

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032643.D
 Acq On : 11 Jul 2024 19:33
 Operator : MA/JU
 Sample : P3035-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CW2MS

Quant Time: Jul 12 01:56:00 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)

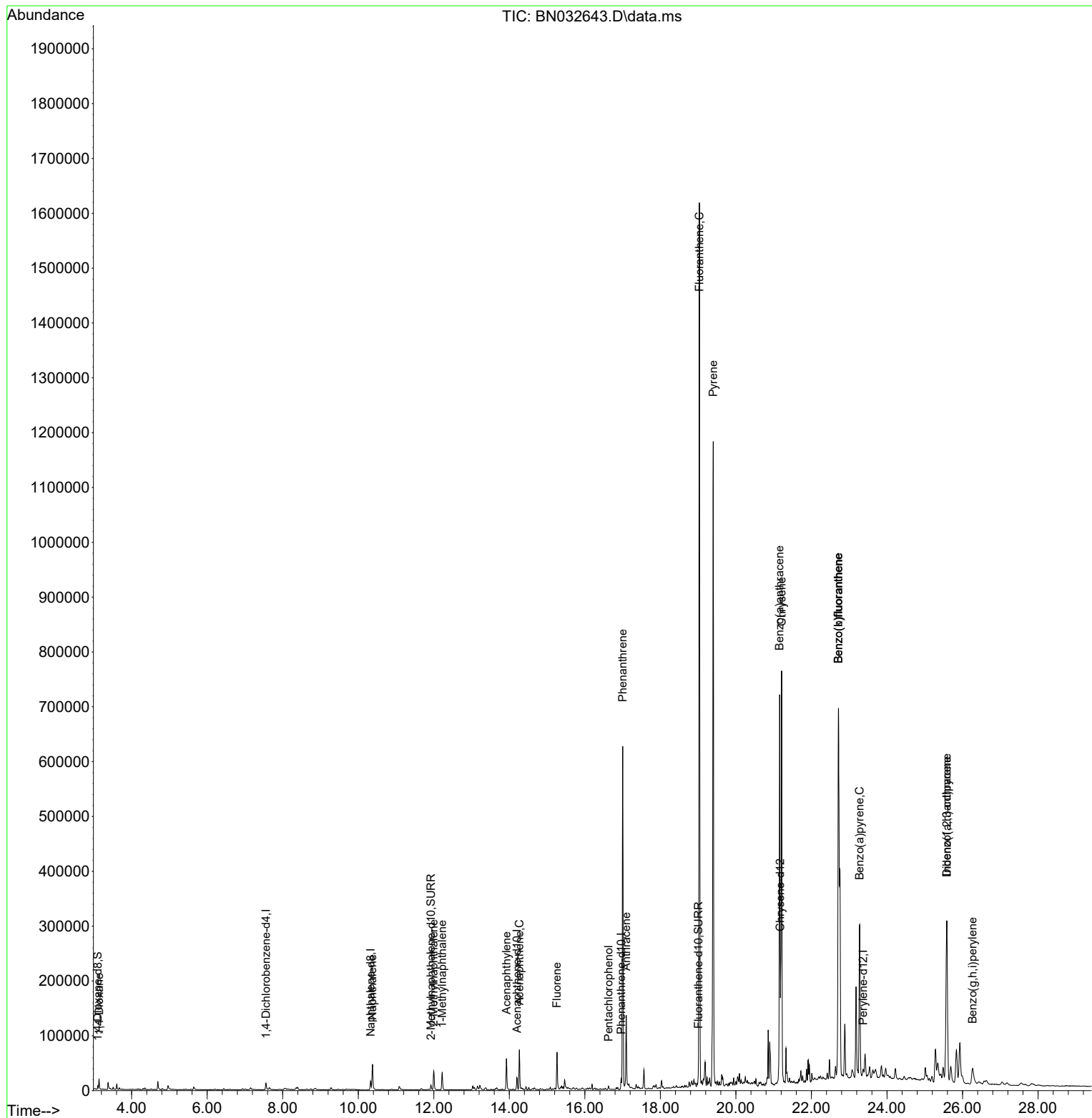
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	7348	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	23552	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.202	164	12670	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.961	188	23253	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.173	240	14850	0.400	ng/ul	#-0.02
23) Perylene-d12	23.371	264	20628	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	4028	0.457	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	13047	0.367	ng/ul	-0.04
18) Fluoranthene-d10	19.003	212	19622	0.405	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.139	88	12607	1.255	ng/ul	93
5) Naphthalene	10.376	128	56982	0.901	ng/ul	97
7) 2-Methylnaphthalene	11.998	142	27754	0.703	ng/ul	97
8) 1-Methylnaphthalene	12.224	142	23664	0.580	ng/ul	99
10) Acenaphthylene	13.924	152	71603	1.399	ng/ul	99
11) Acenaphthene	14.267	153	42377	1.001	ng/ul	99
12) Fluorene	15.261	166	45504	0.940	ng/ul	99
14) Pentachlorophenol	16.627	266	4847	1.188	ng/ul	99
15) Phenanthrene	17.003	178	666443	10.524	ng/ul	99
16) Anthracene	17.096	178	141080	2.727	ng/ul	98
19) Fluoranthene	19.031	202	1427157	23.637	ng/ul	98
20) Pyrene	19.398	202	1018383	16.295	ng/ul	97
21) Benzo(a)anthracene	21.156	228	628605	13.298	ng/ul	98
22) Chrysene	21.211	228	745686	10.905	ng/ul	98
24) Benzo(b)fluoranthene	22.713	252	1484352	20.394	ng/ul	90
25) Benzo(k)fluoranthene	22.713	252	1195326	13.476	ng/ul#	90
26) Benzo(a)pyrene	23.278	252	387960	6.159	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.582	276	419019	4.913	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.586	278	159388	2.411	ng/ul#	94
29) Benzo(g,h,i)perylene	26.266	276	60739	0.852	ng/ul#	89

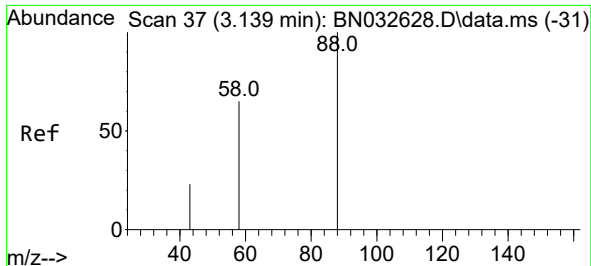
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032643.D
Acq On : 11 Jul 2024 19:33
Operator : MA/JU
Sample : P3035-02MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CW2MS

Quant Time: Jul 12 01:56:00 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

