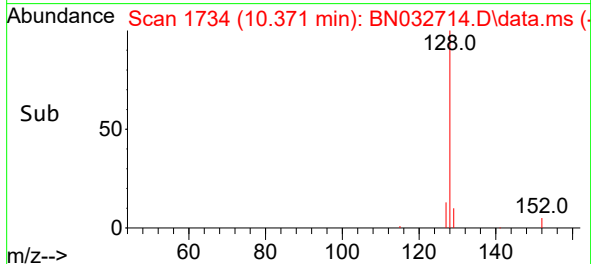
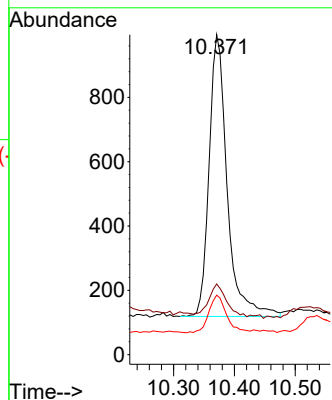
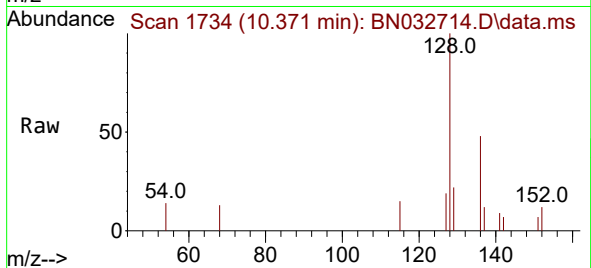
Tgt Ion:128 Resp: 1804

Ion Ratio Lower Upper

128 100

129 22.1 10.0 15.0#

127 18.6 11.6 17.4#



#7

2-Methylnaphthalene

Concen: 0.021 ng/ul

RT: 12.010 min Scan# 2032

Delta R.T. -0.038 min

Lab File: BN032714.D

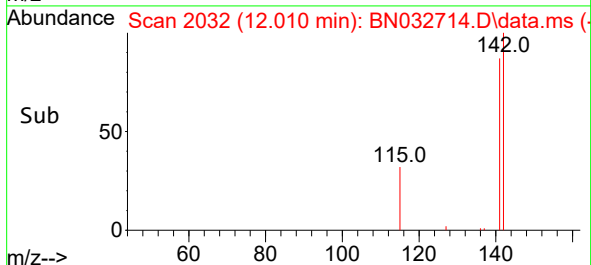
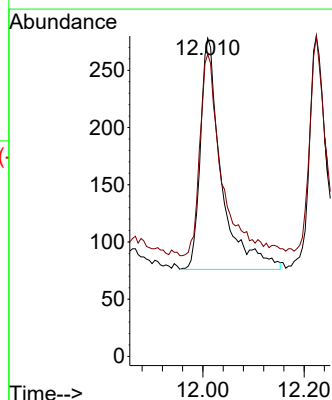
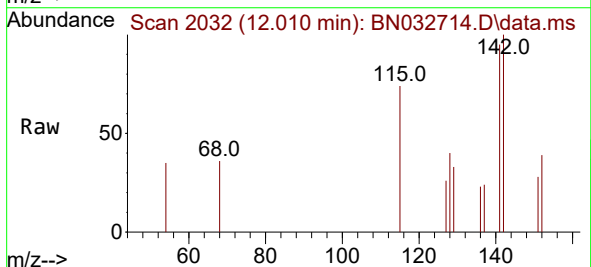
Acq: 13 Jul 2024 17:33

