

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032954.D
 Acq On : 24 Jul 2024 18:24
 Operator : MA/JU
 Sample : P3215-12DL 5X
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D25DL

Quant Time: Jul 25 00:48:38 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 : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

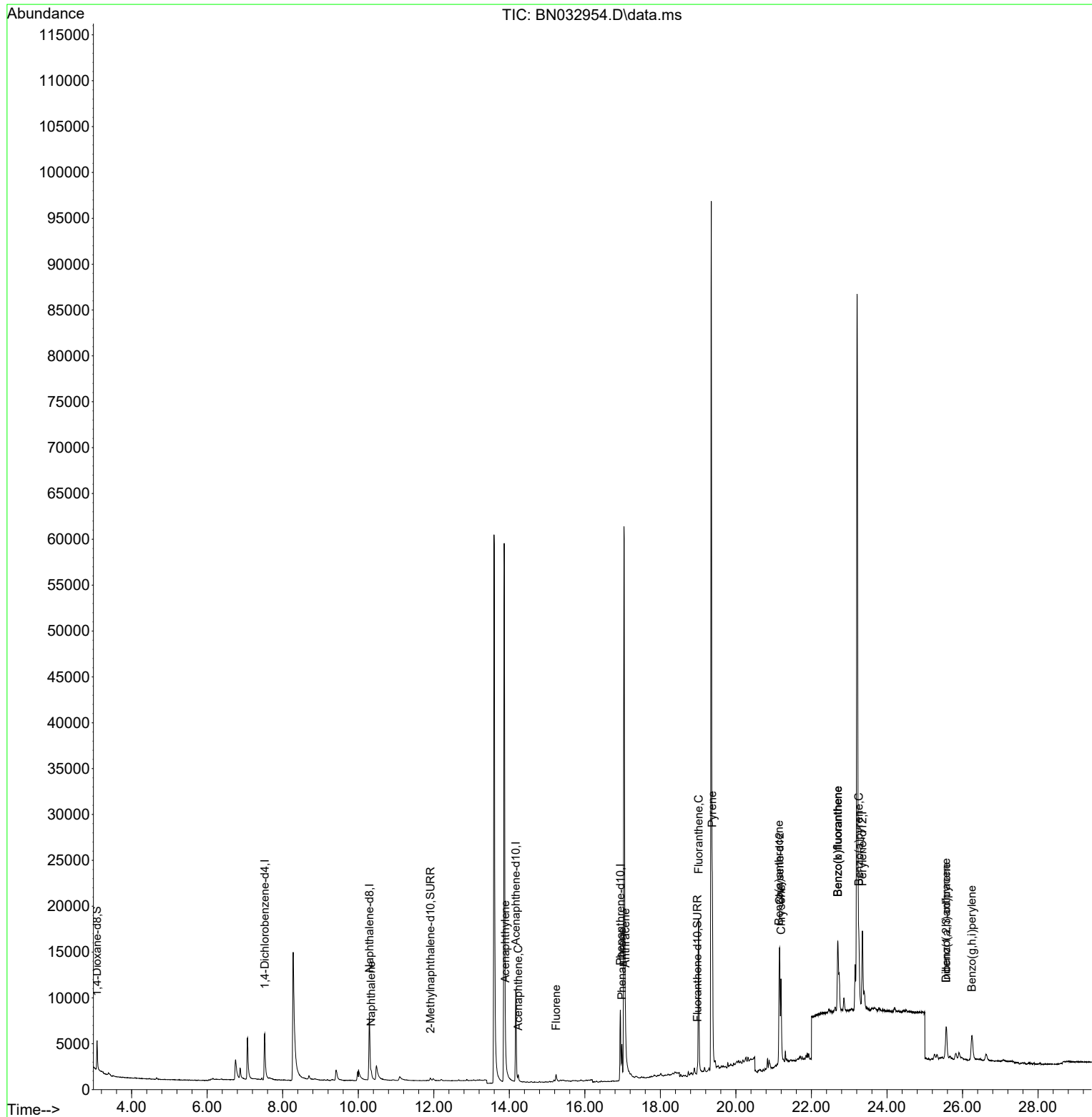
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	3866	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.294	136	12755	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.174	164	6467	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.940	188	10451	0.400	ng/ul	-0.02
17) Chrysene-d12	21.159	240	9508	0.400	ng/ul	# 0.00
23) Perylene-d12	23.351	264	12656	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	2370	0.511	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.911	152	641	0.033	ng/ul	-0.01
18) Fluoranthene-d10	18.980	212	1026	0.033	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	1034	0.030	ng/ul#	69
10) Acenaphthylene	13.897	152	1390	0.053	ng/ul#	79
11) Acenaphthene	14.239	153	450	0.021	ng/ul#	94
12) Fluorene	15.238	166	763	0.031	ng/ul#	91
15) Phenanthrene	16.982	178	4507	0.158	ng/ul#	92
16) Anthracene	17.075	178	1958	0.084	ng/ul#	81
19) Fluoranthene	19.013	202	17497	0.453	ng/ul	98
20) Pyrene	19.375	202	16285	0.407	ng/ul	97
21) Benzo(a)anthracene	21.144	228	9706	0.321	ng/ul#	85
22) Chrysene	21.194	228	9551	0.218	ng/ul#	87
24) Benzo(b)fluoranthene	22.699	252	17564	0.393	ng/ul#	64
25) Benzo(k)fluoranthene	22.699	252	14015	0.258	ng/ul#	64
26) Benzo(a)pyrene	23.254	252	8735	0.226	ng/ul#	63
27) Indeno(1,2,3-cd)pyrene	25.572	276	6522	0.125	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.566	278	1603	0.040	ng/ul#	1
29) Benzo(g,h,i)perylene	26.246	276	6277	0.144	ng/ul#	63

