

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032445.D
 Acq On : 03 Jul 2024 20:35
 Operator : MA/JU
 Sample : P2963-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ9

Quant Time: Jul 03 23:50:01 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 : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

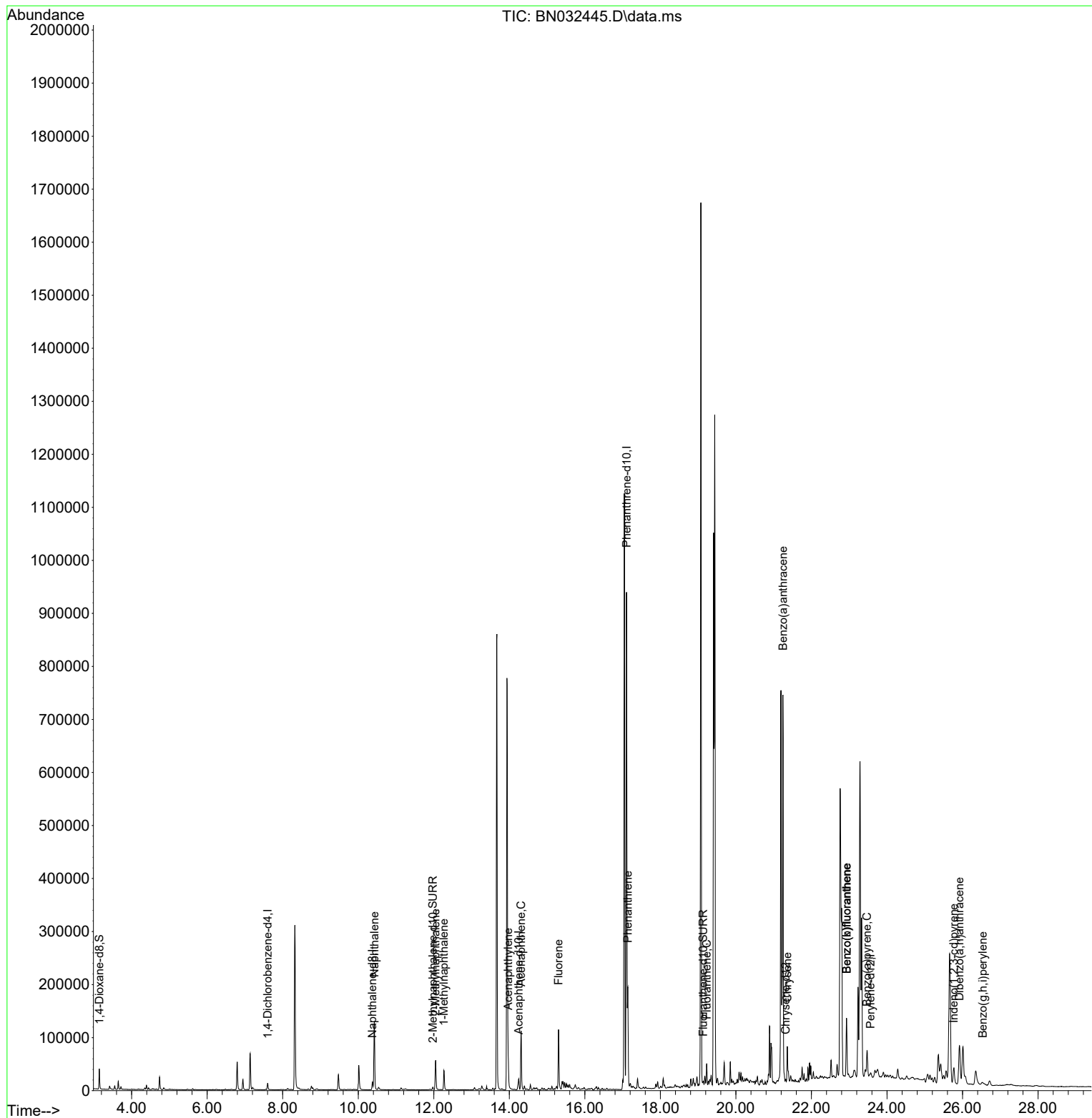
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	6633	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	19832	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.248	164	11436	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.105	188	1079967	0.400	ng/ul	0.10
17) Chrysene-d12	21.320	240	129	0.400	ng/ul #	0.11
23) Perylene-d12	23.564	264	3818	0.400	ng/ul #	0.14
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	25932	3.517	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	7210	0.242	ng/ul	0.00
18) Fluoranthene-d10	19.134	212	595	1.533	ng/ul	0.09
Target Compounds						Qvalue
5) Naphthalene	10.426	128	178642	3.404	ng/ul	99
7) 2-Methylnaphthalene	12.048	142	43453	1.249	ng/ul	98
8) 1-Methylnaphthalene	12.268	142	27078	0.751	ng/ul	100
10) Acenaphthylene	13.971	152	68861	1.448	ng/ul	99
11) Acenaphthene	14.313	153	66590	1.804	ng/ul	98
12) Fluorene	15.303	166	74298	1.689	ng/ul	99
15) Phenanthrene	17.138	178	200389	0.068	ng/ul	98
19) Fluoranthene	19.227	202	31294	63.706	ng/ul#	95
21) Benzo(a)anthracene	21.247	228	695829	1494.484	ng/ul	94
22) Chrysene	21.360	228	60539	118.465	ng/ul#	51
24) Benzo(b)fluoranthene	22.930	252	136102	8.205	ng/ul	88
25) Benzo(k)fluoranthene	22.930	252	142647	8.851	ng/ul#	89
26) Benzo(a)pyrene	23.471	252	50229	4.352	ng/ul#	61
27) Indeno(1,2,3-cd)pyrene	25.770	276	11129	0.616	ng/ul#	31
28) Dibenzo(a,h)anthracene	25.918	278	107559	8.011	ng/ul	94
29) Benzo(g,h,i)perylene	26.538	276	5212	0.362	ng/ul#	1

