

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032413.D
 Acq On : 02 Jul 2024 22:36
 Operator : MA/JU
 Sample : P2871-09DL 5X
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C58DL

Quant Time: Jul 02 23:56:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

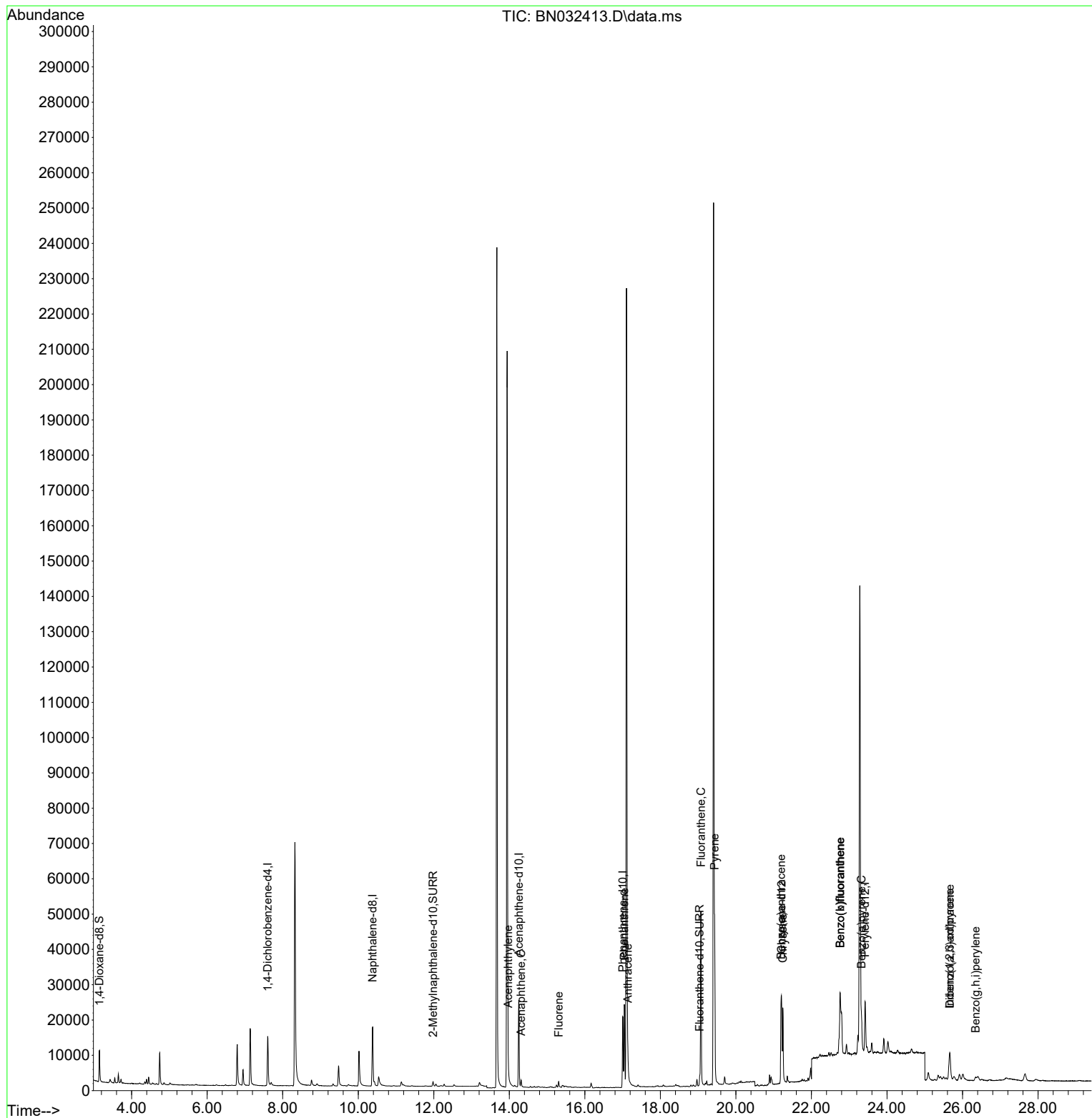
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	7929	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.382	136	25443	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	14418	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.007	188	24837	0.400	ng/ul	-0.02
17) Chrysene-d12	21.208	240	16982	0.400	ng/ul	-0.02
23) Perylene-d12	23.421	264	20587	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	6597	0.749	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	2137	0.056	ng/ul	-0.02
18) Fluoranthene-d10	19.041	212	3324	0.065	ng/ul	-0.02
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.971	152	2169	0.036	ng/ul#	86
11) Acenaphthene	14.313	153	1173	0.025	ng/ul	98
12) Fluorene	15.308	166	1186	0.021	ng/ul#	93
15) Phenanthrene	17.045	178	26175	0.384	ng/ul	100
16) Anthracene	17.138	178	4329	0.071	ng/ul#	91
19) Fluoranthene	19.073	202	44697	0.691	ng/ul	98
20) Pyrene	19.436	202	36843	0.545	ng/ul	98
21) Benzo(a)anthracene	21.194	228	20070	0.327	ng/ul	95
22) Chrysene	21.244	228	20495	0.305	ng/ul	95
24) Benzo(b)fluoranthene	22.760	252	40160	0.449	ng/ul	86
25) Benzo(k)fluoranthene	22.760	252	32640	0.376	ng/ul#	86
26) Benzo(a)pyrene	23.324	252	12413	0.199	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.660	276	12287	0.126	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.663	278	3700	0.051	ng/ul#	1
29) Benzo(g,h,i)perylene	26.344	276	2293	0.030	ng/ul#	17

