

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032435.D
 Acq On : 03 Jul 2024 13:45
 Operator : MA/JU
 Sample : P2964-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4DN9

Quant Time: Jul 03 14:10:58 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)

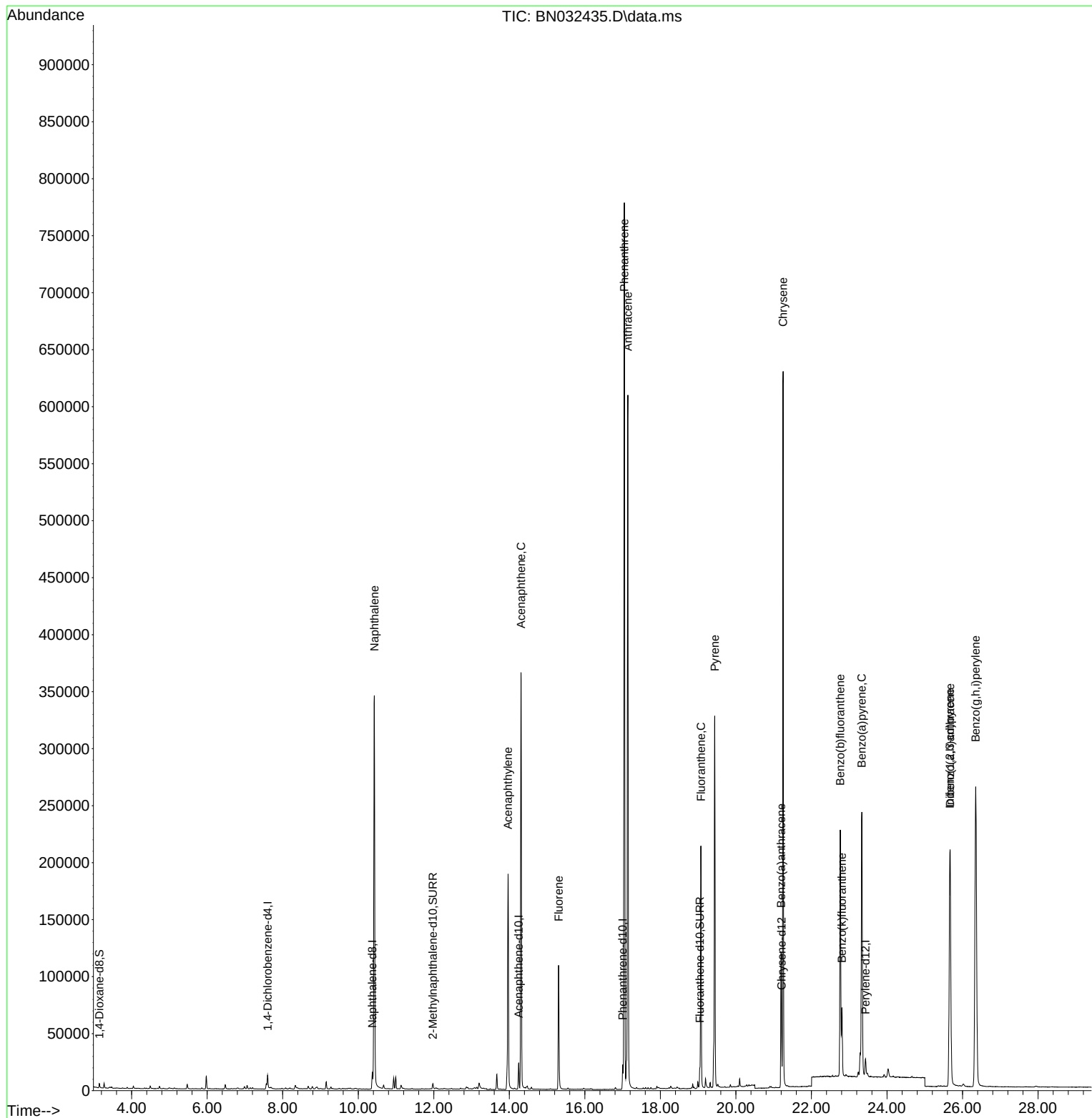
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	6736	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	21269	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.248	164	12781	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	25203	0.400	ng/ul	0.00
17) Chrysene-d12	21.211	240	18078	0.400	ng/ul	# 0.00
23) Perylene-d12	23.433	264	20340	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	2818	0.376	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	7344	0.230	ng/ul	0.00
18) Fluoranthene-d10	19.045	212	19221	0.353	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.426	128	502939	8.935	ng/ul	98
10) Acenaphthylene	13.966	152	225617	4.244	ng/ul	99
11) Acenaphthene	14.309	153	214556	5.201	ng/ul	98
12) Fluorene	15.308	166	76034	1.547	ng/ul	98
15) Phenanthrene	17.046	178	842294	12.190	ng/ul	99
16) Anthracene	17.138	178	679567	11.026	ng/ul	99
19) Fluoranthene	19.073	202	182868	2.656	ng/ul	98
20) Pyrene	19.440	202	275078	3.824	ng/ul	98
21) Benzo(a)anthracene	21.197	228	101199	1.551	ng/ul	100
22) Chrysene	21.249	228	535305	7.475	ng/ul	100
24) Benzo(b)fluoranthene	22.763	252	266330	3.014	ng/ul	94
25) Benzo(k)fluoranthene	22.807	252	67344	0.784	ng/ul#	88
26) Benzo(a)pyrene	23.333	252	343077	5.580	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.666	276	223604	2.323	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.673	278	194786	2.723	ng/ul	97
29) Benzo(g,h,i)perylene	26.350	276	550073	7.173	ng/ul	98

