

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032433.D
 Acq On : 03 Jul 2024 12:04
 Operator : MA/JU
 Sample : P2963-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4DN8

Quant Time: Jul 03 12:36:46 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)

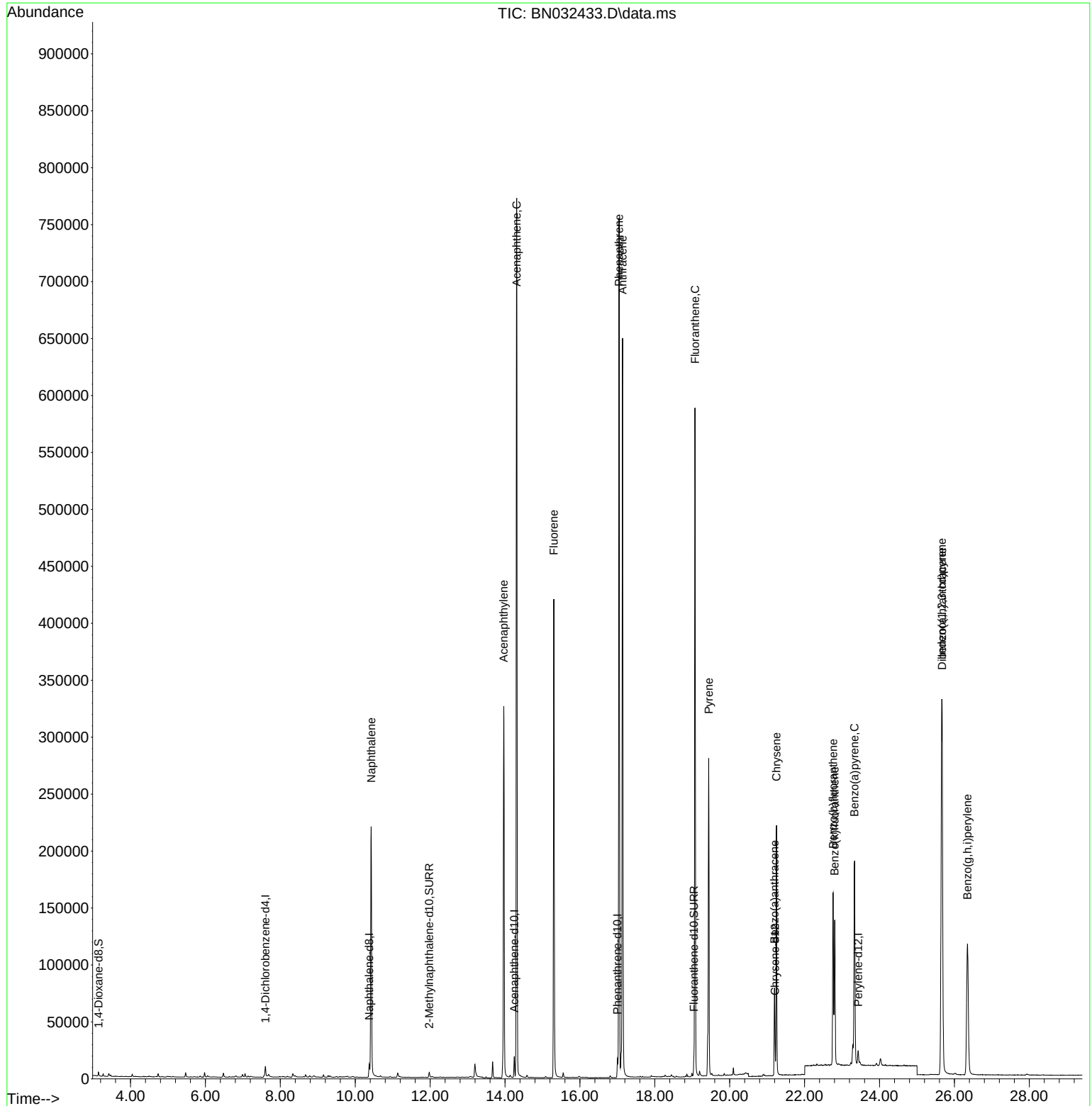
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	5353	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	16929	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.248	164	10114	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	20012	0.400	ng/ul	0.00
17) Chrysene-d12	21.211	240	14327	0.400	ng/ul	# 0.00
23) Perylene-d12	23.430	264	16012	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	2534	0.426	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	6727	0.265	ng/ul	0.00
18) Fluoranthene-d10	19.045	212	16152	0.375	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.426	128	321526	7.177	ng/ul	99
10) Acenaphthylene	13.966	152	375480	8.926	ng/ul	99
11) Acenaphthene	14.313	153	464826	14.238	ng/ul	98
12) Fluorene	15.303	166	282331	7.258	ng/ul	99
15) Phenanthrene	17.045	178	783433	14.279	ng/ul	99
16) Anthracene	17.138	178	718170	14.675	ng/ul	99
19) Fluoranthene	19.073	202	527844	9.675	ng/ul	99
20) Pyrene	19.440	202	234362	4.111	ng/ul	99
21) Benzo(a)anthracene	21.197	228	64006	1.238	ng/ul	99
22) Chrysene	21.249	228	187723	3.308	ng/ul	100
24) Benzo(b)fluoranthene	22.763	252	191504	2.753	ng/ul	95
25) Benzo(k)fluoranthene	22.804	252	159217	2.356	ng/ul	96
26) Benzo(a)pyrene	23.333	252	263398	5.442	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.663	276	340651	4.495	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.673	278	323212	5.740	ng/ul	96
29) Benzo(g,h,i)perylene	26.350	276	247858	4.106	ng/ul	99