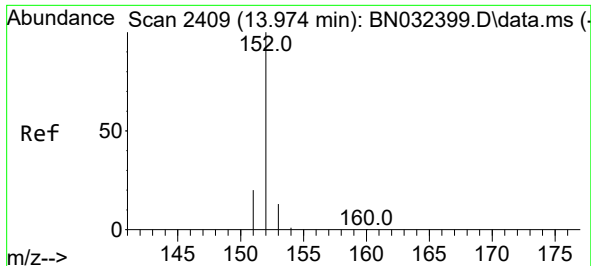
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032413.D
Acq On : 02 Jul 2024 22:36
Operator : MA/JU
Sample : P2871-09DL 5X
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C58DL

Quant Time: Jul 02 23:56:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

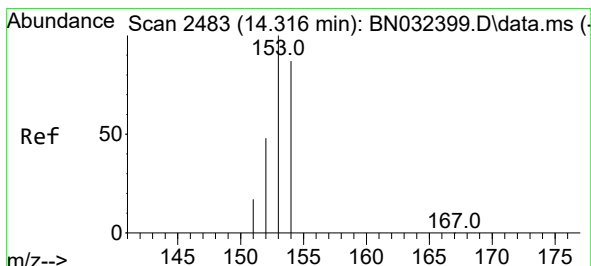
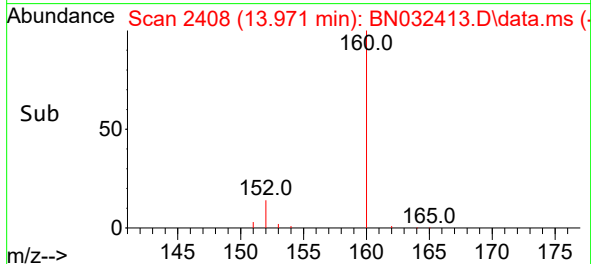
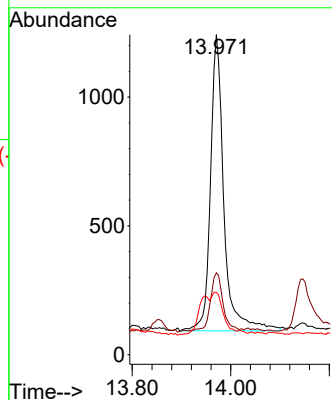
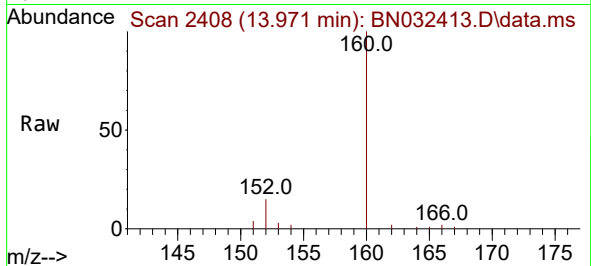




#10
Acenaphthylene
Concen: 0.036 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. -0.019 min
Lab File: BN032413.D
Acq: 02 Jul 2024 22:36

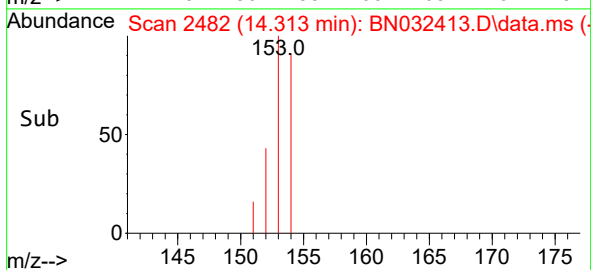
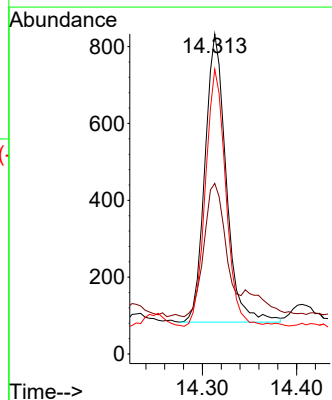
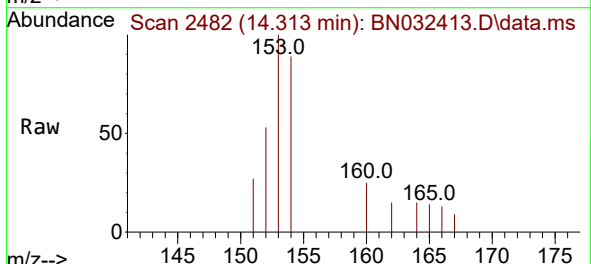
Instrument :
BNA_N
ClientSampleId :
A4C58DL