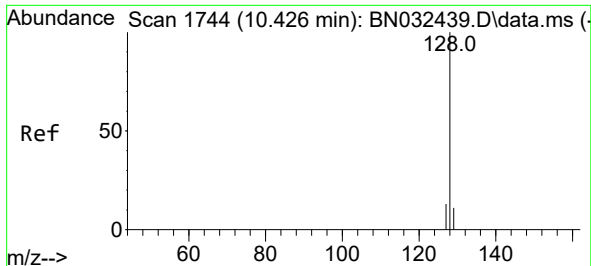
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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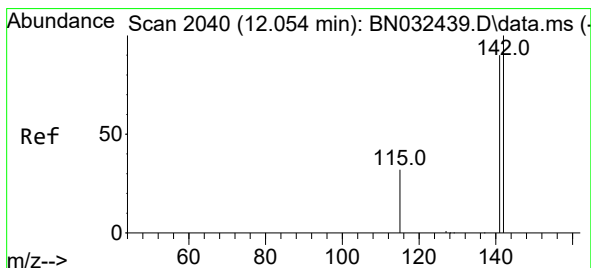
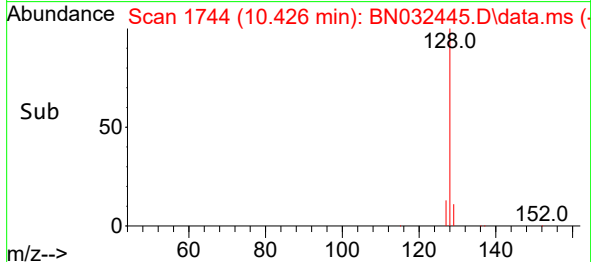
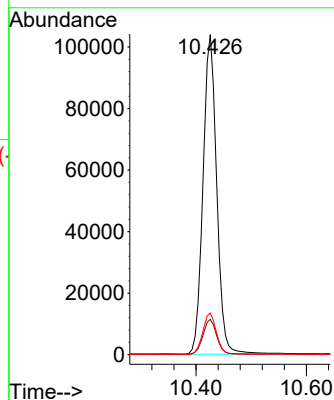
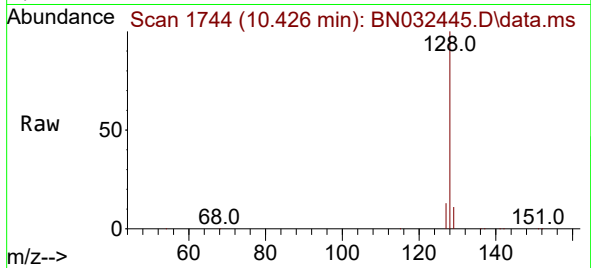




#5
Naphthalene
Concen: 3.404 ng/ul
RT: 10.426 min Scan# 1744
Delta R.T. -0.005 min
Lab File: BN032445.D
Acq: 03 Jul 2024 20:35

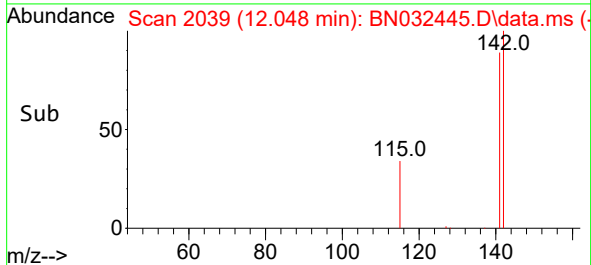
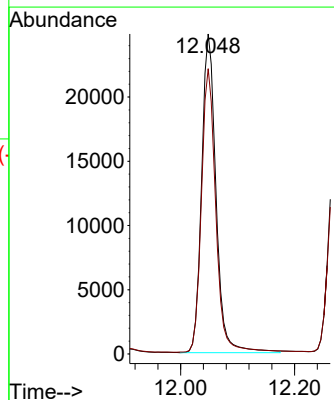
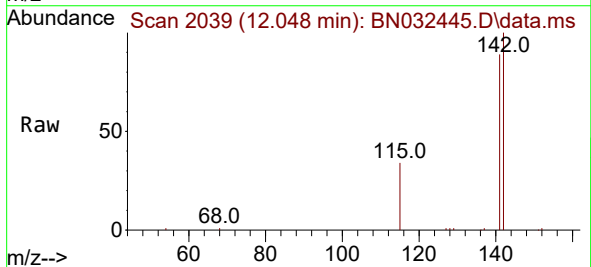
Instrument :
BNA_N
ClientSampleId :
A4CQ9

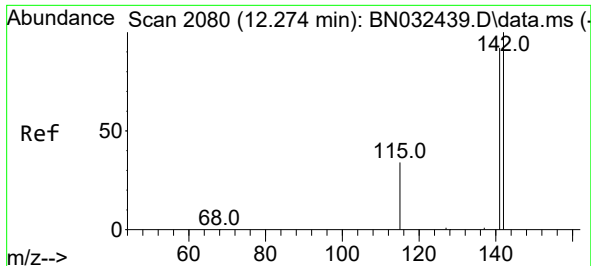
Tgt Ion:128 Resp: 178642
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.0 10.8 16.2