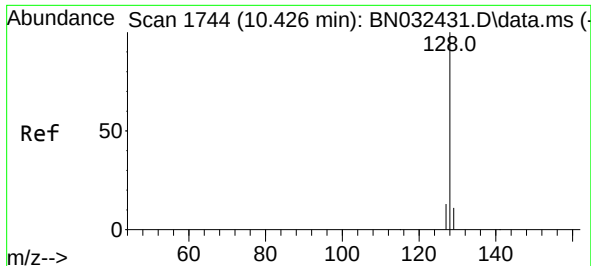
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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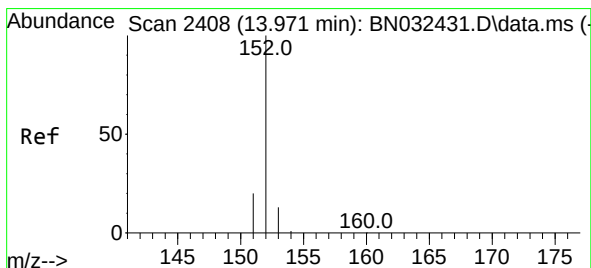
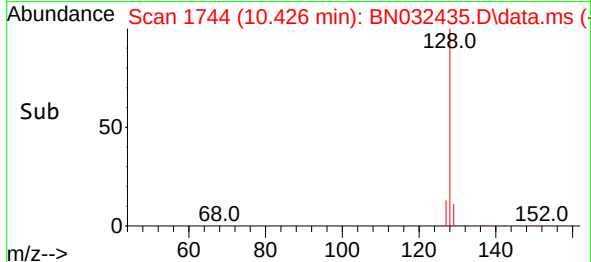
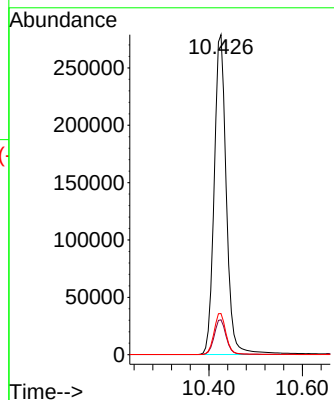
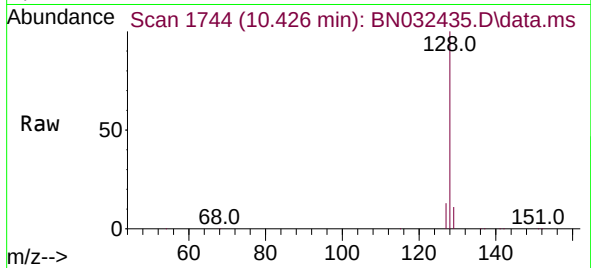




#5
Naphthalene
Concen: 8.935 ng/ul
RT: 10.426 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN032435.D
Acq: 03 Jul 2024 13:45

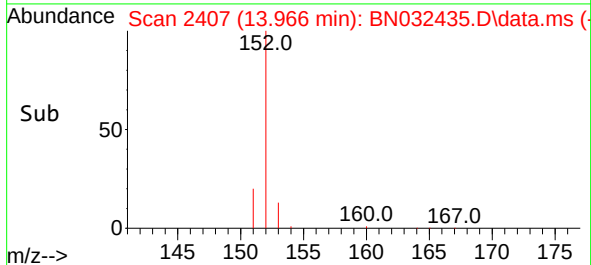
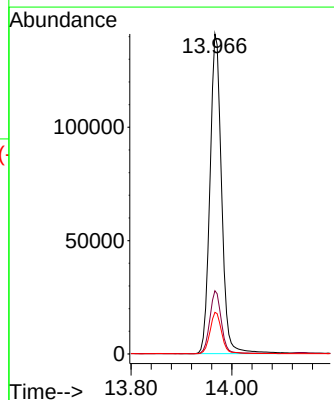
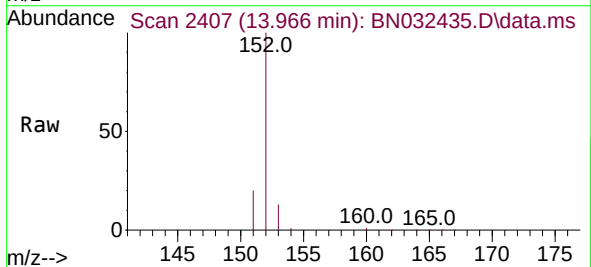
Instrument :
BNA_N
ClientSampleId :
A4DN9

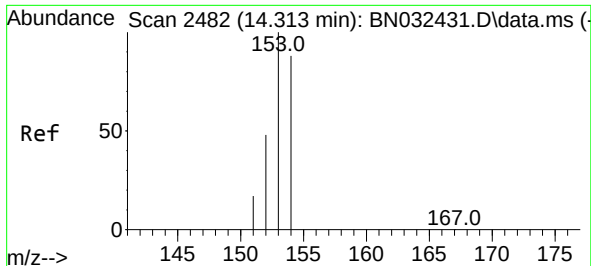
Tgt Ion:128 Resp: 502939
Ion Ratio Lower Upper
128 100
129 10.9 9.2 13.8
127 12.9 10.8 16.2



#10
Acenaphthylene
Concen: 4.244 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BN032435.D
Acq: 03 Jul 2024 13:45

