

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032736.D
 Acq On : 16 Jul 2024 12:12
 Operator : MA/JU
 Sample : P3177-22
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4DQ2

Quant Time: Jul 16 12:40:53 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)

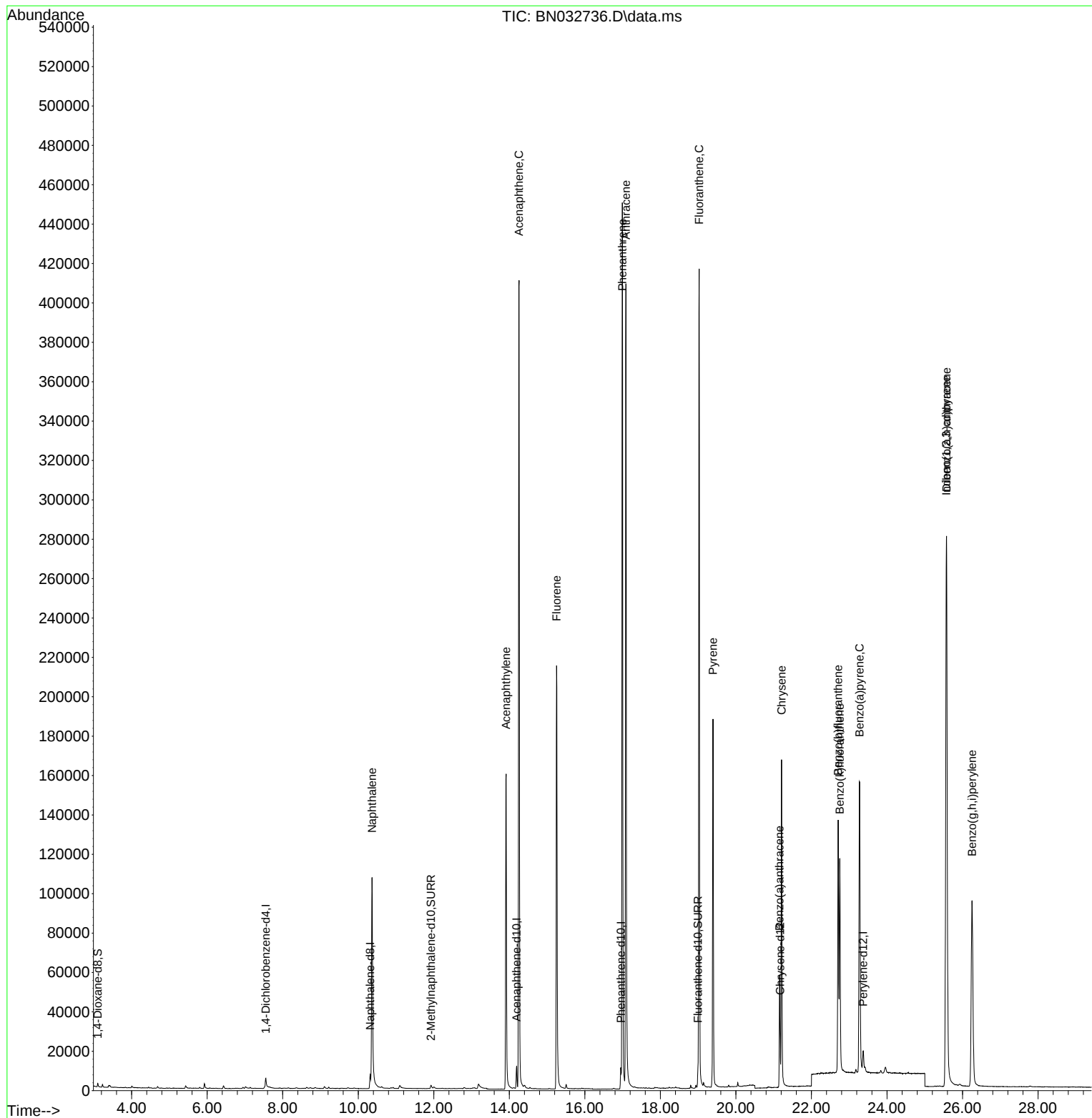
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	3999	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.316	136	12104	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.193	164	6552	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.953	188	13384	0.400	ng/ul	-0.04
17) Chrysene-d12	21.174	240	12347	0.400	ng/ul	-0.02
23) Perylene-d12	23.371	264	14897	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	1333	0.278	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	3558	0.194	ng/ul	-0.04
18) Fluoranthene-d10	18.994	212	11001	0.273	ng/ul	-0.03
Target Compounds						Qvalue
5) Naphthalene	10.365	128	186121	5.726	ng/ul	97
10) Acenaphthylene	13.915	152	198617	7.504	ng/ul	98
11) Acenaphthene	14.258	153	260561	11.903	ng/ul	98
12) Fluorene	15.252	166	157216	6.283	ng/ul	99
15) Phenanthrene	16.995	178	488795	13.410	ng/ul	98
16) Anthracene	17.088	178	466659	15.671	ng/ul	97
19) Fluoranthene	19.027	202	372195	7.414	ng/ul	97
20) Pyrene	19.394	202	167982	3.233	ng/ul	97
21) Benzo(a)anthracene	21.156	228	49443	1.258	ng/ul	99
22) Chrysene	21.209	228	156177	2.747	ng/ul	100
24) Benzo(b)fluoranthene	22.708	252	159959	3.043	ng/ul	90
25) Benzo(k)fluoranthene	22.752	252	139876	2.184	ng/ul	93
26) Benzo(a)pyrene	23.272	252	228769	5.029	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.572	276	283125	4.597	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.576	278	269914	5.654	ng/ul#	91
29) Benzo(g,h,i)perylene	26.253	276	203884	3.961	ng/ul	95

