

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032506.D
 Acq On : 05 Jul 2024 12:35
 Operator : MA/JU
 Sample : P3010-04DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4DP7DL

Quant Time: Jul 05 13:01:06 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)

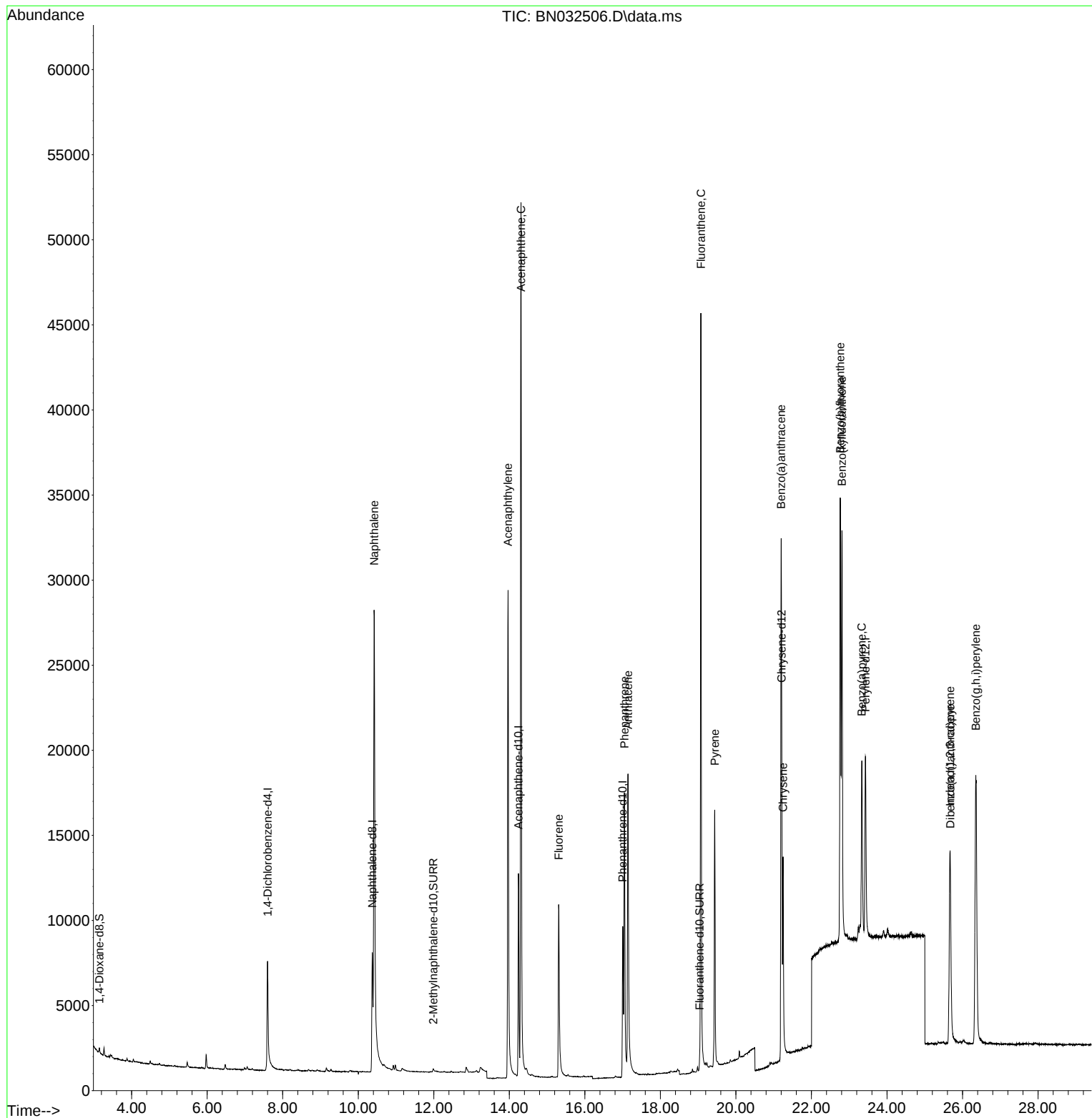
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	4529	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	13495	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.244	164	7393	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	13819	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.214	240	12730	0.400	ng/ul	0.00
23) Perylene-d12	23.430	264	15618	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	256	0.051	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	442	0.022	ng/ul	0.01
18) Fluoranthene-d10	19.041	212	1095	0.029	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.420	128	51431	1.440	ng/ul	100
10) Acenaphthylene	13.966	152	40586	1.320	ng/ul	99
11) Acenaphthene	14.309	153	33993	1.424	ng/ul	99
12) Fluorene	15.308	166	9394	0.330	ng/ul	100
15) Phenanthrene	17.050	178	21223	0.560	ng/ul	99
16) Anthracene	17.143	178	26310	0.779	ng/ul	99
19) Fluoranthene	19.073	202	43989	0.907	ng/ul	99
20) Pyrene	19.440	202	14430	0.285	ng/ul	99
21) Benzo(a)anthracene	21.197	228	27974	0.609	ng/ul	98
22) Chrysene	21.249	228	12341	0.245	ng/ul	94
24) Benzo(b)fluoranthene	22.763	252	35317	0.520	ng/ul	96
25) Benzo(k)fluoranthene	22.807	252	32396	0.491	ng/ul#	95
26) Benzo(a)pyrene	23.333	252	16889	0.358	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.670	276	20117	0.272	ng/ul	94
28) Dibenzo(a,h)anthracene	25.680	278	5564	0.101	ng/ul#	51
29) Benzo(g,h,i)perylene	26.354	276	35550	0.604	ng/ul	97