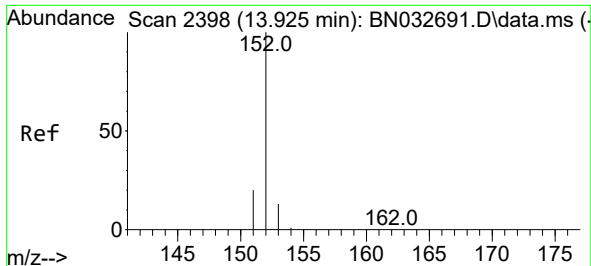
Tgt Ion:142 Resp: 582

Ion Ratio Lower Upper

142 100

141 91.2 74.0 111.0

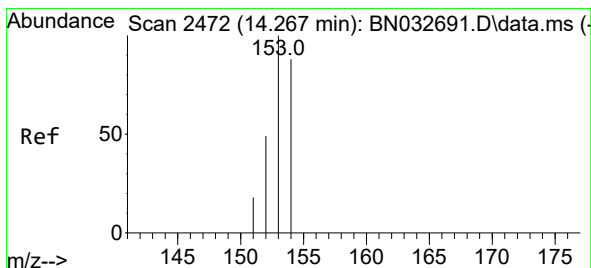
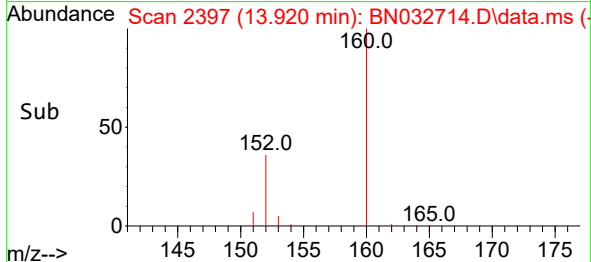
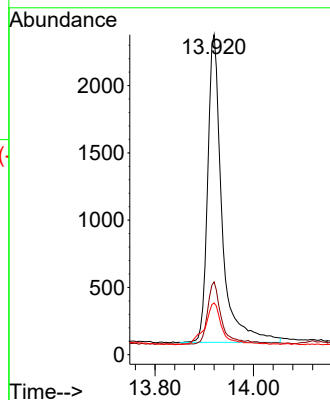
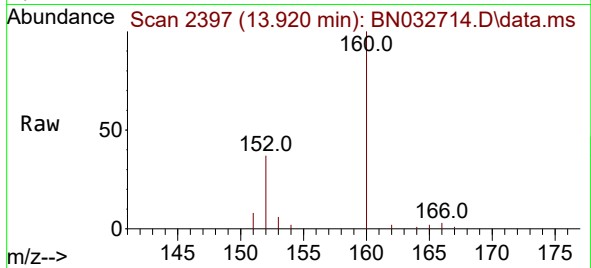




#10
Acenaphthylene
Concen: 0.137 ng/ul
RT: 13.920 min Scan# 21
Delta R.T. -0.023 min
Lab File: BN032714.D
Acq: 13 Jul 2024 17:33

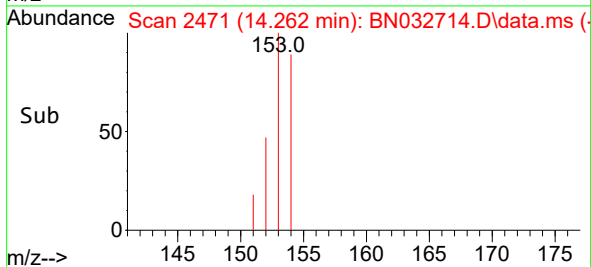
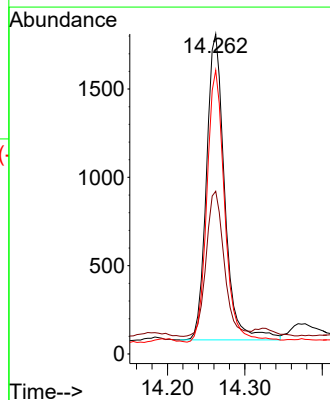
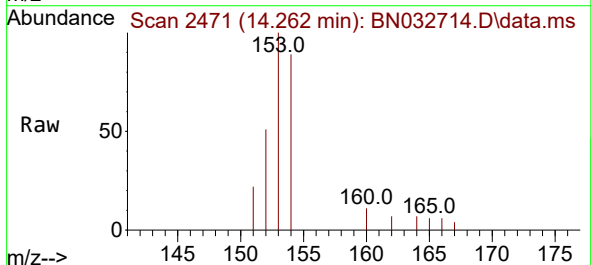
Instrument :
BNA_N
ClientSampleId :
A4CB1DL

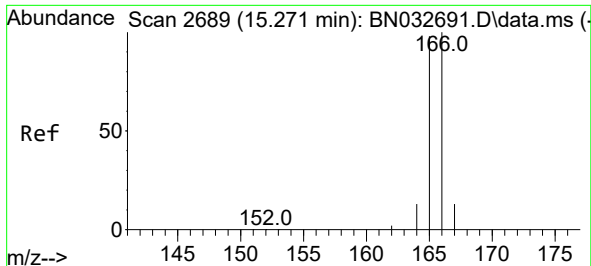
Tgt Ion:152 Resp: 4613
Ion Ratio Lower Upper
152 100
151 22.8 16.3 24.5
153 16.1 11.3 16.9



#11
Acenaphthene
Concen: 0.102 ng/ul
RT: 14.262 min Scan# 2471
Delta R.T. -0.019 min
Lab File: BN032714.D
Acq: 13 Jul 2024 17:33

Tgt Ion:153 Resp: 2830
Ion Ratio Lower Upper
153 100
152 50.9 40.0 60.0
154 88.6 70.2 105.4