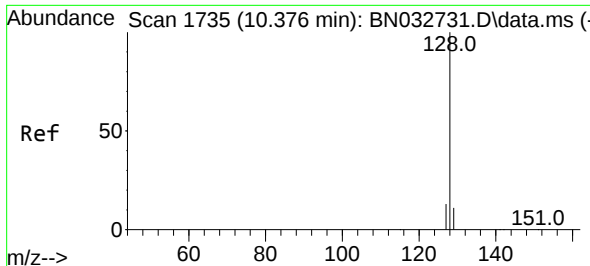
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

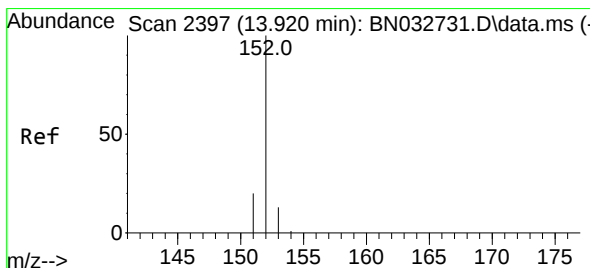
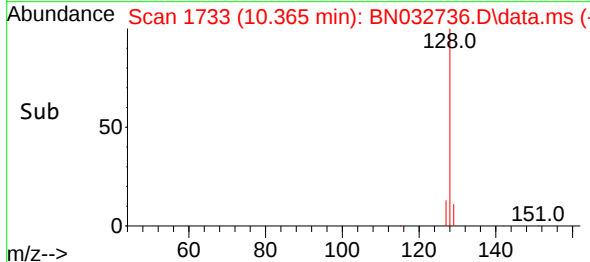
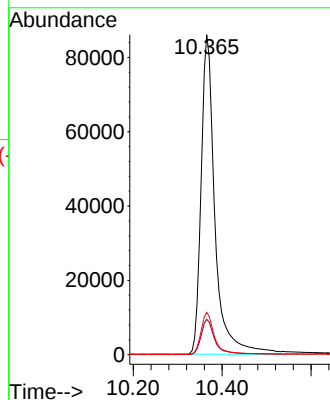
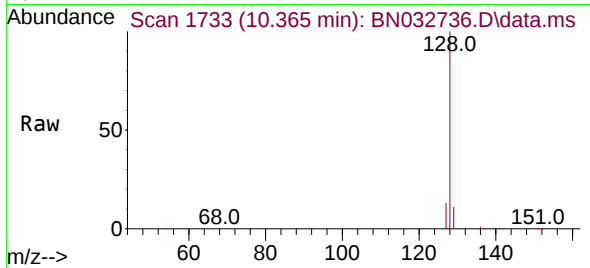




#5
Naphthalene
Concen: 5.726 ng/ul
RT: 10.365 min Scan# 11
Delta R.T. -0.044 min
Lab File: BN032736.D
Acq: 16 Jul 2024 12:12

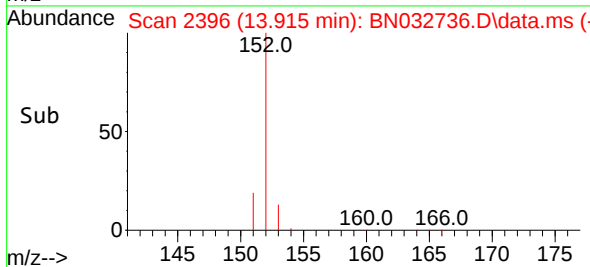
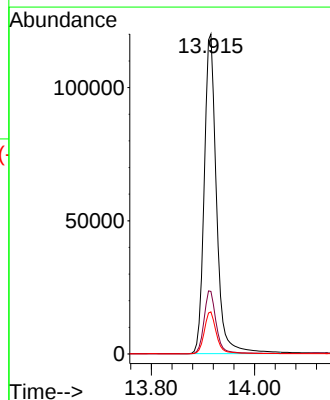
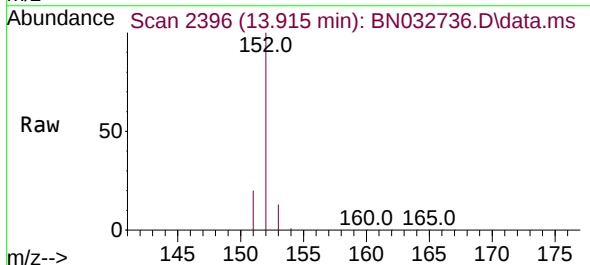
Instrument :
BNA_N
ClientSampleId :
A4DQ2

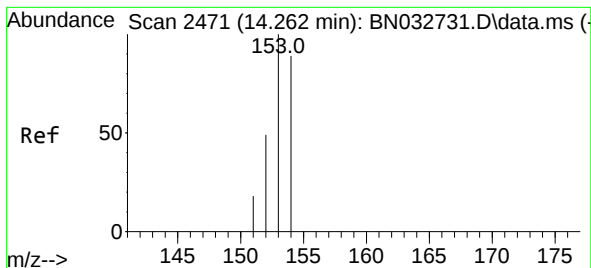
Tgt Ion:128 Resp: 186121
Ion Ratio Lower Upper
128 100
129 11.0 10.0 15.0
127 13.2 11.6 17.4



#10
Acenaphthylene
Concen: 7.504 ng/ul
RT: 13.915 min Scan# 2396
Delta R.T. -0.028 min
Lab File: BN032736.D
Acq: 16 Jul 2024 12:12