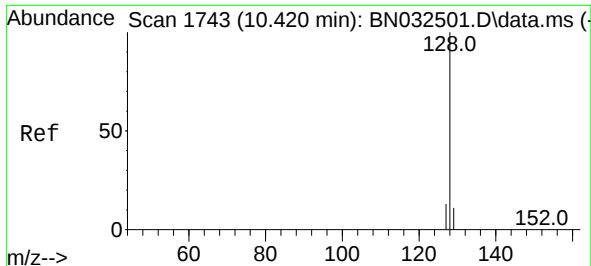
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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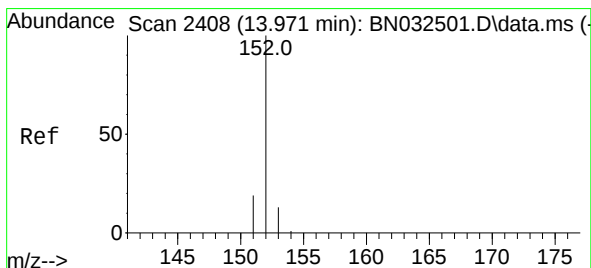
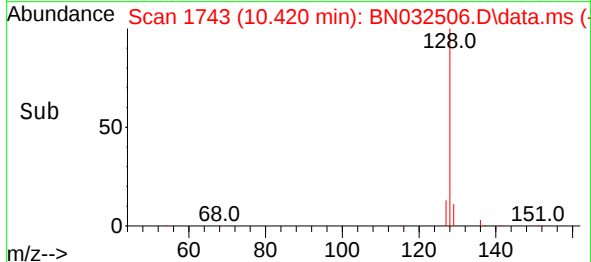
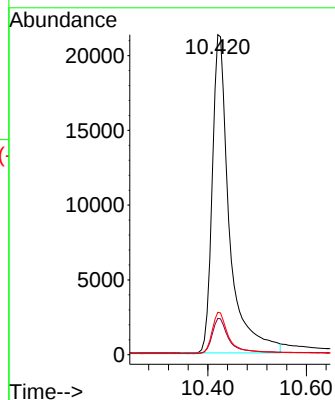
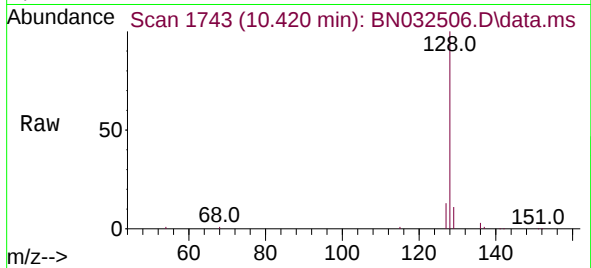




#5
Naphthalene
Concen: 1.440 ng/ul
RT: 10.420 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN032506.D
Acq: 05 Jul 2024 12:35

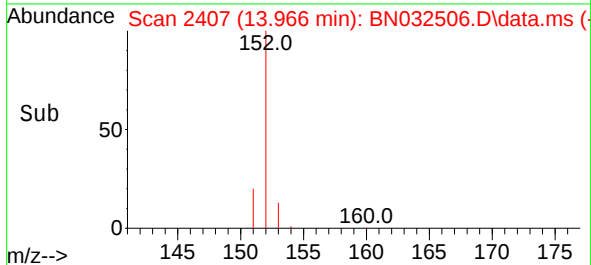
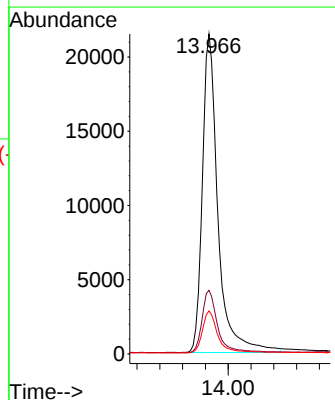
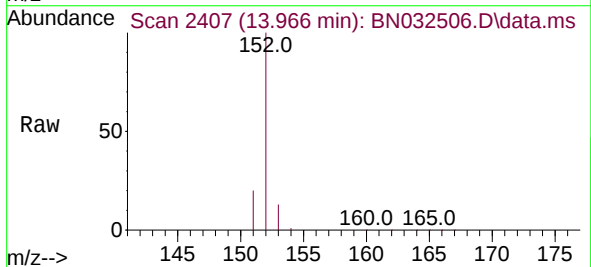
Instrument :
BNA_N
ClientSampleId :
A4DP7DL

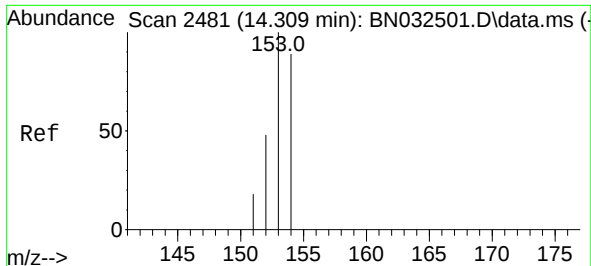
Tgt Ion:128 Resp: 51431
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.3 10.8 16.2



#10
Acenaphthylene
Concen: 1.320 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BN032506.D
Acq: 05 Jul 2024 12:35

Tgt Ion:152 Resp: 40586
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.4 10.9 16.3