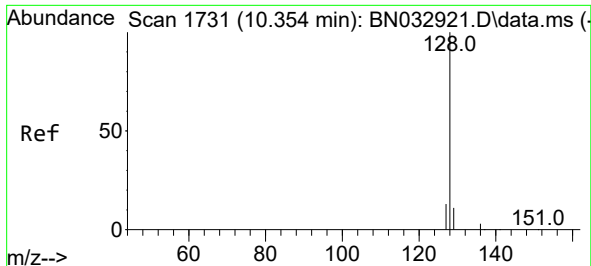
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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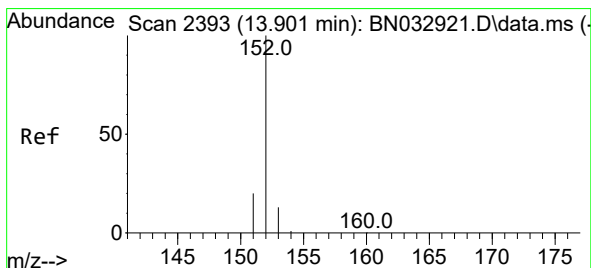
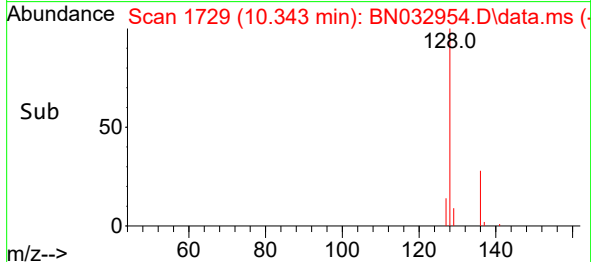
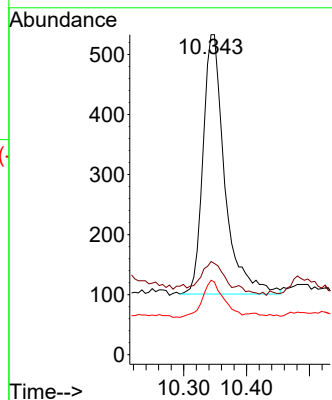
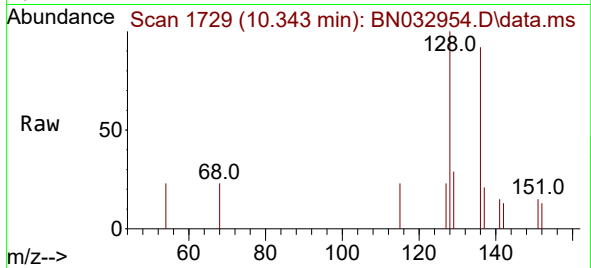




#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.020 min
Lab File: BN032954.D
Acq: 24 Jul 2024 18:24

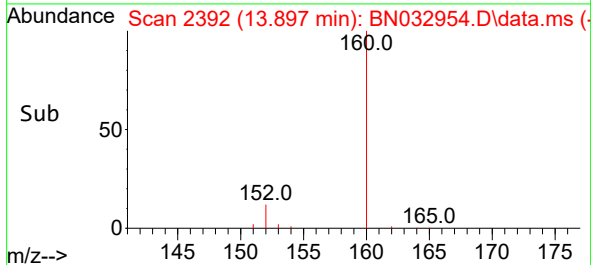
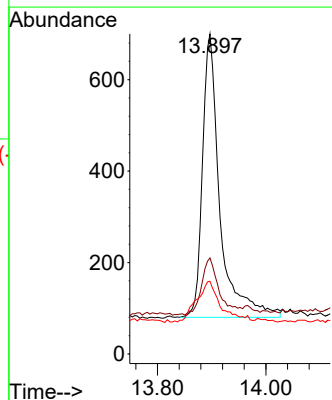
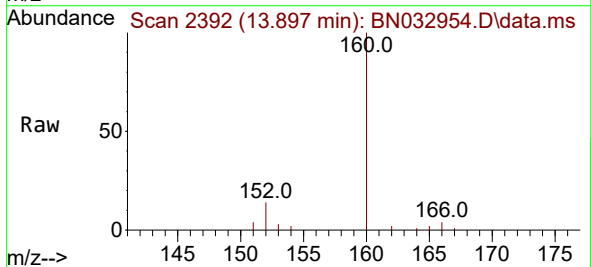
Instrument :
BNA_N
ClientSampleId :
A4D25DL

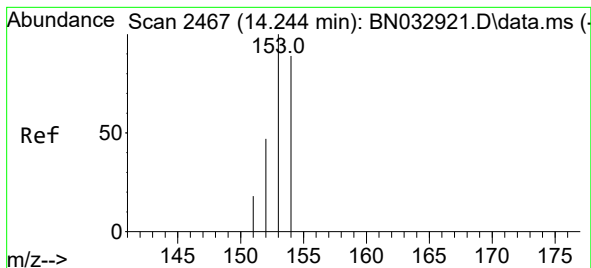
Tgt Ion:128 Resp: 1034
Ion Ratio Lower Upper
128 100
129 29.1 10.0 15.0#
127 23.3 11.6 17.4#



#10
Acenaphthylene
Concen: 0.053 ng/ul
RT: 13.897 min Scan# 2392
Delta R.T. -0.017 min
Lab File: BN032954.D
Acq: 24 Jul 2024 18:24