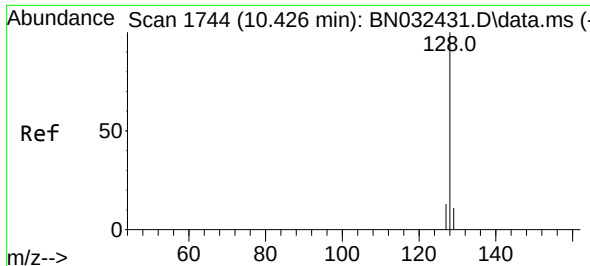
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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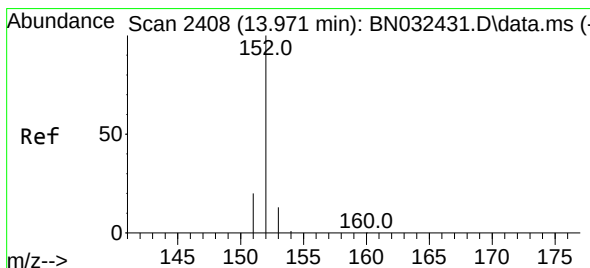
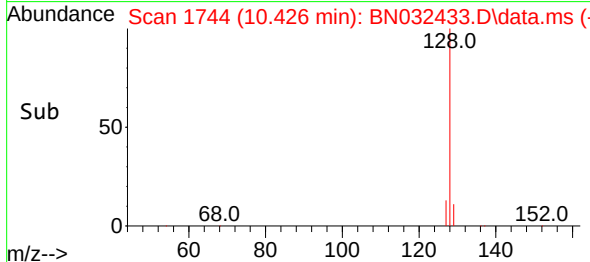
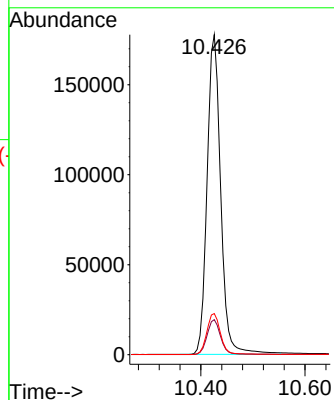
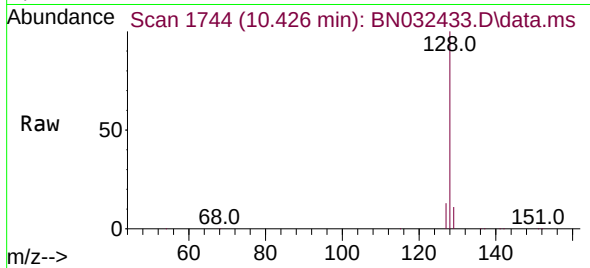




#5
Naphthalene
Concen: 7.177 ng/ul
RT: 10.426 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN032433.D
Acq: 03 Jul 2024 12:04

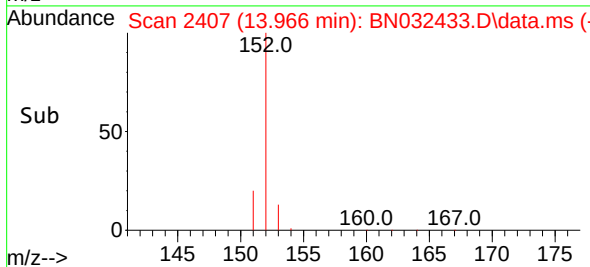
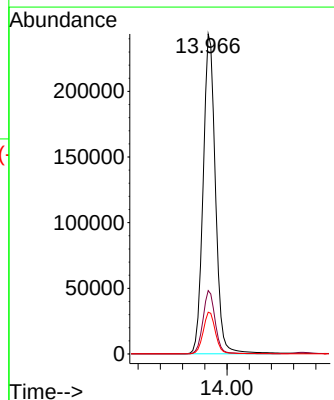
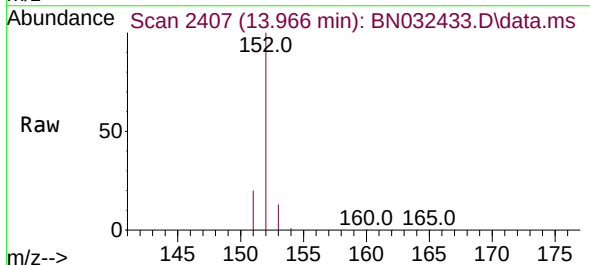
Instrument :
BNA_N
ClientSampleId :
A4DN8

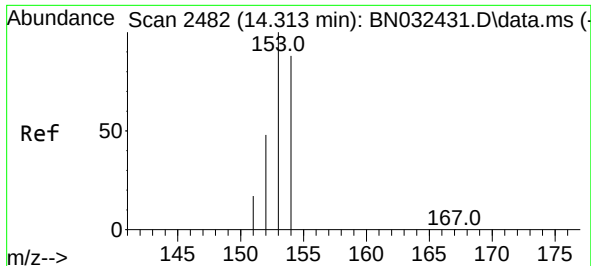
Tgt Ion:128 Resp: 321526
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 12.9 10.8 16.2



#10
Acenaphthylene
Concen: 8.926 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BN032433.D
Acq: 03 Jul 2024 12:04

Tgt Ion:152 Resp: 375480
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.1 10.9 16.3