Tgt Ion:152 Resp: 225617
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.0 10.9 16.3

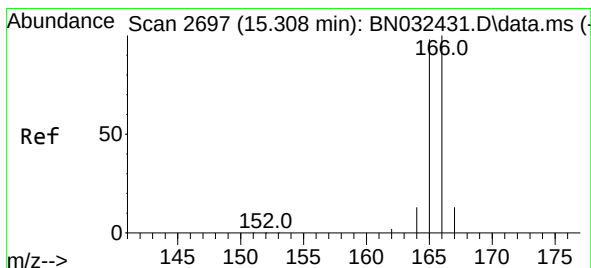
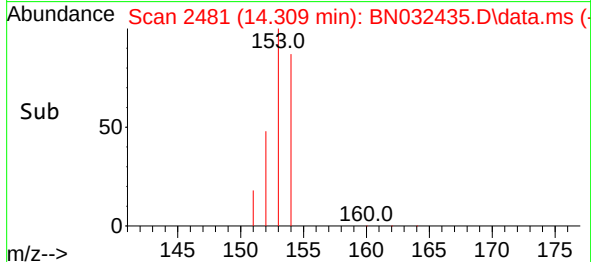
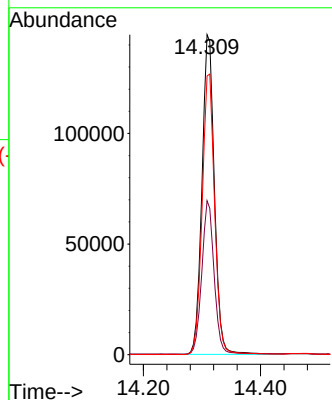
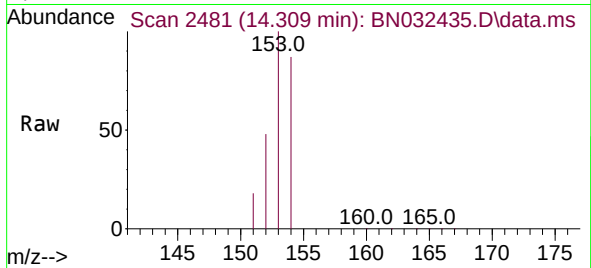




#11
Acenaphthene
Concen: 5.201 ng/ul
RT: 14.309 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032435.D
Acq: 03 Jul 2024 13:45

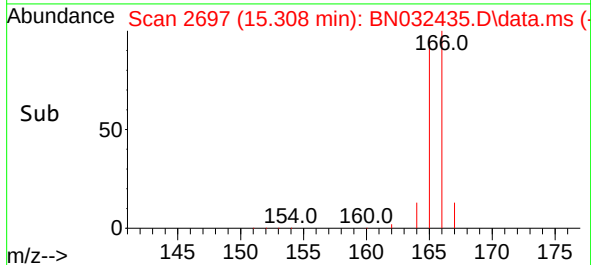
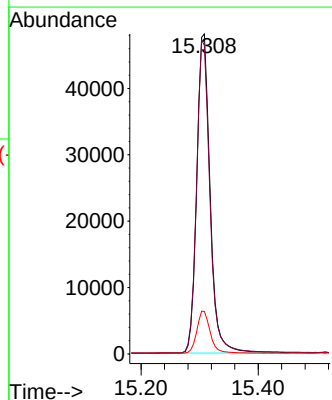
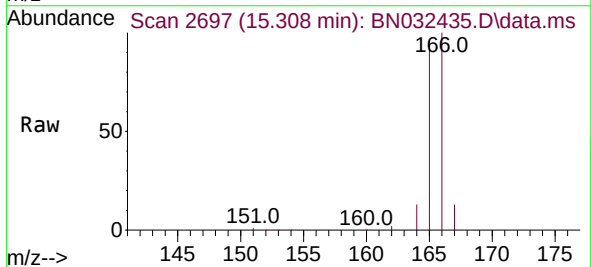
Instrument :
BNA_N
ClientSampleId :
A4DN9

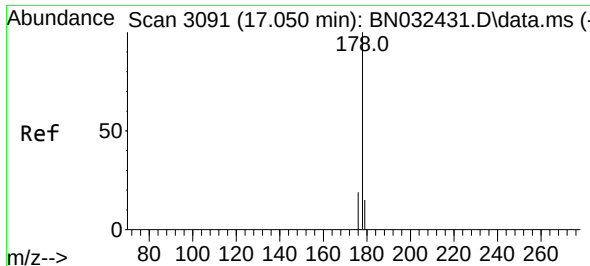
Tgt Ion:153 Resp: 214556
Ion Ratio Lower Upper
153 100
152 48.1 39.5 59.3
154 87.1 71.7 107.5



#12
Fluorene
Concen: 1.547 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BN032435.D
Acq: 03 Jul 2024 13:45

Tgt Ion:166 Resp: 76034
Ion Ratio Lower Upper
166 100
165 96.5 79.0 118.6
167 13.3 11.0 16.6