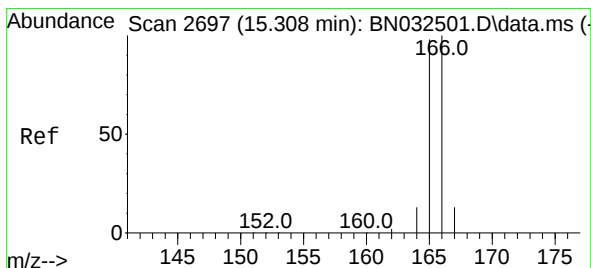
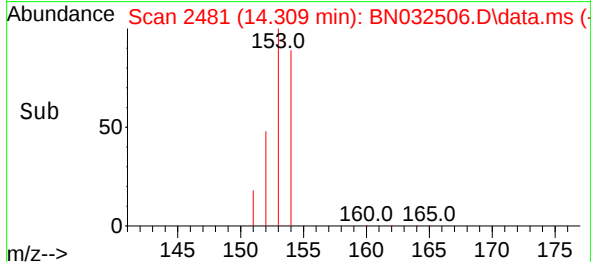
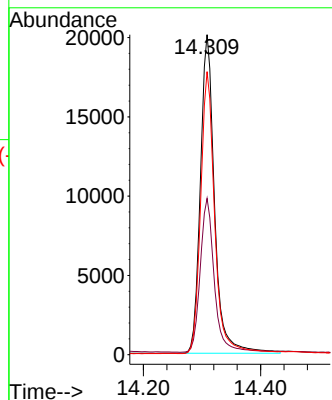
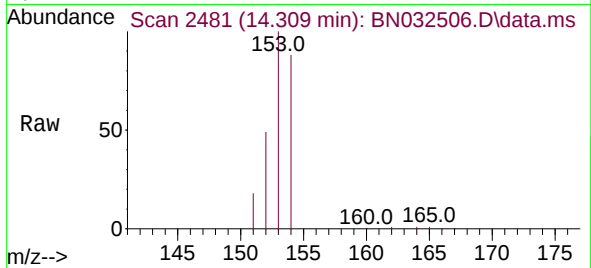




#11
Acenaphthene
Concen: 1.424 ng/ul
RT: 14.309 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032506.D
Acq: 05 Jul 2024 12:35

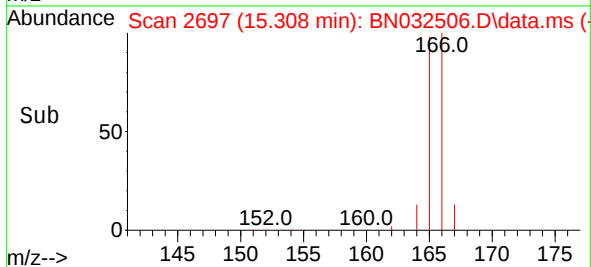
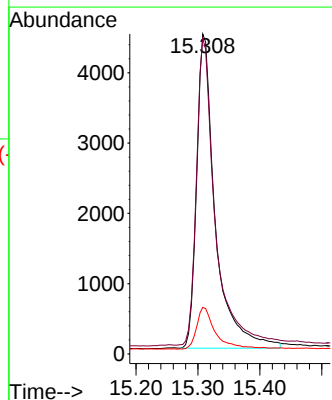
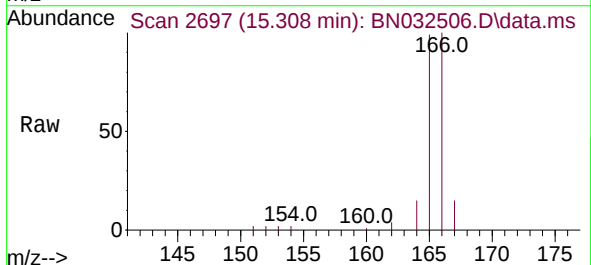
Instrument :
BNA_N
ClientSampleId :
A4DP7DL

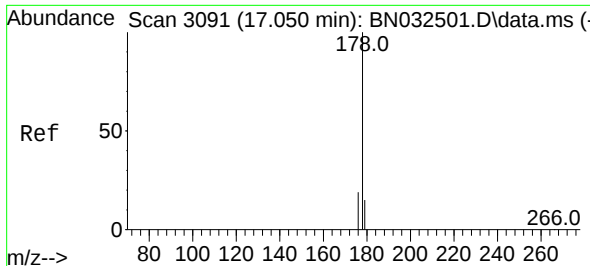
Tgt Ion:153 Resp: 33993
Ion Ratio Lower Upper
153 100
152 48.8 39.5 59.3
154 88.5 71.7 107.5



#12
Fluorene
Concen: 0.330 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BN032506.D
Acq: 05 Jul 2024 12:35

Tgt Ion:166 Resp: 9394
Ion Ratio Lower Upper
166 100
165 98.6 79.0 118.6
167 14.5 11.0 16.6