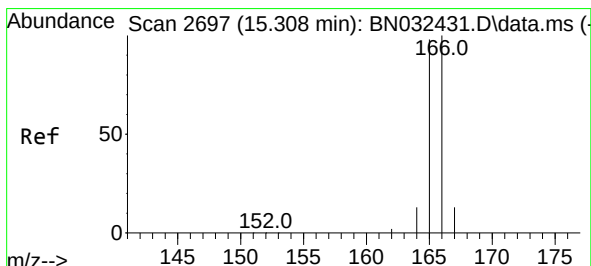
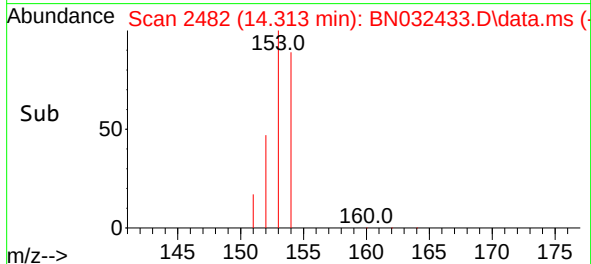
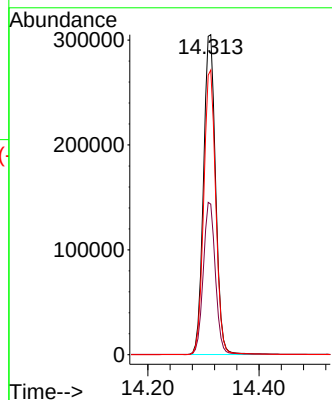
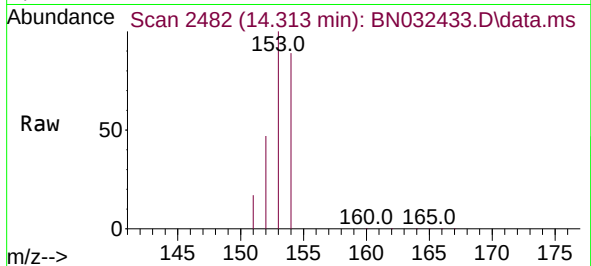




#11
Acenaphthene
Concen: 14.238 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. -0.000 min
Lab File: BN032433.D
Acq: 03 Jul 2024 12:04

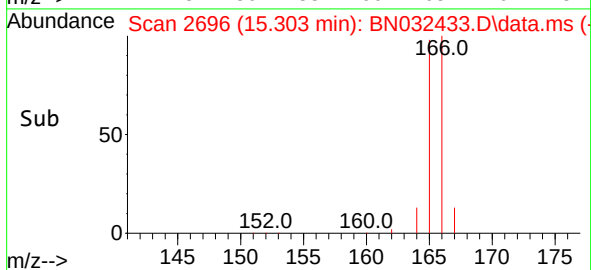
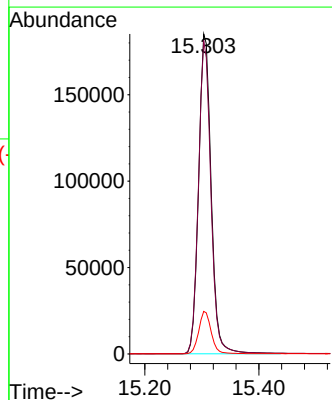
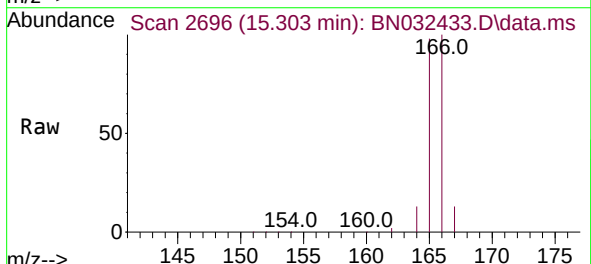
Instrument :
BNA_N
ClientSampleId :
A4DN8

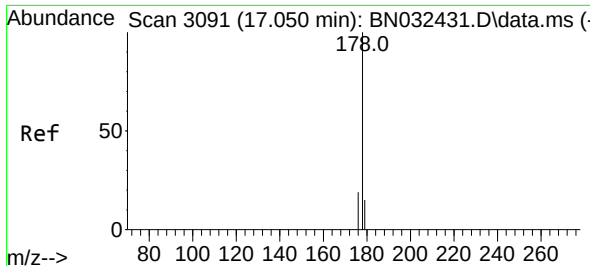
Tgt Ion:153 Resp: 464826
Ion Ratio Lower Upper
153 100
152 47.1 39.5 59.3
154 88.9 71.7 107.5



#12
Fluorene
Concen: 7.258 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032433.D
Acq: 03 Jul 2024 12:04

Tgt Ion:166 Resp: 282331
Ion Ratio Lower Upper
166 100
165 98.0 79.0 118.6
167 13.3 11.0 16.6