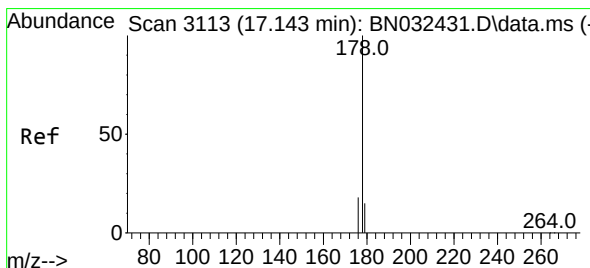
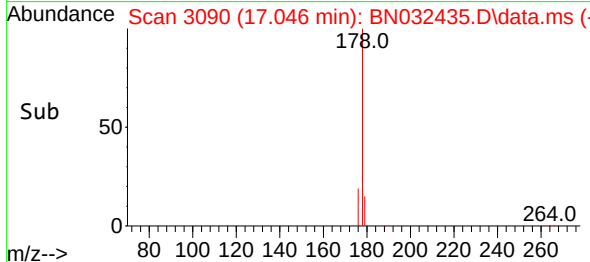
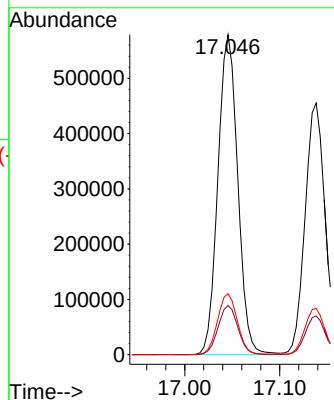
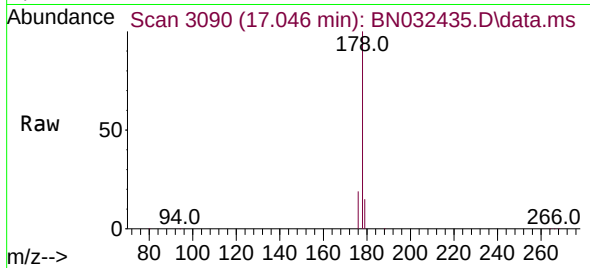




#15
Phenanthrene
Concen: 12.190 ng/ul
RT: 17.046 min Scan# 3090
Delta R.T. -0.004 min
Lab File: BN032435.D
Acq: 03 Jul 2024 13:45

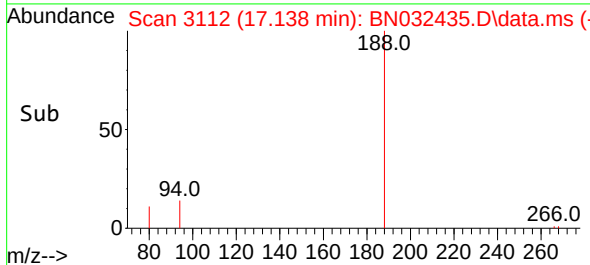
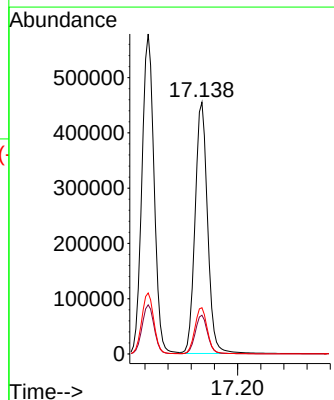
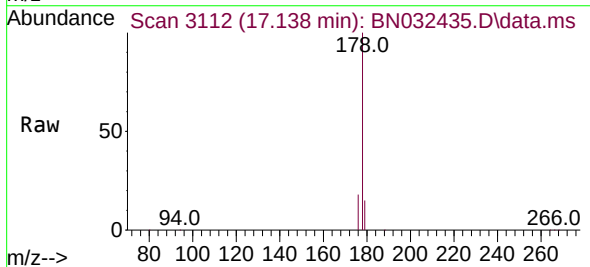
Instrument :
BNA_N
ClientSampleId :
A4DN9

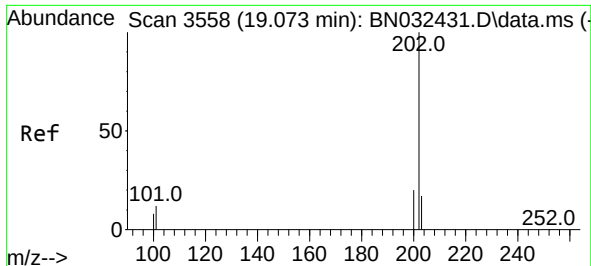
Tgt Ion:178 Resp: 842294
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.0 15.6 23.4



#16
Anthracene
Concen: 11.026 ng/ul
RT: 17.138 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BN032435.D
Acq: 03 Jul 2024 13:45

Tgt Ion:178 Resp: 679567
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 18.4 15.0 22.6

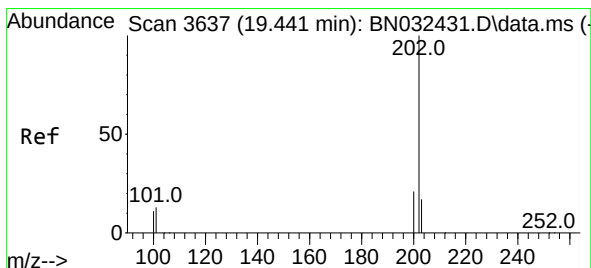
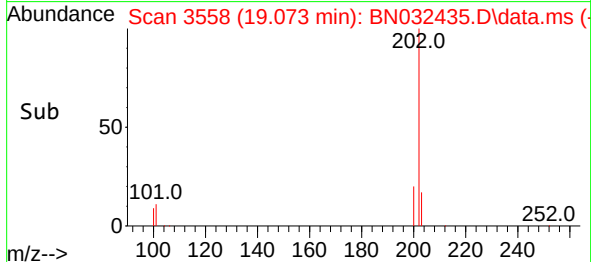
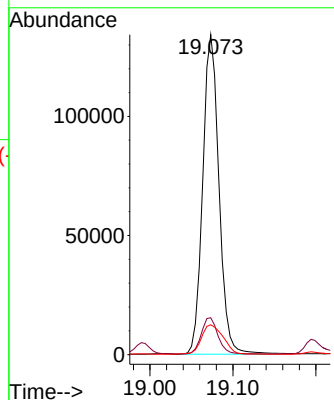
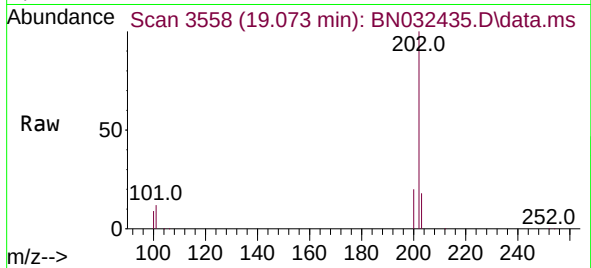