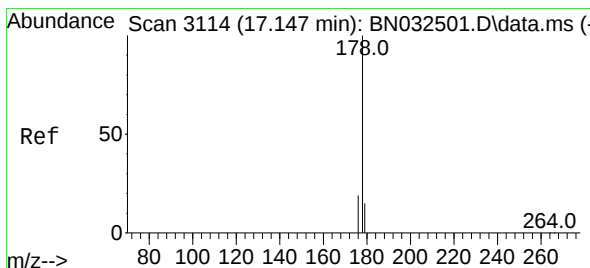
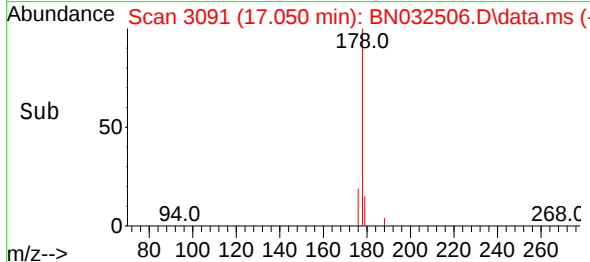
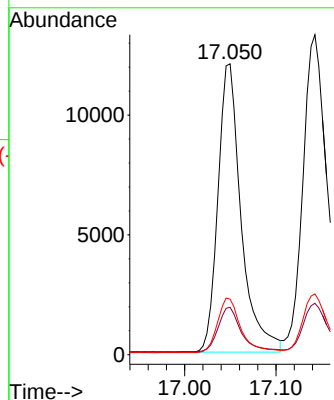
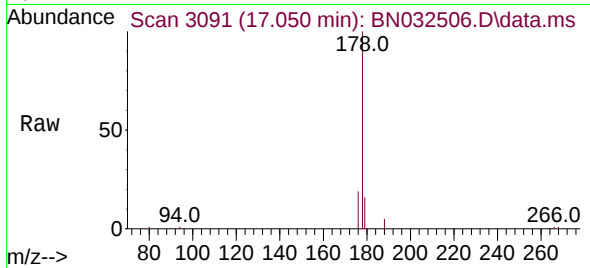




#15
Phenanthrene
Concen: 0.560 ng/ul
RT: 17.050 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BN032506.D
Acq: 05 Jul 2024 12:35

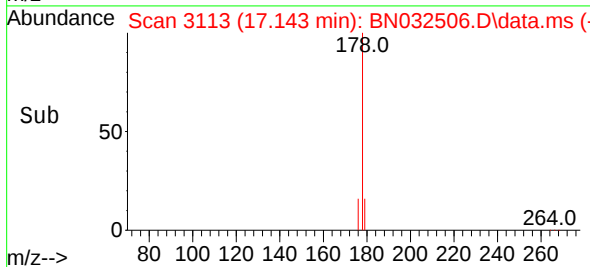
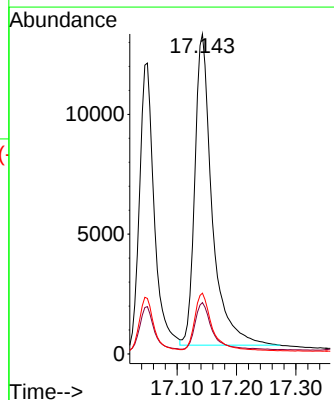
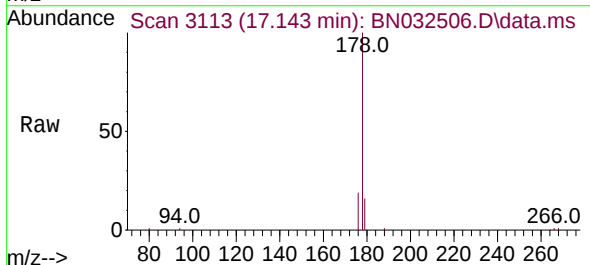
Instrument :
BNA_N
ClientSampleId :
A4DP7DL

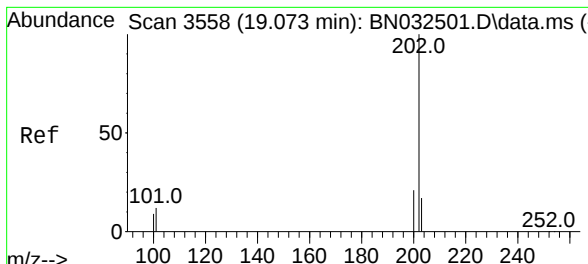
Tgt Ion:178 Resp: 21223
Ion Ratio Lower Upper
178 100
179 16.3 12.6 18.8
176 19.1 15.6 23.4



#16
Anthracene
Concen: 0.779 ng/ul
RT: 17.143 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BN032506.D
Acq: 05 Jul 2024 12:35

Tgt Ion:178 Resp: 26310
Ion Ratio Lower Upper
178 100
179 16.0 12.5 18.7
176 19.0 15.0 22.6

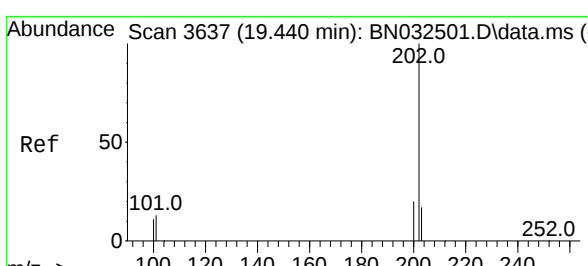
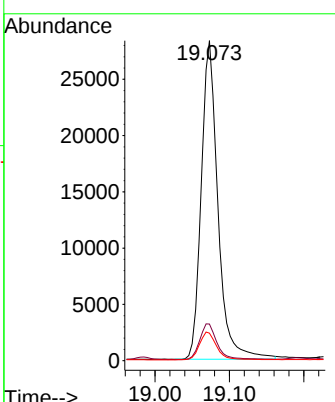
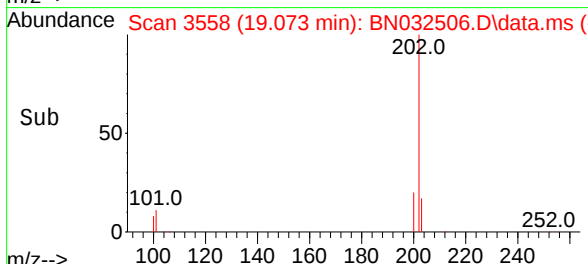
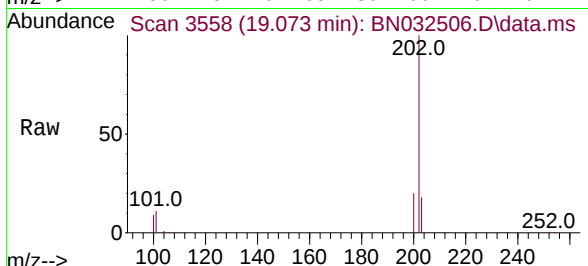