#7
2-Methylnaphthalene
Concen: 1.249 ng/ul
RT: 12.048 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BN032445.D
Acq: 03 Jul 2024 20:35

Tgt Ion:142 Resp: 43453
Ion Ratio Lower Upper
142 100
141 88.7 72.2 108.2

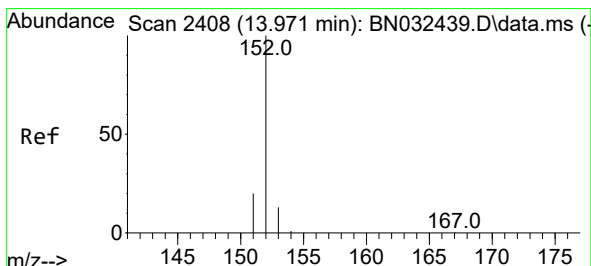
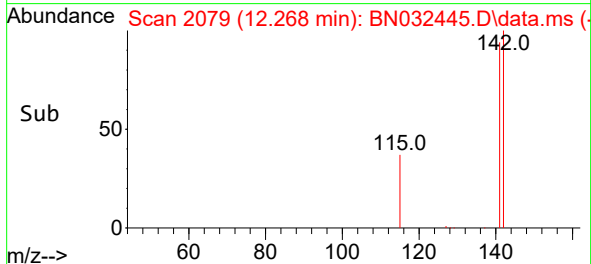
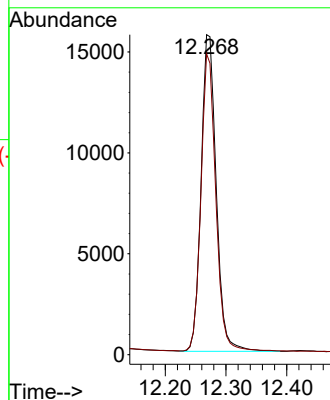
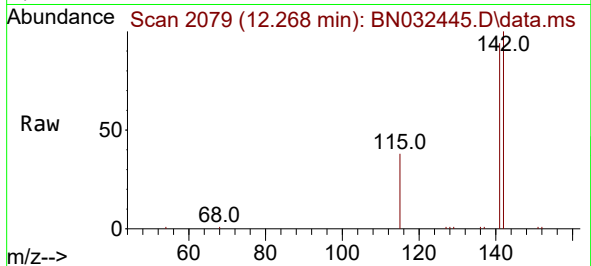




#8
1-Methylnaphthalene
Concen: 0.751 ng/ul
RT: 12.268 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BN032445.D
Acq: 03 Jul 2024 20:35

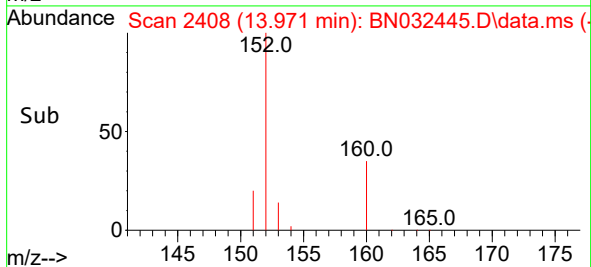
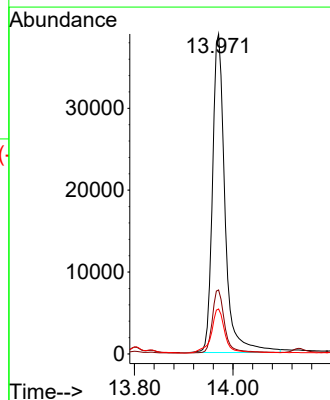
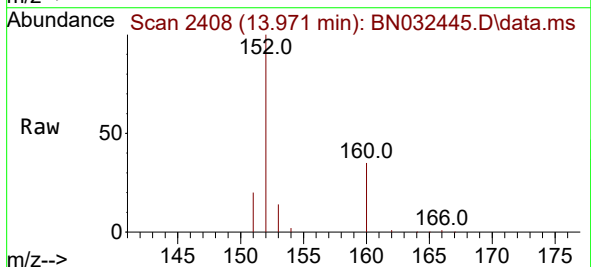
Instrument :
BNA_N
ClientSampleId :
A4CQ9

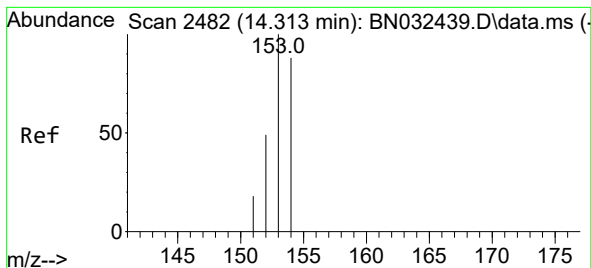
Tgt Ion:142 Resp: 27078
Ion Ratio Lower Upper
142 100
141 91.9 73.4 110.0



#10
Acenaphthylene
Concen: 1.448 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BN032445.D
Acq: 03 Jul 2024 20:35

Tgt Ion:152 Resp: 68861
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 14.0 10.9 16.3





#11

Acenaphthene

Concen: 1.804 ng/ul

RT: 14.313 min Scan# 2482

Delta R.T. 0.000 min

Lab File: BN032445.D

Acq: 03 Jul 2024 20:35

Instrument :

BNA_N

ClientSampleId :

