

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032713.D
 Acq On : 13 Jul 2024 16:56
 Operator : MA/JU
 Sample : P3087-16DL 5X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BR1DL

Quant Time: Jul 15 08:58:09 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)

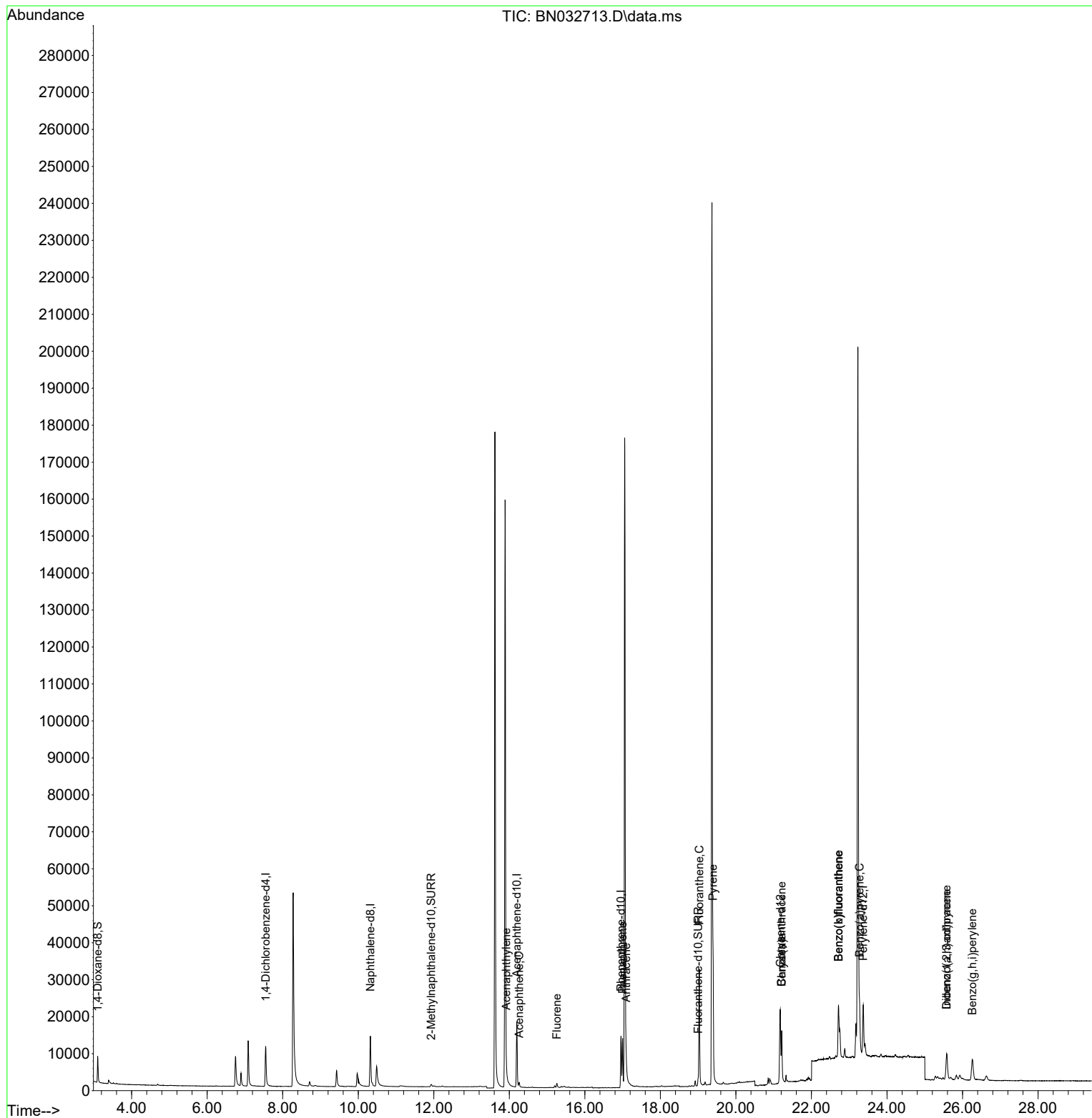
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	6957	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	21177	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.197	164	10725	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.957	188	17823	0.400	ng/ul	-0.03
17) Chrysene-d12	21.176	240	14862	0.400	ng/ul	-0.02
23) Perylene-d12	23.371	264	19999	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	4928	0.590	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.932	152	1464	0.046	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	2543	0.053	ng/ul	-0.03
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.920	152	1925	0.044	ng/ul#	85
11) Acenaphthene	14.262	153	789	0.022	ng/ul	93
12) Fluorene	15.261	166	919	0.022	ng/ul#	95
15) Phenanthrene	16.999	178	14757	0.304	ng/ul	100
16) Anthracene	17.092	178	3182	0.080	ng/ul#	87
19) Fluoranthene	19.031	202	30667	0.508	ng/ul	98
20) Pyrene	19.394	202	27743	0.444	ng/ul	99
21) Benzo(a)anthracene	21.211	228	12798	0.271	ng/ul	91
22) Chrysene	21.211	228	14308	0.209	ng/ul	94
24) Benzo(b)fluoranthene	22.716	252	31437	0.446	ng/ul	88
25) Benzo(k)fluoranthene	22.716	252	25296	0.294	ng/ul#	88
26) Benzo(a)pyrene	23.274	252	15728	0.258	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.579	276	12200	0.148	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.579	278	2736	0.043	ng/ul#	5
29) Benzo(g,h,i)perylene	26.260	276	12351	0.179	ng/ul#	89