Tgt Ion:152 Resp: 198617
Ion Ratio Lower Upper
152 100
151 19.5 16.3 24.5
153 13.1 11.3 16.9





#11

Acenaphthene

Concen: 11.903 ng/u1

RT: 14.258 min Scan# 2470

Delta R.T. -0.023 min

Lab File: BN032736.D

Acq: 16 Jul 2024 12:12

Instrument :

BNA_N

ClientSampleId :

A4DQ2

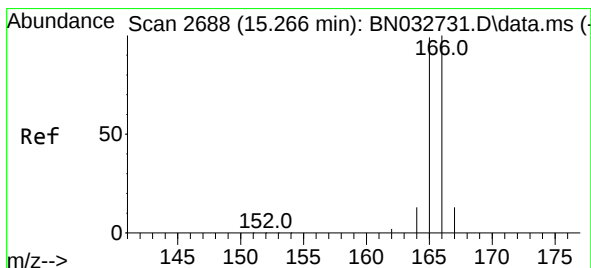
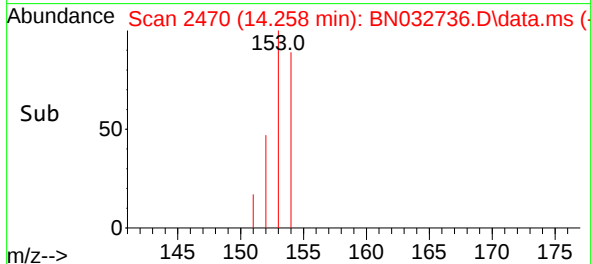
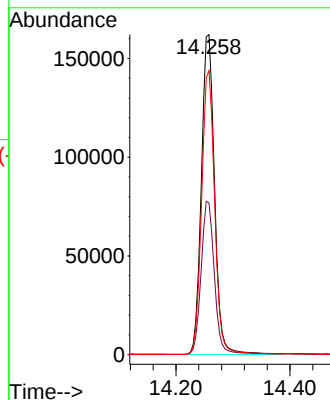
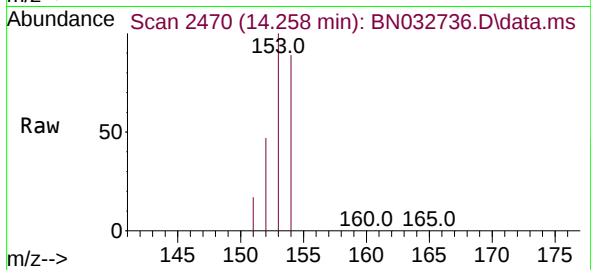
Tgt Ion:153 Resp: 260561

Ion Ratio Lower Upper

153 100

152 47.5 40.0 60.0

154 88.7 70.2 105.4



#12

Fluorene

Concen: 6.283 ng/u1

RT: 15.252 min Scan# 2685

Delta R.T. -0.037 min

Lab File: BN032736.D

Acq: 16 Jul 2024 12:12

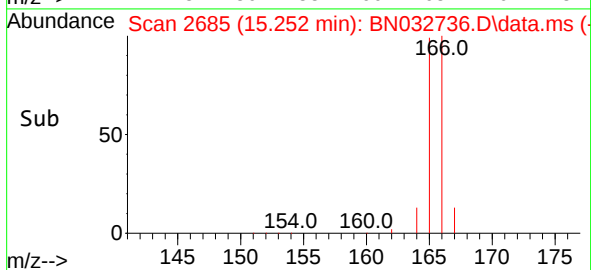
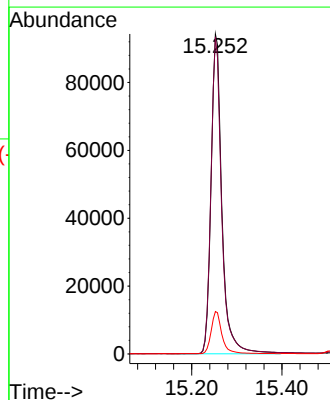
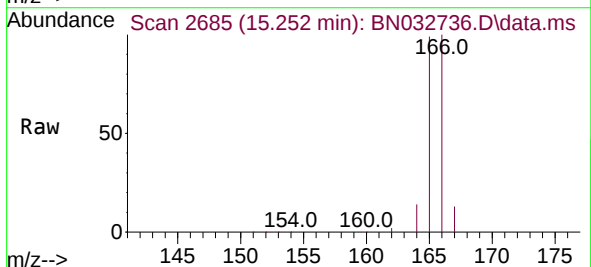
Tgt Ion:166 Resp: 157216