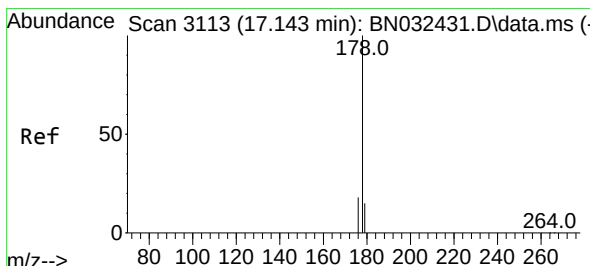
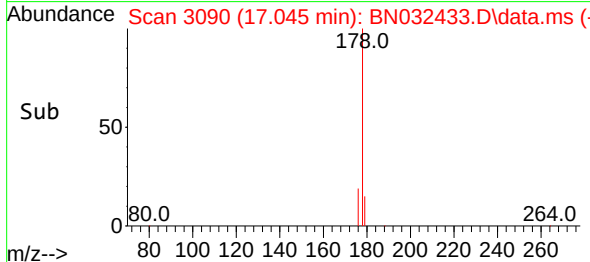
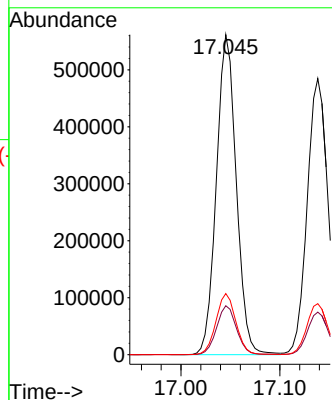
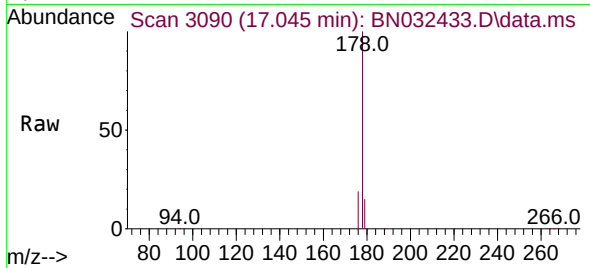




#15
Phenanthrene
Concen: 14.279 ng/ul
RT: 17.045 min Scan# 3091
Delta R.T. -0.004 min
Lab File: BN032433.D
Acq: 03 Jul 2024 12:04

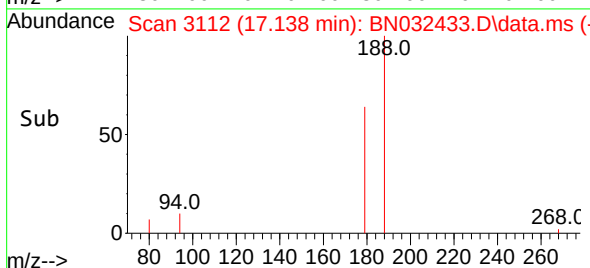
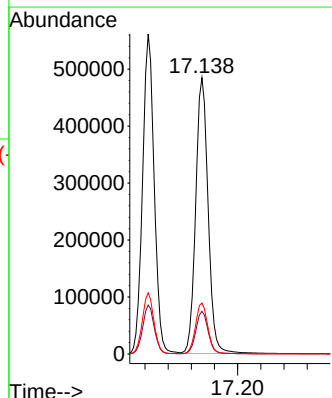
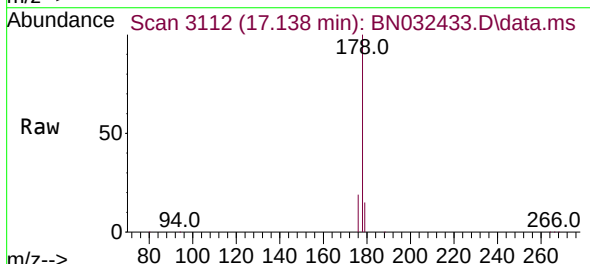
Instrument :
BNA_N
ClientSampleId :
A4DN8

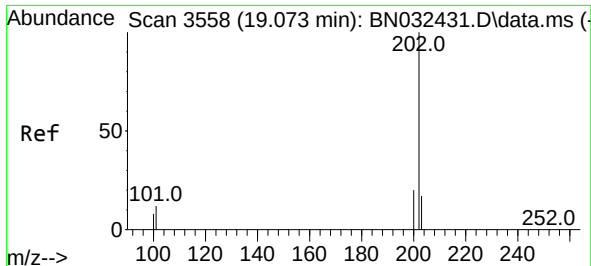
Tgt Ion:178 Resp: 783433
Ion Ratio Lower Upper
178 100
179 15.3 12.6 18.8
176 19.1 15.6 23.4



#16
Anthracene
Concen: 14.675 ng/ul
RT: 17.138 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BN032433.D
Acq: 03 Jul 2024 12:04

Tgt Ion:178 Resp: 718170
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 18.5 15.0 22.6

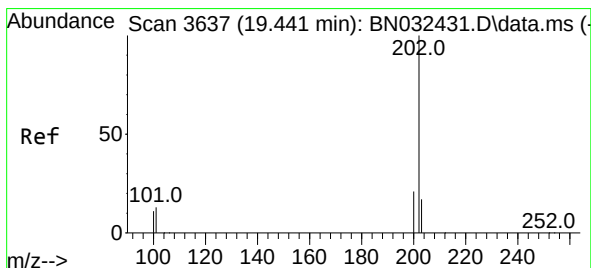
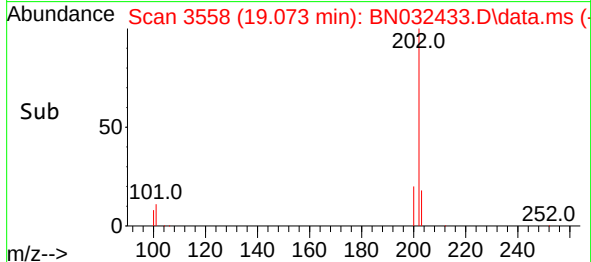
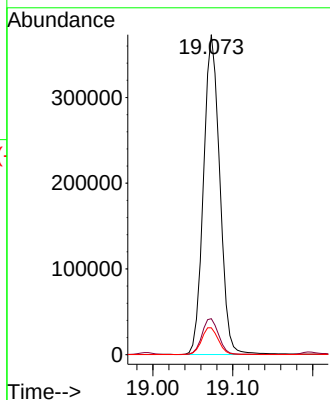
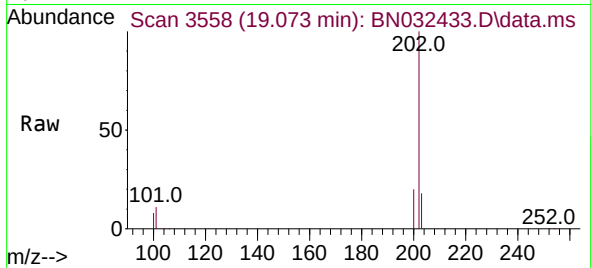