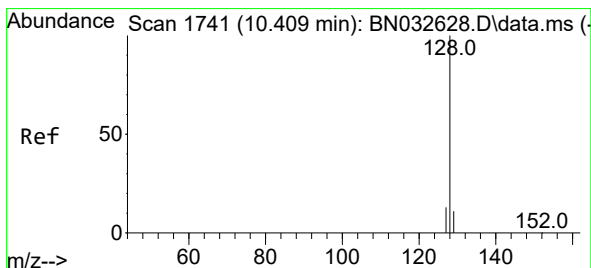
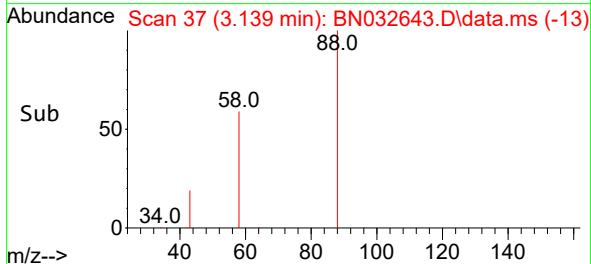
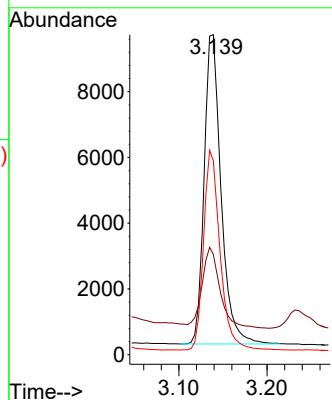
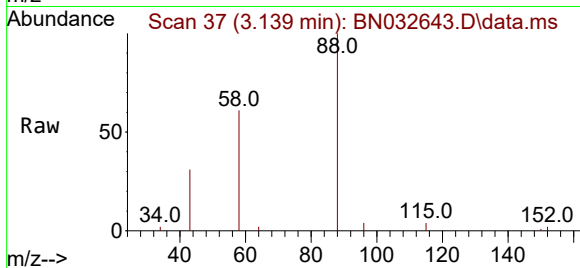




#2
1,4-Dioxane
Concen: 1.255 ng/ul
RT: 3.139 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN032643.D
Acq: 11 Jul 2024 19:33

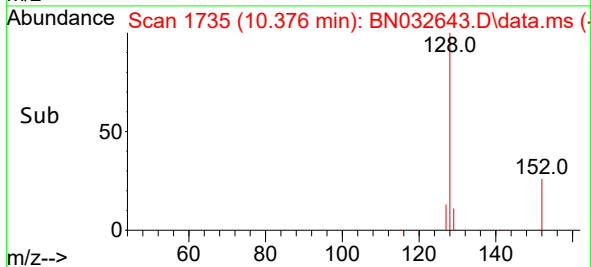
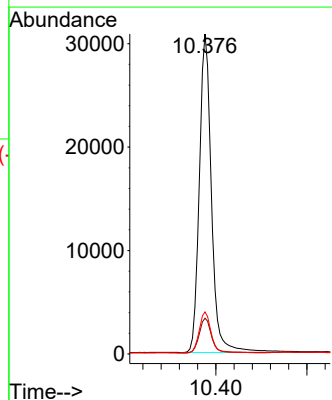
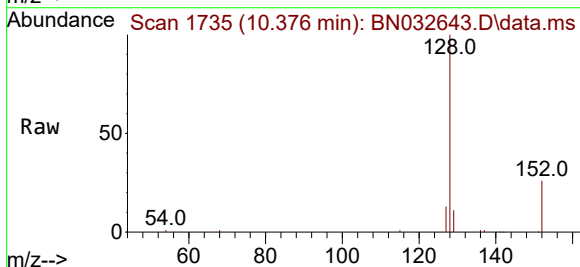
Instrument :
BNA_N
ClientSampleId :
A4CW2MS

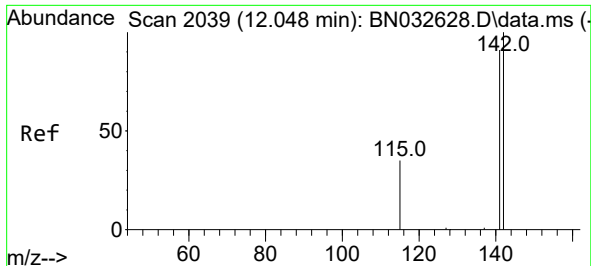
Tgt Ion: 88 Resp: 12607
Ion Ratio Lower Upper
88 100
43 31.4 24.0 36.0
58 60.6 43.3 64.9



#5
Naphthalene
Concen: 0.901 ng/ul
RT: 10.376 min Scan# 1735
Delta R.T. -0.033 min
Lab File: BN032643.D
Acq: 11 Jul 2024 19:33

Tgt Ion: 128 Resp: 56982
Ion Ratio Lower Upper
128 100
129 11.2 10.0 15.0
127 13.1 11.6 17.4

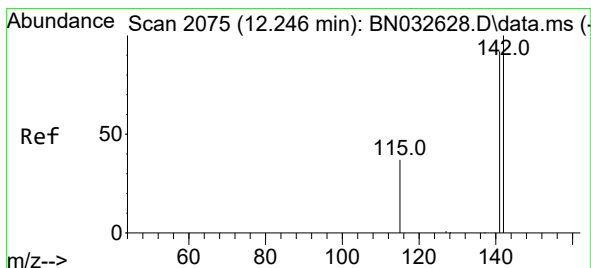
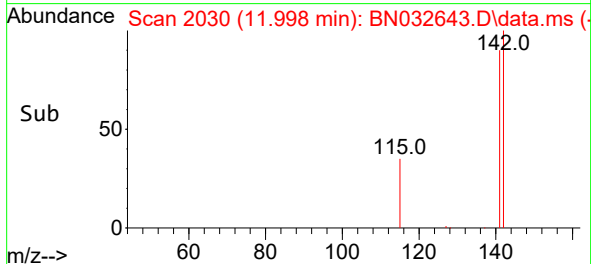
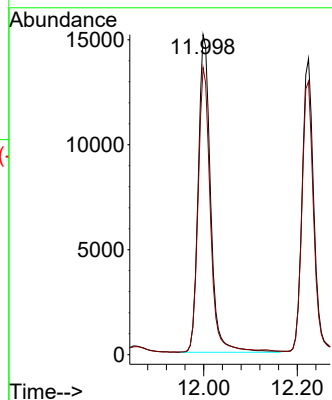
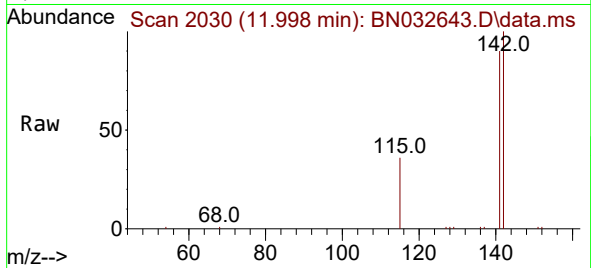