Tgt Ion:152 Resp: 1390
Ion Ratio Lower Upper
152 100
151 30.0 16.3 24.5#
153 22.7 11.3 16.9#





#11

Acenaphthene

Concen: 0.021 ng/ul

RT: 14.239 min Scan# 2466

Delta R.T. -0.012 min

Lab File: BN032954.D

Acq: 24 Jul 2024 18:24

Instrument :

BNA_N

ClientSampleId :

A4D25DL

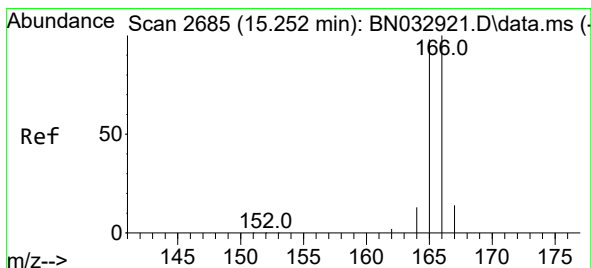
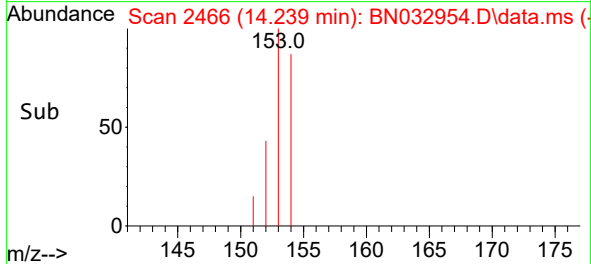
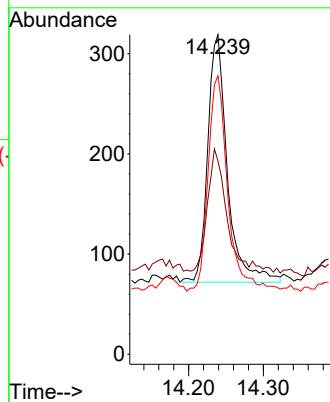
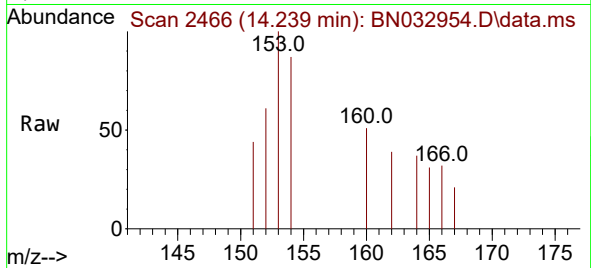
Tgt Ion:153 Resp: 450

Ion Ratio Lower Upper

153 100

152 60.5 40.0 60.0#

154 87.1 70.2 105.4



#12

Fluorene

Concen: 0.031 ng/ul

RT: 15.238 min Scan# 2682

Delta R.T. -0.022 min

Lab File: BN032954.D

Acq: 24 Jul 2024 18:24

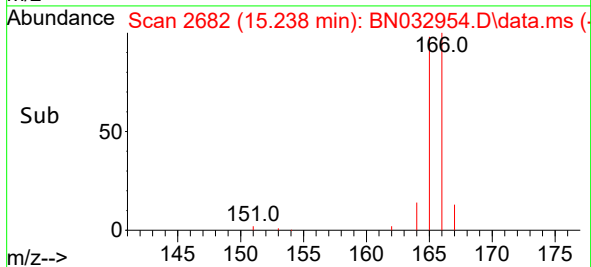
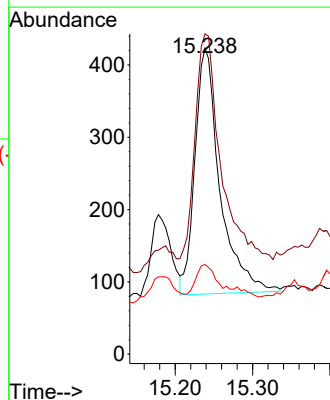
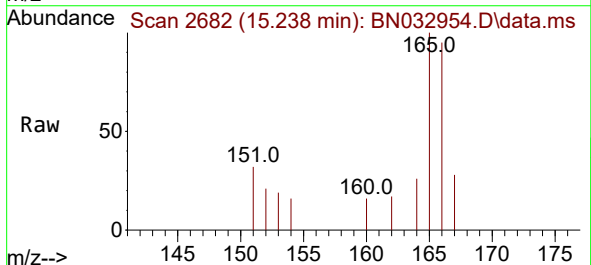
Tgt Ion:166 Resp: 763