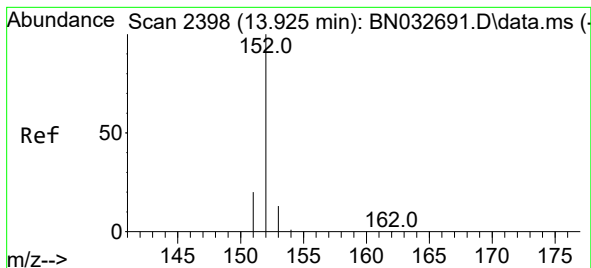
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032713.D
Acq On : 13 Jul 2024 16:56
Operator : MA/JU
Sample : P3087-16DL 5X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR1DL

Quant Time: Jul 15 08:58:09 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





#10

Acenaphthylene

Concen: 0.044 ng/ul

RT: 13.920 min Scan# 21

Delta R.T. -0.023 min

Lab File: BN032713.D

Acq: 13 Jul 2024 16:56

Instrument :

BNA_N

ClientSampleId :

A4BR1DL

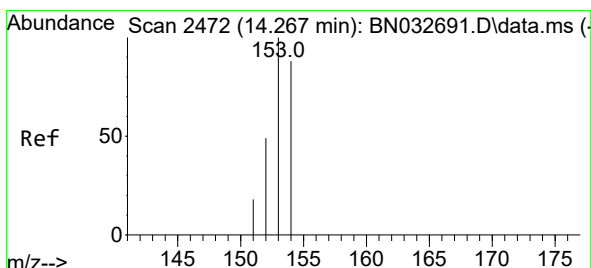
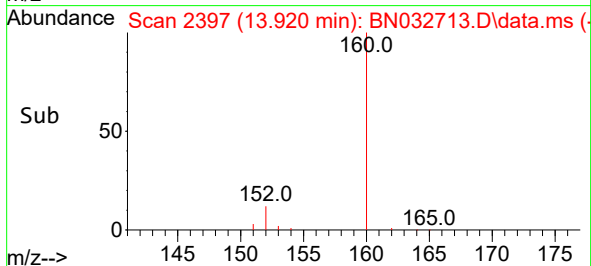
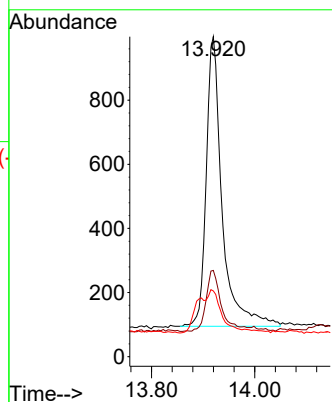
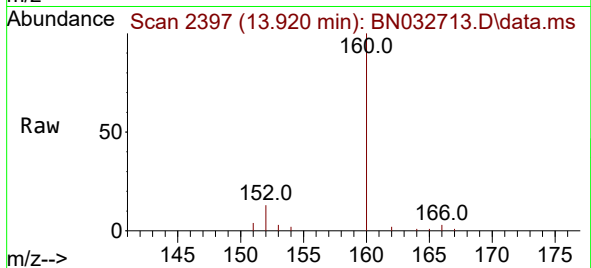
Tgt Ion:152 Resp: 1925

Ion Ratio Lower Upper

152 100

151 27.0 16.3 24.5#

153 20.5 11.3 16.9#



#11

Acenaphthene

Concen: 0.022 ng/ul

RT: 14.262 min Scan# 2471

Delta R.T. -0.019 min

Lab File: BN032713.D

Acq: 13 Jul 2024 16:56

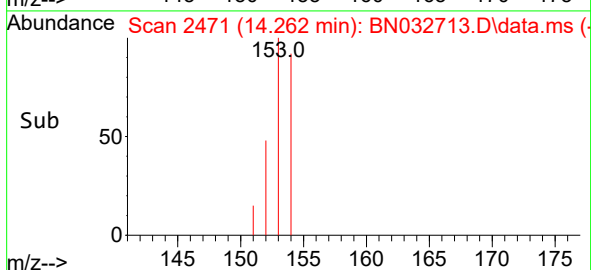
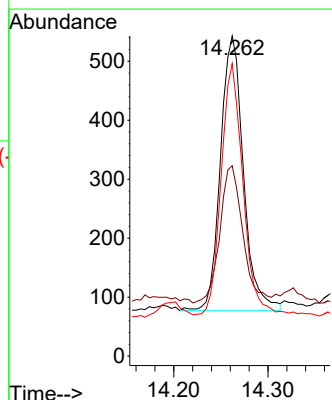
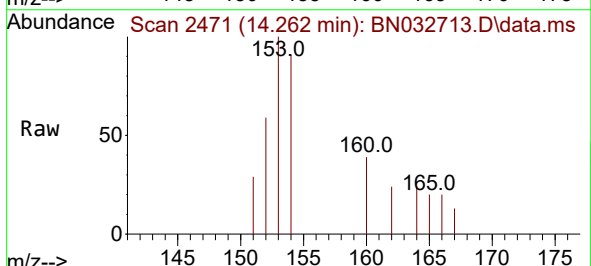
Tgt Ion:153 Resp: 789