#7
2-Methylnaphthalene
Concen: 0.703 ng/ul
RT: 11.998 min Scan# 2039
Delta R.T. -0.050 min
Lab File: BN032643.D
Acq: 11 Jul 2024 19:33

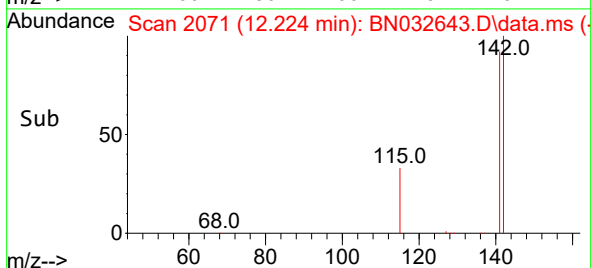
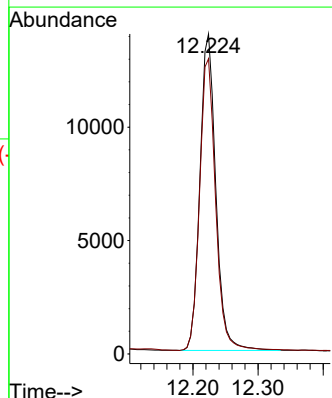
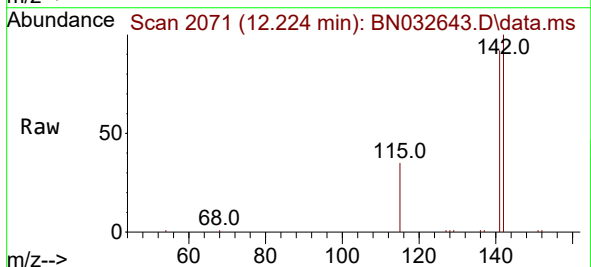
Instrument :
BNA_N
ClientSampleId :
A4CW2MS

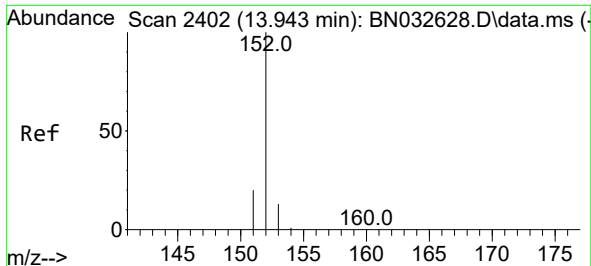
Tgt Ion:142 Resp: 27754
Ion Ratio Lower Upper
142 100
141 89.5 74.0 111.0



#8
1-Methylnaphthalene
Concen: 0.580 ng/ul
RT: 12.224 min Scan# 2071
Delta R.T. -0.022 min
Lab File: BN032643.D
Acq: 11 Jul 2024 19:33

Tgt Ion:142 Resp: 23664
Ion Ratio Lower Upper
142 100
141 92.9 75.0 112.4

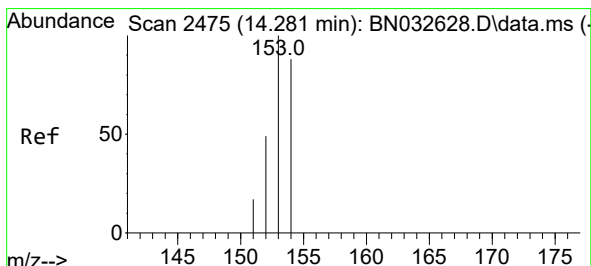
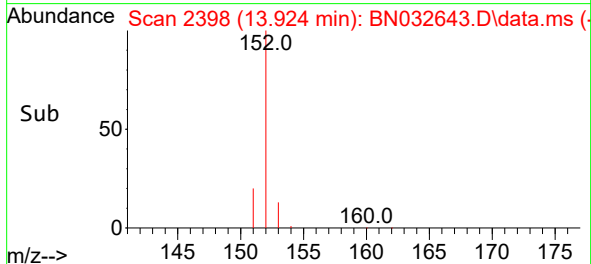
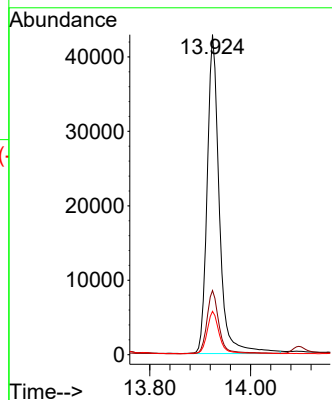
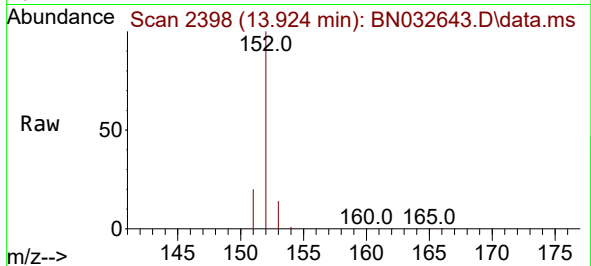




#10
Acenaphthylene
Concen: 1.399 ng/ul
RT: 13.924 min Scan# 21
Delta R.T. -0.019 min
Lab File: BN032643.D
Acq: 11 Jul 2024 19:33

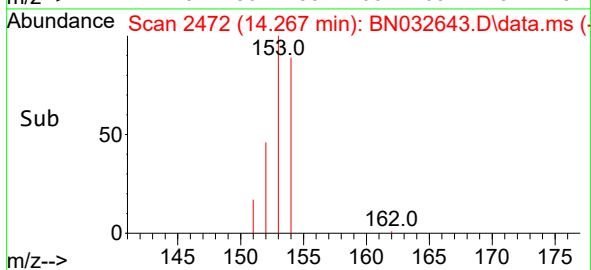
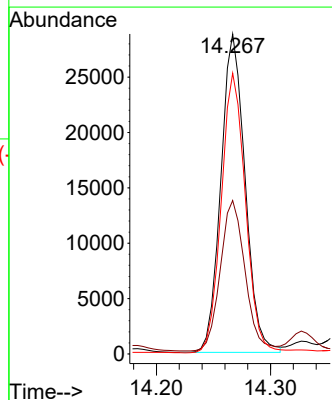
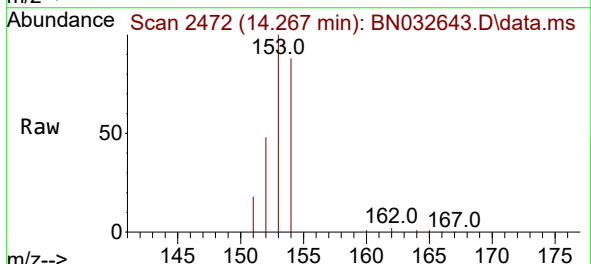
Instrument :
BNA_N
ClientSampleId :
A4CW2MS