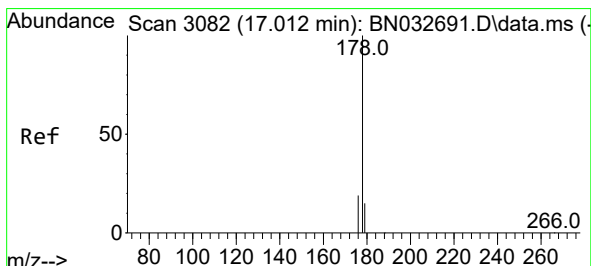
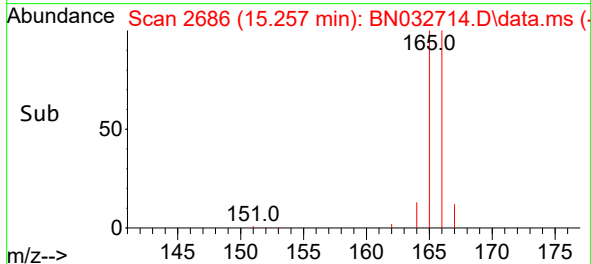
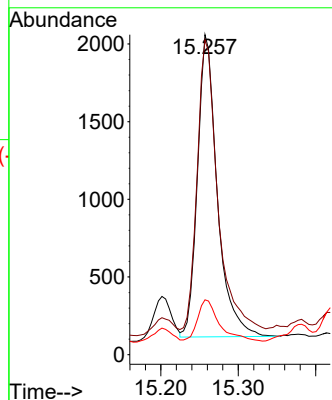
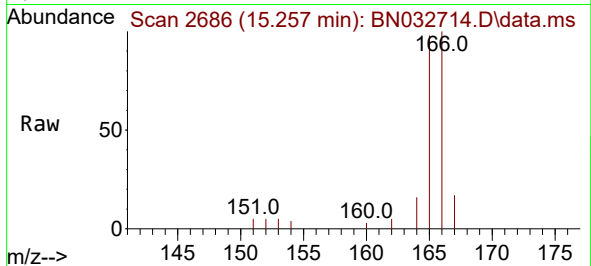




#12
Fluorene
Concen: 0.109 ng/ul
RT: 15.257 min Scan# 20
Delta R.T. -0.032 min
Lab File: BN032714.D
Acq: 13 Jul 2024 17:33

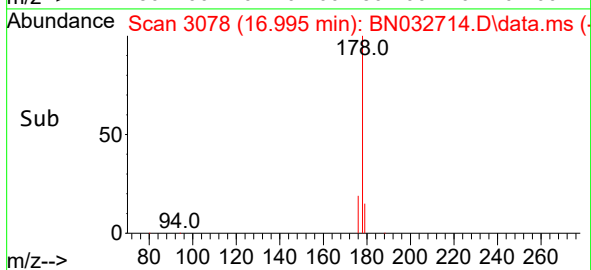
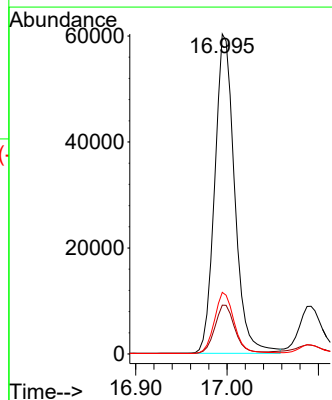
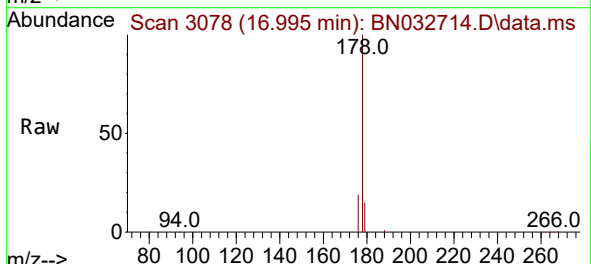
Instrument :
BNA_N
ClientSampleId :
A4CB1DL

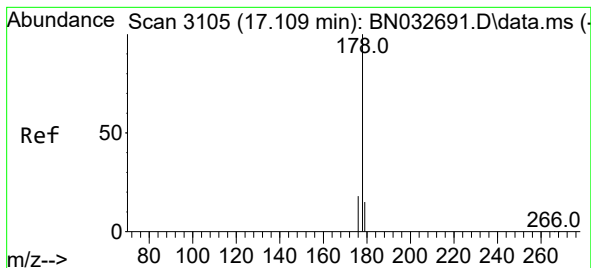
Tgt Ion:166 Resp: 3463
Ion Ratio Lower Upper
166 100
165 98.3 79.7 119.5
167 17.1 11.4 17.2



#15
Phenanthrene
Concen: 2.116 ng/ul
RT: 16.995 min Scan# 3078
Delta R.T. -0.034 min
Lab File: BN032714.D
Acq: 13 Jul 2024 17:33

Tgt Ion:178 Resp: 91042
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.4
176 19.3 15.6 23.4





#16

Anthracene

Concen: 0.471 ng/ul

RT: 17.092 min Scan# 3105

Delta R.T. -0.046 min

Lab File: BN032714.D

Acq: 13 Jul 2024 17:33

Instrument :

BNA_N

ClientSampleId :