#19
Fluoranthene
Concen: 9.675 ng/ul
RT: 19.073 min Scan# 3558
Delta R.T. -0.000 min
Lab File: BN032433.D
Acq: 03 Jul 2024 12:04

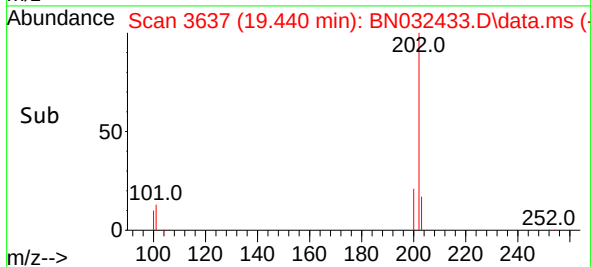
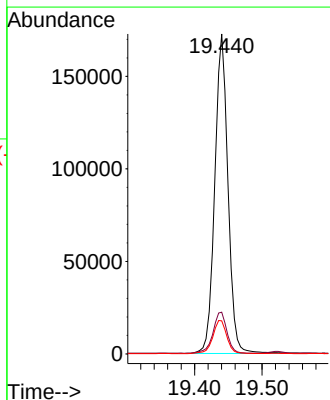
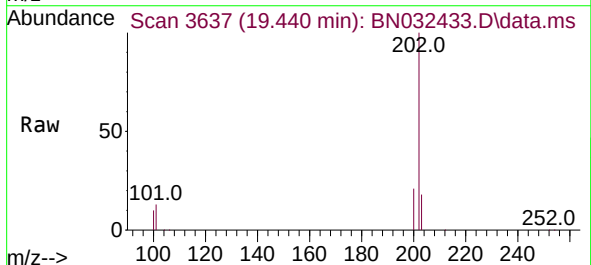
Instrument :
BNA_N
ClientSampleId :
A4DN8

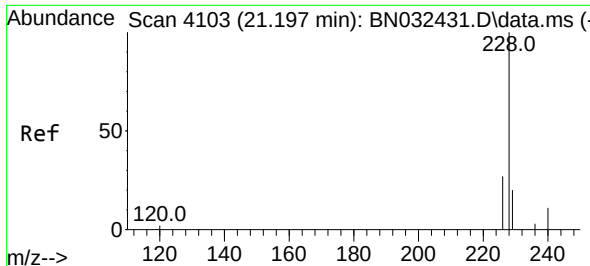
Tgt Ion:202 Resp: 527844
Ion Ratio Lower Upper
202 100
101 11.2 8.8 13.2
100 8.4 6.4 9.6



#20
Pyrene
Concen: 4.111 ng/ul
RT: 19.440 min Scan# 3637
Delta R.T. -0.000 min
Lab File: BN032433.D
Acq: 03 Jul 2024 12:04

Tgt Ion:202 Resp: 234362
Ion Ratio Lower Upper
202 100
101 13.1 11.0 16.4
100 10.4 8.7 13.1

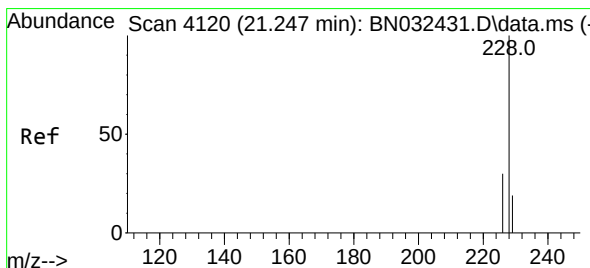
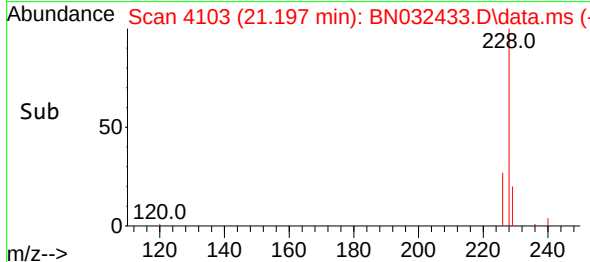
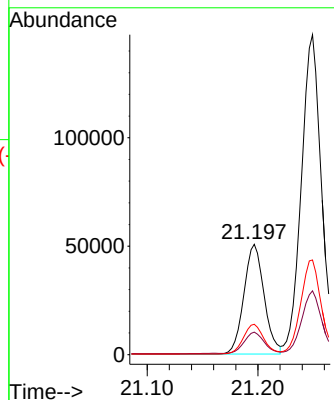
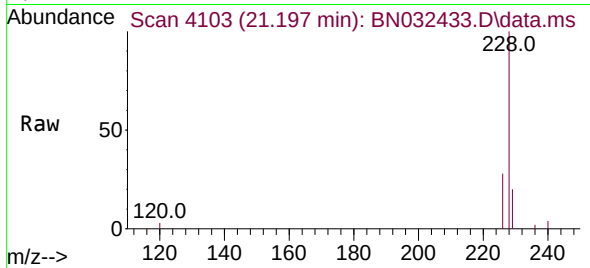