#19
Fluoranthene
Concen: 2.656 ng/ul
RT: 19.073 min Scan# 3558
Delta R.T. 0.000 min
Lab File: BN032435.D
Acq: 03 Jul 2024 13:45

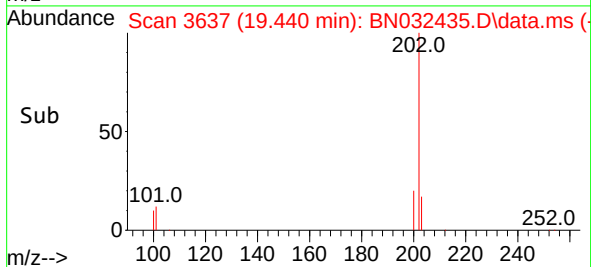
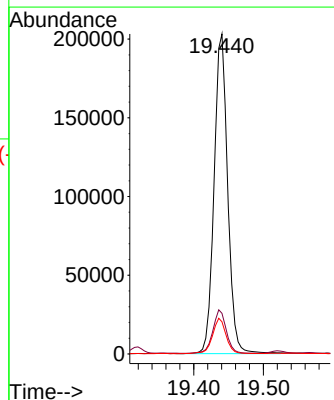
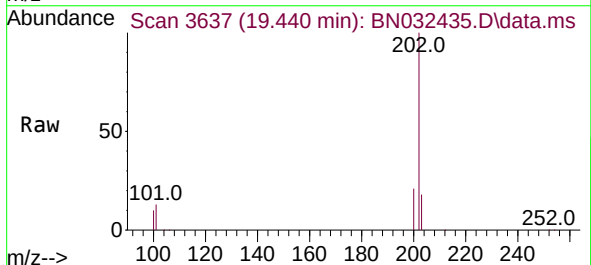
Instrument :
BNA_N
ClientSampleId :
A4DN9

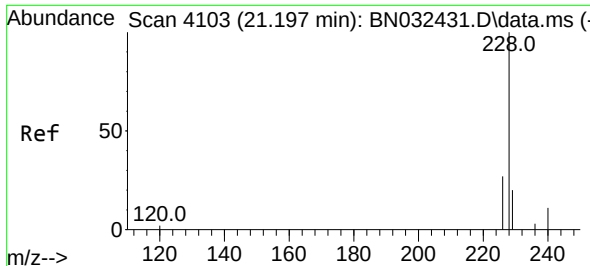
Tgt Ion:202 Resp: 182868
Ion Ratio Lower Upper
202 100
101 11.5 8.8 13.2
100 9.3 6.4 9.6



#20
Pyrene
Concen: 3.824 ng/ul
RT: 19.440 min Scan# 3637
Delta R.T. 0.000 min
Lab File: BN032435.D
Acq: 03 Jul 2024 13:45

Tgt Ion:202 Resp: 275078
Ion Ratio Lower Upper
202 100
101 12.7 11.0 16.4
100 10.1 8.7 13.1

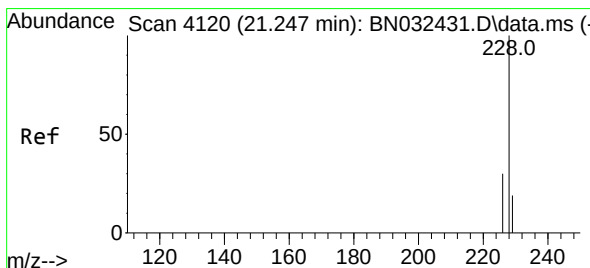
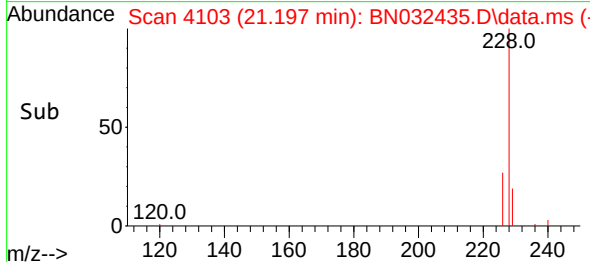
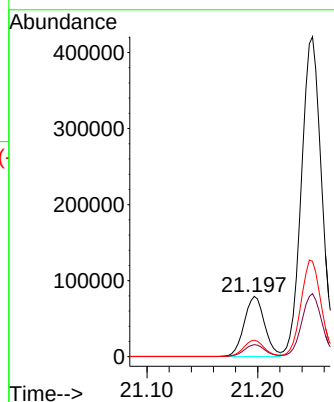
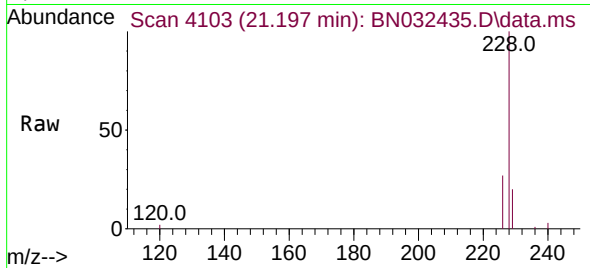