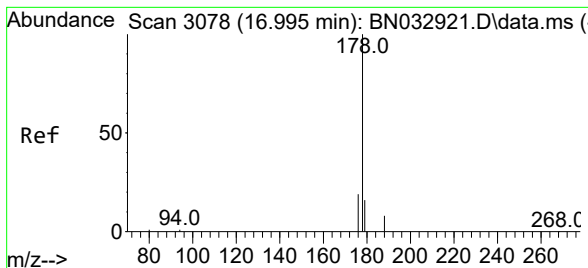
Ion Ratio Lower Upper

166 100

165 104.7 79.7 119.5

167 29.3 11.4 17.2#

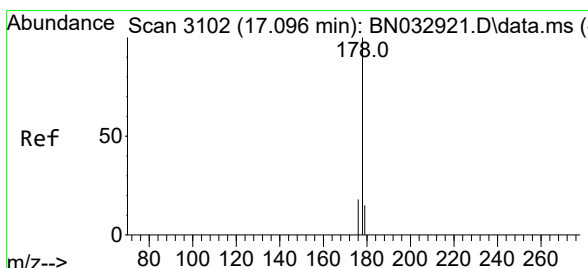
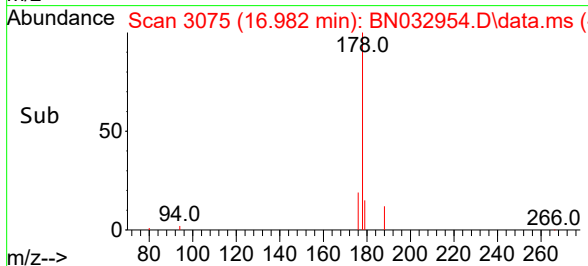
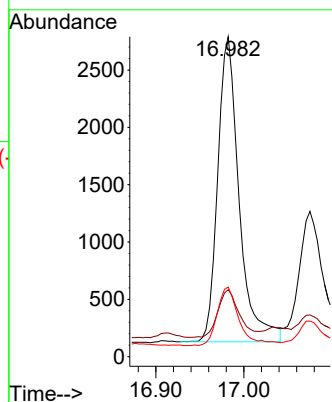
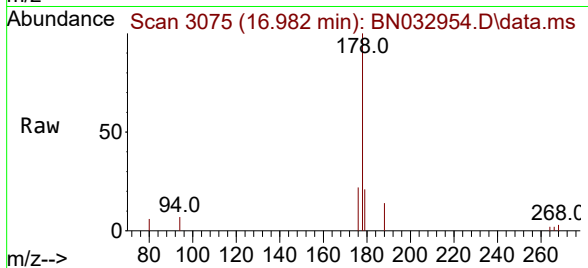




#15
 Phenanthrene
 Concen: 0.158 ng/ul
 RT: 16.982 min Scan# 3075
 Delta R.T. -0.020 min
 Lab File: BN032954.D
 Acq: 24 Jul 2024 18:24

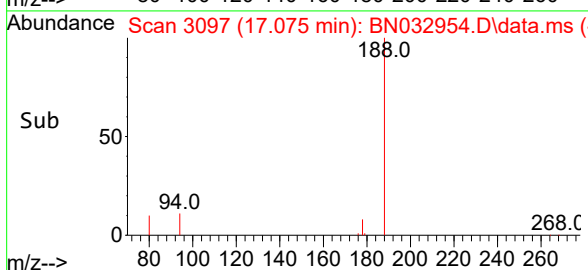
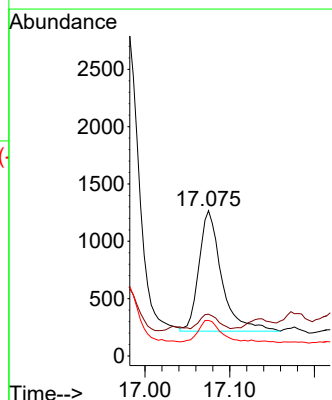
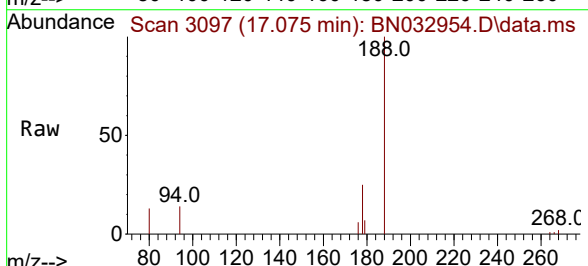
Instrument :
 BNA_N
 ClientSampleId :
 A4D25DL

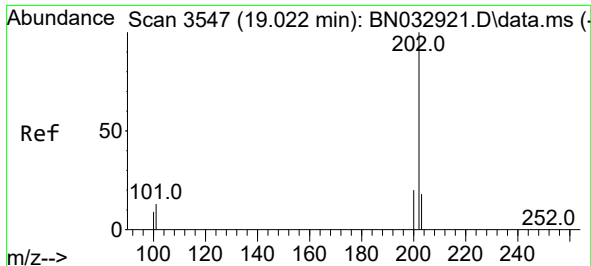
Tgt Ion:	178	Resp:	4507
Ion Ratio	Lower	Upper	
178	100		
179	21.0	13.0	19.4#
176	21.7	15.6	23.4



#16
 Anthracene
 Concen: 0.084 ng/ul
 RT: 17.075 min Scan# 3097
 Delta R.T. -0.024 min
 Lab File: BN032954.D
 Acq: 24 Jul 2024 18:24

Tgt Ion:	178	Resp:	1958
Ion Ratio	Lower	Upper	
178	100		
179	28.7	13.4	20.2#
176	24.4	15.4	23.0#