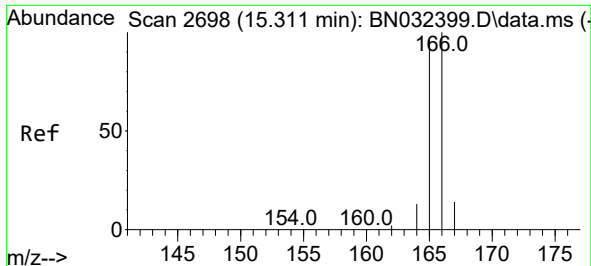
Tgt Ion:152 Resp: 2169
Ion Ratio Lower Upper
152 100
151 25.6 15.7 23.5#
153 19.5 10.9 16.3#



#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. -0.019 min
Lab File: BN032413.D
Acq: 02 Jul 2024 22:36

Tgt Ion:153 Resp: 1173
Ion Ratio Lower Upper
153 100
152 53.3 39.5 59.3
154 89.0 71.7 107.5

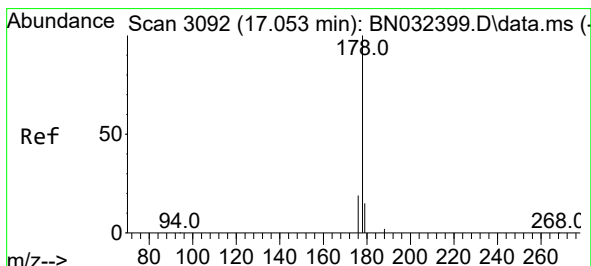
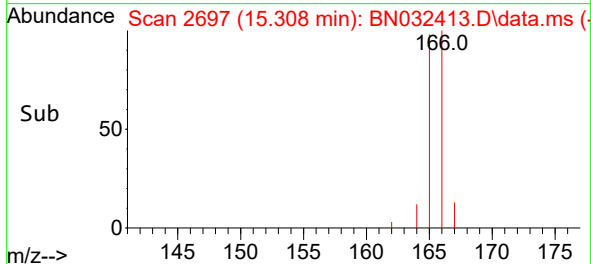
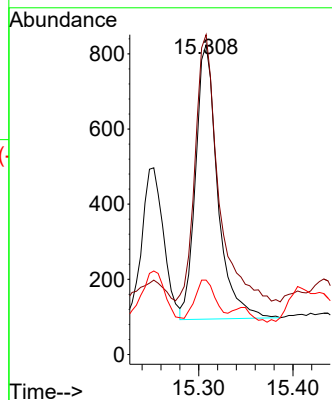
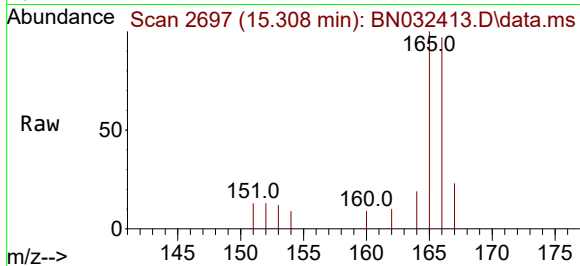




#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.308 min Scan# 20
Delta R.T. -0.019 min
Lab File: BN032413.D
Acq: 02 Jul 2024 22:36

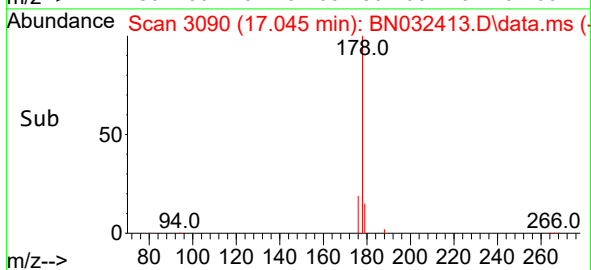
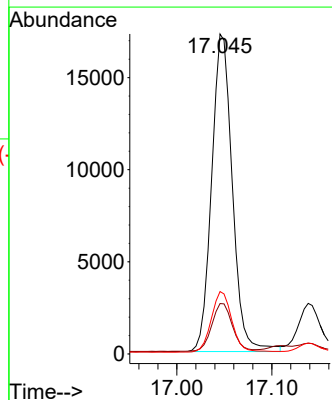
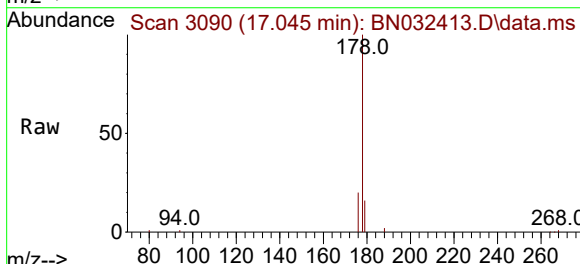
Instrument :
BNA_N
ClientSampleId :
A4C58DL

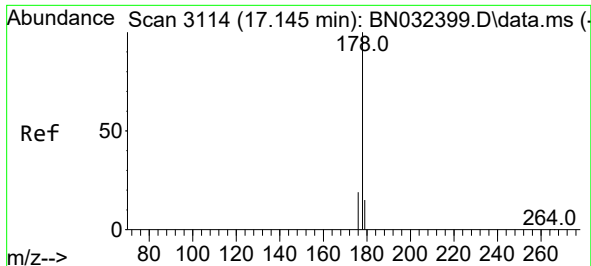
Tgt Ion:166 Resp: 1186
Ion Ratio Lower Upper
166 100
165 103.3 79.0 118.6
167 24.0 11.0 16.6#