#21
Benzo(a)anthracene
Concen: 1.551 ng/ul
RT: 21.197 min Scan# 4103
Delta R.T. 0.006 min
Lab File: BN032435.D
Acq: 03 Jul 2024 13:45

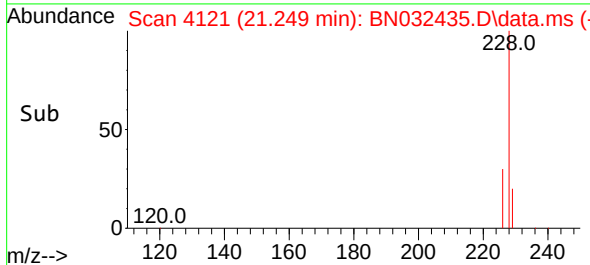
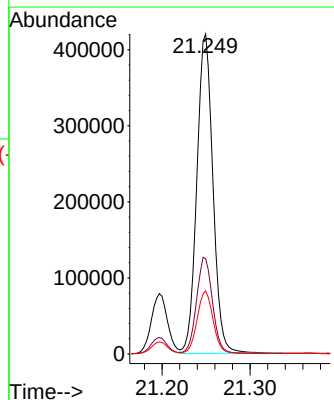
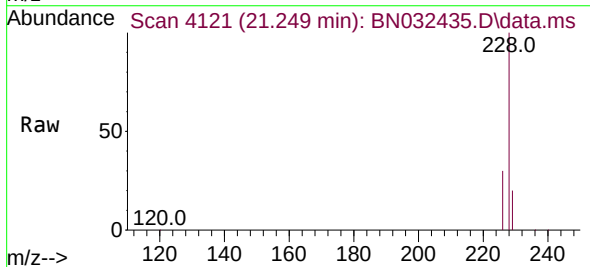
Instrument :
BNA_N
ClientSampleId :
A4DN9

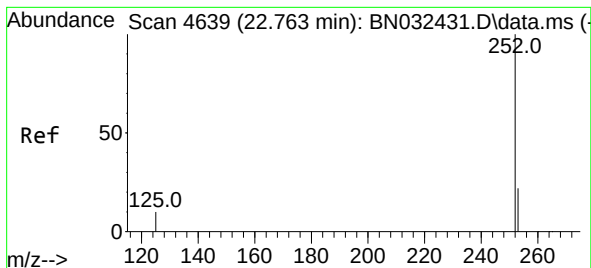
Tgt Ion:228 Resp: 101199
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 27.2 21.8 32.8



#22
Chrysene
Concen: 7.475 ng/ul
RT: 21.249 min Scan# 4121
Delta R.T. 0.006 min
Lab File: BN032435.D
Acq: 03 Jul 2024 13:45

Tgt Ion:228 Resp: 535305
Ion Ratio Lower Upper
228 100
226 29.8 23.6 35.4
229 19.7 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 3.014 ng/ul

RT: 22.763 min Scan# 4639

Delta R.T. 0.006 min

Lab File: BN032435.D

Acq: 03 Jul 2024 13:45

Instrument :

BNA_N

ClientSampleId :

A4DN9

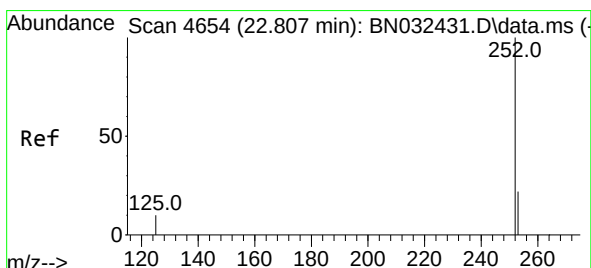
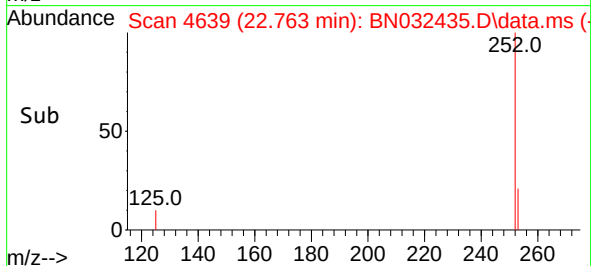
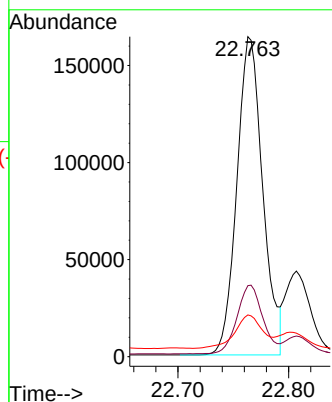
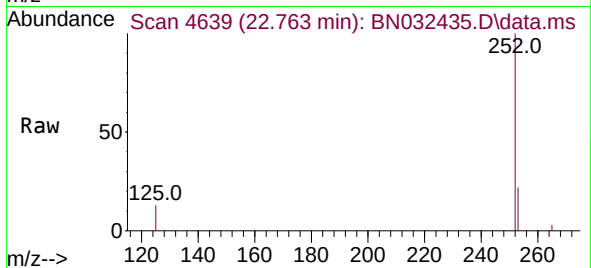
Tgt Ion:252 Resp: 266330