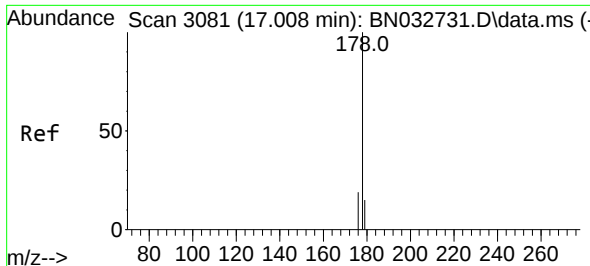
Ion Ratio Lower Upper

166 100

165 99.1 79.7 119.5

167 13.2 11.4 17.2

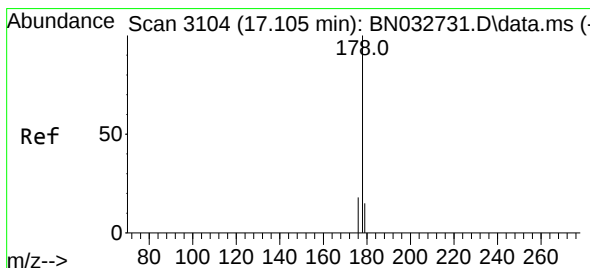
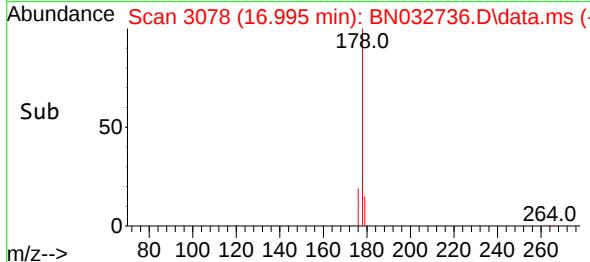
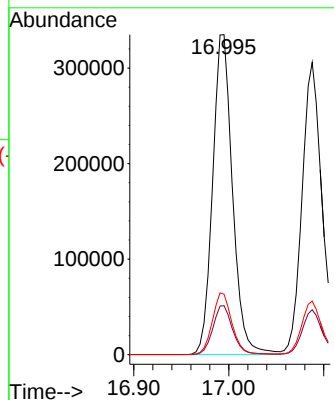
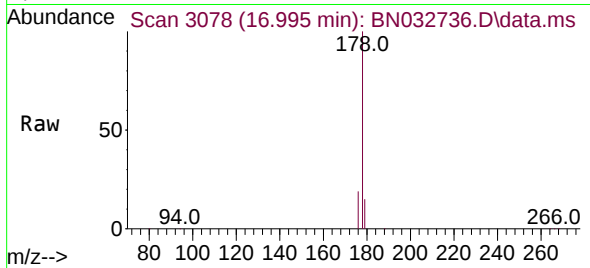




#15
Phenanthrene
Concen: 13.410 ng/ul
RT: 16.995 min Scan# 3081
Delta R.T. -0.034 min
Lab File: BN032736.D
Acq: 16 Jul 2024 12:12

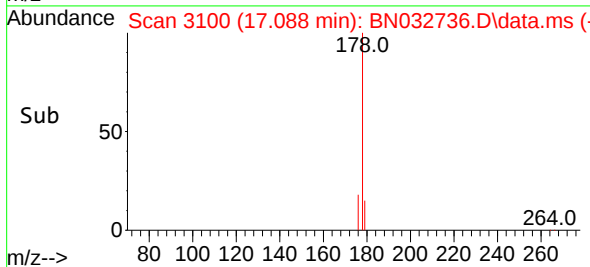
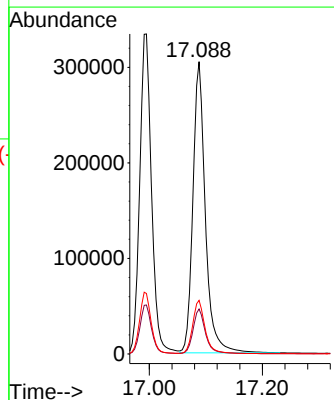
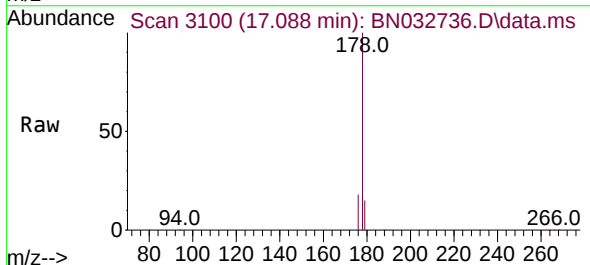
Instrument :
BNA_N
ClientSampleId :
A4DQ2

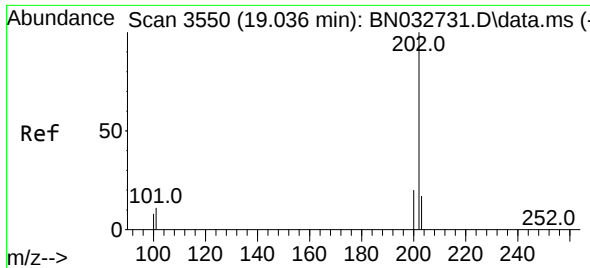
Tgt Ion:178 Resp: 488795
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.4
176 18.9 15.6 23.4



#16
Anthracene
Concen: 15.671 ng/ul
RT: 17.088 min Scan# 3100
Delta R.T. -0.051 min
Lab File: BN032736.D
Acq: 16 Jul 2024 12:12

Tgt Ion:178 Resp: 466659
Ion Ratio Lower Upper
178 100
179 15.4 13.4 20.2
176 18.3 15.4 23.0