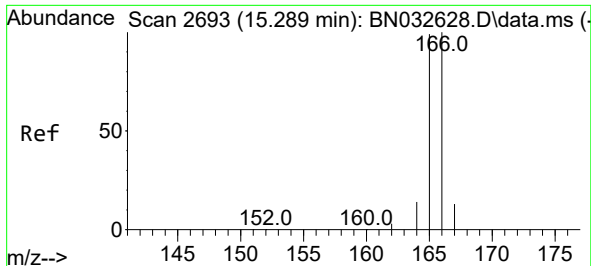
Tgt Ion:152 Resp: 71603
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.6 11.3 16.9



#11
Acenaphthene
Concen: 1.001 ng/ul
RT: 14.267 min Scan# 2472
Delta R.T. -0.014 min
Lab File: BN032643.D
Acq: 11 Jul 2024 19:33

Tgt Ion:153 Resp: 42377
Ion Ratio Lower Upper
153 100
152 48.0 40.0 60.0
154 87.8 70.2 105.4

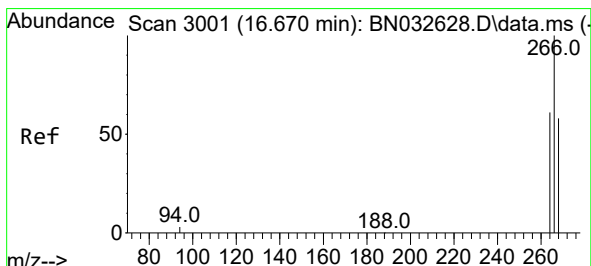
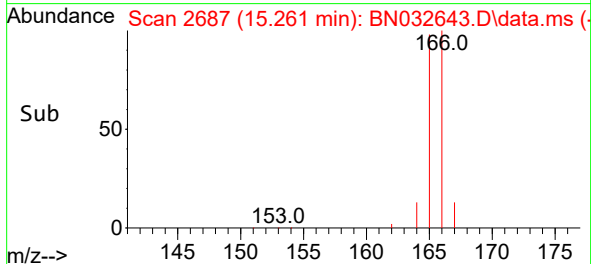
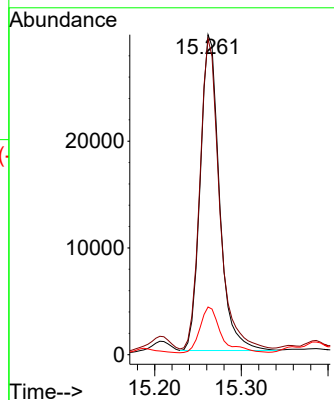
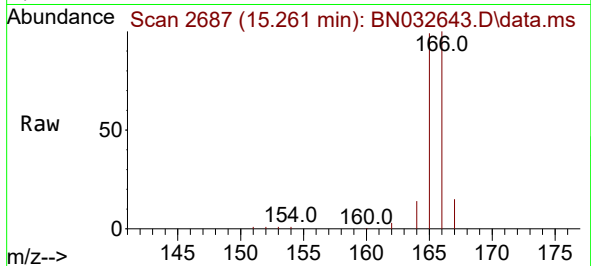




#12
Fluorene
Concen: 0.940 ng/ul
RT: 15.261 min Scan# 2091
Delta R.T. -0.028 min
Lab File: BN032643.D
Acq: 11 Jul 2024 19:33

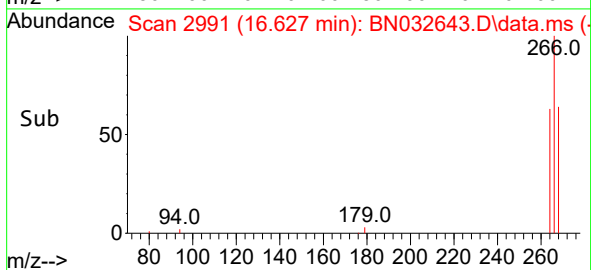
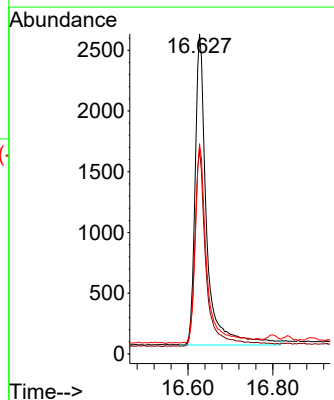
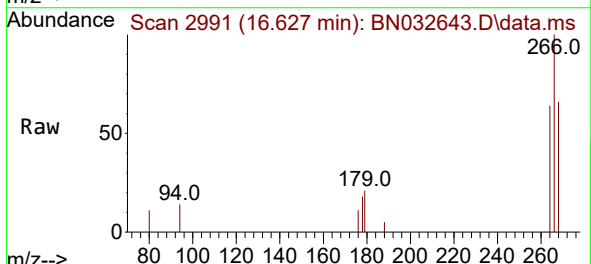
Instrument :
BNA_N
ClientSampleId :
A4CW2MS

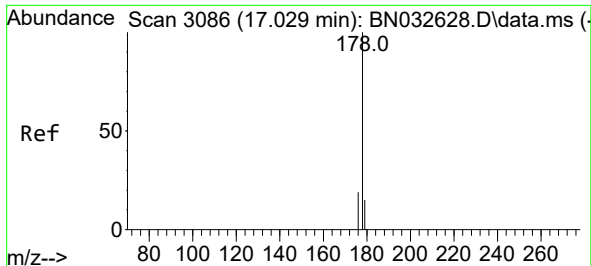
Tgt Ion:166 Resp: 45504
Ion Ratio Lower Upper
166 100
165 98.7 79.7 119.5
167 14.9 11.4 17.2



#14
Pentachlorophenol
Concen: 1.188 ng/ul
RT: 16.627 min Scan# 2991
Delta R.T. -0.042 min
Lab File: BN032643.D
Acq: 11 Jul 2024 19:33

Tgt Ion:266 Resp: 4847
Ion Ratio Lower Upper
266 100
264 62.8 49.4 74.2
268 63.7 51.6 77.4