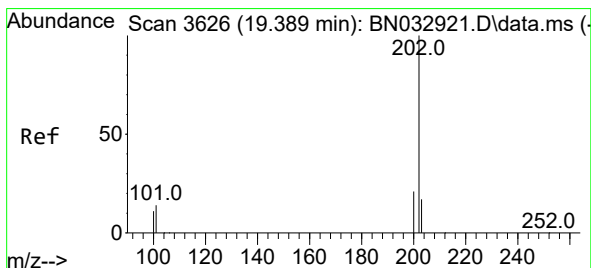
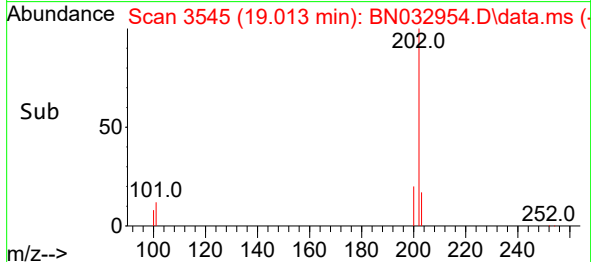
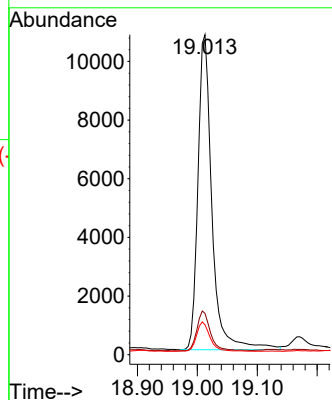
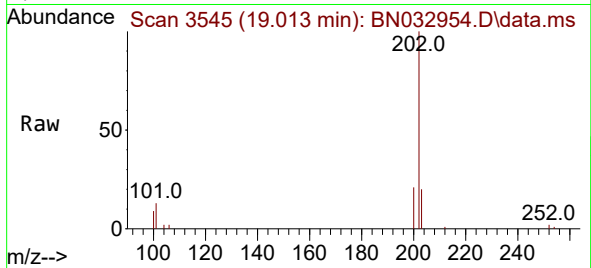




#19
Fluoranthene
Concen: 0.453 ng/ul
RT: 19.013 min Scan# 3545
Delta R.T. -0.012 min
Lab File: BN032954.D
Acq: 24 Jul 2024 18:24

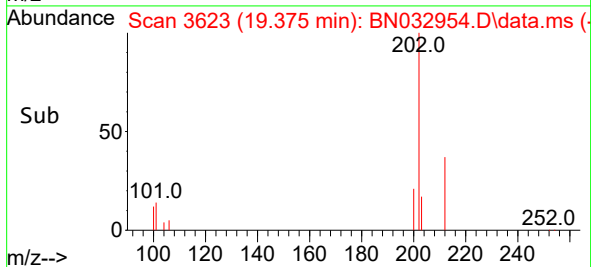
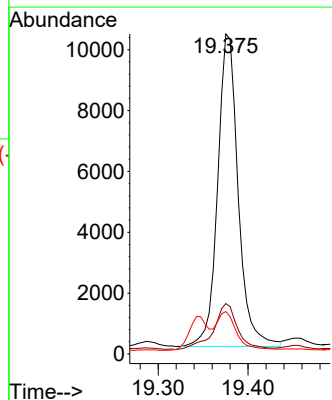
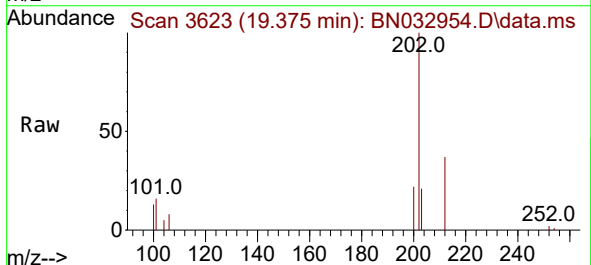
Instrument :
BNA_N
ClientSampleId :
A4D25DL

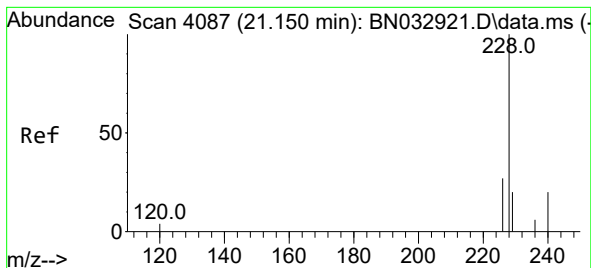
Tgt Ion:202 Resp: 17497
Ion Ratio Lower Upper
202 100
101 12.9 9.8 14.8
100 9.3 7.9 11.9



#20
Pyrene
Concen: 0.407 ng/ul
RT: 19.375 min Scan# 3623
Delta R.T. -0.017 min
Lab File: BN032954.D
Acq: 24 Jul 2024 18:24

Tgt Ion:202 Resp: 16285
Ion Ratio Lower Upper
202 100
101 15.7 11.8 17.6
100 13.2 9.6 14.4





#21

Benzo(a)anthracene

Concen: 0.321 ng/ul

RT: 21.144 min Scan# 4087

Delta R.T. -0.006 min

Lab File: BN032954.D

Acq: 24 Jul 2024 18:24

Instrument :

BNA_N

ClientSampleId :

A4D25DL

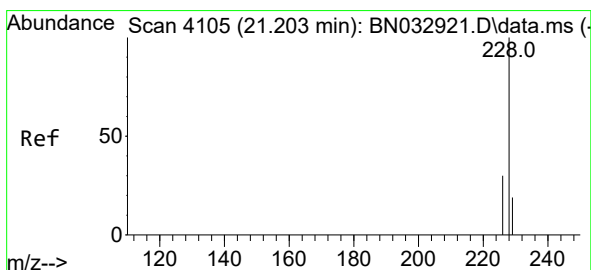
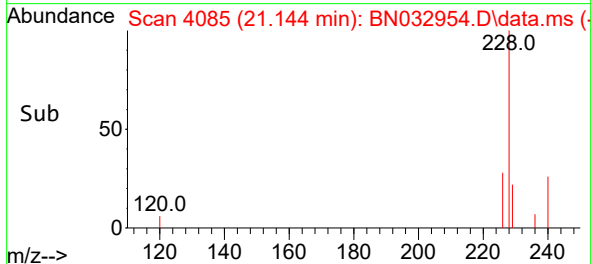
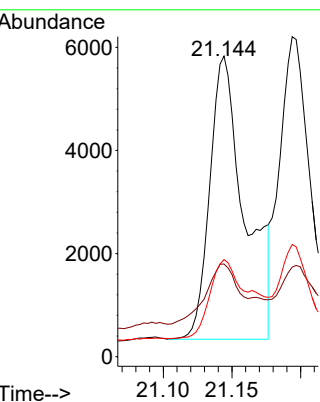
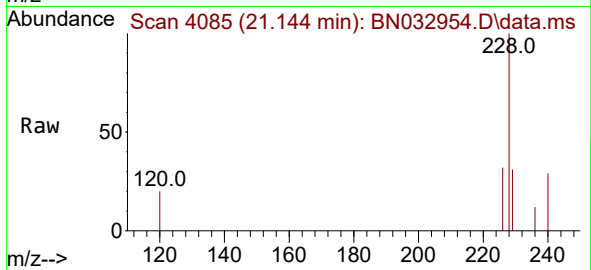
Tgt Ion:228 Resp: 9706