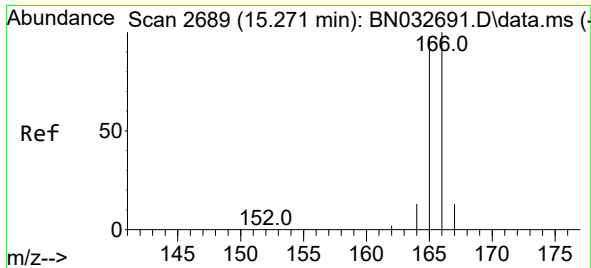
Ion Ratio Lower Upper

153 100

152 59.5 40.0 60.0

154 91.3 70.2 105.4

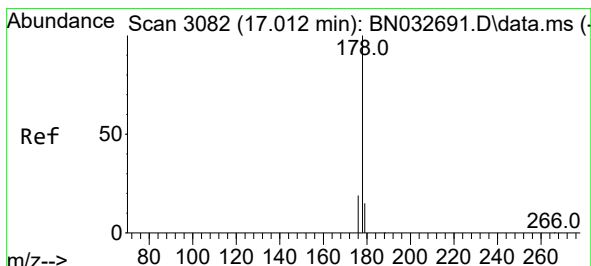
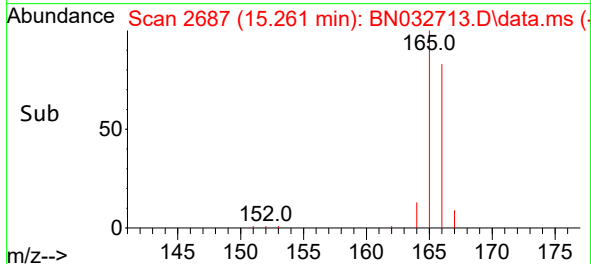
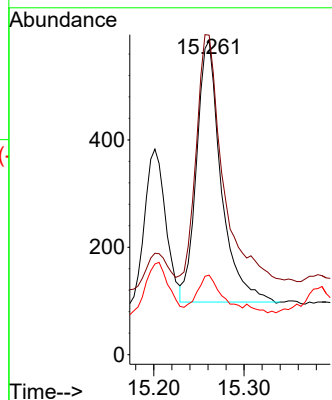
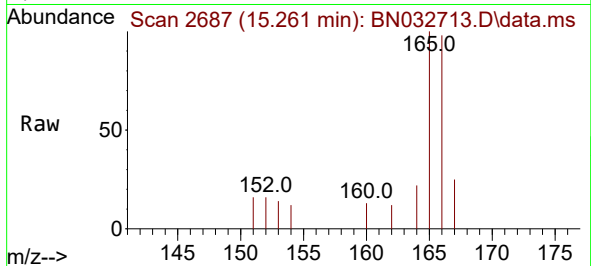




#12
Fluorene
Concen: 0.022 ng/ul
RT: 15.261 min Scan# 20
Delta R.T. -0.028 min
Lab File: BN032713.D
Acq: 13 Jul 2024 16:56

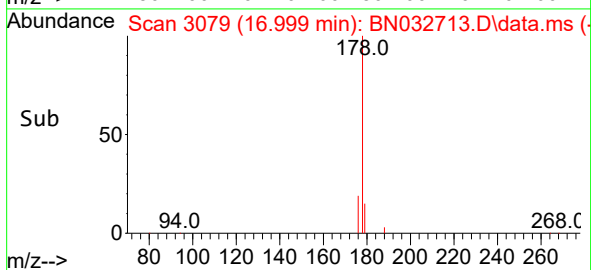
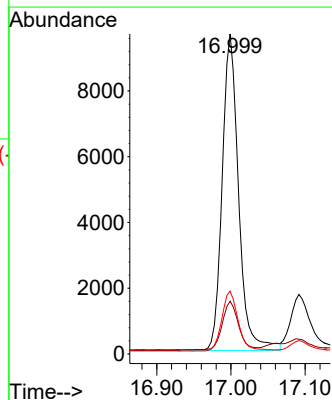
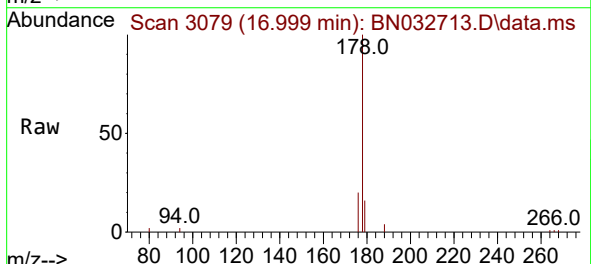
Instrument :
BNA_N
ClientSampleId :
A4BR1DL