#19
 Fluoranthene
 Concen: 0.907 ng/ul
 RT: 19.073 min Scan# 3558
 Delta R.T. -0.000 min
 Lab File: BN032506.D
 Acq: 05 Jul 2024 12:35

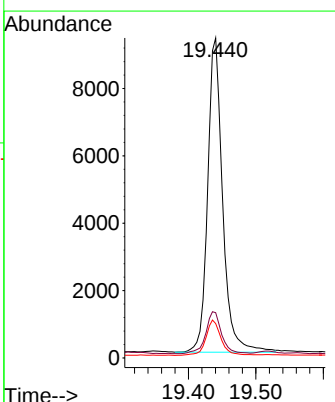
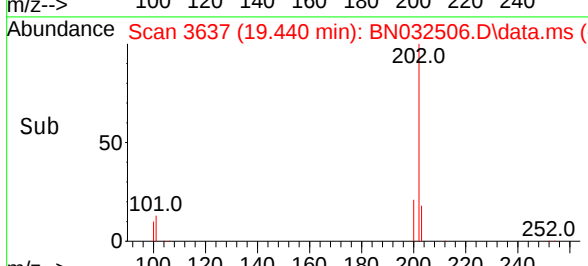
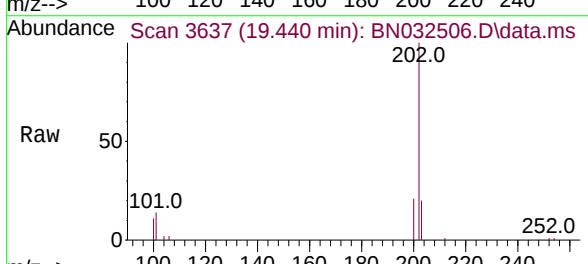
Instrument :
 BNA_N
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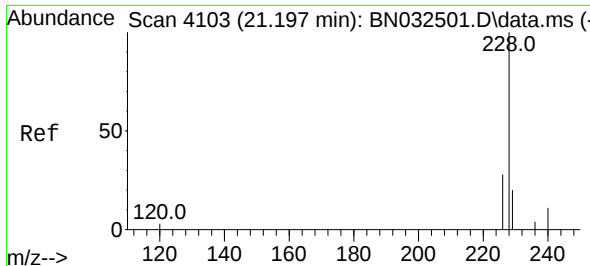
Tgt Ion:	202	Resp:	43989
Ion Ratio	Lower	Upper	
202	100		
101	11.5	8.8	13.2
100	8.6	6.4	9.6



#20
 Pyrene
 Concen: 0.285 ng/ul
 RT: 19.440 min Scan# 3637
 Delta R.T. -0.000 min
 Lab File: BN032506.D
 Acq: 05 Jul 2024 12:35

Tgt Ion:	202	Resp:	14430
Ion Ratio	Lower	Upper	
202	100		
101	14.2	11.0	16.4
100	10.8	8.7	13.1

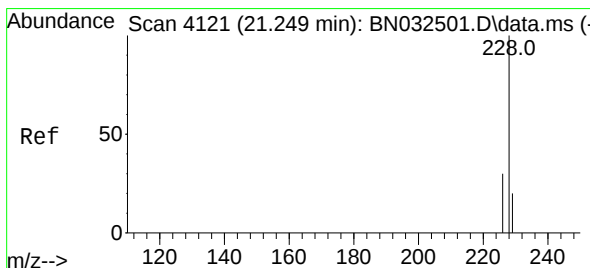
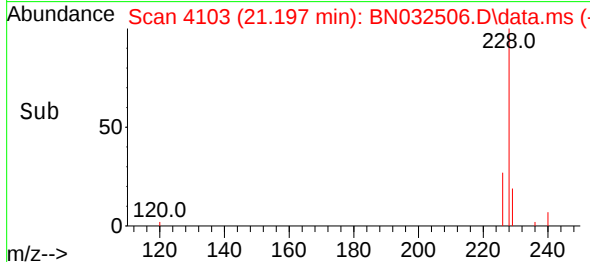
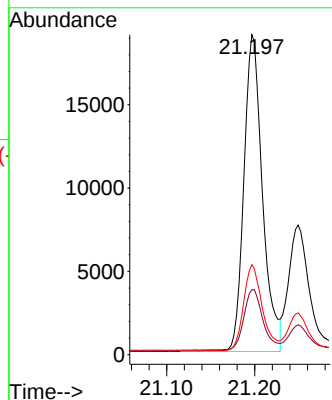
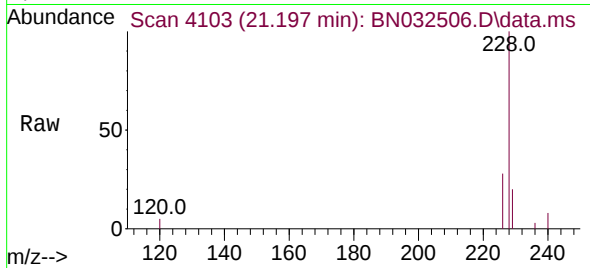