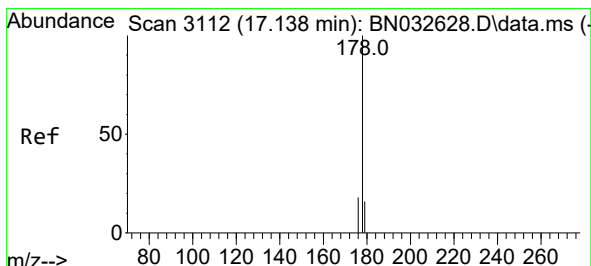
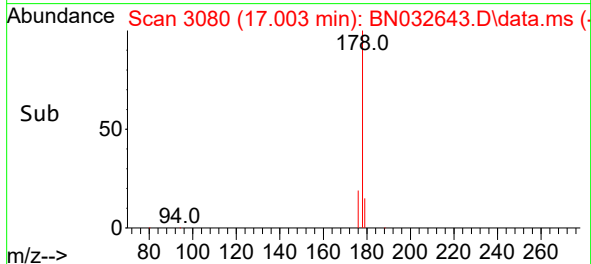
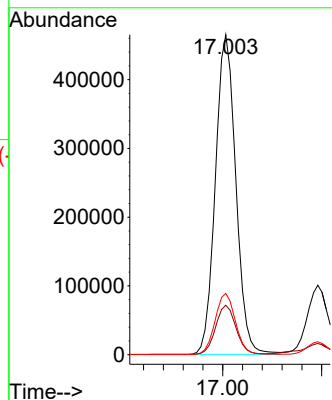
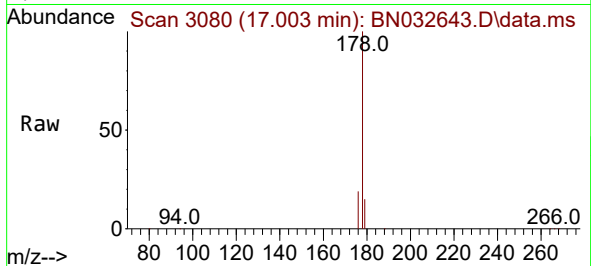




#15
Phenanthrene
Concen: 10.524 ng/ul
RT: 17.003 min Scan# 3080
Delta R.T. -0.025 min
Lab File: BN032643.D
Acq: 11 Jul 2024 19:33

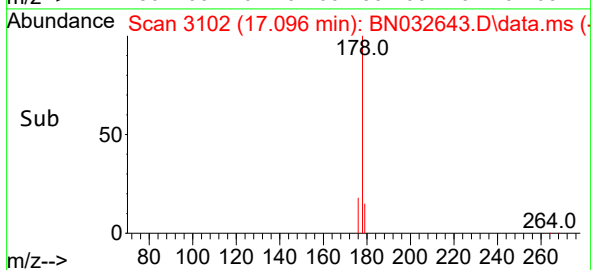
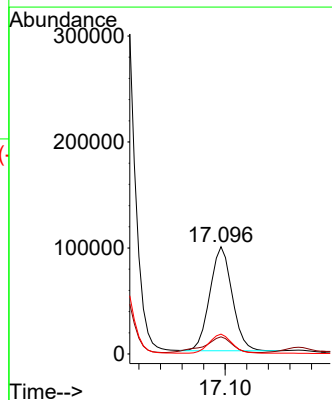
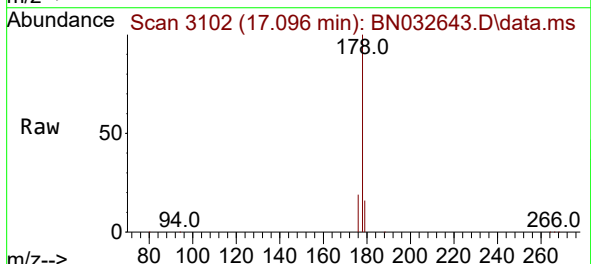
Instrument :
BNA_N
ClientSampleId :
A4CW2MS

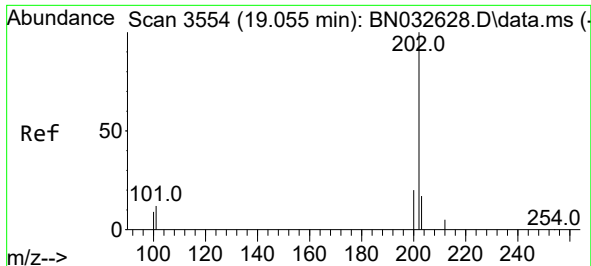
Tgt Ion:178 Resp: 666443
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.1 15.6 23.4



#16
Anthracene
Concen: 2.727 ng/ul
RT: 17.096 min Scan# 3102
Delta R.T. -0.042 min
Lab File: BN032643.D
Acq: 11 Jul 2024 19:33

Tgt Ion:178 Resp: 141080
Ion Ratio Lower Upper
178 100
179 16.0 13.4 20.2
176 18.6 15.4 23.0

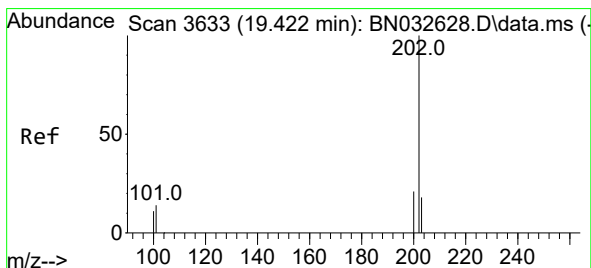
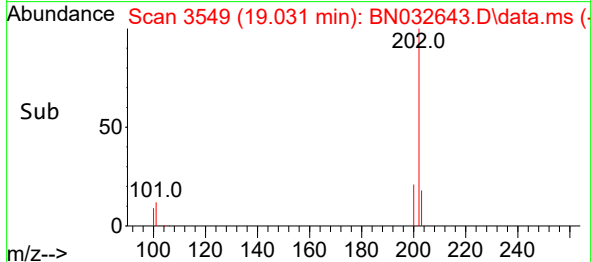
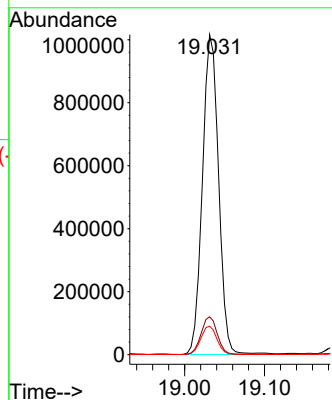
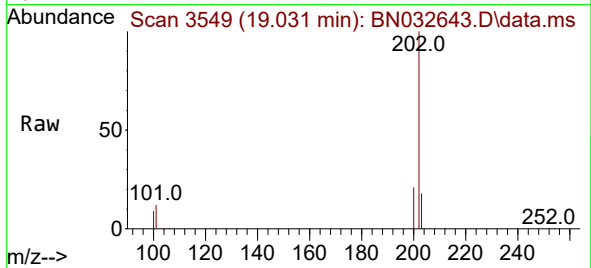




#19
Fluoranthene
Concen: 23.637 ng/ul
RT: 19.031 min Scan# 3549
Delta R.T. -0.023 min
Lab File: BN032643.D
Acq: 11 Jul 2024 19:33