#15
Phenanthrene
Concen: 0.384 ng/ul
RT: 17.045 min Scan# 3090
Delta R.T. -0.021 min
Lab File: BN032413.D
Acq: 02 Jul 2024 22:36

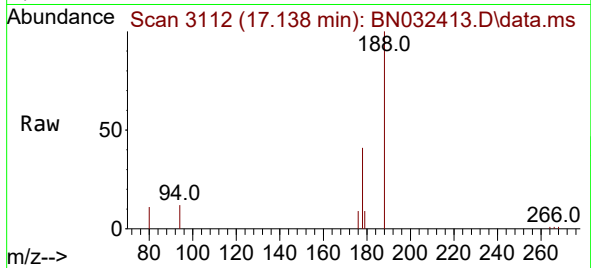
Tgt Ion:178 Resp: 26175
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.5 15.6 23.4



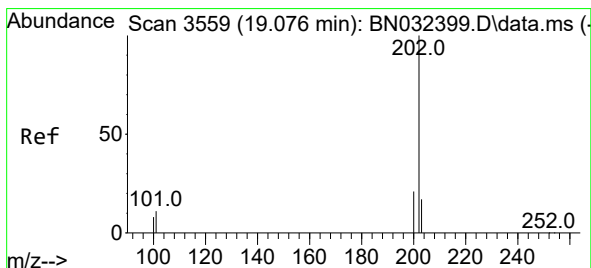
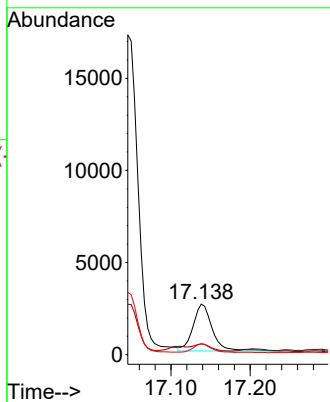
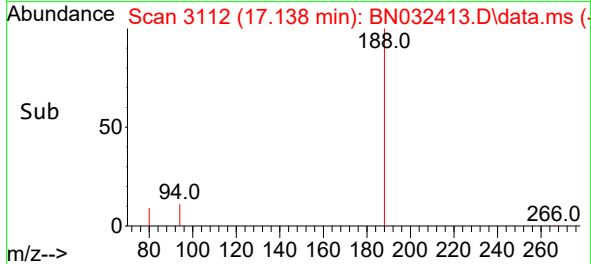


#16
Anthracene
Concen: 0.071 ng/ul
RT: 17.138 min Scan# 3112
Delta R.T. -0.021 min
Lab File: BN032413.D
Acq: 02 Jul 2024 22:36

Instrument :
BNA_N
ClientSampleId :
A4C58DL

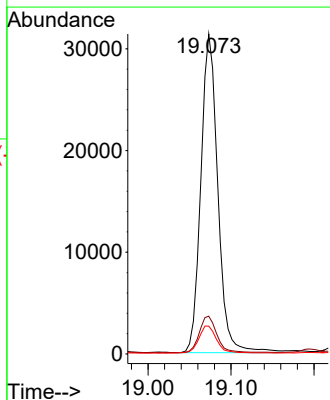
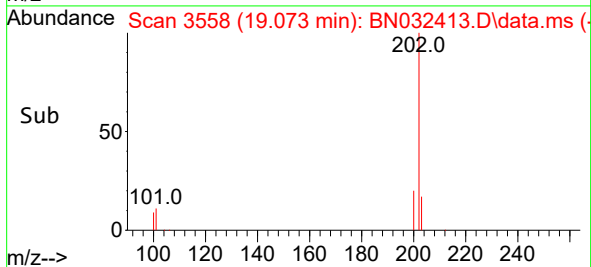
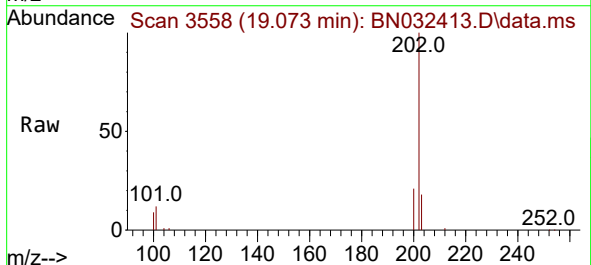


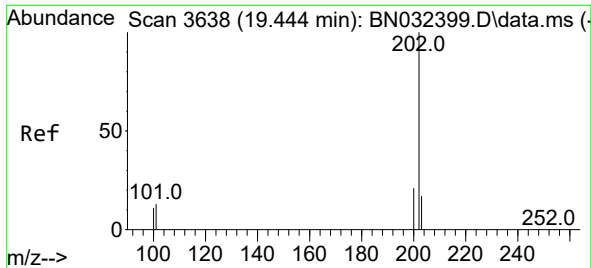
Tgt Ion:178 Resp: 4329
Ion Ratio Lower Upper
178 100
179 21.2 12.5 18.7#
176 21.5 15.0 22.6