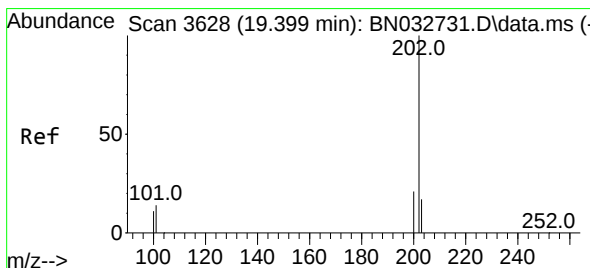
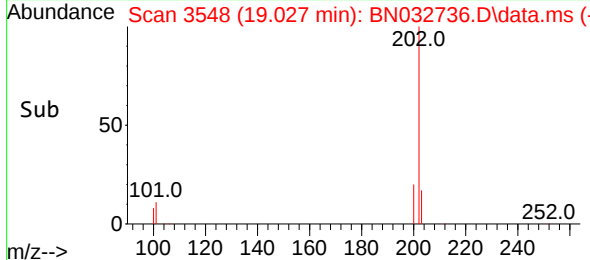
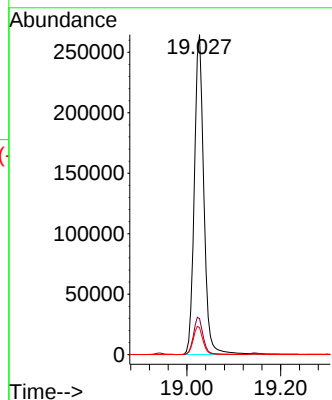
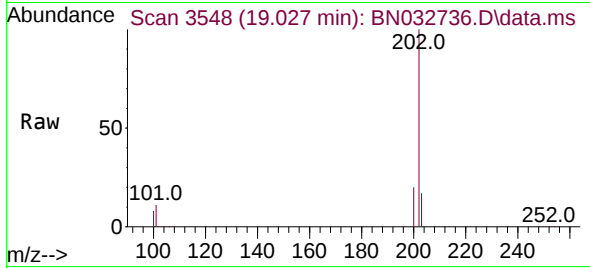




#19
Fluoranthene
Concen: 7.414 ng/u1
RT: 19.027 min Scan# 3548
Delta R.T. -0.028 min
Lab File: BN032736.D
Acq: 16 Jul 2024 12:12

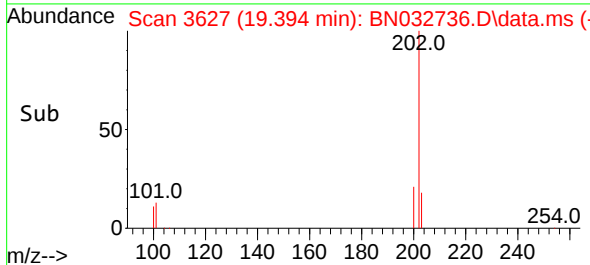
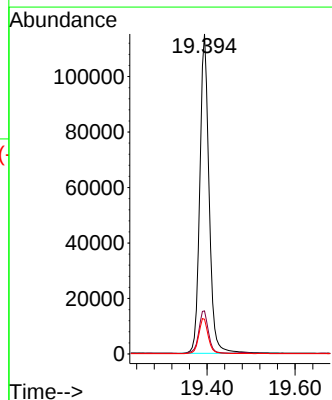
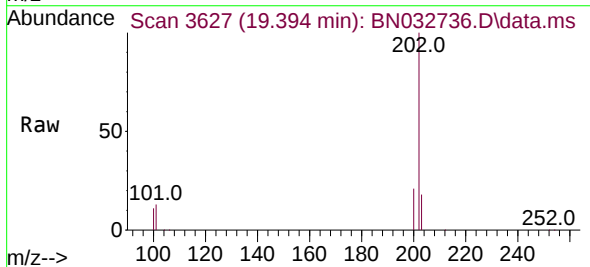
Instrument :
BNA_N
ClientSampleId :
A4DQ2

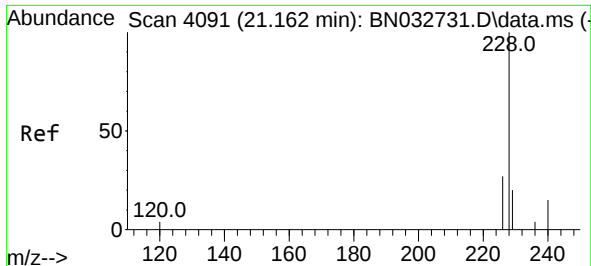
Tgt Ion:202 Resp: 372195
Ion Ratio Lower Upper
202 100
101 11.2 9.8 14.8
100 8.5 7.9 11.9



#20
Pyrene
Concen: 3.233 ng/u1
RT: 19.394 min Scan# 3627
Delta R.T. -0.028 min
Lab File: BN032736.D
Acq: 16 Jul 2024 12:12

Tgt Ion:202 Resp: 167982
Ion Ratio Lower Upper
202 100
101 13.5 11.8 17.6
100 10.9 9.6 14.4

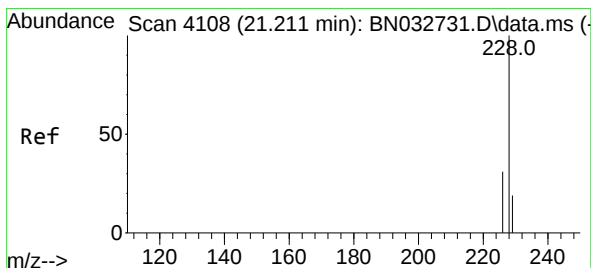
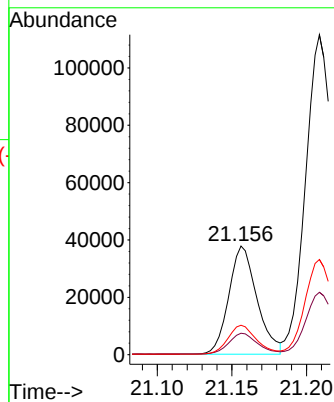
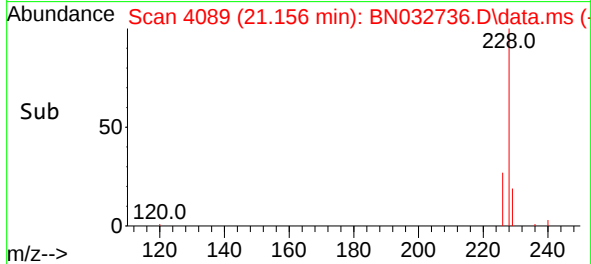
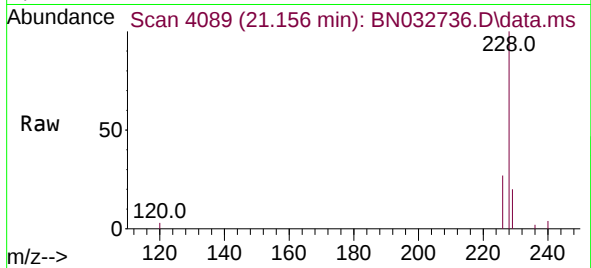