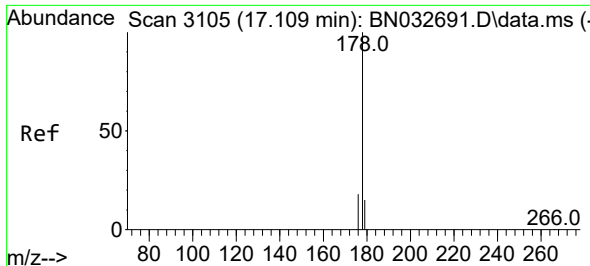
Tgt Ion:166 Resp: 919
Ion Ratio Lower Upper
166 100
165 101.7 79.7 119.5
167 25.3 11.4 17.2#



#15
Phenanthrene
Concen: 0.304 ng/ul
RT: 16.999 min Scan# 3079
Delta R.T. -0.030 min
Lab File: BN032713.D
Acq: 13 Jul 2024 16:56

Tgt Ion:178 Resp: 14757
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.4
176 19.6 15.6 23.4

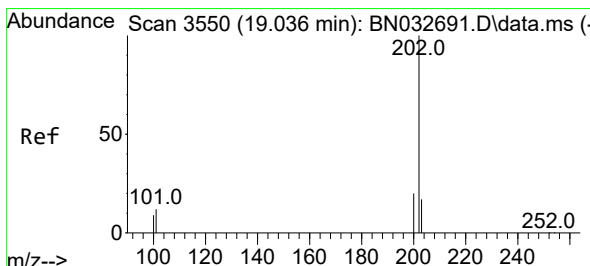
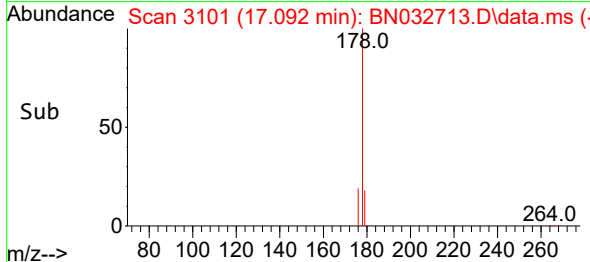
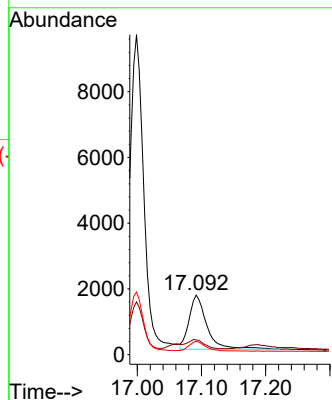
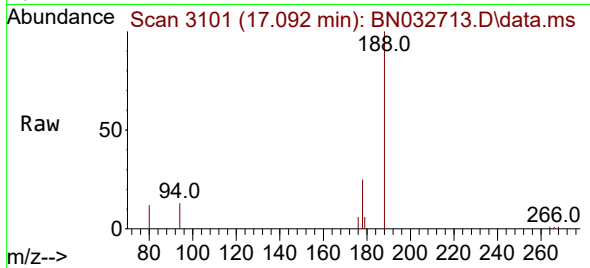




#16
Anthracene
Concen: 0.080 ng/ul
RT: 17.092 min Scan# 3105
Delta R.T. -0.047 min
Lab File: BN032713.D
Acq: 13 Jul 2024 16:56

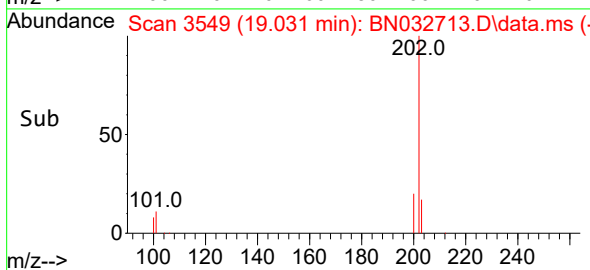
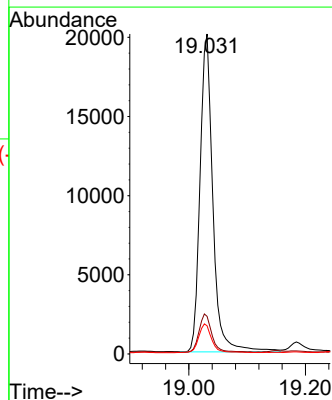
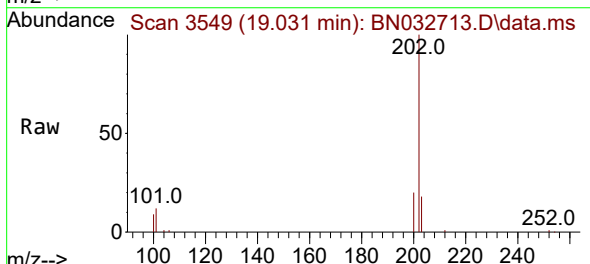
Instrument :
BNA_N
ClientSampleId :
A4BR1DL

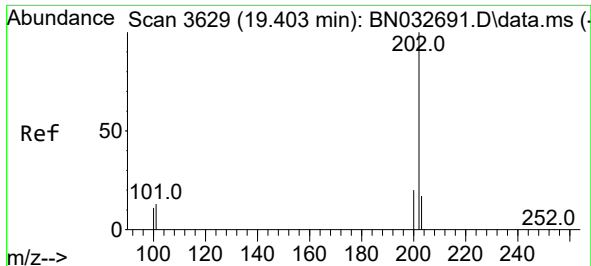
Tgt Ion:178 Resp: 3182
Ion Ratio Lower Upper
178 100
179 24.7 13.4 20.2#
176 22.6 15.4 23.0