A4CQ9

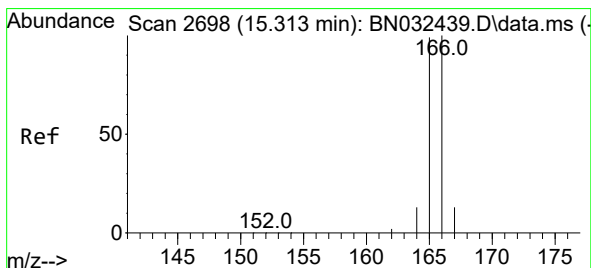
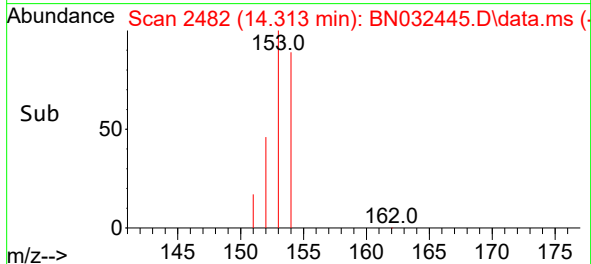
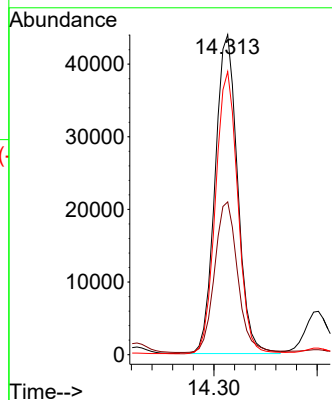
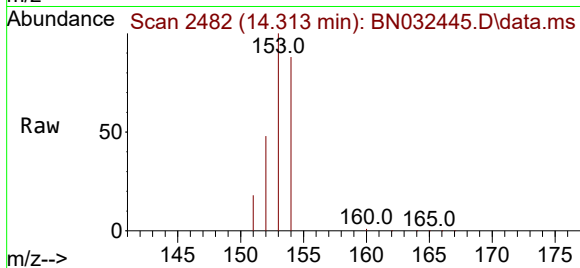
Tgt Ion:153 Resp: 66590

Ion Ratio Lower Upper

153 100

152 47.8 39.5 59.3

154 88.5 71.7 107.5



#12

Fluorene

Concen: 1.689 ng/ul

RT: 15.303 min Scan# 2696

Delta R.T. -0.009 min

Lab File: BN032445.D

Acq: 03 Jul 2024 20:35

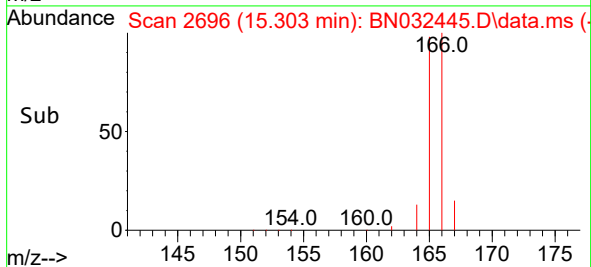
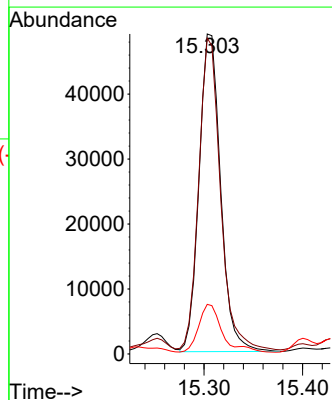
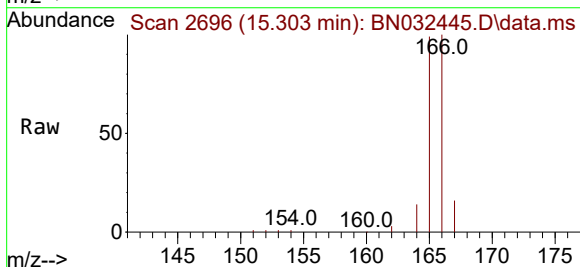
Tgt Ion:166 Resp: 74298

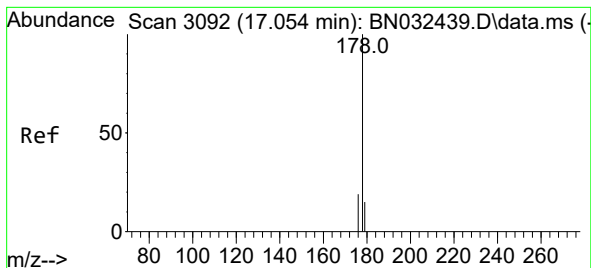
Ion Ratio Lower Upper

166 100

165 98.7 79.0 118.6

167 15.5 11.0 16.6





#15

Phenanthrene

Concen: 0.068 ng/ul

RT: 17.138 min Scan# 3112

Delta R.T. 0.089 min

Lab File: BN032445.D

Acq: 03 Jul 2024 20:35

Instrument :

BNA_N

ClientSampleId :