Ion Ratio Lower Upper

252 100

253 22.2 0.0 50.2

125 13.0 0.0 32.0



#25

Benzo(k)fluoranthene

Concen: 0.784 ng/ul

RT: 22.807 min Scan# 4654

Delta R.T. 0.006 min

Lab File: BN032435.D

Acq: 03 Jul 2024 13:45

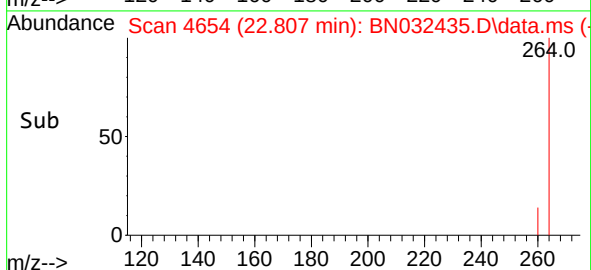
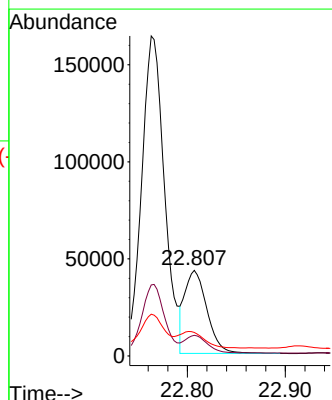
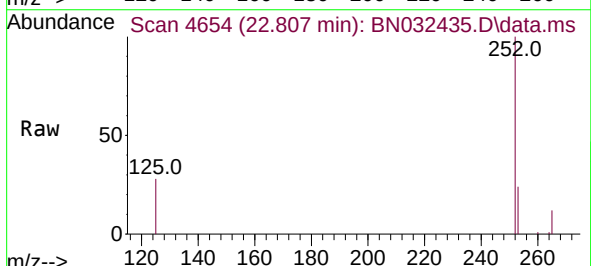
Tgt Ion:252 Resp: 67344

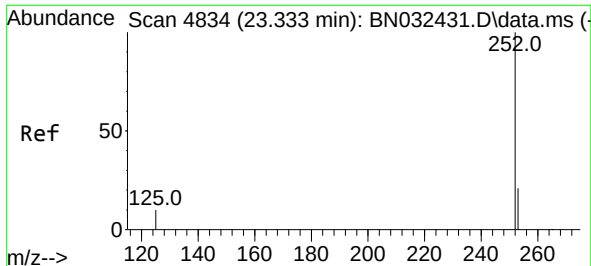
Ion Ratio Lower Upper

252 100

253 24.2 20.3 30.5

125 27.6 12.8 19.2#

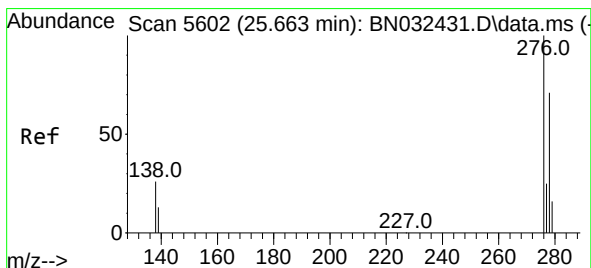
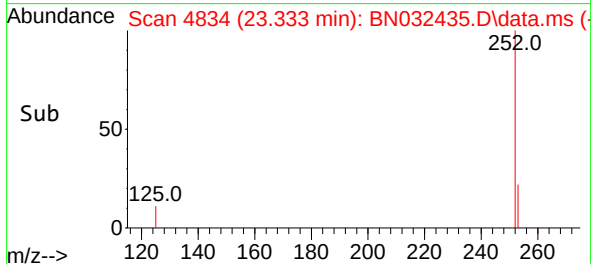
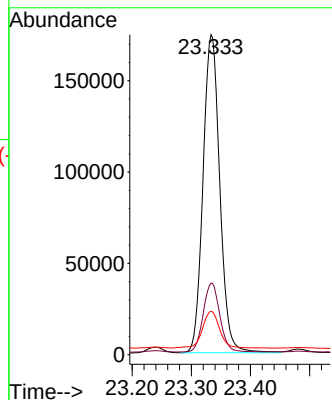
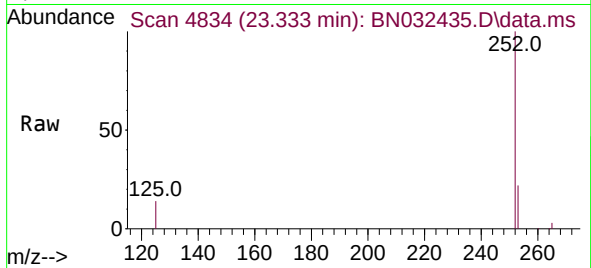




#26
Benzo(a)pyrene
Concen: 5.580 ng/ul
RT: 23.333 min Scan# 4834
Delta R.T. 0.006 min
Lab File: BN032435.D
Acq: 03 Jul 2024 13:45