A4CB1DL

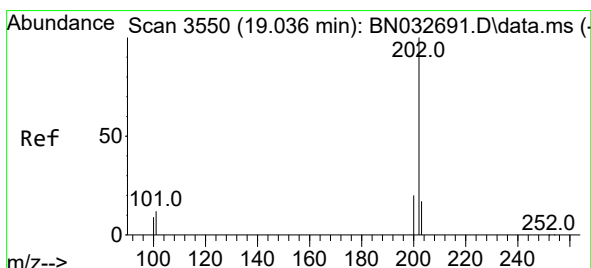
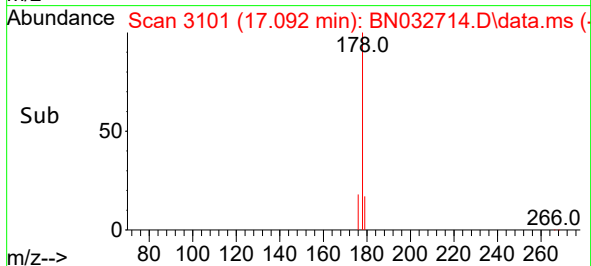
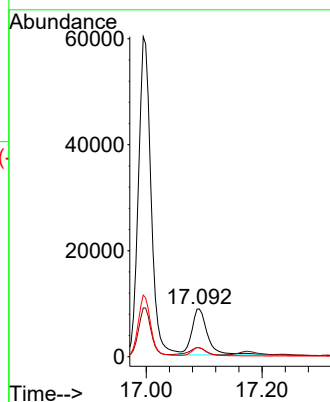
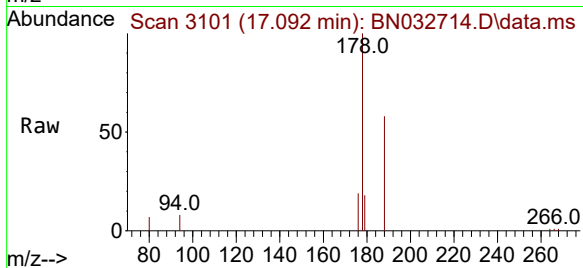
Tgt Ion:178 Resp: 16539

Ion Ratio Lower Upper

178 100

179 18.5 13.4 20.2

176 19.0 15.4 23.0



#19

Fluoranthene

Concen: 3.842 ng/ul

RT: 19.027 min Scan# 3548

Delta R.T. -0.028 min

Lab File: BN032714.D

Acq: 13 Jul 2024 17:33

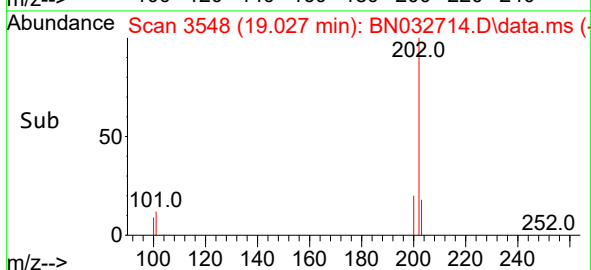
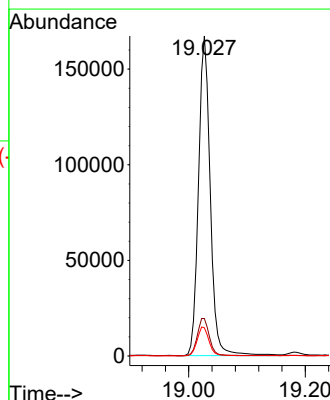
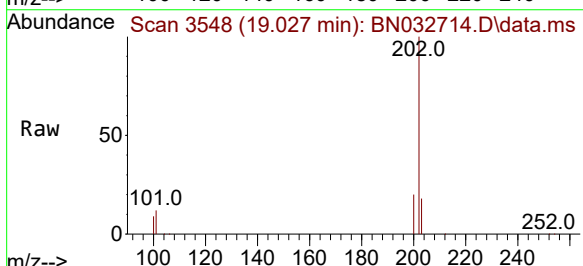
Tgt Ion:202 Resp: 234228