#21
Benzo(a)anthracene
Concen: 1.238 ng/ul
RT: 21.197 min Scan# 4103
Delta R.T. 0.006 min
Lab File: BN032433.D
Acq: 03 Jul 2024 12:04

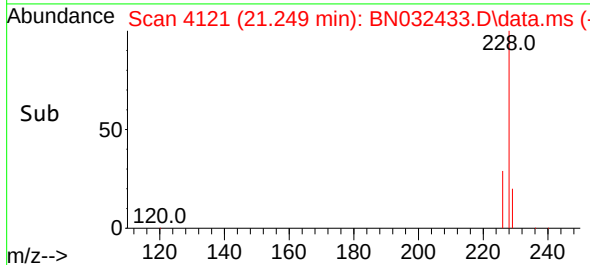
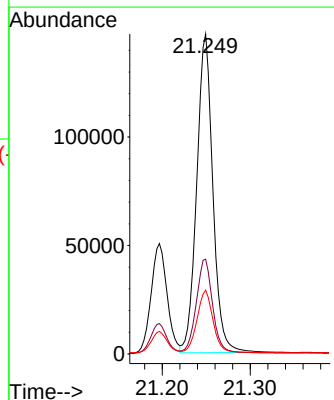
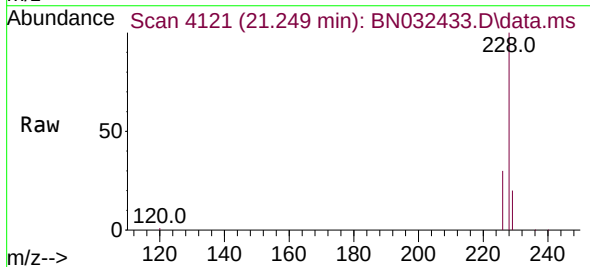
Instrument :
BNA_N
ClientSampleId :
A4DN8

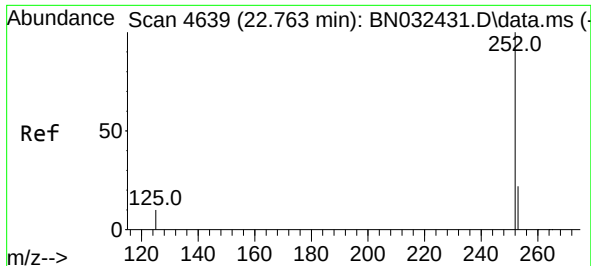
Tgt Ion:228 Resp: 64006
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 27.6 21.8 32.8



#22
Chrysene
Concen: 3.308 ng/ul
RT: 21.249 min Scan# 4121
Delta R.T. 0.006 min
Lab File: BN032433.D
Acq: 03 Jul 2024 12:04

Tgt Ion:228 Resp: 187723
Ion Ratio Lower Upper
228 100
226 29.6 23.6 35.4
229 19.9 15.7 23.5

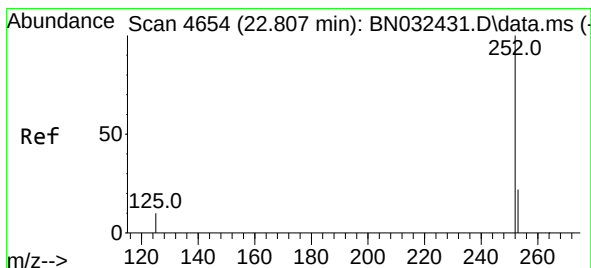
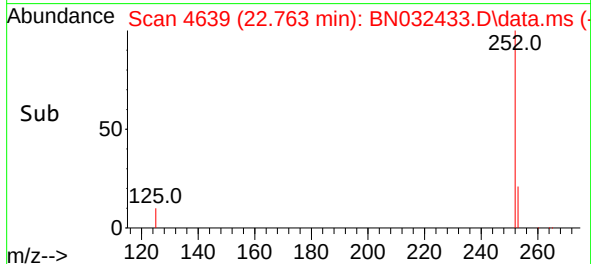
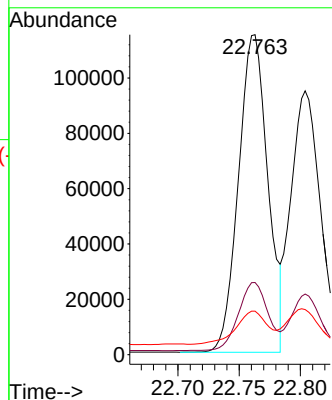
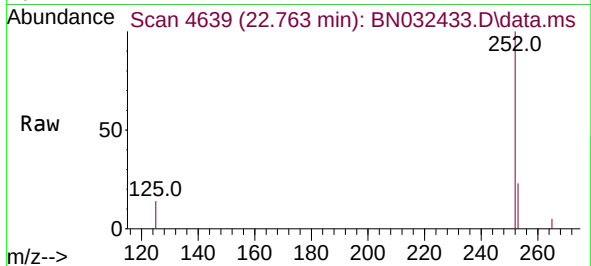