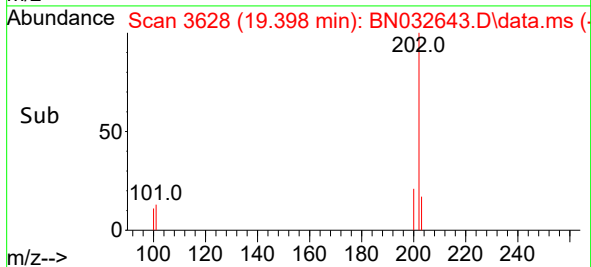
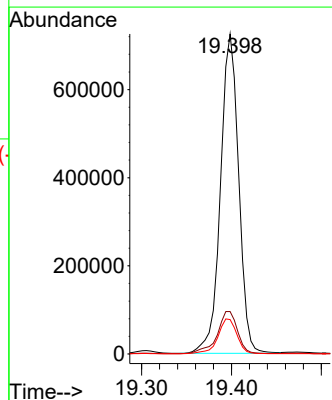
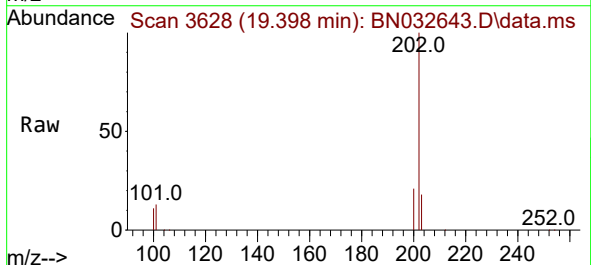
Instrument :
BNA_N
ClientSampleId :
A4CW2MS

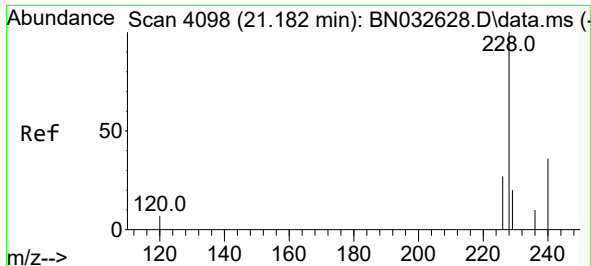
Tgt Ion:202 Resp: 1427157
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.8
100 8.9 7.9 11.9



#20
Pyrene
Concen: 16.295 ng/ul
RT: 19.398 min Scan# 3628
Delta R.T. -0.023 min
Lab File: BN032643.D
Acq: 11 Jul 2024 19:33

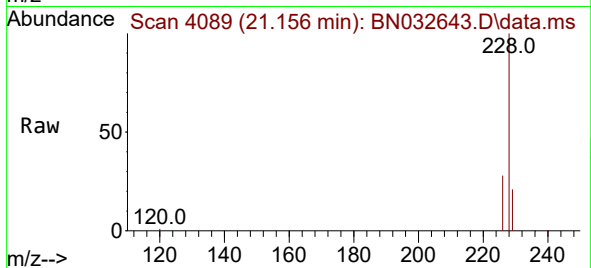
Tgt Ion:202 Resp: 1018383
Ion Ratio Lower Upper
202 100
101 13.3 11.8 17.6
100 10.7 9.6 14.4



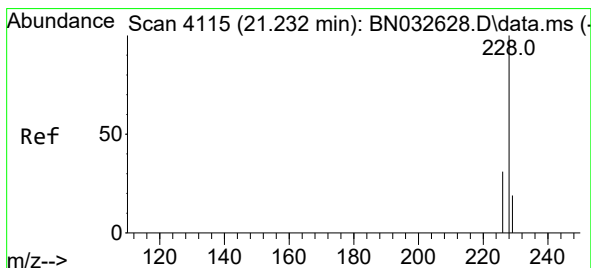
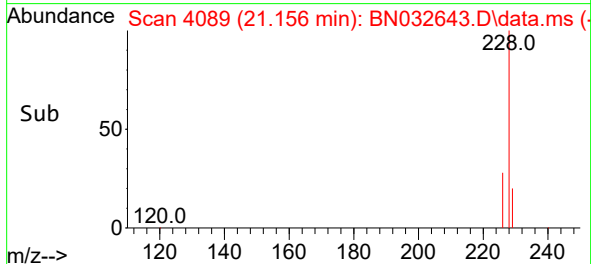
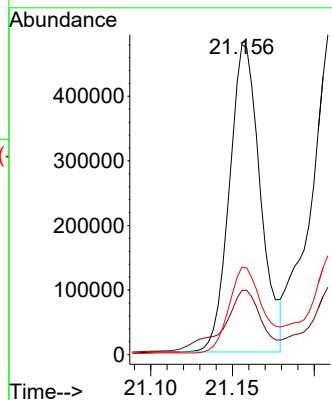


#21
Benzo(a)anthracene
Concen: 13.298 ng/ul
RT: 21.156 min Scan# 4108
Delta R.T. -0.026 min
Lab File: BN032643.D
Acq: 11 Jul 2024 19:33

Instrument :
BNA_N
ClientSampleId :
A4CW2MS

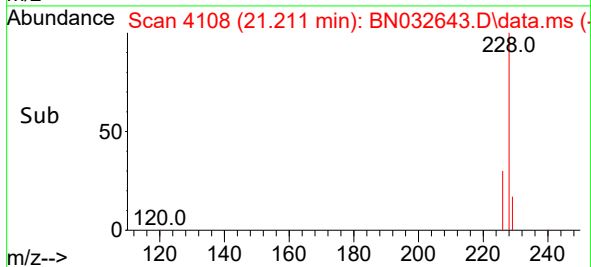
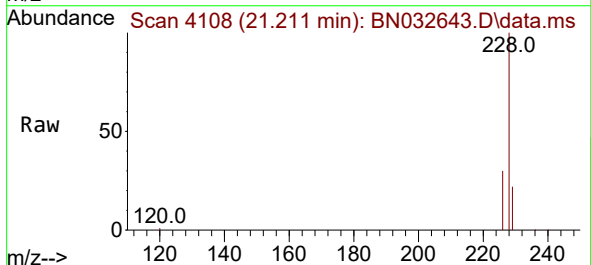
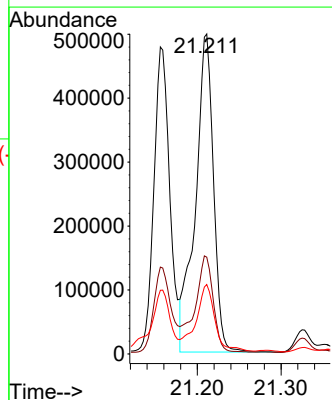


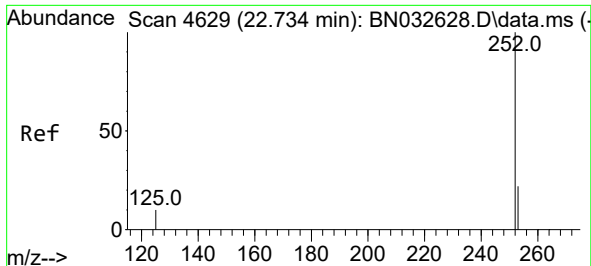
Tgt Ion:228 Resp: 628605
Ion Ratio Lower Upper
228 100
229 20.8 16.1 24.1
226 28.3 21.9 32.9