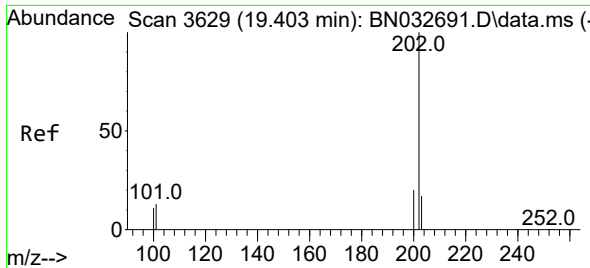
Ion Ratio Lower Upper

202 100

101 11.7 9.8 14.8

100 8.8 7.9 11.9

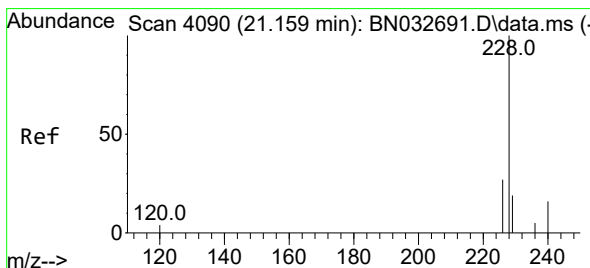
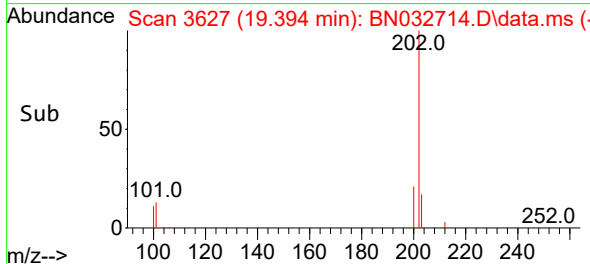
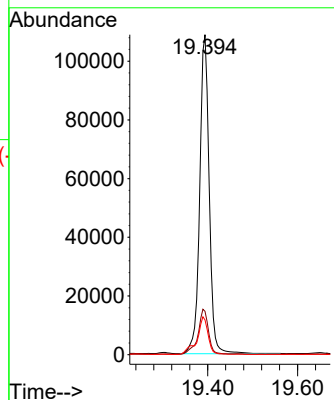
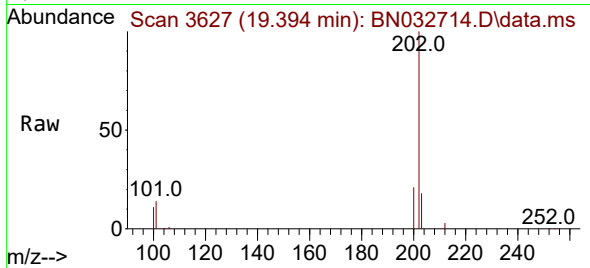




#20
 Pyrene
 Concen: 2.538 ng/ul
 RT: 19.394 min Scan# 3627
 Delta R.T. -0.028 min
 Lab File: BN032714.D
 Acq: 13 Jul 2024 17:33

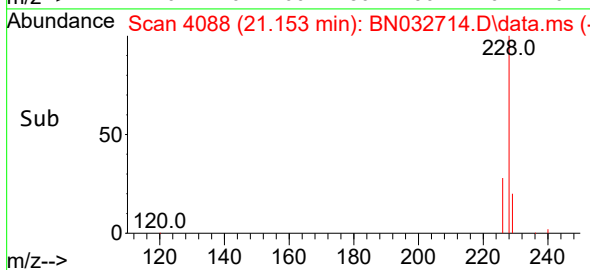
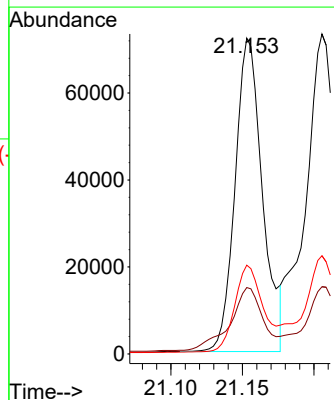
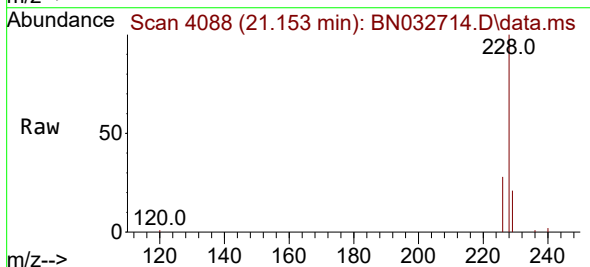
Instrument :
 BNA_N
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 A4CB1DL

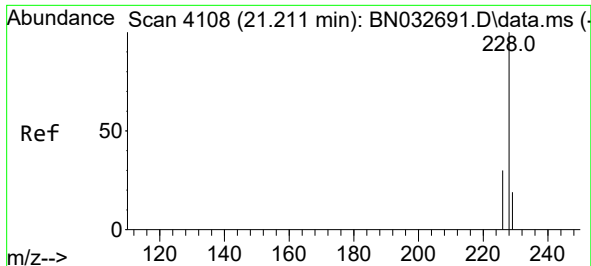
Tgt Ion:	202	Resp:	160181
Ion Ratio	Lower	Upper	
202	100		
101	13.6	11.8	17.6
100	10.9	9.6	14.4



#21
 Benzo(a)anthracene
 Concen: 2.013 ng/ul
 RT: 21.153 min Scan# 4088
 Delta R.T. -0.029 min
 Lab File: BN032714.D
 Acq: 13 Jul 2024 17:33

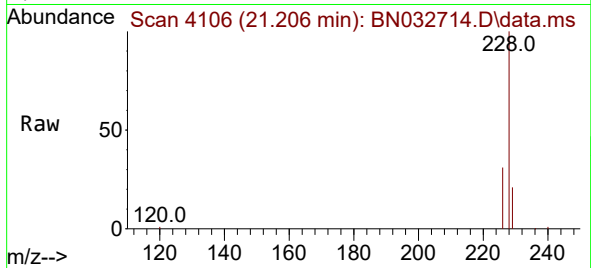
Tgt Ion:	228	Resp:	96100
Ion Ratio	Lower	Upper	
228	100		
229	21.1	16.1	24.1
226	28.1	21.9	32.9