#19
Fluoranthene
Concen: 0.691 ng/ul
RT: 19.073 min Scan# 3558
Delta R.T. -0.019 min
Lab File: BN032413.D
Acq: 02 Jul 2024 22:36

Tgt Ion:202 Resp: 44697
Ion Ratio Lower Upper
202 100
101 11.8 8.8 13.2
100 8.7 6.4 9.6

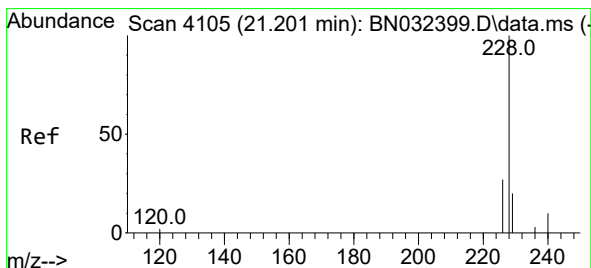
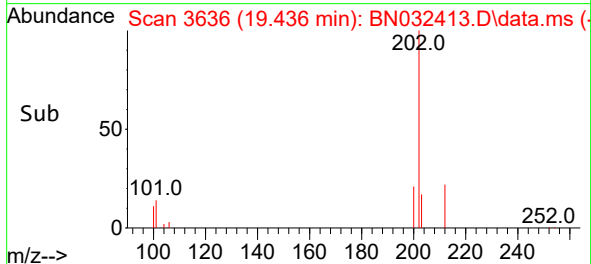
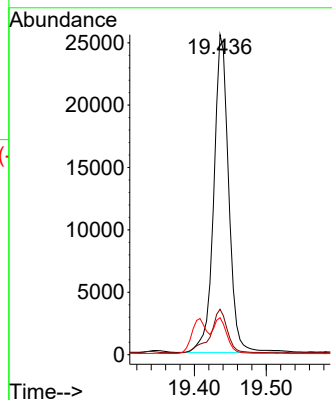
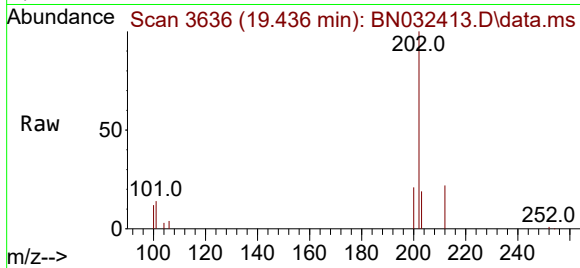




#20
Pyrene
Concen: 0.545 ng/ul
RT: 19.436 min Scan# 3636
Delta R.T. -0.019 min
Lab File: BN032413.D
Acq: 02 Jul 2024 22:36

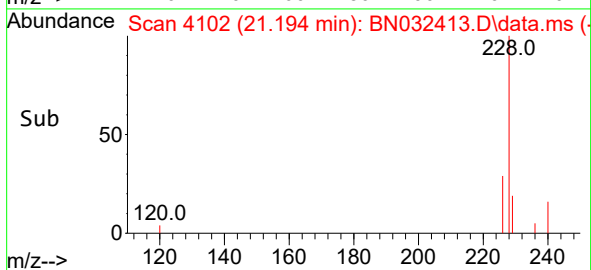
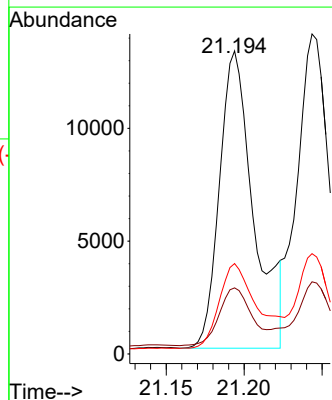
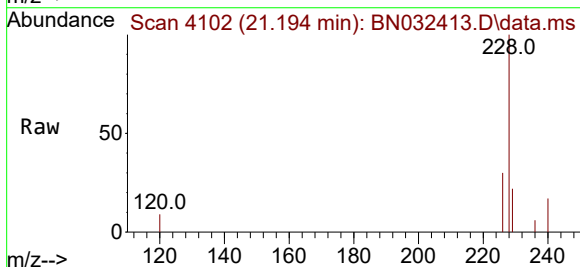
Instrument :
BNA_N
ClientSampleId :
A4C58DL

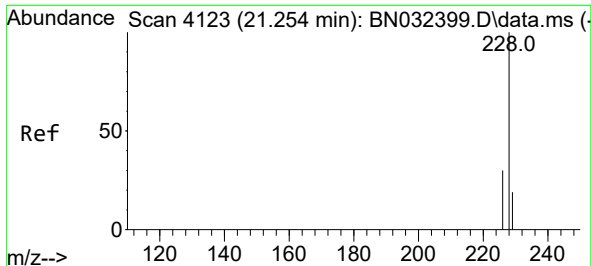
Tgt Ion:202 Resp: 36843
Ion Ratio Lower Upper
202 100
101 14.2 11.0 16.4
100 11.6 8.7 13.1



#21
Benzo(a)anthracene
Concen: 0.327 ng/ul
RT: 21.194 min Scan# 4102
Delta R.T. -0.021 min
Lab File: BN032413.D
Acq: 02 Jul 2024 22:36