#19
Fluoranthene
Concen: 0.508 ng/ul
RT: 19.031 min Scan# 3549
Delta R.T. -0.024 min
Lab File: BN032713.D
Acq: 13 Jul 2024 16:56

Tgt Ion:202 Resp: 30667
Ion Ratio Lower Upper
202 100
101 11.7 9.8 14.8
100 8.8 7.9 11.9

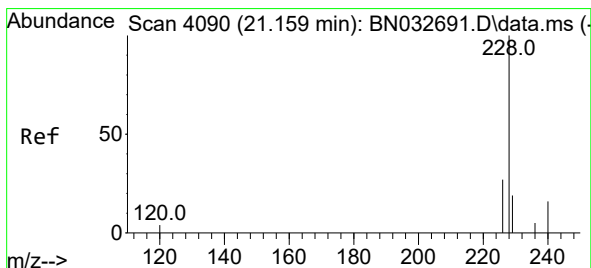
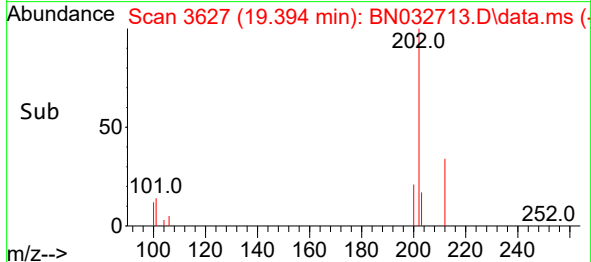
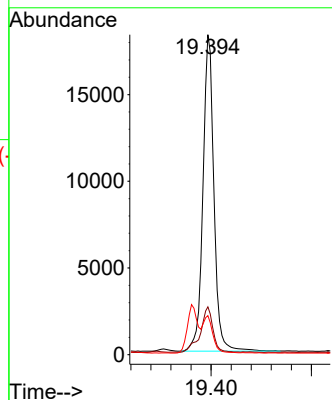
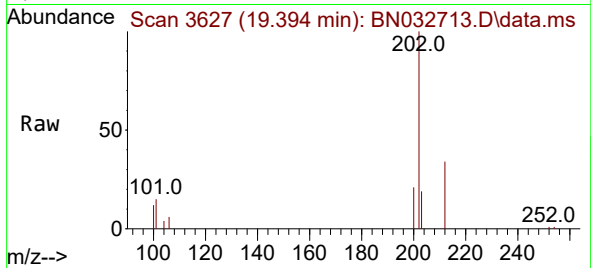




#20
Pyrene
Concen: 0.444 ng/ul
RT: 19.394 min Scan# 30
Delta R.T. -0.028 min
Lab File: BN032713.D
Acq: 13 Jul 2024 16:56

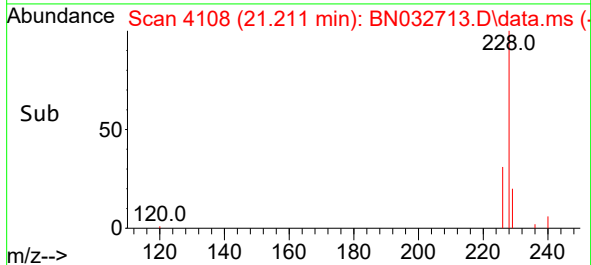
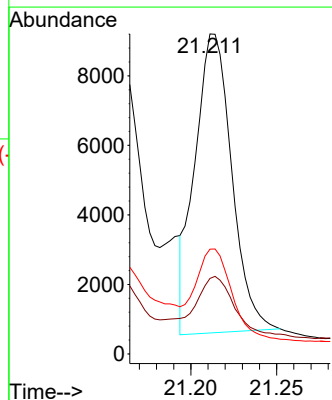
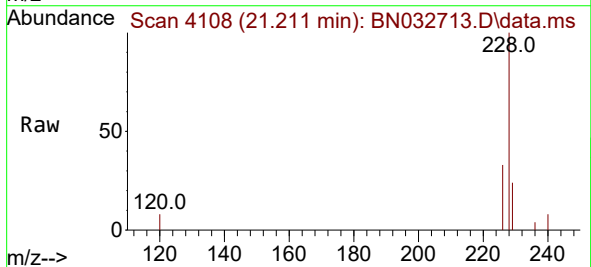
Instrument :
BNA_N
ClientSampleId :
A4BR1DL

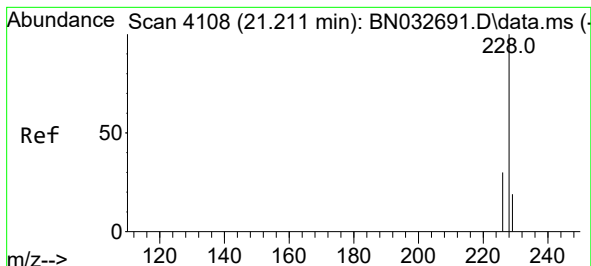
Tgt Ion:202 Resp: 27743
Ion Ratio Lower Upper
202 100
101 15.0 11.8 17.6
100 12.2 9.6 14.4