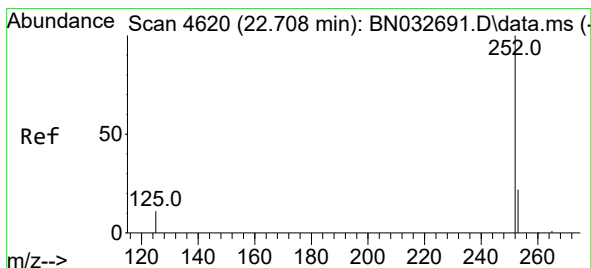
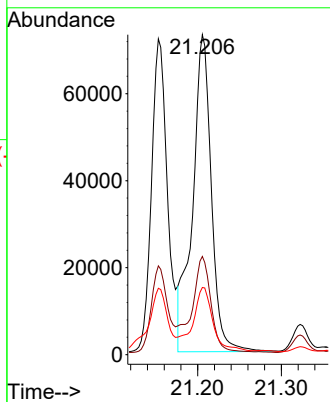
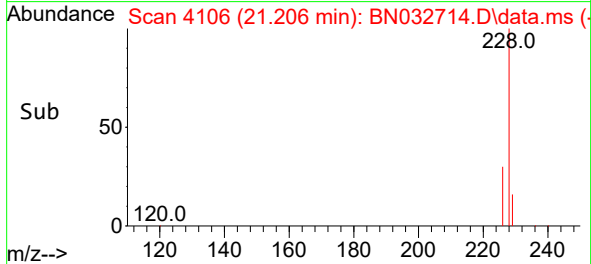


#22
Chrysene
Concen: 1.652 ng/ul
RT: 21.206 min Scan# 4106
Delta R.T. -0.026 min
Lab File: BN032714.D
Acq: 13 Jul 2024 17:33

Instrument :
BNA_N
ClientSampleId :
A4CB1DL

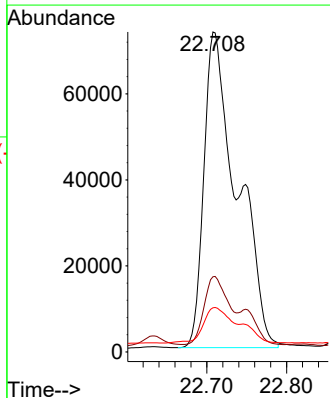
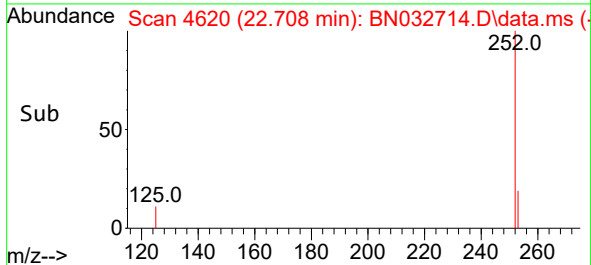
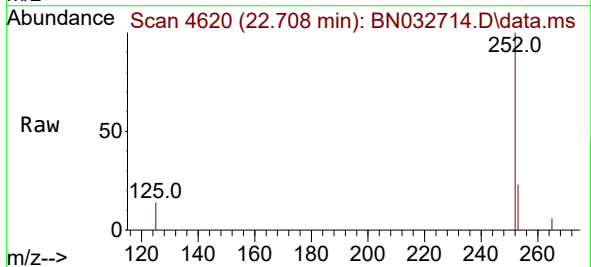


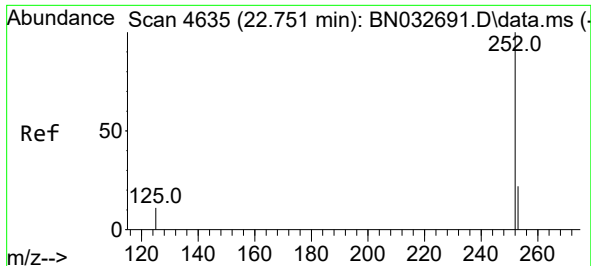
Tgt Ion:228 Resp: 114089
Ion Ratio Lower Upper
228 100
226 30.7 24.0 36.0
229 21.0 15.8 23.6



#24
Benzo(b)fluoranthene
Concen: 3.310 ng/ul
RT: 22.708 min Scan# 4620
Delta R.T. -0.026 min
Lab File: BN032714.D
Acq: 13 Jul 2024 17:33

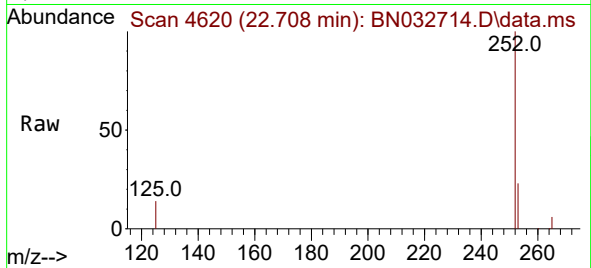
Tgt Ion:252 Resp: 212925
Ion Ratio Lower Upper
252 100
253 23.5 0.0 54.0
125 13.8 0.0 36.0