#21
Benzo(a)anthracene
Concen: 1.258 ng/ul
RT: 21.156 min Scan# 4091
Delta R.T. -0.026 min
Lab File: BN032736.D
Acq: 16 Jul 2024 12:12

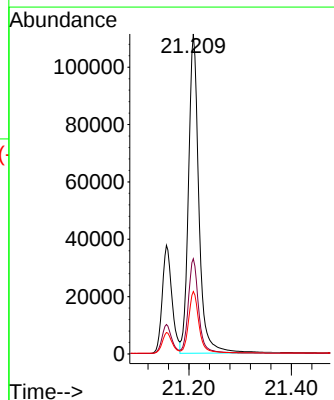
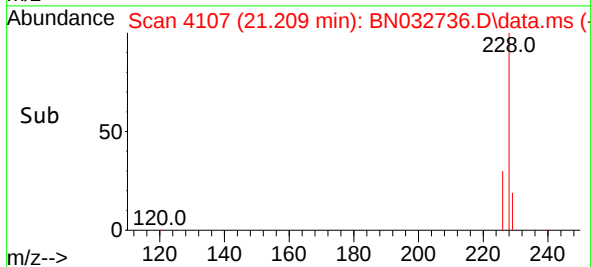
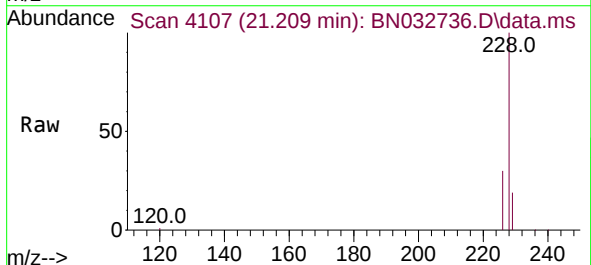
Instrument :
BNA_N
ClientSampleId :
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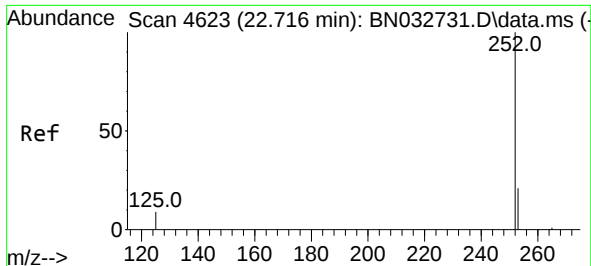
Tgt Ion:228 Resp: 49443
Ion Ratio Lower Upper
228 100
229 19.8 16.1 24.1
226 27.2 21.9 32.9



#22
Chrysene
Concen: 2.747 ng/ul
RT: 21.209 min Scan# 4107
Delta R.T. -0.023 min
Lab File: BN032736.D
Acq: 16 Jul 2024 12:12

Tgt Ion:228 Resp: 156177
Ion Ratio Lower Upper
228 100
226 29.7 24.0 36.0
229 19.5 15.8 23.6

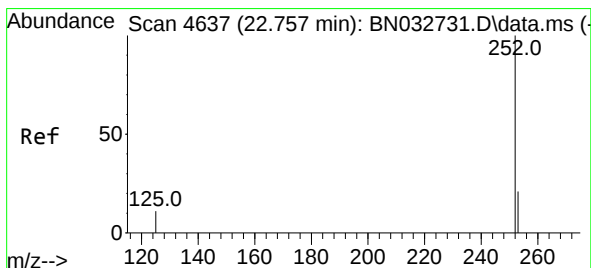
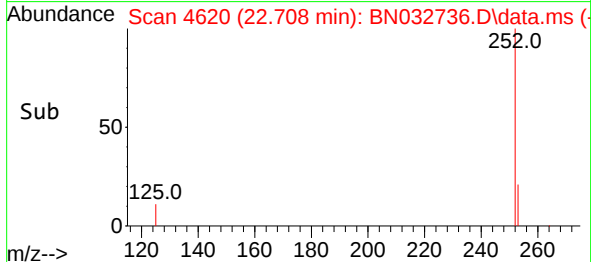
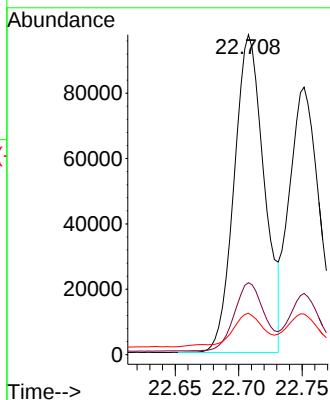
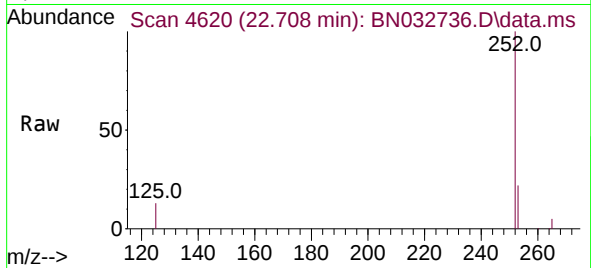