Ion Ratio Lower Upper

228 100

229 30.8 16.1 24.1#

226 32.3 21.9 32.9



#22

Chrysene

Concen: 0.218 ng/ul

RT: 21.194 min Scan# 4102

Delta R.T. -0.009 min

Lab File: BN032954.D

Acq: 24 Jul 2024 18:24

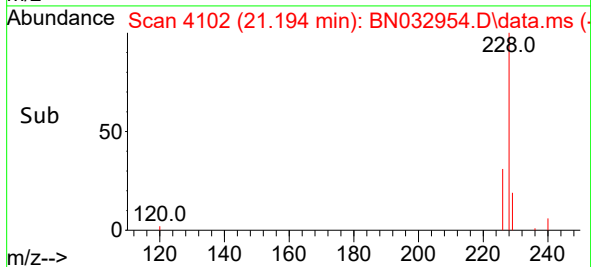
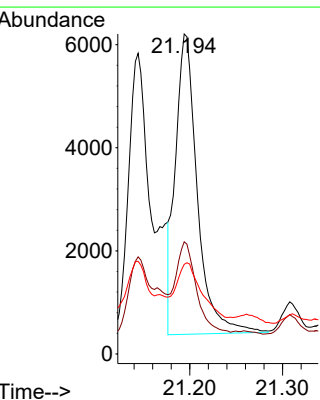
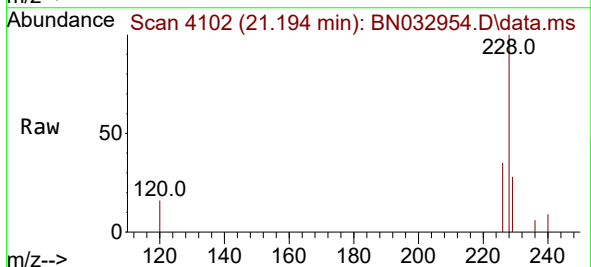
Tgt Ion:228 Resp: 9551

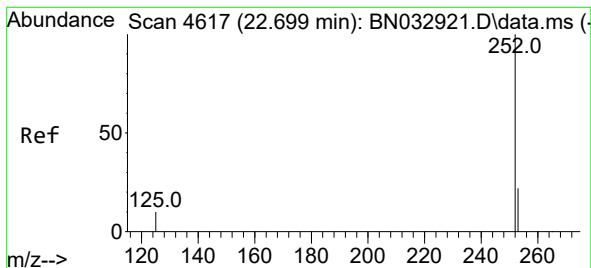
Ion Ratio Lower Upper

228 100

226 35.1 24.0 36.0

229 28.0 15.8 23.6#





#24

Benzo(b)fluoranthene

Concen: 0.393 ng/ul

RT: 22.699 min Scan# 4617

Delta R.T. -0.000 min

Lab File: BN032954.D

Acq: 24 Jul 2024 18:24

Instrument :

BN032954.D

ClientSampleId :

A4D25DL

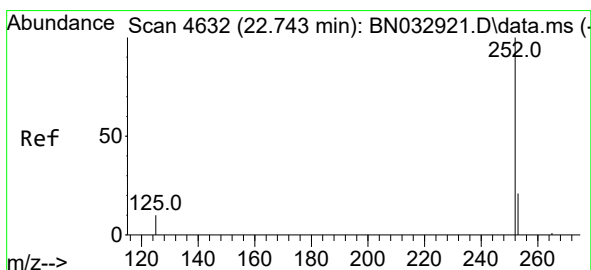
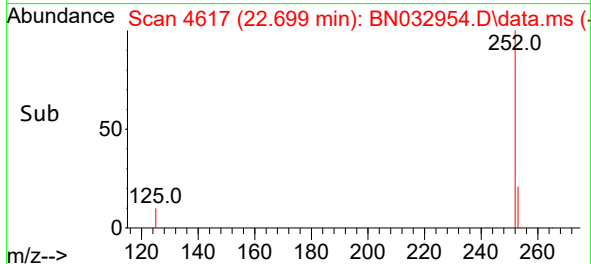
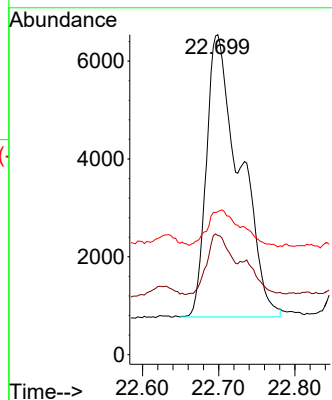
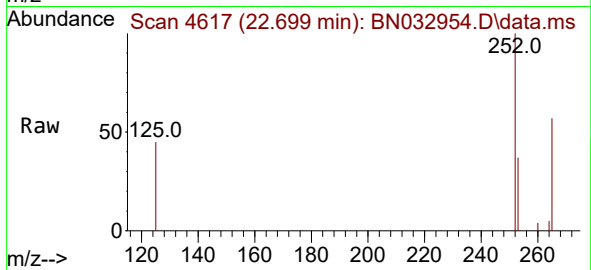
Tgt Ion:252 Resp: 17564