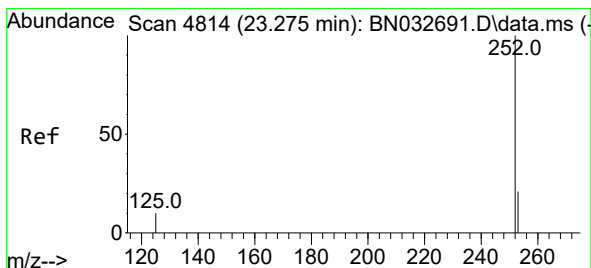
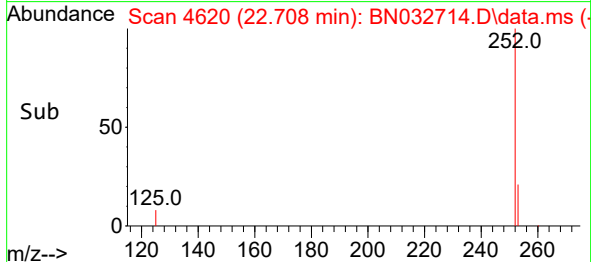
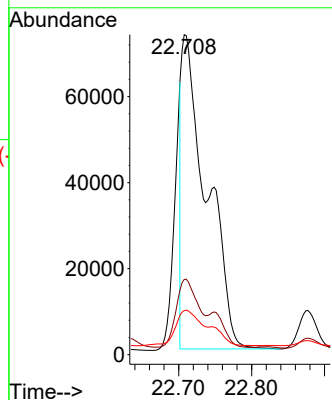


#25
Benzo(k)fluoranthene
Concen: 2.207 ng/ul
RT: 22.708 min Scan# 4620
Delta R.T. -0.070 min
Lab File: BN032714.D
Acq: 13 Jul 2024 17:33

Instrument :
BNA_N
ClientSampleId :
A4CB1DL

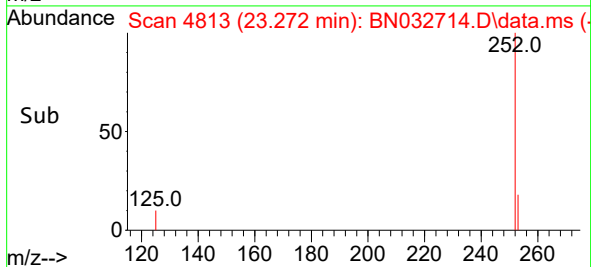
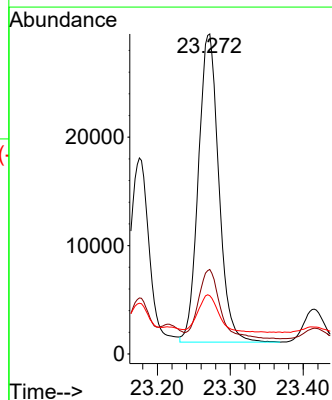
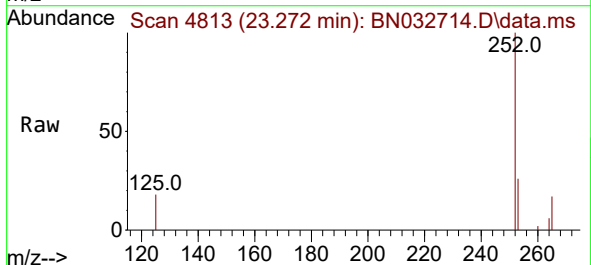


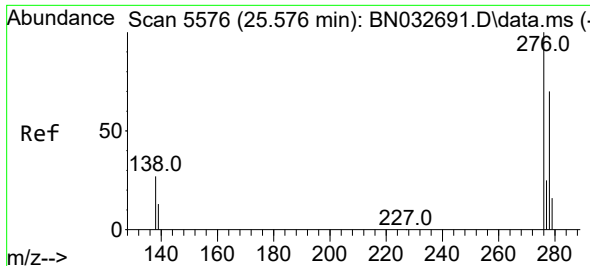
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Ion Ratio Lower Upper
252 100
253 23.5 21.2 31.8
125 13.8 14.8 22.2#



#26
Benzo(a)pyrene
Concen: 0.991 ng/ul
RT: 23.272 min Scan# 4813
Delta R.T. -0.038 min
Lab File: BN032714.D
Acq: 13 Jul 2024 17:33

Tgt Ion:252 Resp: 55160
Ion Ratio Lower Upper
252 100
253 26.4 25.4 38.0
125 18.2 20.6 30.8#