A4CQ9

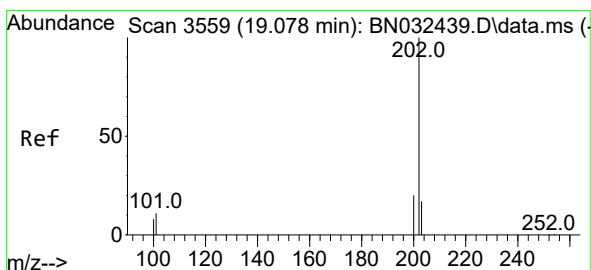
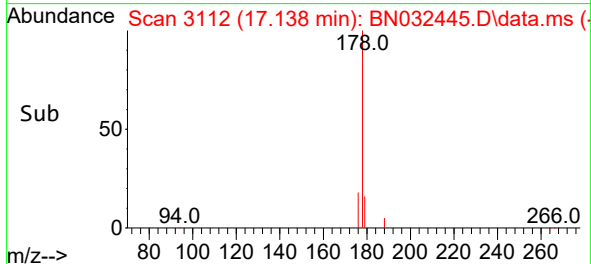
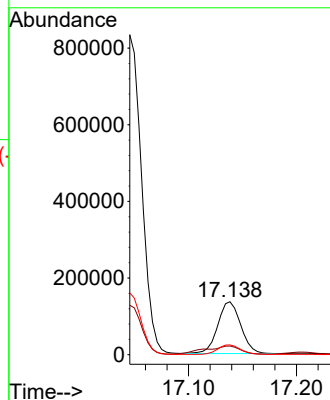
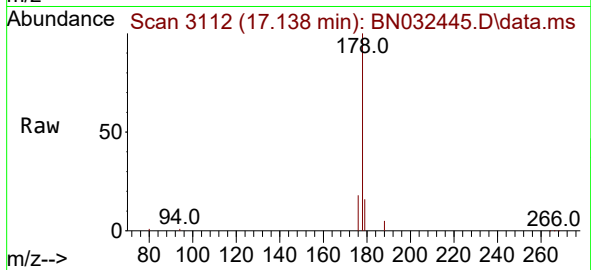
Tgt Ion:178 Resp: 200389

Ion Ratio Lower Upper

178 100

179 16.4 12.6 18.8

176 18.4 15.6 23.4



#19

Fluoranthene

Concen: 63.706 ng/ul

RT: 19.227 min Scan# 3591

Delta R.T. 0.153 min

Lab File: BN032445.D

Acq: 03 Jul 2024 20:35

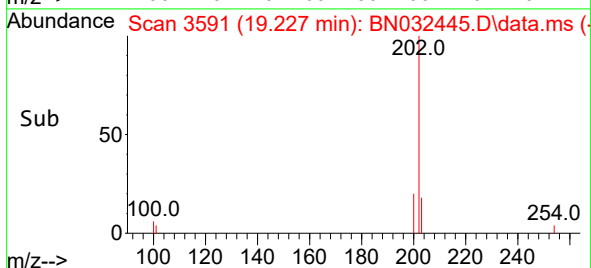
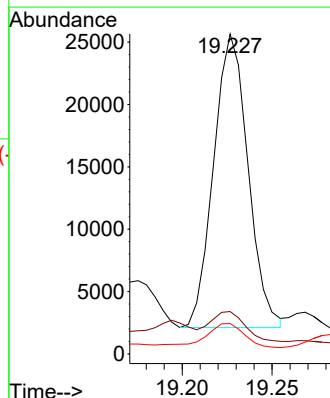
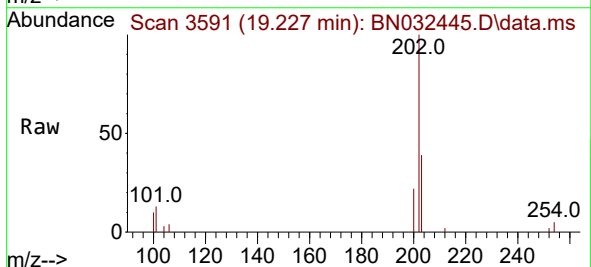
Tgt Ion:202 Resp: 31294

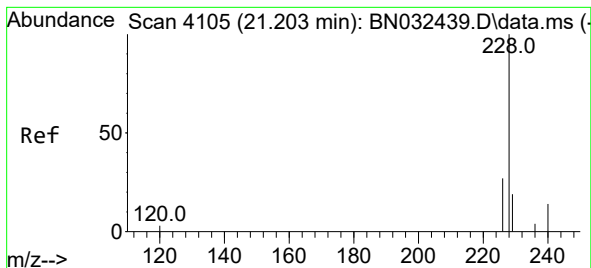
Ion Ratio Lower Upper

202 100

101 13.3 8.8 13.2#

100 9.5 6.4 9.6





#21

Benzo(a)anthracene

Concen: 1494.484 ng/ul

RT: 21.247 min Scan# 4110

Delta R.T. 0.056 min

Lab File: BN032445.D

Acq: 03 Jul 2024 20:35

Instrument :

BNA_N

ClientSampleId :

A4CQ9

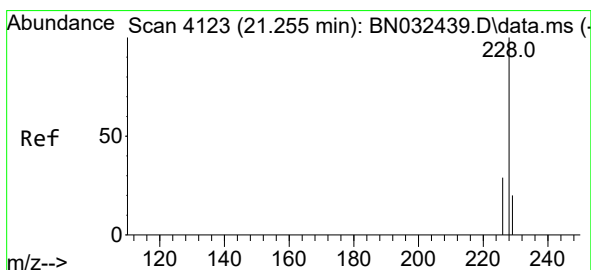
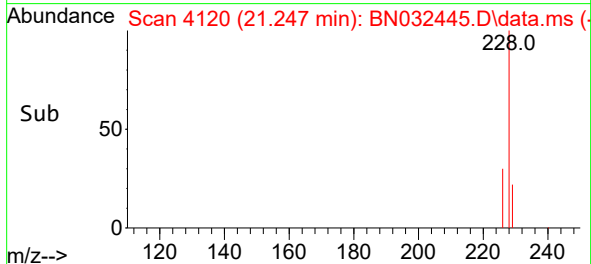
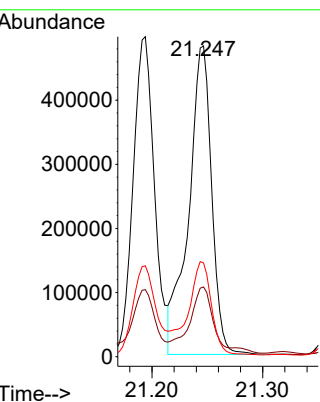
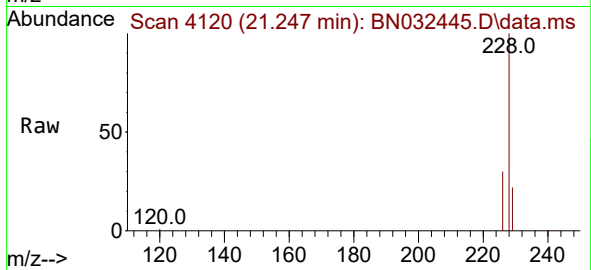
Tgt Ion:228 Resp: 695829