#24
Benzo(b)fluoranthene
Concen: 3.043 ng/ul
RT: 22.708 min Scan# 4620
Delta R.T. -0.026 min
Lab File: BN032736.D
Acq: 16 Jul 2024 12:12

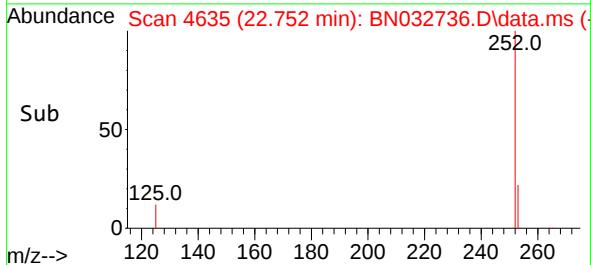
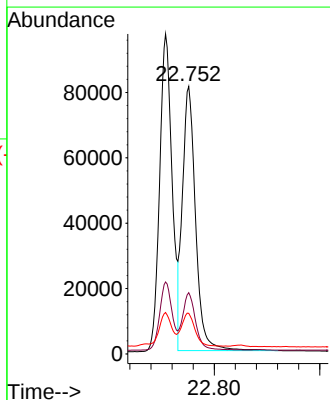
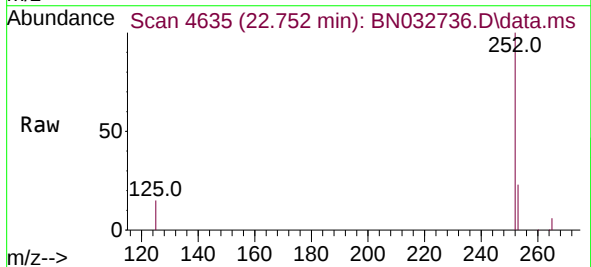
Instrument :
BNA_N
ClientSampleId :
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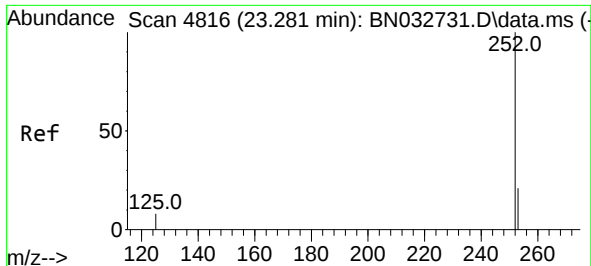
Tgt Ion:252 Resp: 159959
Ion Ratio Lower Upper
252 100
253 22.5 0.0 54.0
125 13.0 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 2.184 ng/ul
RT: 22.752 min Scan# 4635
Delta R.T. -0.026 min
Lab File: BN032736.D
Acq: 16 Jul 2024 12:12

Tgt Ion:252 Resp: 139876
Ion Ratio Lower Upper
252 100
253 22.9 21.2 31.8
125 15.2 14.8 22.2

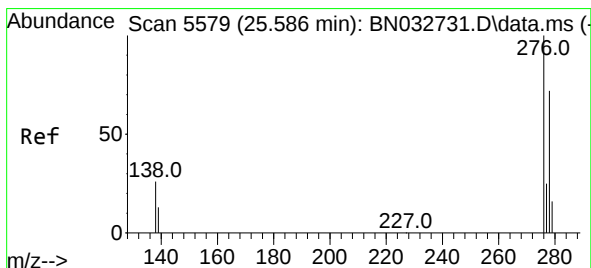
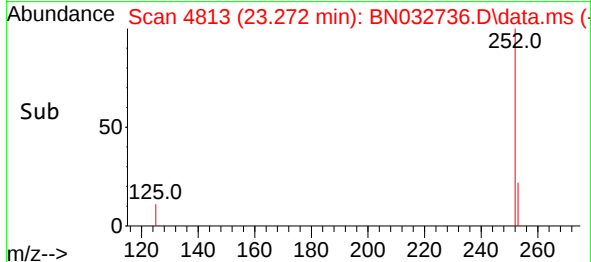
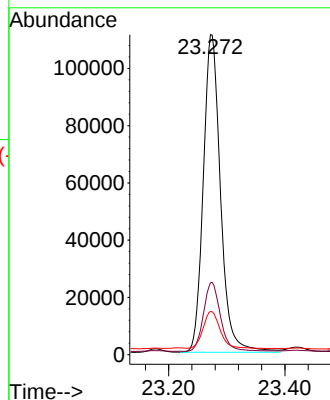
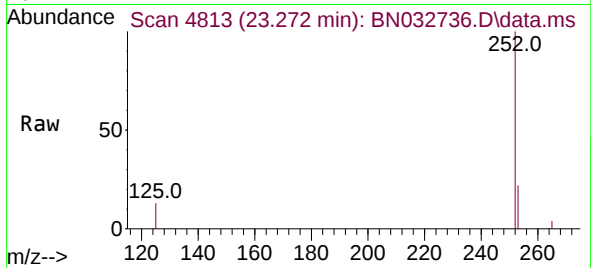




#26
Benzo(a)pyrene
Concen: 5.029 ng/ul
RT: 23.272 min Scan# 4816
Delta R.T. -0.038 min
Lab File: BN032736.D
Acq: 16 Jul 2024 12:12