Tgt Ion:228 Resp: 20070
Ion Ratio Lower Upper
228 100
229 21.8 15.7 23.5
226 29.8 21.8 32.8





#22

Chrysene

Concen: 0.305 ng/ul

RT: 21.244 min Scan# 4119

Delta R.T. -0.024 min

Lab File: BN032413.D

Acq: 02 Jul 2024 22:36

Instrument :

BNA_N

ClientSampleId :

A4C58DL

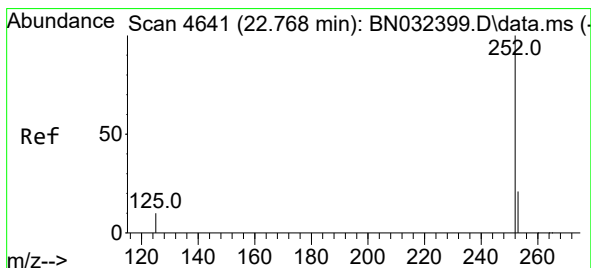
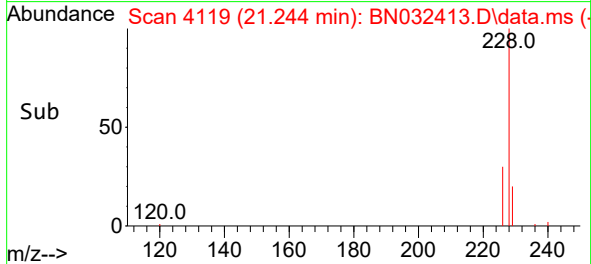
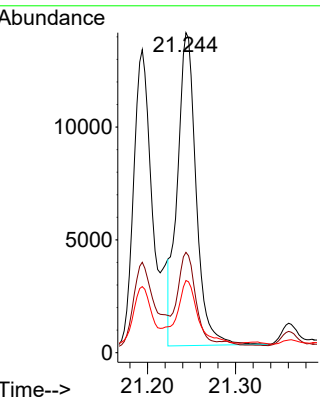
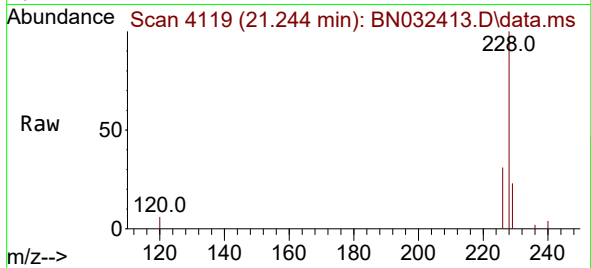
Tgt Ion:228 Resp: 20495

Ion Ratio Lower Upper

228 100

226 31.3 23.6 35.4

229 22.5 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 0.449 ng/ul

RT: 22.760 min Scan# 4638

Delta R.T. -0.024 min

Lab File: BN032413.D

Acq: 02 Jul 2024 22:36

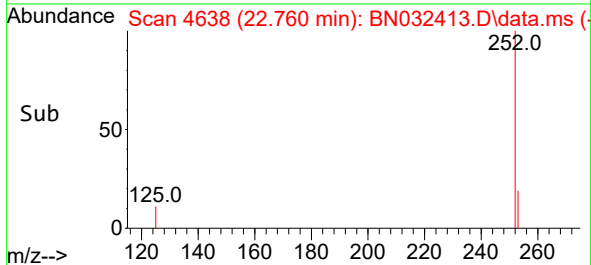
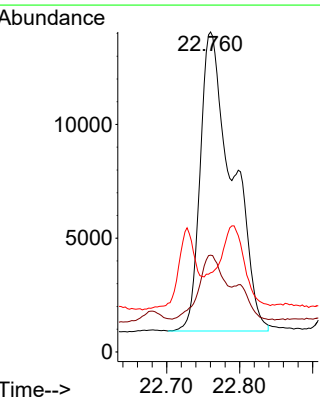
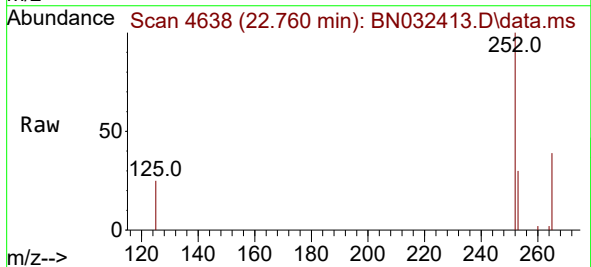
Tgt Ion:252 Resp: 40160