#21
Benzo(a)anthracene
Concen: 0.271 ng/ul
RT: 21.211 min Scan# 4108
Delta R.T. 0.029 min
Lab File: BN032713.D
Acq: 13 Jul 2024 16:56

Tgt Ion:228 Resp: 12798
Ion Ratio Lower Upper
228 100
229 23.6 16.1 24.1
226 32.7 21.9 32.9





#22

Chrysene

Concen: 0.209 ng/ul

RT: 21.211 min Scan# 4108

Delta R.T. -0.021 min

Lab File: BN032713.D

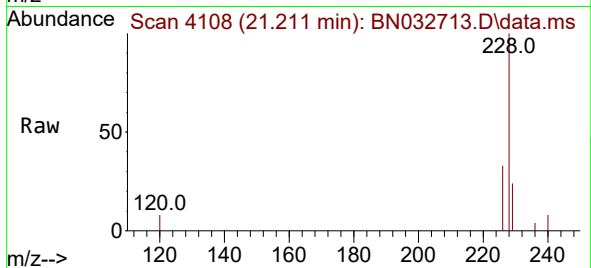
Acq: 13 Jul 2024 16:56

Instrument :

BNA_N

ClientSampleId :

A4BR1DL



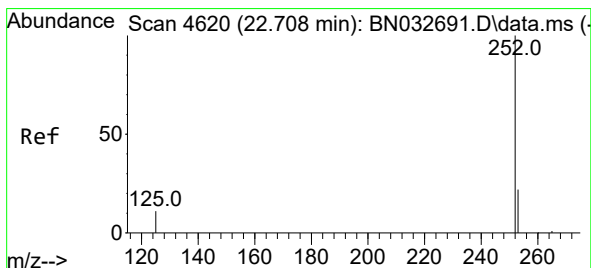
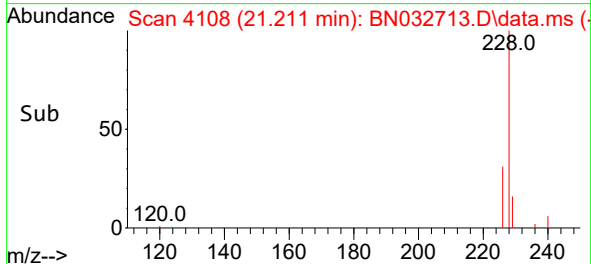
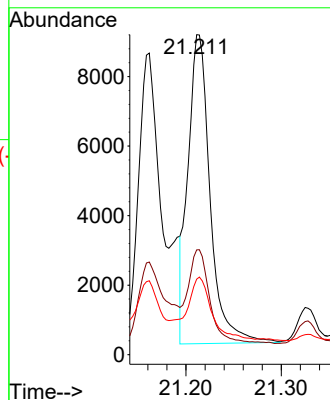
Tgt Ion:228 Resp: 14308

Ion Ratio Lower Upper

228 100

226 32.7 24.0 36.0

229 23.6 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 0.446 ng/ul

RT: 22.716 min Scan# 4623

Delta R.T. -0.018 min

Lab File: BN032713.D

Acq: 13 Jul 2024 16:56

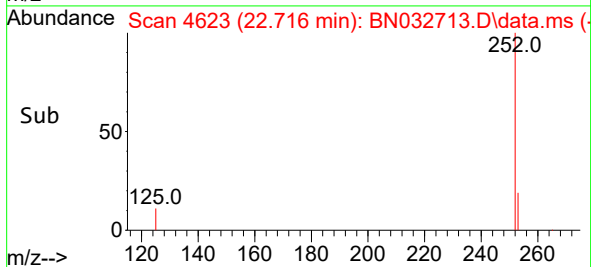
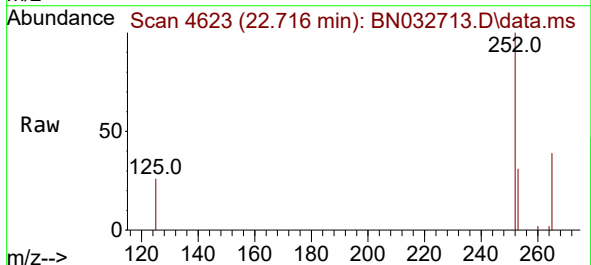
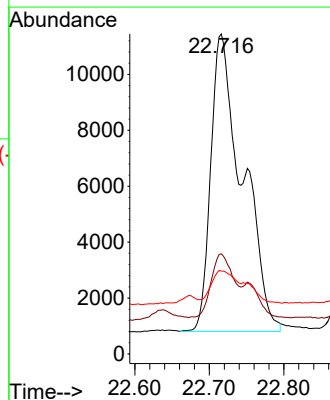
Tgt Ion:252 Resp: 31437