Ion Ratio Lower Upper

228 100

229 22.4 15.7 23.5

226 30.2 21.8 32.8



#22

Chrysene

Concen: 118.465 ng/ul

RT: 21.360 min Scan# 4159

Delta R.T. 0.117 min

Lab File: BN032445.D

Acq: 03 Jul 2024 20:35

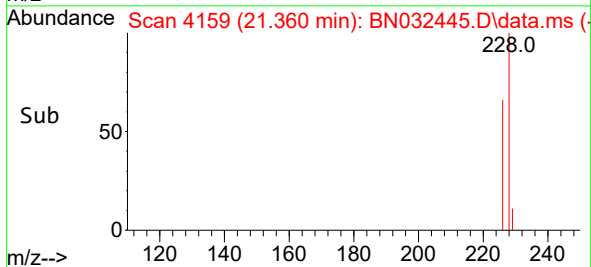
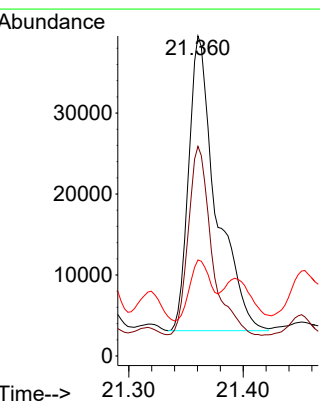
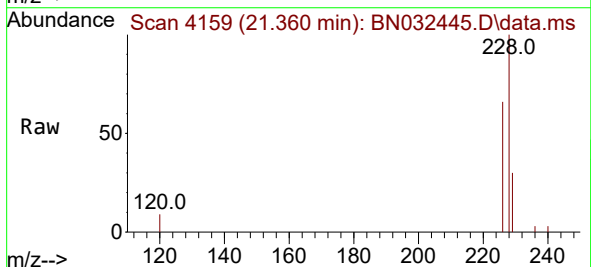
Tgt Ion:228 Resp: 60539

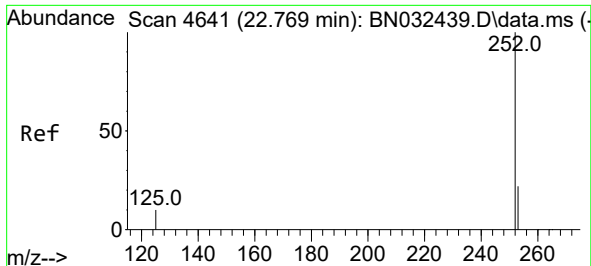
Ion Ratio Lower Upper

228 100

226 65.5 23.6 35.4#

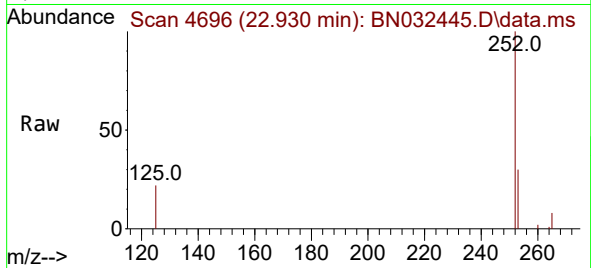
229 30.0 15.7 23.5#



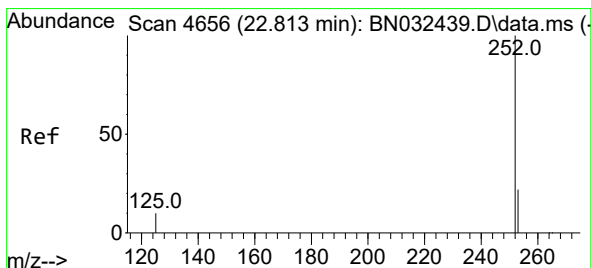
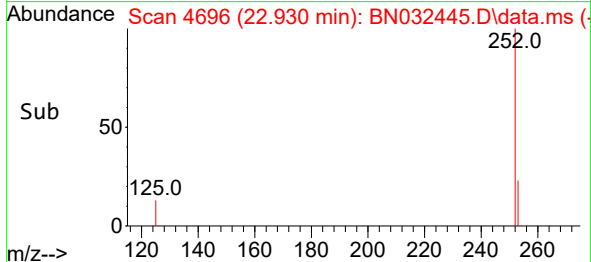
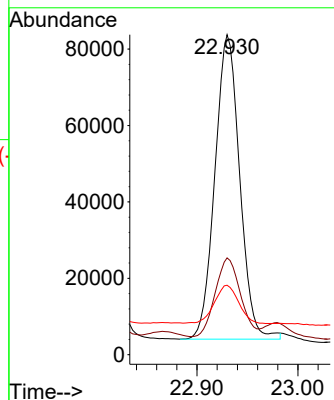