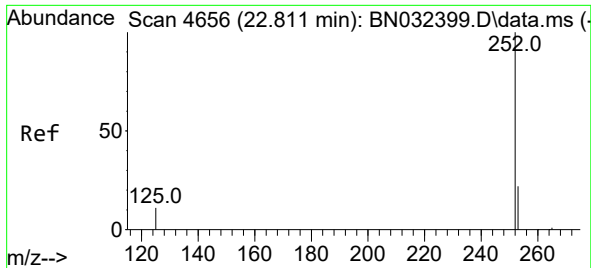
Ion Ratio Lower Upper

252 100

253 30.3 0.0 50.2

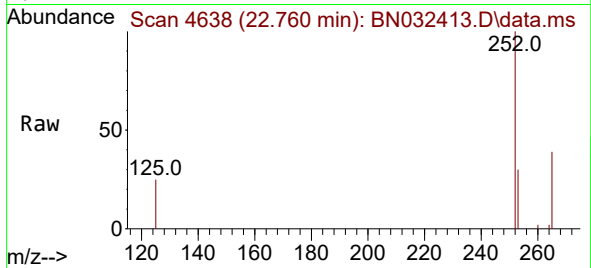
125 24.8 0.0 32.0



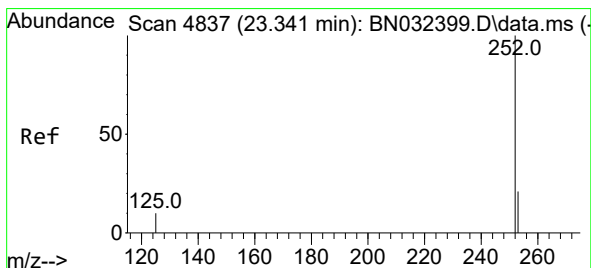
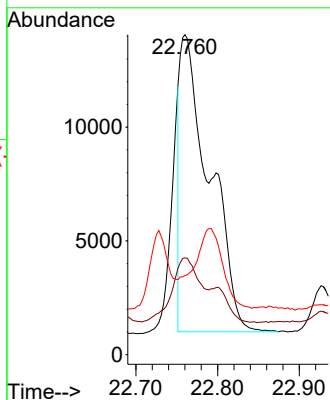


#25
Benzo(k)fluoranthene
Concen: 0.376 ng/ul
RT: 22.760 min Scan# 4638
Delta R.T. -0.067 min
Lab File: BN032413.D
Acq: 02 Jul 2024 22:36

Instrument :
BNA_N
ClientSampleId :
A4C58DL

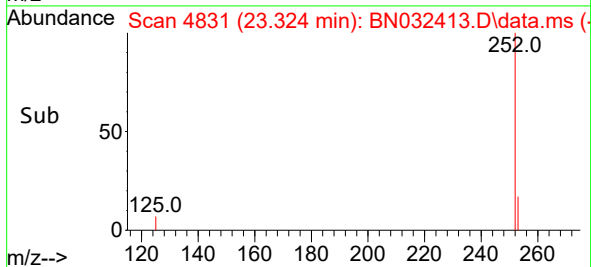
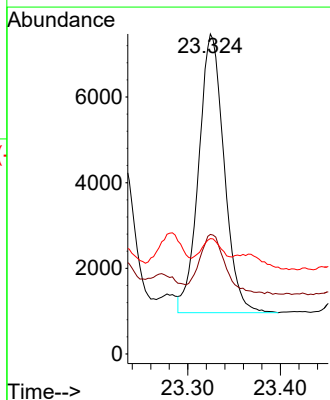
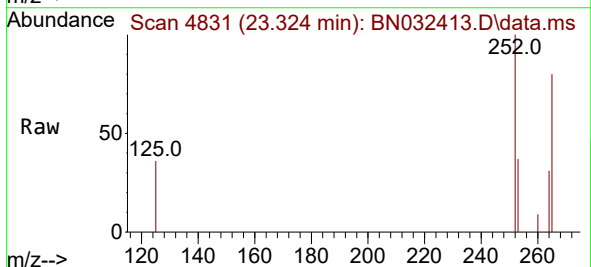


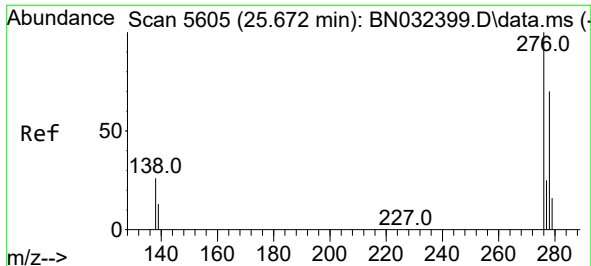
Tgt Ion:252 Resp: 32640
Ion Ratio Lower Upper
252 100
253 30.3 20.3 30.5
125 24.8 12.8 19.2#



#26
Benzo(a)pyrene
Concen: 0.199 ng/ul
RT: 23.324 min Scan# 4831
Delta R.T. -0.035 min
Lab File: BN032413.D
Acq: 02 Jul 2024 22:36

Tgt Ion:252 Resp: 12413
Ion Ratio Lower Upper
252 100
253 37.3 22.2 33.2#
125 36.1 16.4 24.6#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.126 ng/ul

RT: 25.660 min Scan# 5601

Delta R.T. -0.040 min

Lab File: BN032413.D

Acq: 02 Jul 2024 22:36

Instrument :

BNA_N

ClientSampleId :