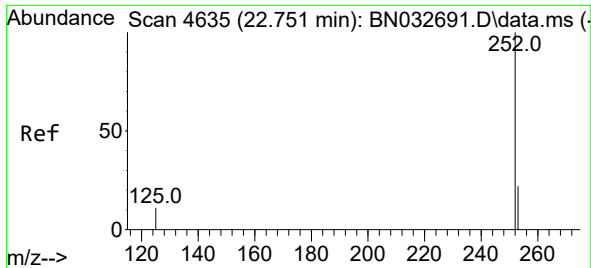
Ion Ratio Lower Upper

252 100

253 31.3 0.0 54.0

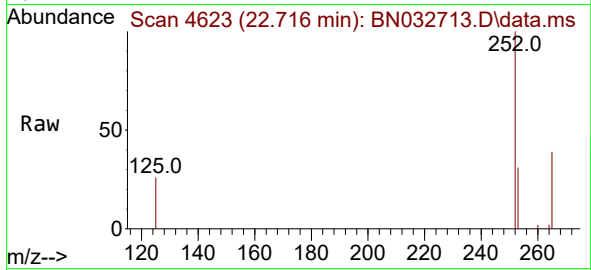
125 25.9 0.0 36.0



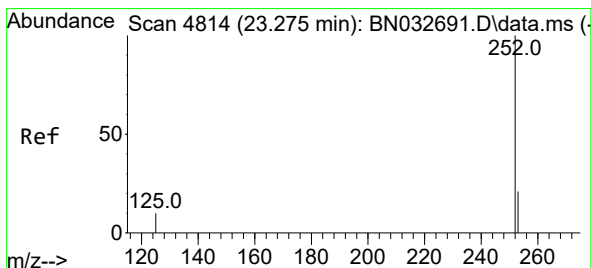
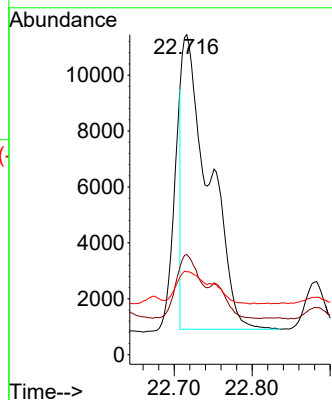


#25
Benzo(k)fluoranthene
Concen: 0.294 ng/ul
RT: 22.716 min Scan# 4623
Delta R.T. -0.062 min
Lab File: BN032713.D
Acq: 13 Jul 2024 16:56

Instrument :
BNA_N
ClientSampleId :
A4BR1DL

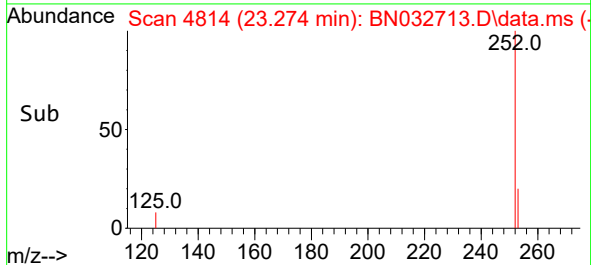
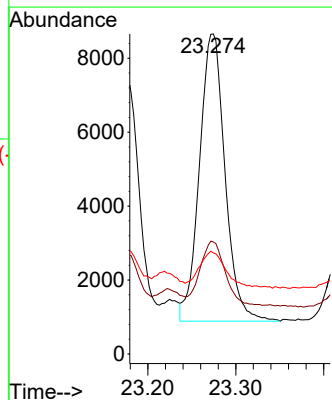
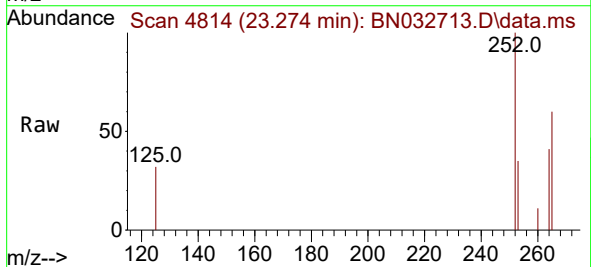


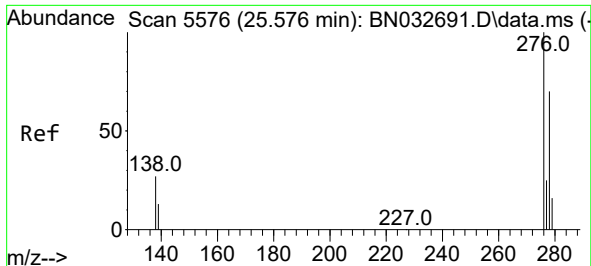
Tgt Ion:252 Resp: 25296
Ion Ratio Lower Upper
252 100
253 31.3 21.2 31.8
125 25.9 14.8 22.2#



#26
Benzo(a)pyrene
Concen: 0.258 ng/ul
RT: 23.274 min Scan# 4814
Delta R.T. -0.035 min
Lab File: BN032713.D
Acq: 13 Jul 2024 16:56

Tgt Ion:252 Resp: 15728
Ion Ratio Lower Upper
252 100
253 35.0 25.4 38.0
125 31.6 20.6 30.8#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.148 ng/ul

RT: 25.579 min Scan# 5576

Delta R.T. -0.047 min

Lab File: BN032713.D

Acq: 13 Jul 2024 16:56

Instrument :