#24
Benzo(b)fluoranthene
Concen: 8.205 ng/ul
RT: 22.930 min Scan# 4696
Delta R.T. 0.173 min
Lab File: BN032445.D
Acq: 03 Jul 2024 20:35

Instrument :
BNA_N
ClientSampleId :
A4CQ9

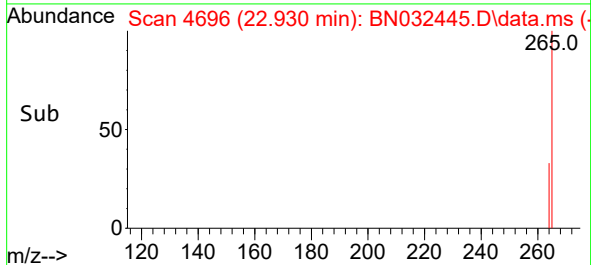
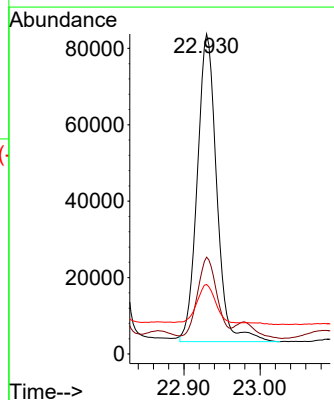
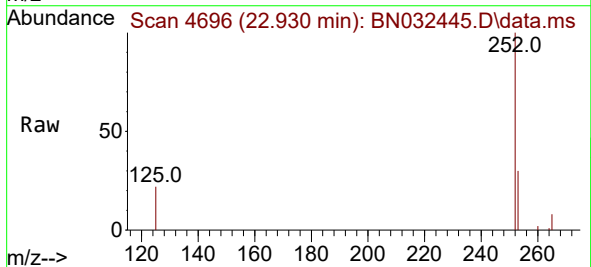


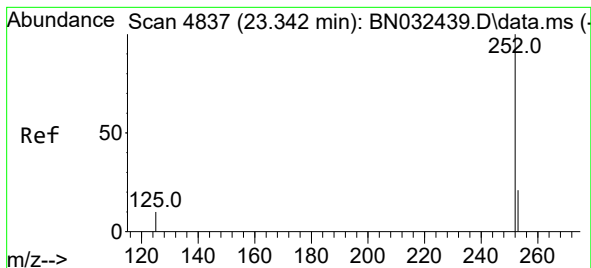
Tgt Ion:252 Resp: 136102
Ion Ratio Lower Upper
252 100
253 30.3 0.0 50.2
125 21.7 0.0 32.0



#25
Benzo(k)fluoranthene
Concen: 8.851 ng/ul
RT: 22.930 min Scan# 4696
Delta R.T. 0.129 min
Lab File: BN032445.D
Acq: 03 Jul 2024 20:35

Tgt Ion:252 Resp: 142647
Ion Ratio Lower Upper
252 100
253 30.3 20.3 30.5
125 21.7 12.8 19.2#





#26

Benzo(a)pyrene

Concen: 4.352 ng/ul

RT: 23.471 min Scan# 41

Delta R.T. 0.143 min

Lab File: BN032445.D

Acq: 03 Jul 2024 20:35

Instrument :

BNA_N

ClientSampleId :

A4CQ9

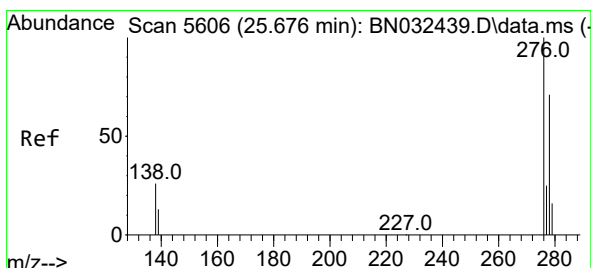
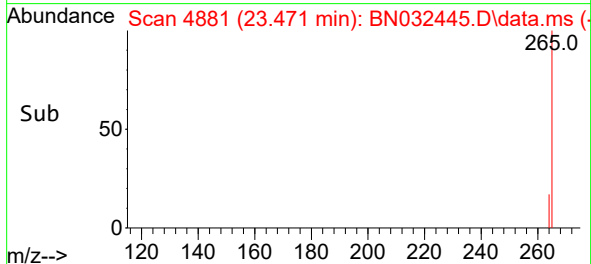
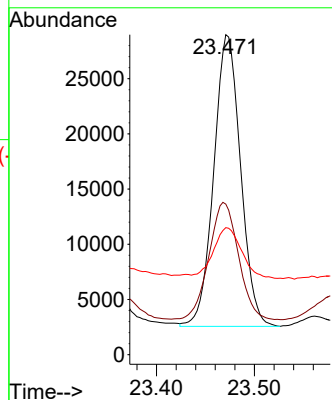
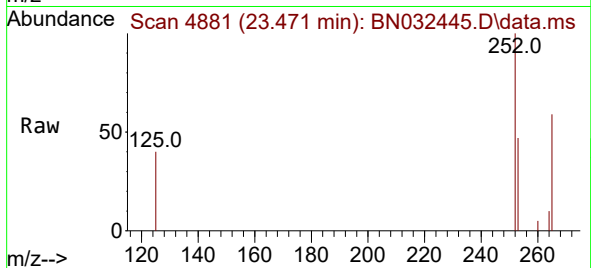
Tgt Ion:252 Resp: 50229