#24
Benzo(b)fluoranthene
Concen: 2.753 ng/ul
RT: 22.763 min Scan# 4639
Delta R.T. 0.006 min
Lab File: BN032433.D
Acq: 03 Jul 2024 12:04

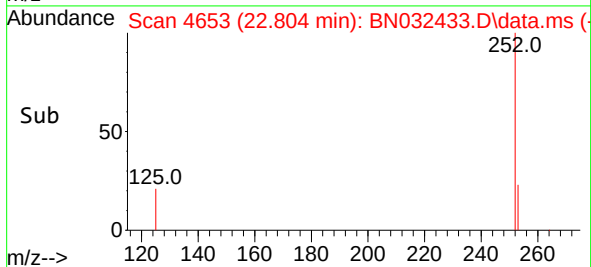
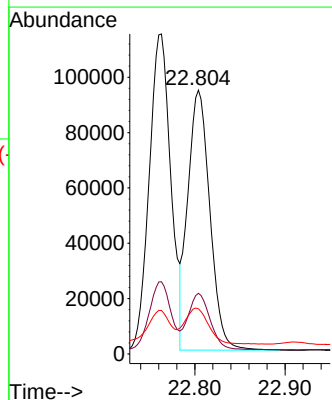
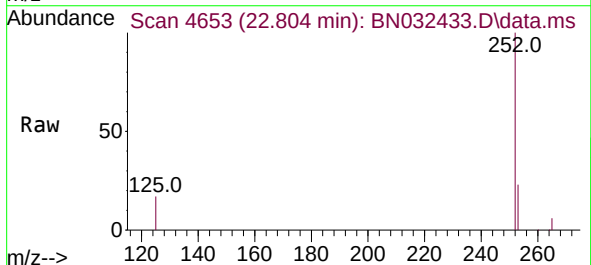
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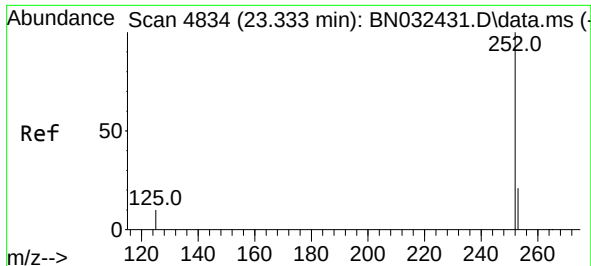
Tgt Ion:252 Resp: 191504
Ion Ratio Lower Upper
252 100
253 22.6 0.0 50.2
125 13.6 0.0 32.0



#25
Benzo(k)fluoranthene
Concen: 2.356 ng/ul
RT: 22.804 min Scan# 4653
Delta R.T. 0.003 min
Lab File: BN032433.D
Acq: 03 Jul 2024 12:04

Tgt Ion:252 Resp: 159217
Ion Ratio Lower Upper
252 100
253 23.0 20.3 30.5
125 17.1 12.8 19.2

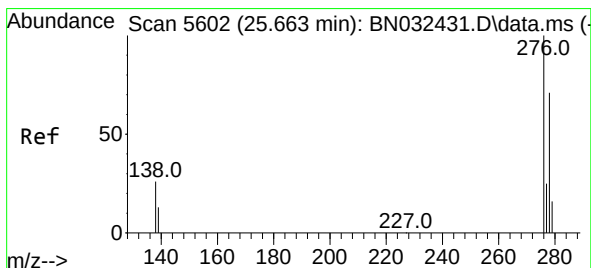
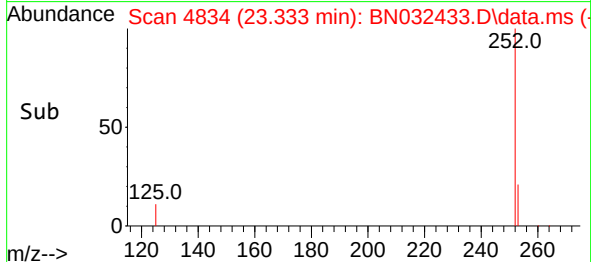
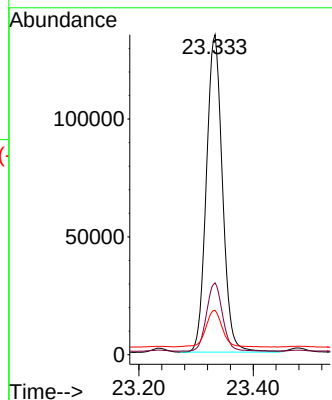
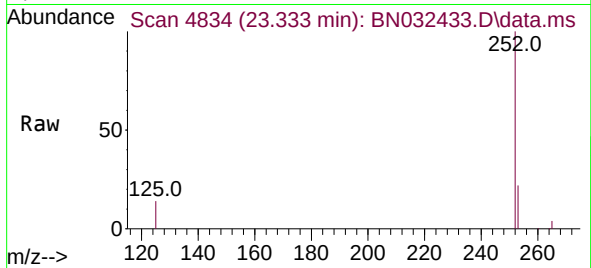




#26
Benzo(a)pyrene
Concen: 5.442 ng/ul
RT: 23.333 min Scan# 4834
Delta R.T. 0.006 min
Lab File: BN032433.D
Acq: 03 Jul 2024 12:04