A4C58DL

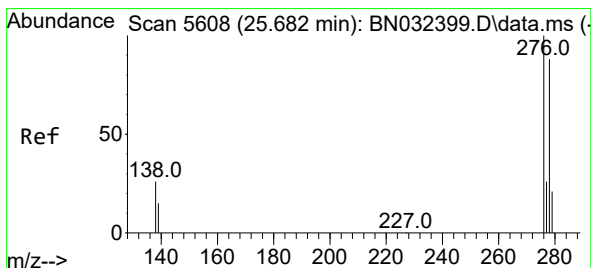
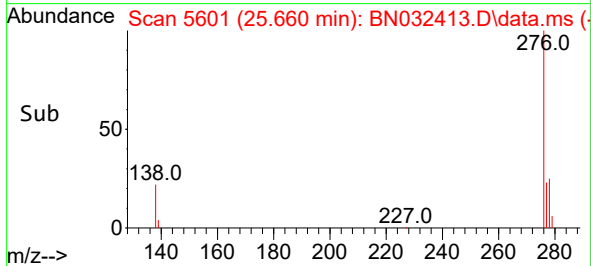
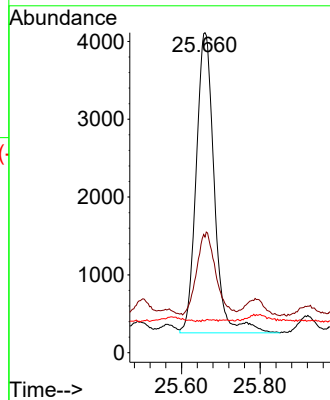
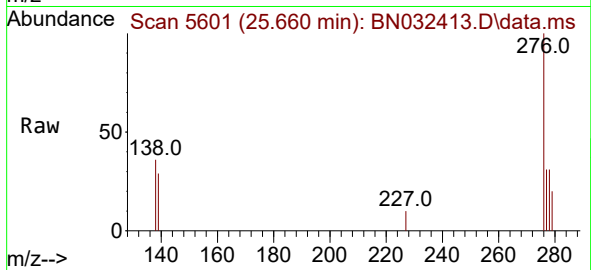
Tgt Ion:276 Resp: 12287

Ion Ratio Lower Upper

276 100

138 29.1 21.3 31.9

227 0.4 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.051 ng/ul

RT: 25.663 min Scan# 5602

Delta R.T. -0.047 min

Lab File: BN032413.D

Acq: 02 Jul 2024 22:36

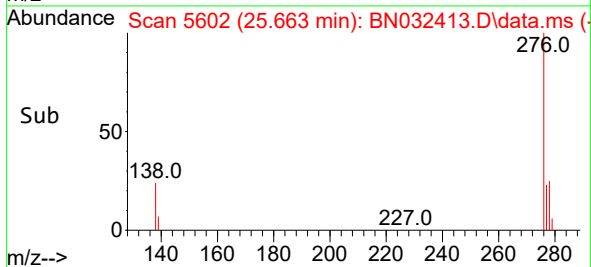
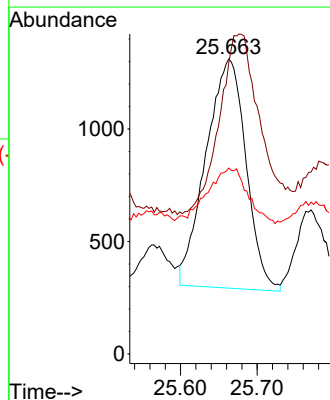
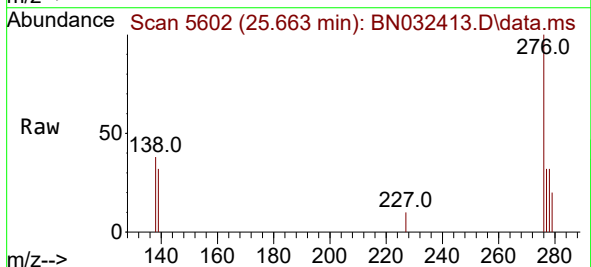
Tgt Ion:278 Resp: 3700

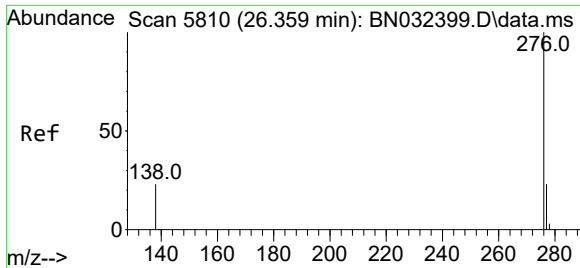
Ion Ratio Lower Upper

278 100

139 98.6 15.9 23.9#

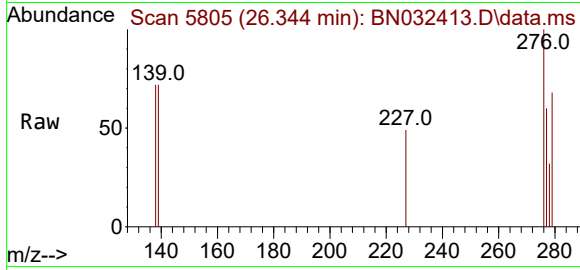
279 63.1 21.1 31.7#





#29
 Benzo(g,h,i)perylene
 Concen: 0.030 ng/ul
 RT: 26.344 min Scan# 5805
 Delta R.T. -0.037 min
 Lab File: BN032413.D
 Acq: 02 Jul 2024 22:36

Instrument :
 BNA_N
 ClientSampleId :
 A4C58DL



Tgt Ion:	276	Resp:	2293
Ion	Ratio	Lower	Upper
276	100		
138	72.4	19.8	29.6#
277	60.0	19.8	29.6#