Ion Ratio Lower Upper

252 100

253 37.2 0.0 54.0

125 44.6 0.0 36.0#



#25

Benzo(k)fluoranthene

Concen: 0.258 ng/ul

RT: 22.699 min Scan# 4617

Delta R.T. -0.041 min

Lab File: BN032954.D

Acq: 24 Jul 2024 18:24

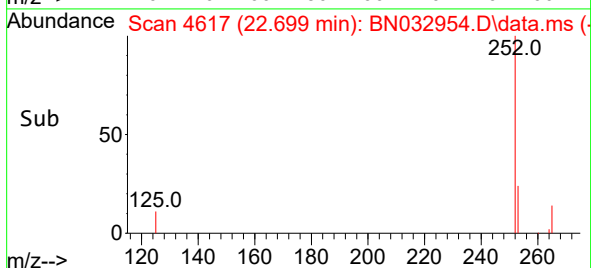
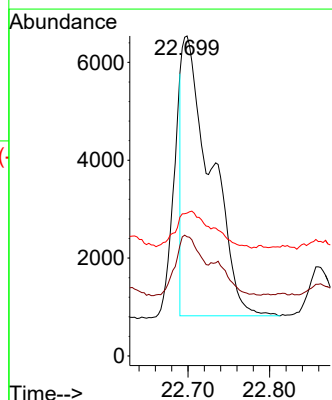
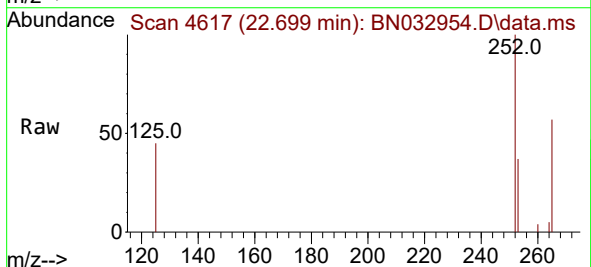
Tgt Ion:252 Resp: 14015

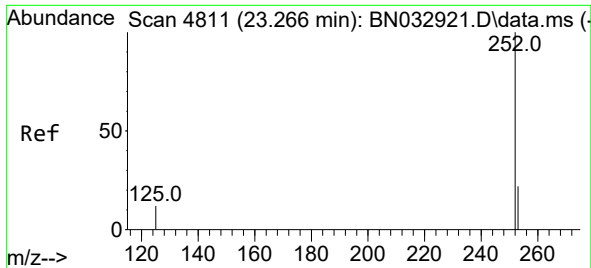
Ion Ratio Lower Upper

252 100

253 37.2 21.2 31.8#

125 44.6 14.8 22.2#

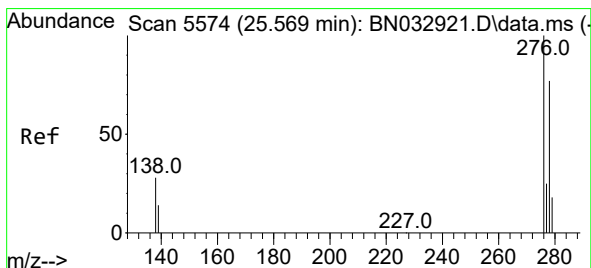
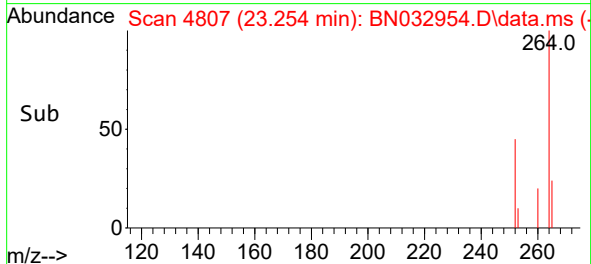
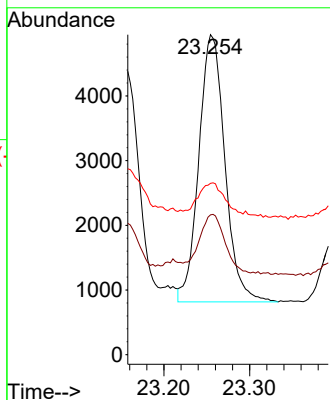
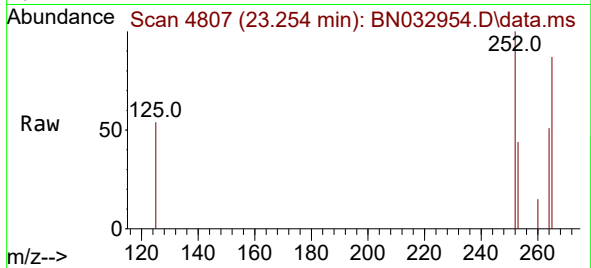




#26
Benzo(a)pyrene
Concen: 0.226 ng/ul
RT: 23.254 min Scan# 4807
Delta R.T. -0.009 min
Lab File: BN032954.D
Acq: 24 Jul 2024 18:24