Ion Ratio Lower Upper

252 100

253 47.0 22.2 33.2#

125 39.7 16.4 24.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.616 ng/ul

RT: 25.770 min Scan# 5634

Delta R.T. 0.111 min

Lab File: BN032445.D

Acq: 03 Jul 2024 20:35

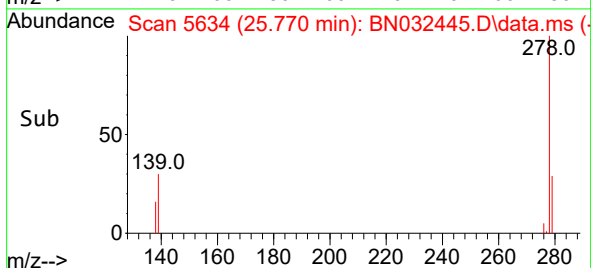
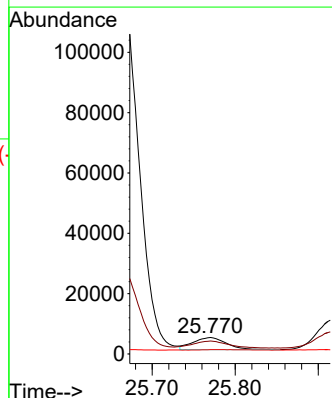
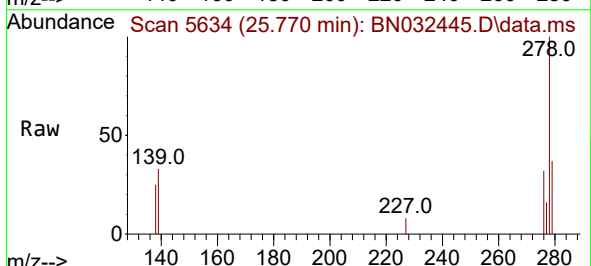
Tgt Ion:276 Resp: 11129

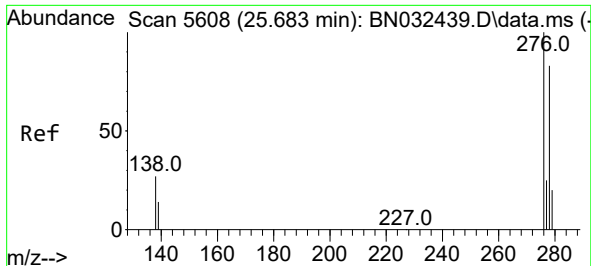
Ion Ratio Lower Upper

276 100

138 62.2 21.3 31.9#

227 4.4 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 8.011 ng/ul

RT: 25.918 min Scan# 5

Delta R.T. 0.252 min

Lab File: BN032445.D

Acq: 03 Jul 2024 20:35

Instrument :

BNA_N

ClientSampleId :

A4CQ9

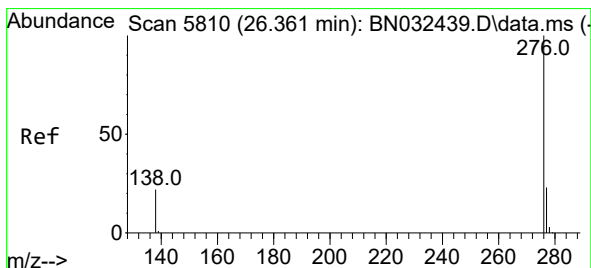
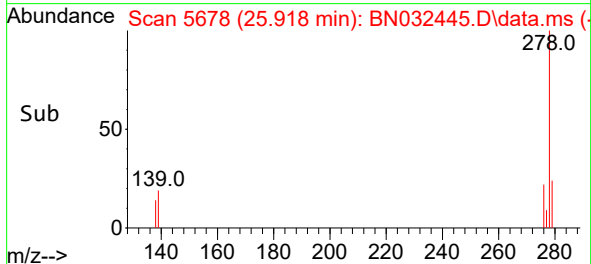
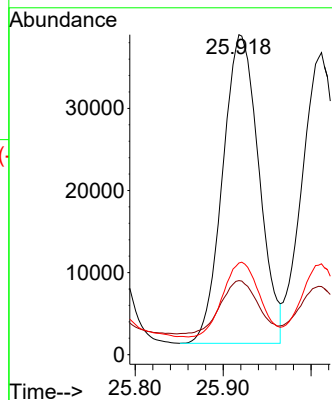
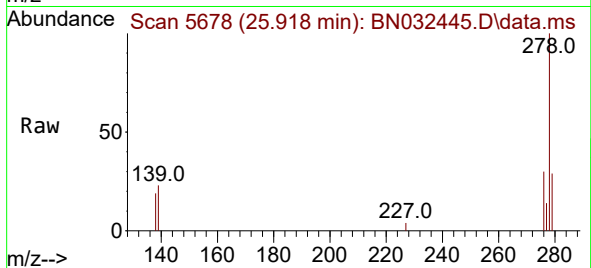
Tgt Ion:278 Resp: 107559

Ion Ratio Lower Upper

278 100

139 23.1 15.9 23.9

279 28.6 21.1 31.7



#29

Benzo(g,h,i)perylene

Concen: 0.362 ng/ul

RT: 26.538 min Scan# 5863

Delta R.T. 0.195 min

Lab File: BN032445.D

Acq: 03 Jul 2024 20:35

Tgt Ion:276 Resp: 5212

Ion Ratio Lower Upper

276 100

138 106.4 19.8 29.6#

277 93.1 19.8 29.6#