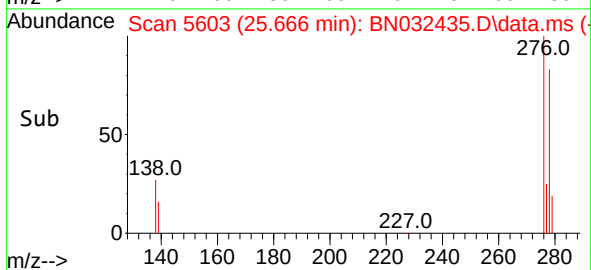
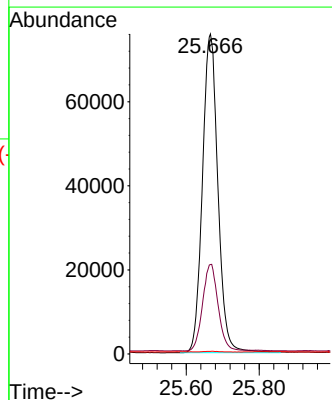
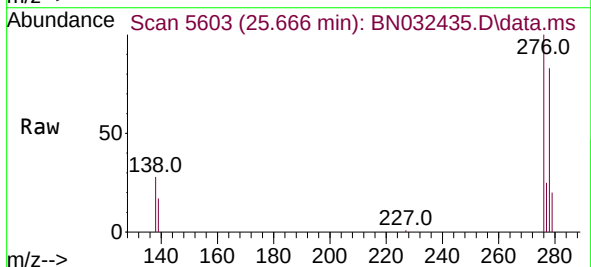
Instrument :
BNA_N
ClientSampleId :
A4DN9

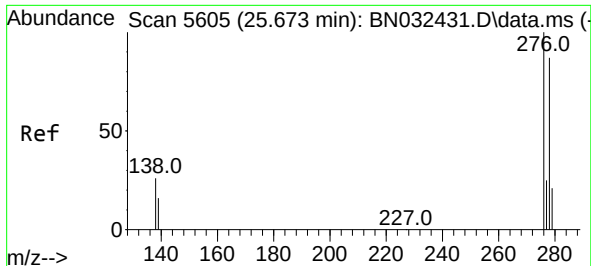
Tgt Ion:252 Resp: 343077
Ion Ratio Lower Upper
252 100
253 22.3 22.2 33.2
125 13.5 16.4 24.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.323 ng/ul
RT: 25.666 min Scan# 5603
Delta R.T. 0.007 min
Lab File: BN032435.D
Acq: 03 Jul 2024 13:45

Tgt Ion:276 Resp: 223604
Ion Ratio Lower Upper
276 100
138 27.3 21.3 31.9
227 0.2 0.1 0.1#

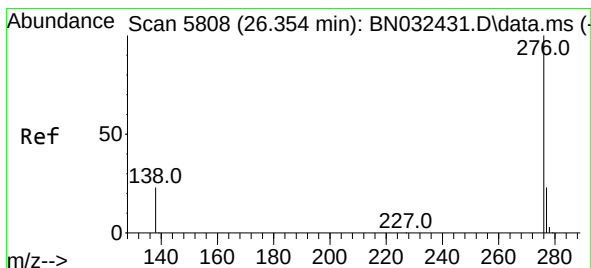
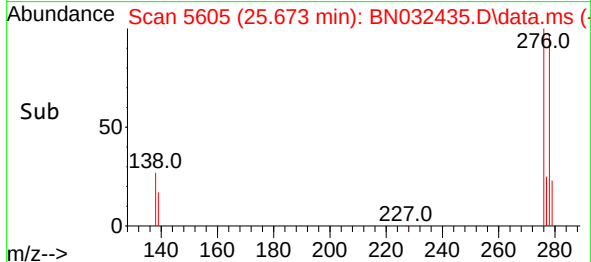
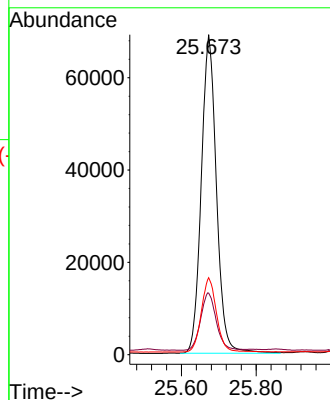
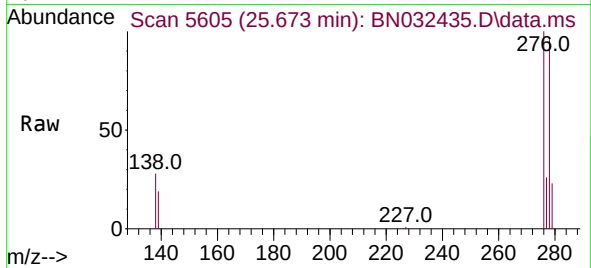




#28
Dibenzo(a,h)anthracene
Concen: 2.723 ng/ul
RT: 25.673 min Scan# 5605
Delta R.T. 0.007 min
Lab File: BN032435.D
Acq: 03 Jul 2024 13:45

Instrument :
BNA_N
ClientSampleId :
A4DN9

Tgt Ion:278 Resp: 194786
Ion Ratio Lower Upper
278 100
139 19.3 15.9 23.9
279 24.0 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 7.173 ng/ul
RT: 26.350 min Scan# 5807
Delta R.T. 0.007 min
Lab File: BN032435.D
Acq: 03 Jul 2024 13:45

Tgt Ion:276 Resp: 550073
Ion Ratio Lower Upper
276 100
138 23.1 19.8 29.6
277 23.9 19.8 29.6