BNA_N

ClientSampleId :

A4BR1DL

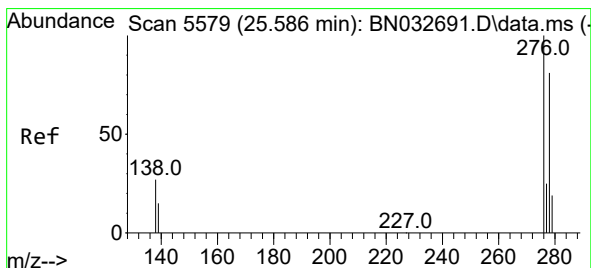
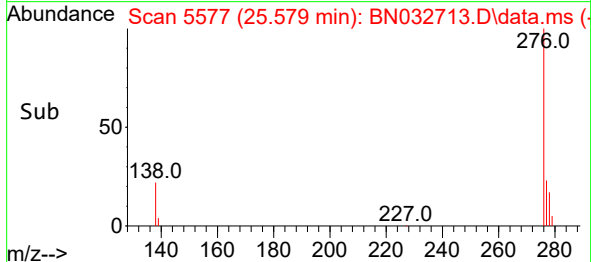
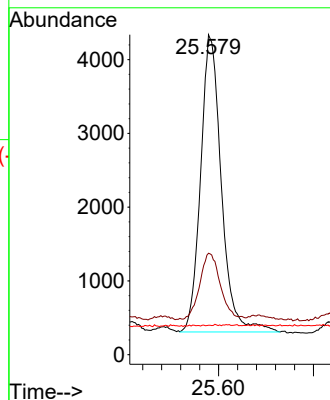
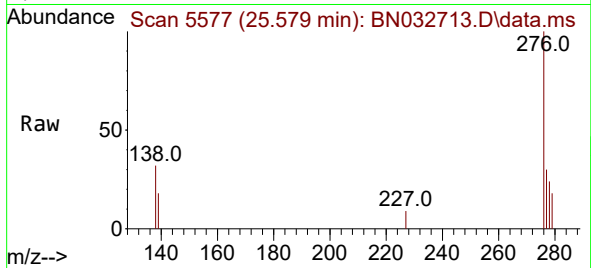
Tgt Ion:276 Resp: 12200

Ion Ratio Lower Upper

276 100

138 22.6 21.6 32.4

227 0.1 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.043 ng/ul

RT: 25.579 min Scan# 5577

Delta R.T. -0.061 min

Lab File: BN032713.D

Acq: 13 Jul 2024 16:56

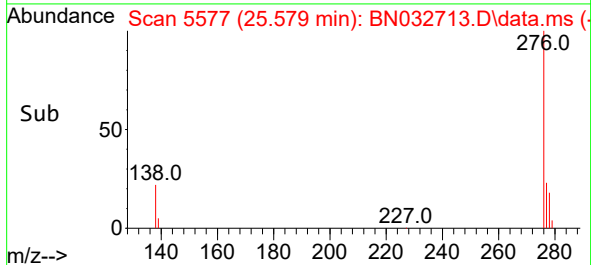
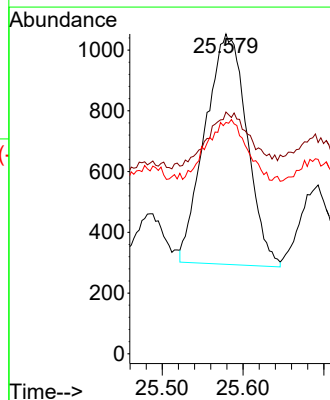
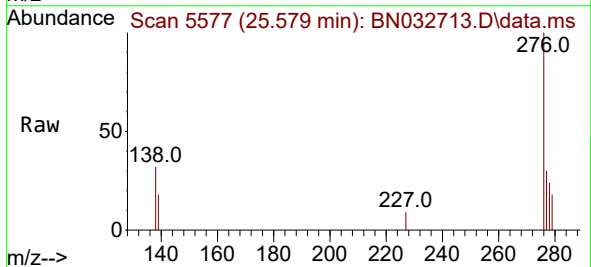
Tgt Ion:278 Resp: 2736

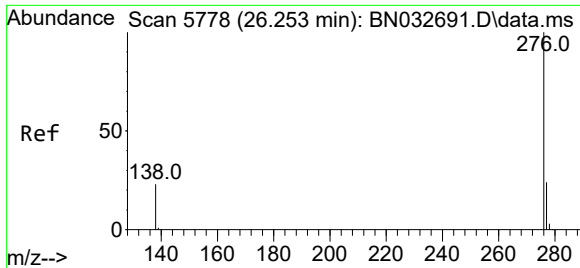
Ion Ratio Lower Upper

278 100

139 75.6 16.6 24.8#

279 72.4 23.7 35.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.179 ng/ul
 RT: 26.260 min Scan# 51
 Delta R.T. -0.041 min
 Lab File: BN032713.D
 Acq: 13 Jul 2024 16:56

Instrument :
 BNA_N
 ClientSampleId :
 A4BR1DL

Tgt Ion:276 Resp: 12351
 Ion Ratio Lower Upper
 276 100
 138 32.6 21.0 31.4#
 277 31.0 20.6 31.0#