#21
Benzo(a)anthracene
Concen: 0.609 ng/ul
RT: 21.197 min Scan# 4103
Delta R.T. 0.006 min
Lab File: BN032506.D
Acq: 05 Jul 2024 12:35

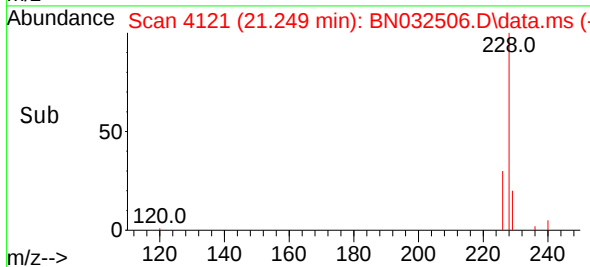
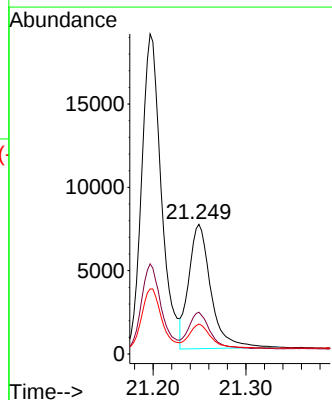
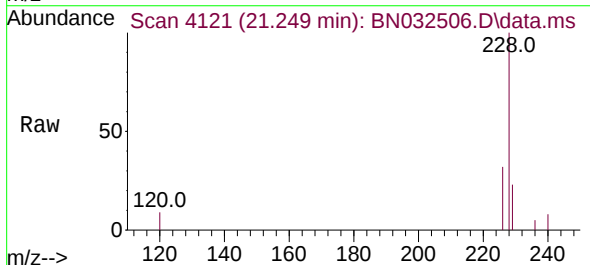
Instrument :
BNA_N
ClientSampleId :
A4DP7DL

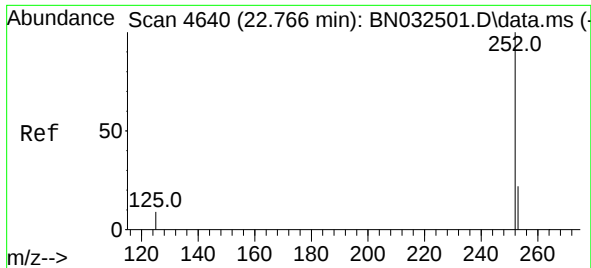
Tgt Ion:228 Resp: 27974
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 28.2 21.8 32.8



#22
Chrysene
Concen: 0.245 ng/ul
RT: 21.249 min Scan# 4121
Delta R.T. 0.006 min
Lab File: BN032506.D
Acq: 05 Jul 2024 12:35

Tgt Ion:228 Resp: 12341
Ion Ratio Lower Upper
228 100
226 32.3 23.6 35.4
229 23.1 15.7 23.5

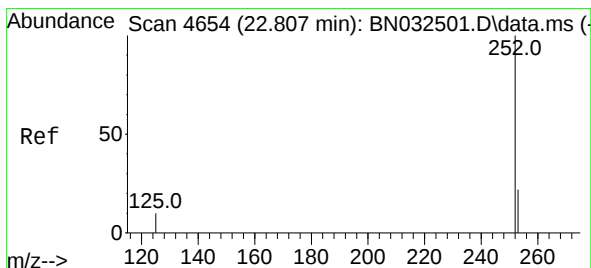
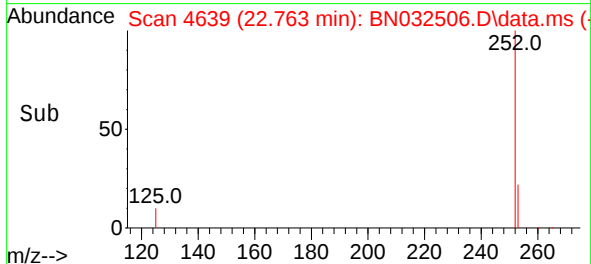
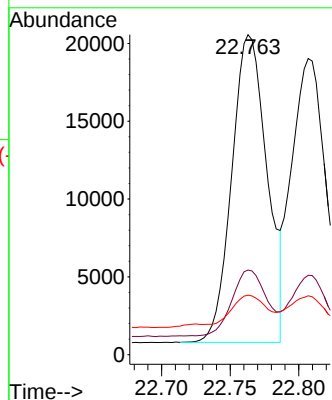
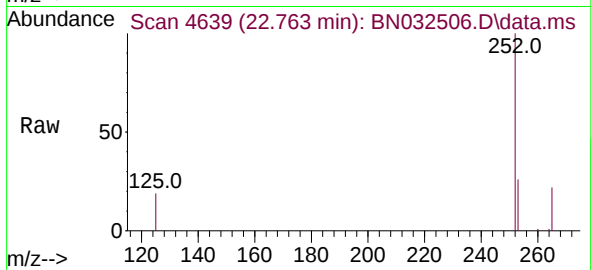