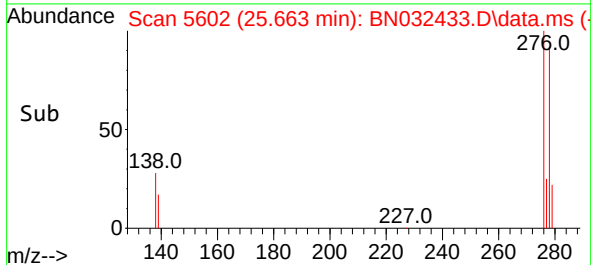
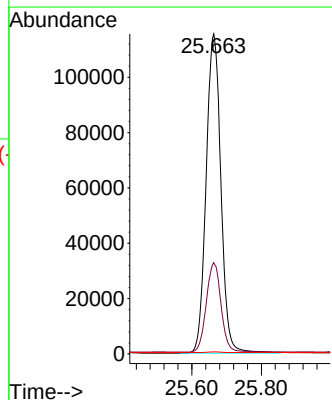
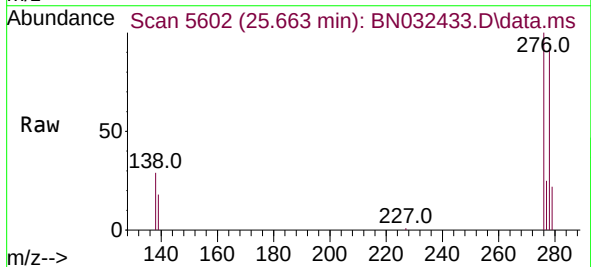
Instrument :
BNA_N
ClientSampleId :
A4DN8

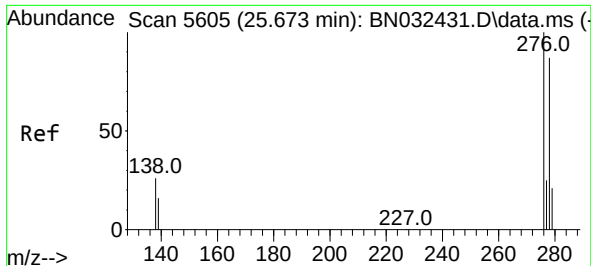
Tgt Ion:252 Resp: 263398
Ion Ratio Lower Upper
252 100
253 22.5 22.2 33.2
125 13.9 16.4 24.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.495 ng/ul
RT: 25.663 min Scan# 5602
Delta R.T. 0.003 min
Lab File: BN032433.D
Acq: 03 Jul 2024 12:04

Tgt Ion:276 Resp: 340651
Ion Ratio Lower Upper
276 100
138 28.0 21.3 31.9
227 0.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 5.740 ng/ul

RT: 25.673 min Scan# 5605

Delta R.T. 0.007 min

Lab File: BN032433.D

Acq: 03 Jul 2024 12:04

Instrument :

BNA_N

ClientSampleId :

A4DN8

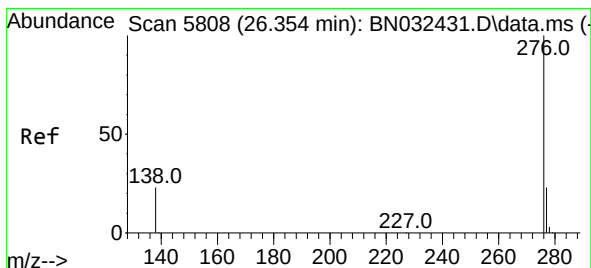
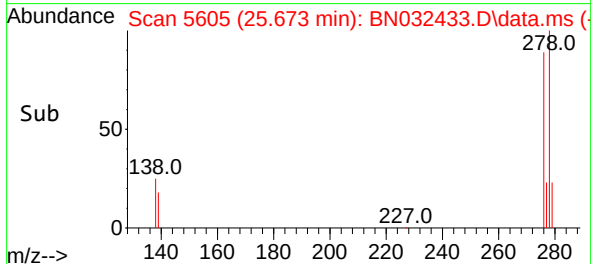
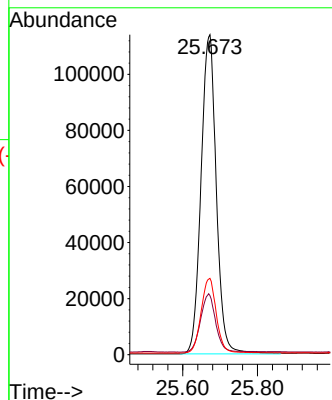
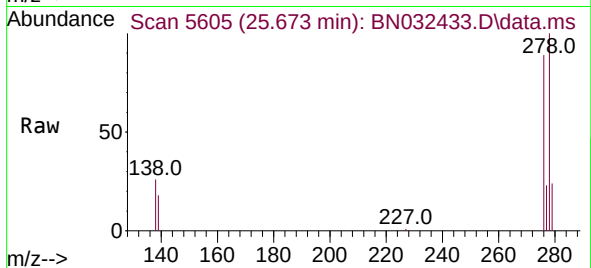
Tgt Ion:278 Resp: 323212

Ion Ratio Lower Upper

278 100

139 18.5 15.9 23.9

279 23.8 21.1 31.7



#29

Benzo(g,h,i)perylene

Concen: 4.106 ng/ul

RT: 26.350 min Scan# 5807

Delta R.T. 0.007 min

Lab File: BN032433.D

Acq: 03 Jul 2024 12:04

Tgt Ion:276 Resp: 247858

Ion Ratio Lower Upper

276 100

138 23.7 19.8 29.6

277 24.3 19.8 29.6