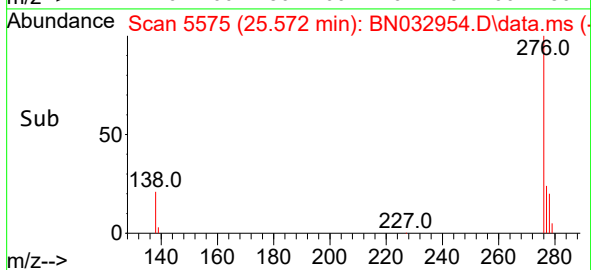
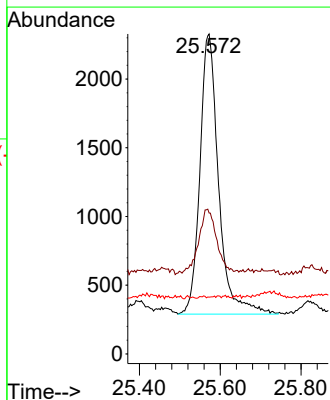
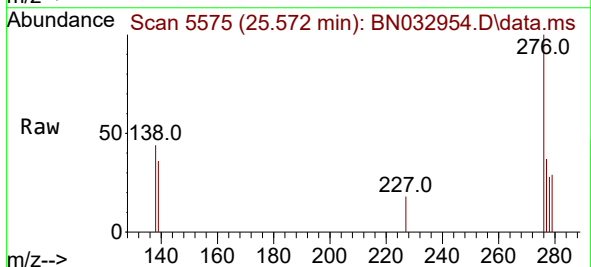
Instrument :
BNA_N
ClientSampleId :
A4D25DL

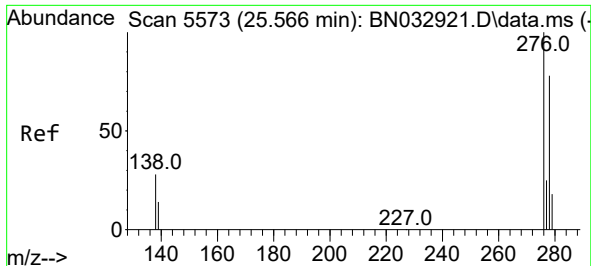
Tgt Ion:252 Resp: 8735
Ion Ratio Lower Upper
252 100
253 43.7 25.4 38.0#
125 53.6 20.6 30.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.125 ng/ul
RT: 25.572 min Scan# 5575
Delta R.T. 0.003 min
Lab File: BN032954.D
Acq: 24 Jul 2024 18:24

Tgt Ion:276 Resp: 6522
Ion Ratio Lower Upper
276 100
138 22.2 21.6 32.4
227 0.3 0.0 0.0#

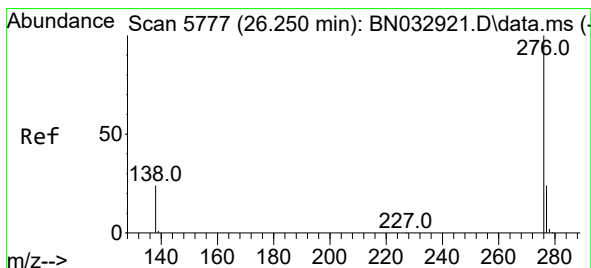
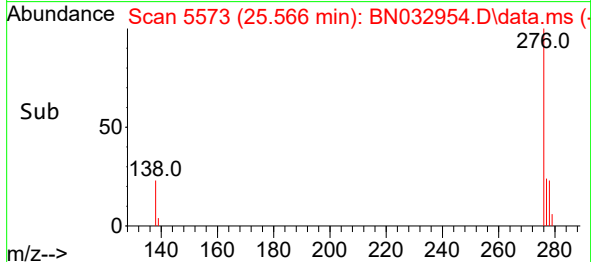
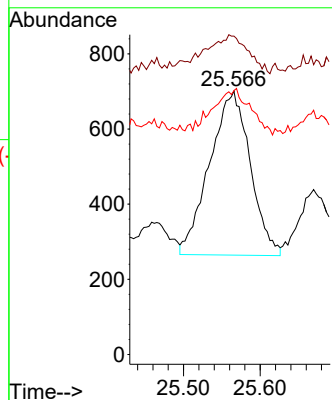
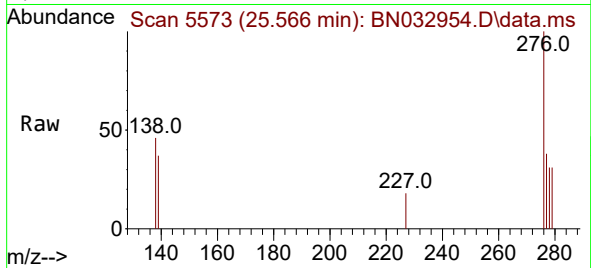




#28
Dibenzo(a,h)anthracene
Concen: 0.040 ng/ul
RT: 25.566 min Scan# 51
Delta R.T. -0.004 min
Lab File: BN032954.D
Acq: 24 Jul 2024 18:24

Instrument :
BNA_N
ClientSampleId :
A4D25DL

Tgt Ion:278 Resp: 1603
Ion Ratio Lower Upper
278 100
139 120.8 16.6 24.8#
279 100.1 23.7 35.5#



#29
Benzo(g,h,i)perylene
Concen: 0.144 ng/ul
RT: 26.246 min Scan# 5776
Delta R.T. -0.004 min
Lab File: BN032954.D
Acq: 24 Jul 2024 18:24

Tgt Ion:276 Resp: 6277
Ion Ratio Lower Upper
276 100
138 49.2 21.0 31.4#
277 40.3 20.6 31.0#