#24
Benzo(b)fluoranthene
Concen: 0.520 ng/ul
RT: 22.763 min Scan# 4639
Delta R.T. 0.006 min
Lab File: BN032506.D
Acq: 05 Jul 2024 12:35

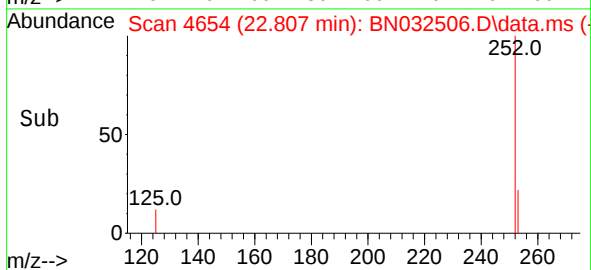
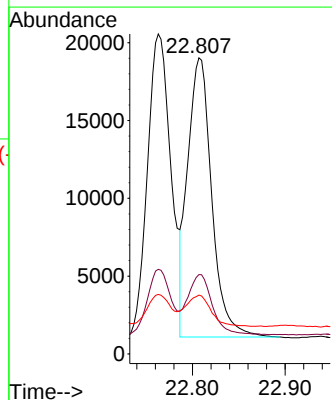
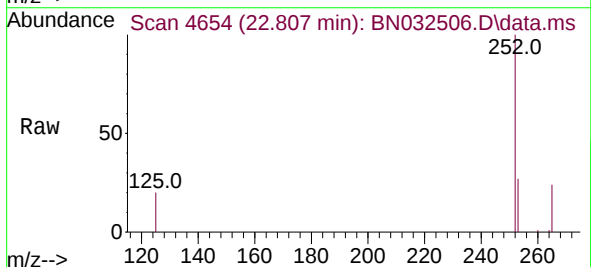
Instrument :
BNA_N
ClientSampleId :
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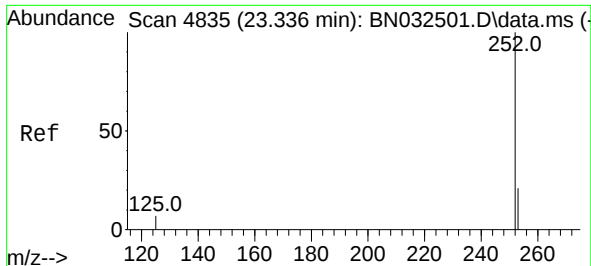
Tgt Ion:252 Resp: 35317
Ion Ratio Lower Upper
252 100
253 26.5 0.0 50.2
125 18.6 0.0 32.0



#25
Benzo(k)fluoranthene
Concen: 0.491 ng/ul
RT: 22.807 min Scan# 4654
Delta R.T. 0.006 min
Lab File: BN032506.D
Acq: 05 Jul 2024 12:35

Tgt Ion:252 Resp: 32396
Ion Ratio Lower Upper
252 100
253 26.8 20.3 30.5
125 19.9 12.8 19.2#





#26

Benzo(a)pyrene

Concen: 0.358 ng/ul

RT: 23.333 min Scan# 4834

Delta R.T. 0.006 min

Lab File: BN032506.D

Acq: 05 Jul 2024 12:35

Instrument :

BN032506.D

ClientSampleId :

A4DP7DL

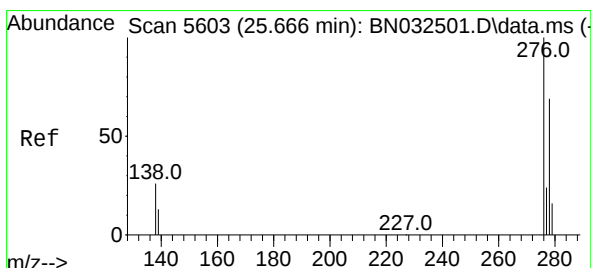
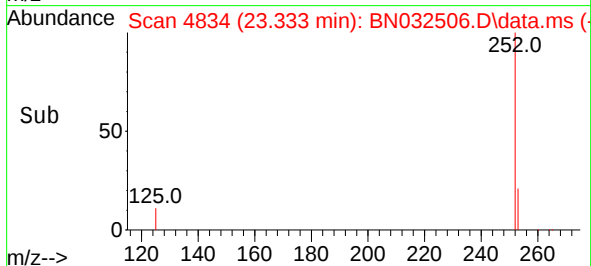
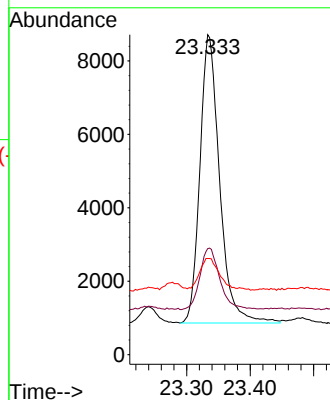
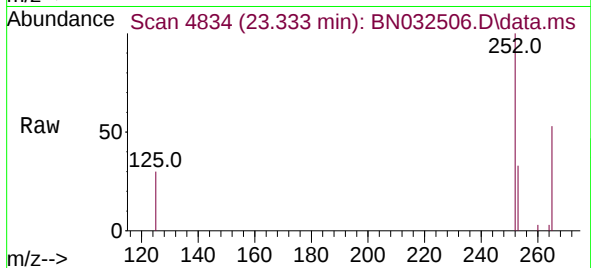
Tgt Ion:252 Resp: 16889