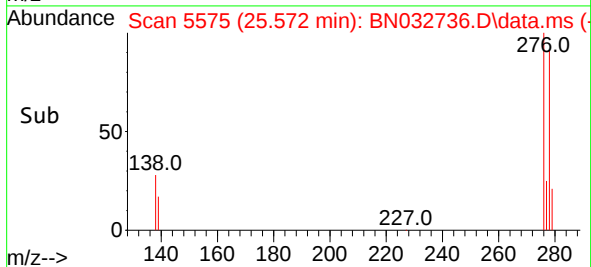
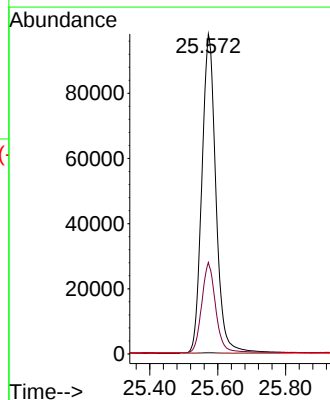
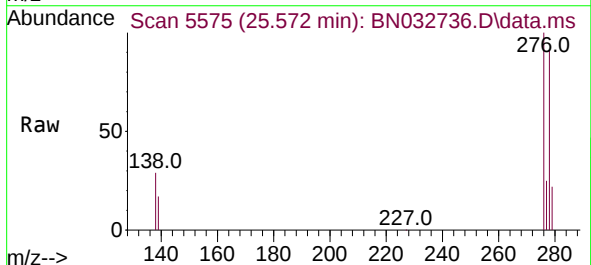
Instrument :
BNA_N
ClientSampleId :
A4DQ2

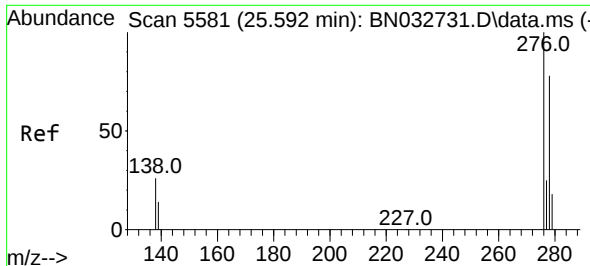
Tgt Ion:252 Resp: 228769
Ion Ratio Lower Upper
252 100
253 22.5 25.4 38.0#
125 13.5 20.6 30.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.597 ng/ul
RT: 25.572 min Scan# 5575
Delta R.T. -0.054 min
Lab File: BN032736.D
Acq: 16 Jul 2024 12:12

Tgt Ion:276 Resp: 283125
Ion Ratio Lower Upper
276 100
138 28.0 21.6 32.4
227 0.2 0.0 0.0#

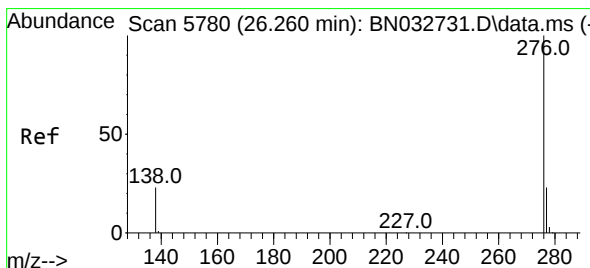
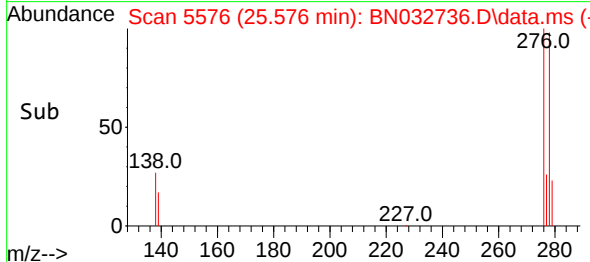
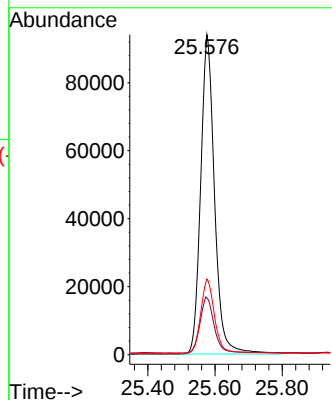
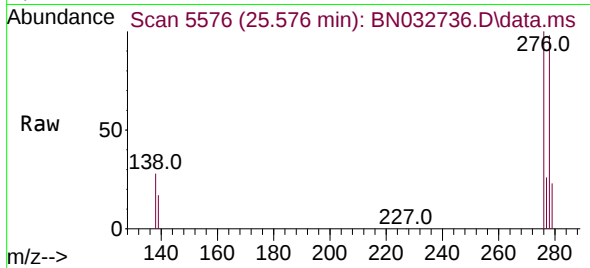




#28
Dibenzo(a,h)anthracene
Concen: 5.654 ng/ul
RT: 25.576 min Scan# 51
Delta R.T. -0.064 min
Lab File: BN032736.D
Acq: 16 Jul 2024 12:12

Instrument :
BNA_N
ClientSampleId :
A4DQ2

Tgt Ion:278 Resp: 269914
Ion Ratio Lower Upper
278 100
139 17.8 16.6 24.8
279 23.6 23.7 35.5#



#29
Benzo(g,h,i)perylene
Concen: 3.961 ng/ul
RT: 26.253 min Scan# 5778
Delta R.T. -0.047 min
Lab File: BN032736.D
Acq: 16 Jul 2024 12:12

Tgt Ion:276 Resp: 203884
Ion Ratio Lower Upper
276 100
138 23.4 21.0 31.4
277 23.8 20.6 31.0