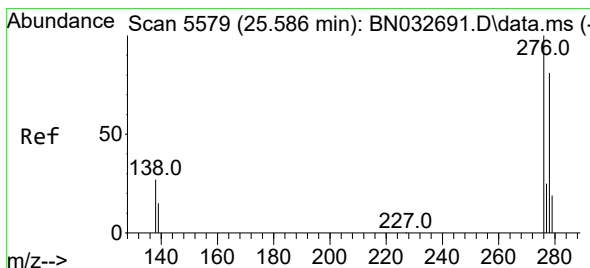
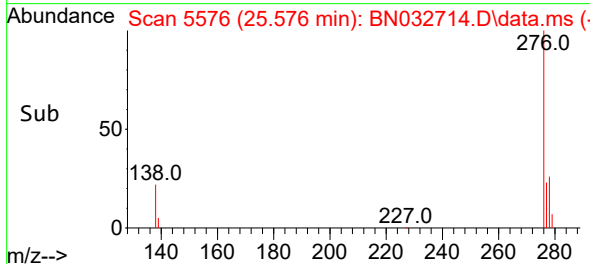
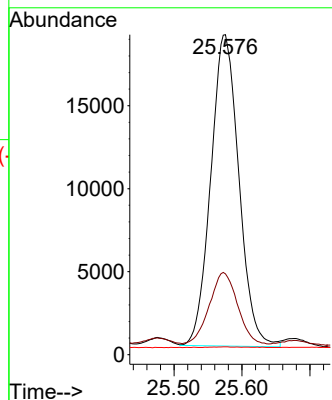
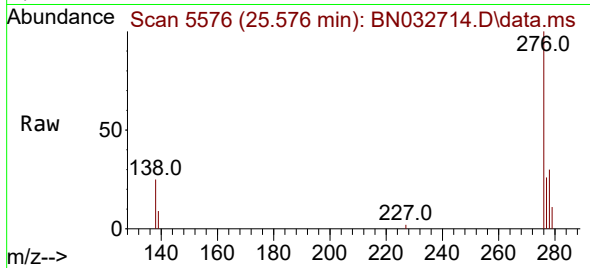




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.717 ng/ul
RT: 25.576 min Scan# 5576
Delta R.T. -0.050 min
Lab File: BN032714.D
Acq: 13 Jul 2024 17:33

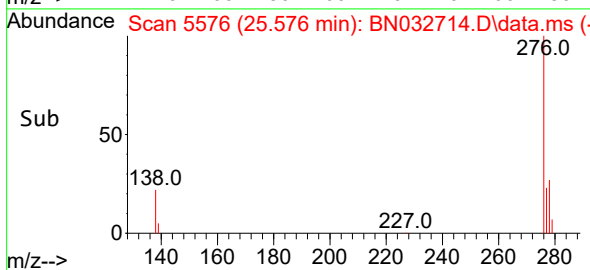
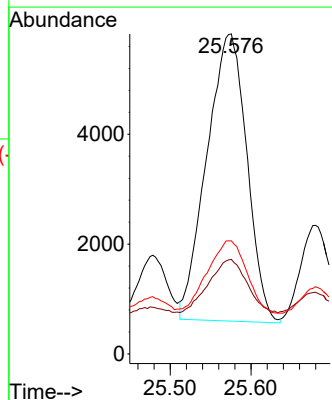
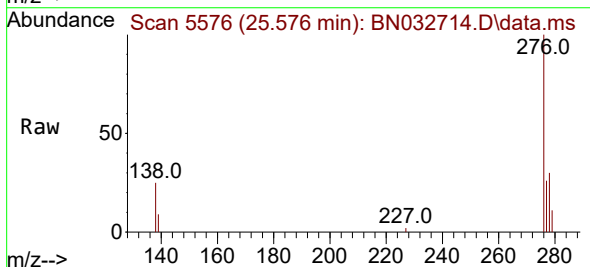
Instrument :
BNA_N
ClientSampleId :
A4CB1DL

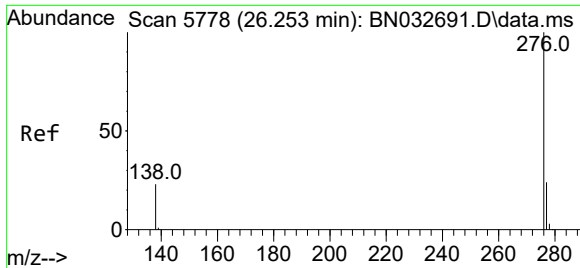
Tgt Ion:276 Resp: 54059
Ion Ratio Lower Upper
276 100
138 23.2 21.6 32.4
227 0.2 0.0 0.0#



#28
Dibenzo(a,h)anthracene
Concen: 0.308 ng/ul
RT: 25.576 min Scan# 5576
Delta R.T. -0.064 min
Lab File: BN032714.D
Acq: 13 Jul 2024 17:33

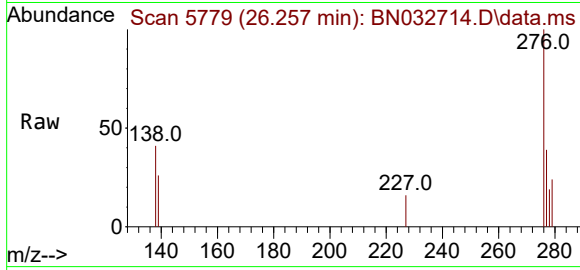
Tgt Ion:278 Resp: 18020
Ion Ratio Lower Upper
278 100
139 29.5 16.6 24.8#
279 35.3 23.7 35.5





#29
 Benzo(g,h,i)perylene
 Concen: 0.130 ng/ul
 RT: 26.257 min Scan# 51
 Delta R.T. -0.044 min
 Lab File: BN032714.D
 Acq: 13 Jul 2024 17:33

Instrument :
 BNA_N
 ClientSampleId :
 A4CB1DL



Tgt Ion: 276 Resp: 8199
 Ion Ratio Lower Upper
 276 100
 138 40.6 21.0 31.4#
 277 38.8 20.6 31.0#