Ion Ratio Lower Upper

252 100

253 33.1 22.2 33.2

125 30.0 16.4 24.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.272 ng/ul

RT: 25.670 min Scan# 5604

Delta R.T. 0.010 min

Lab File: BN032506.D

Acq: 05 Jul 2024 12:35

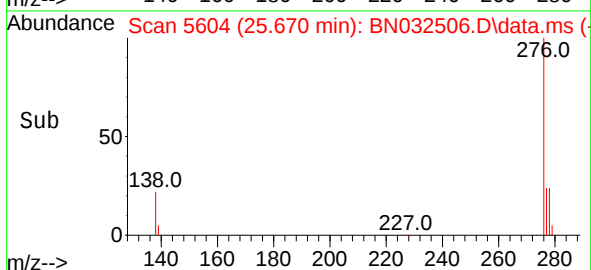
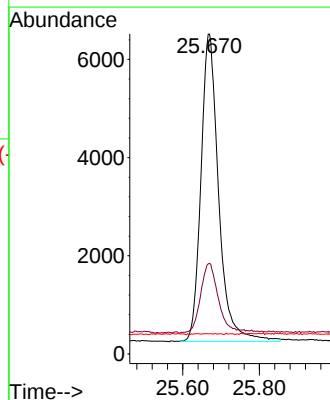
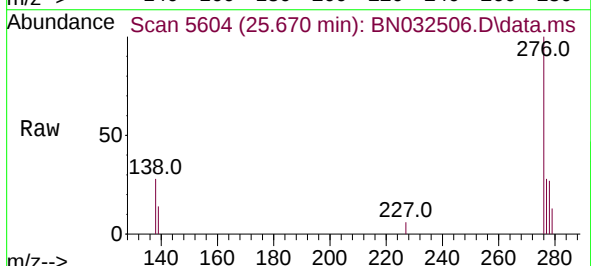
Tgt Ion:276 Resp: 20117

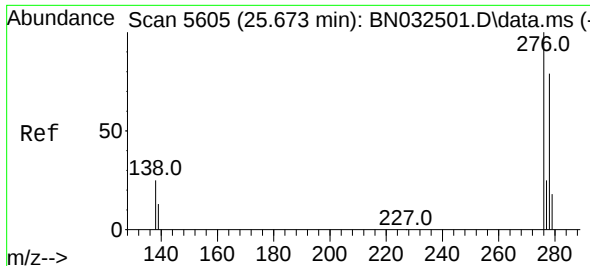
Ion Ratio Lower Upper

276 100

138 23.5 21.3 31.9

227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.101 ng/ul

RT: 25.680 min Scan# 5607

Delta R.T. 0.013 min

Lab File: BN032506.D

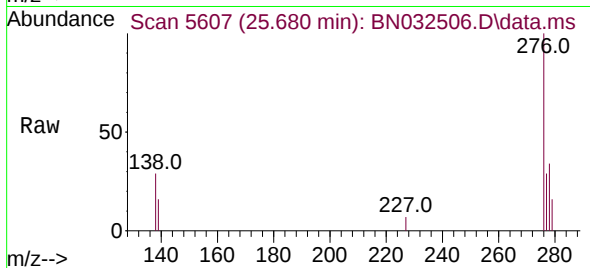
Acq: 05 Jul 2024 12:35

Instrument :

BNA_N

ClientSampleId :

A4DP7DL



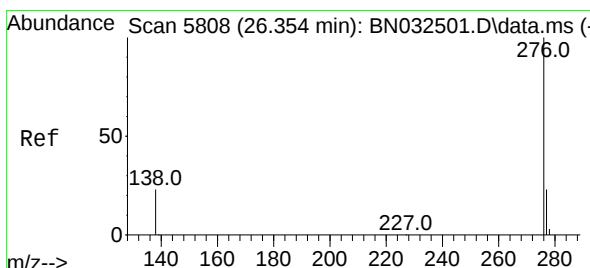
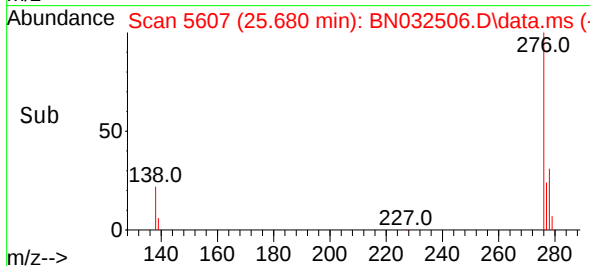
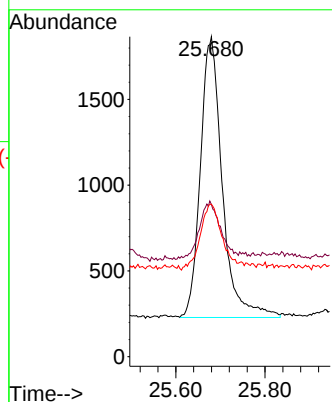
Tgt Ion:278 Resp: 5564

Ion Ratio Lower Upper

278 100

139 47.5 15.9 23.9#

279 47.6 21.1 31.7#



#29

Benzo(g,h,i)perylene

Concen: 0.604 ng/ul

RT: 26.354 min Scan# 5808

Delta R.T. 0.010 min

Lab File: BN032506.D

Acq: 05 Jul 2024 12:35

Tgt Ion:276 Resp: 35550

Ion Ratio Lower Upper

276 100

138 26.2 19.8 29.6

277 26.0 19.8 29.6