#22
Chrysene
Concen: 10.905 ng/ul
RT: 21.211 min Scan# 4108
Delta R.T. -0.021 min
Lab File: BN032643.D
Acq: 11 Jul 2024 19:33

Tgt Ion:228 Resp: 745686
Ion Ratio Lower Upper
228 100
226 30.3 24.0 36.0
229 21.7 15.8 23.6

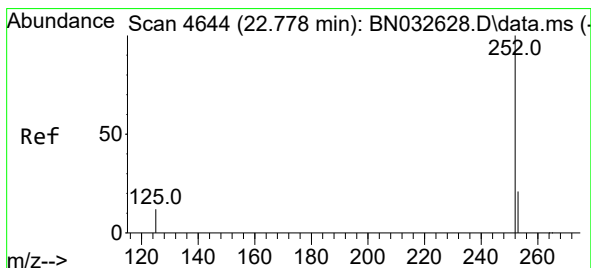
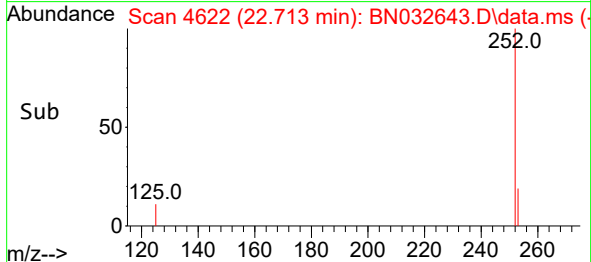
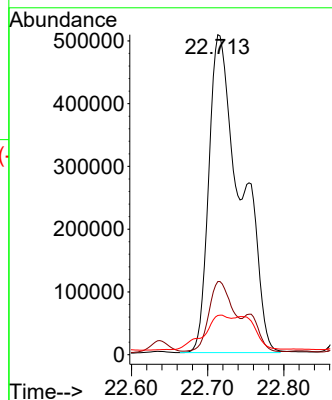
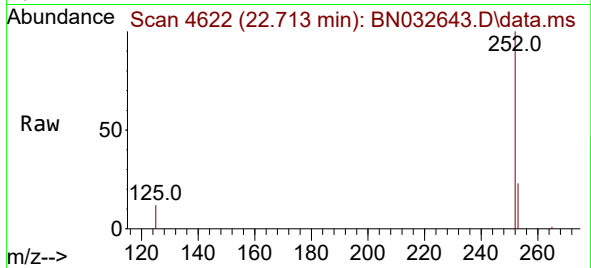




#24
Benzo(b)fluoranthene
Concen: 20.394 ng/ul
RT: 22.713 min Scan# 4622
Delta R.T. -0.021 min
Lab File: BN032643.D
Acq: 11 Jul 2024 19:33

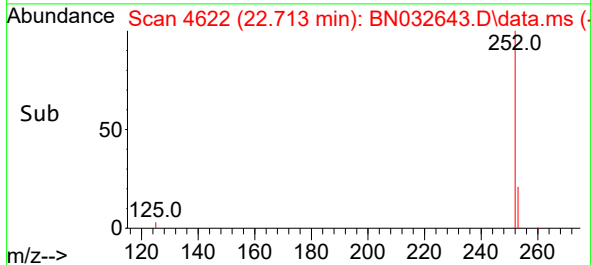
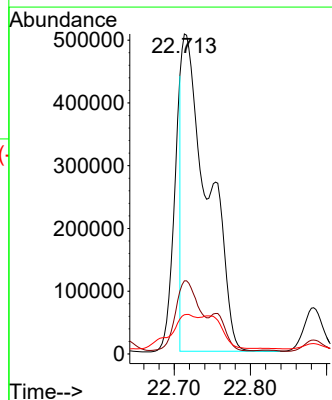
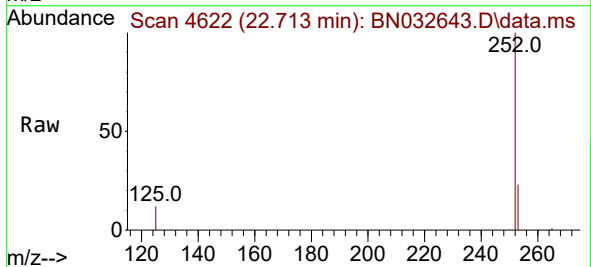
Instrument :
BNA_N
ClientSampleId :
A4CW2MS

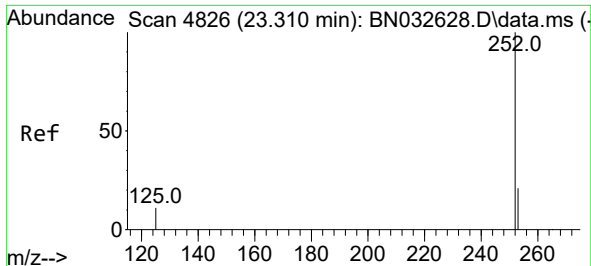
Tgt Ion:252 Resp: 1484352
Ion Ratio Lower Upper
252 100
253 22.9 0.0 54.0
125 12.3 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 13.476 ng/ul
RT: 22.713 min Scan# 4622
Delta R.T. -0.064 min
Lab File: BN032643.D
Acq: 11 Jul 2024 19:33

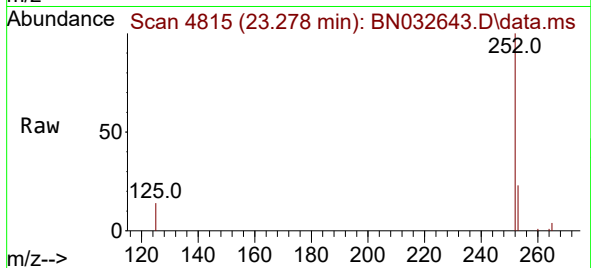
Tgt Ion:252 Resp: 1195326
Ion Ratio Lower Upper
252 100
253 22.9 21.2 31.8
125 12.3 14.8 22.2#



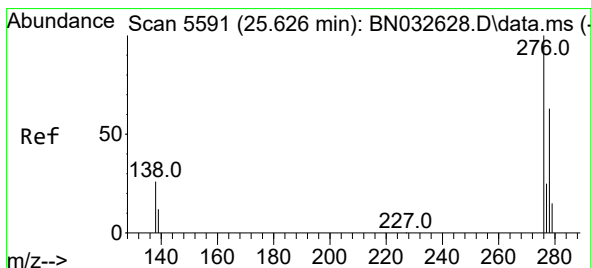
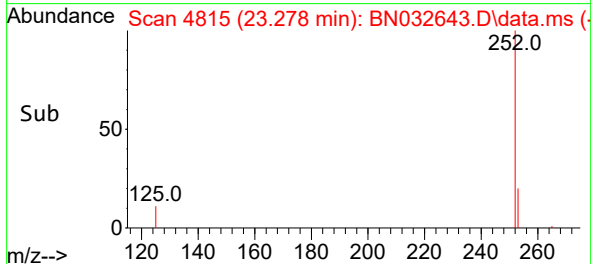
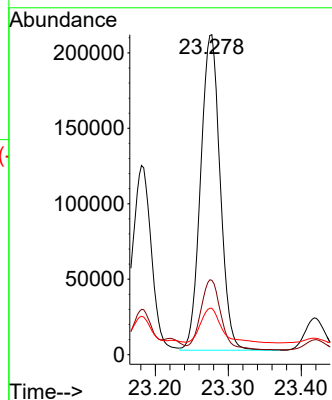


#26
Benzo(a)pyrene
Concen: 6.159 ng/ul
RT: 23.278 min Scan# 4815
Delta R.T. -0.032 min
Lab File: BN032643.D
Acq: 11 Jul 2024 19:33

Instrument :
BNA_N
ClientSampleId :
A4CW2MS

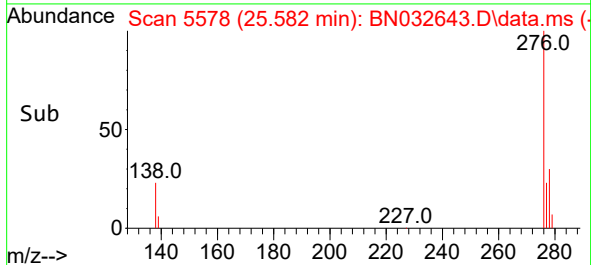
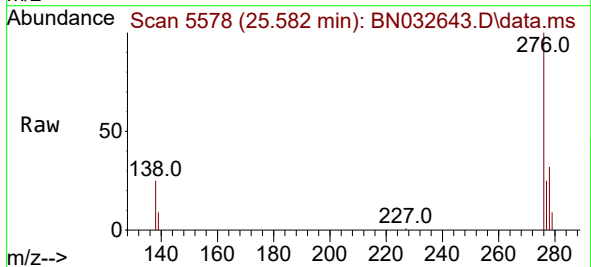
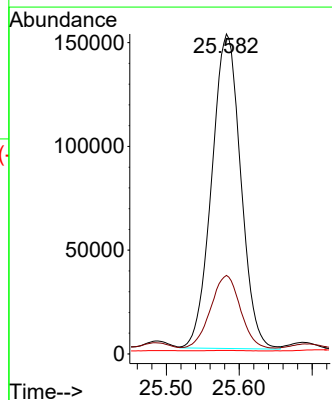


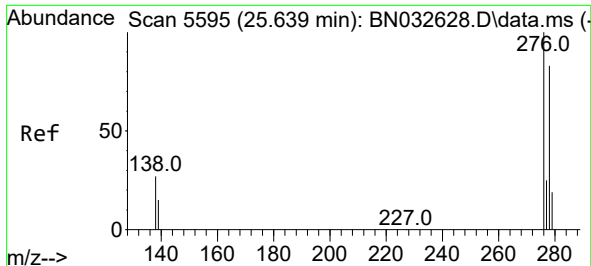
Tgt Ion:252 Resp: 387960
Ion Ratio Lower Upper
252 100
253 23.3 25.4 38.0#
125 14.5 20.6 30.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.913 ng/ul
RT: 25.582 min Scan# 5578
Delta R.T. -0.044 min
Lab File: BN032643.D
Acq: 11 Jul 2024 19:33

Tgt Ion:276 Resp: 419019
Ion Ratio Lower Upper
276 100
138 23.6 21.6 32.4
227 0.2 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 2.411 ng/ul

RT: 25.586 min Scan# 51

Delta R.T. -0.054 min

Lab File: BN032643.D

Acq: 11 Jul 2024 19:33

Instrument :

BNA_N

ClientSampleId :

A4CW2MS

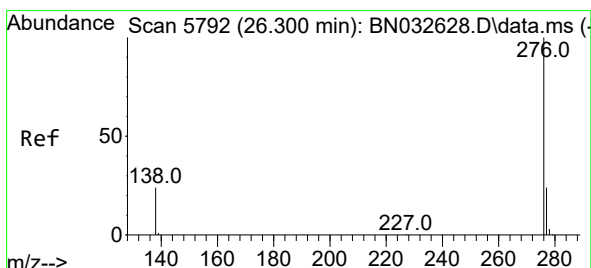
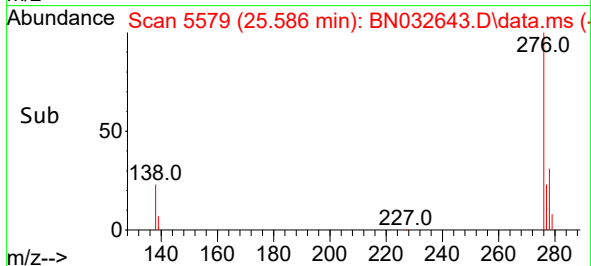
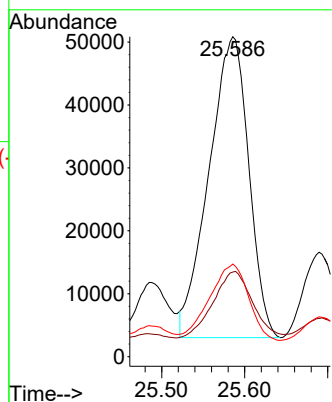
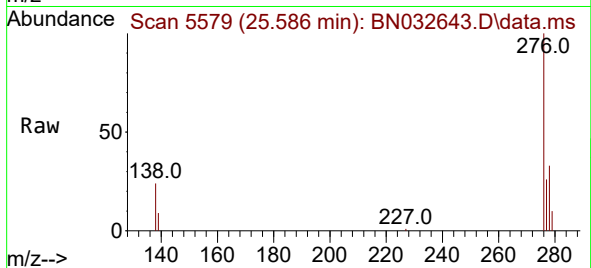
Tgt Ion:278 Resp: 159388

Ion Ratio Lower Upper

278 100

139 26.4 16.6 24.8#

279 29.0 23.7 35.5



#29

Benzo(g,h,i)perylene

Concen: 0.852 ng/ul

RT: 26.266 min Scan# 5782

Delta R.T. -0.034 min

Lab File: BN032643.D

Acq: 11 Jul 2024 19:33

Tgt Ion:276 Resp: 60739

Ion Ratio Lower Upper

276 100

138 31.2 21.0 31.4

277 32.3 20.6 31.0#

