

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
 Data File : BN036047.D
 Acq On : 27 Jan 2025 21:25
 Operator : RC/JU
 Sample : Q1174-22
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2953

Quant Time: Jan 28 00:09:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 21 23:52:22 2025
 Response via : Initial Calibration

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

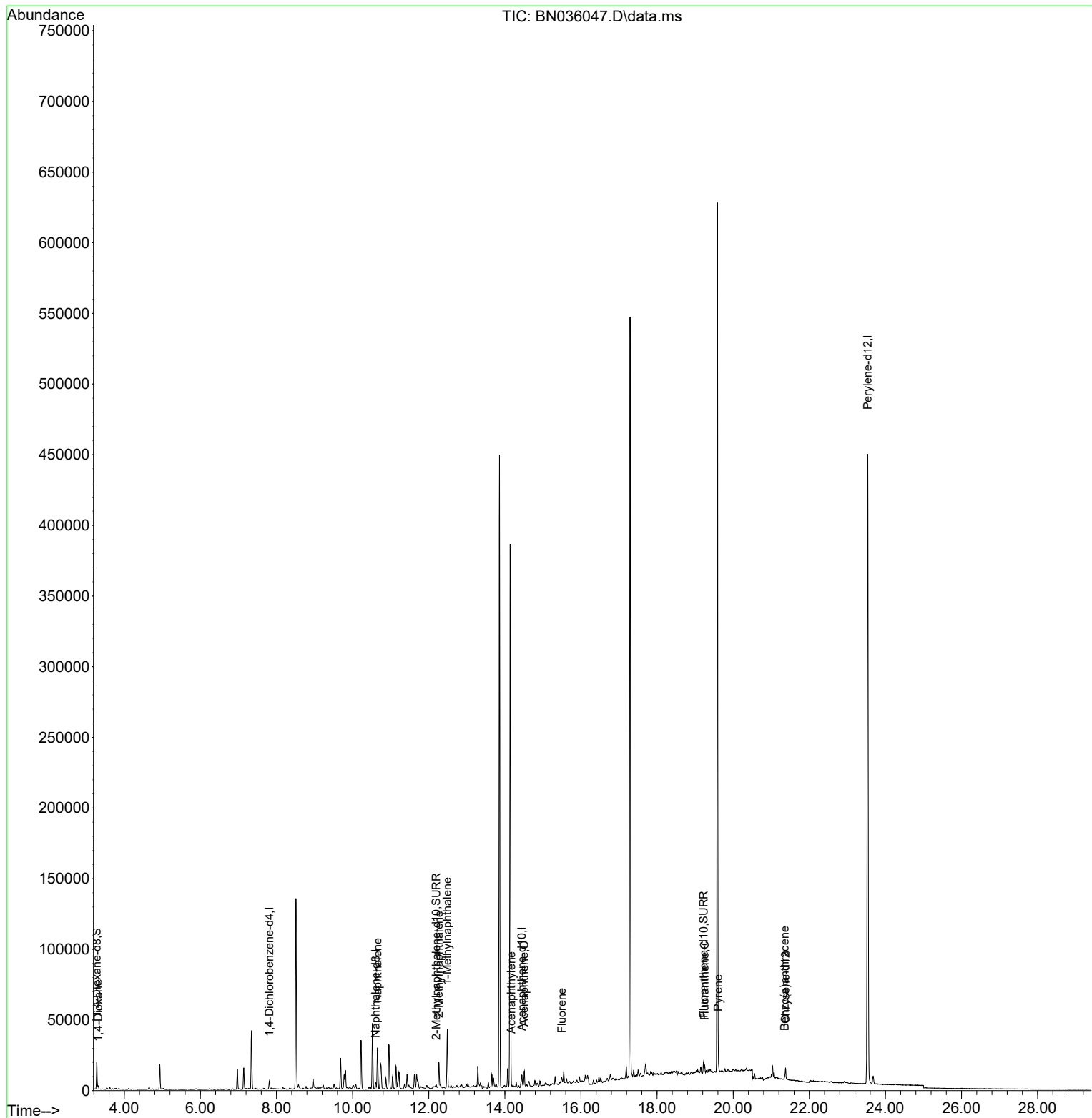
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	2633	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	5956	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.445	164	8212	0.400	ng/ul	0.00
13) Phenanthrene-d10	0.000	188	0	0.000	ng/ul	-17.19
17) Chrysene-d12	21.375	240	10347	0.400	ng/ul	# 0.00
23) Perylene-d12	23.535	264	417901	0.400	ng/ul	#-0.13
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	11051	3.833	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.194	152	3052	0.406	ng/ul	0.00
18) Fluoranthene-d10	19.220	212	7776	0.273	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.314	88	1114	0.362	ng/ul#	65
5) Naphthalene	10.655	128	37824	2.305	ng/ul	98
7) 2-Methylnaphthalene	12.266	142	11396	1.118	ng/ul	99
8) 1-Methylnaphthalene	12.486	142	25789	2.493	ng/ul	99
10) Acenaphthylene	14.168	152	2523	0.065	ng/ul#	66
11) Acenaphthene	14.510	153	6326	0.222	ng/ul	96
12) Fluorene	15.495	166	5464	0.174	ng/ul#	93
19) Fluoranthene	19.248	202	5410	0.138	ng/ul#	64
20) Pyrene	19.610	202	4874	0.119	ng/ul#	58
21) Benzo(a)anthracene	21.357	228	785	0.021	ng/ul#	1

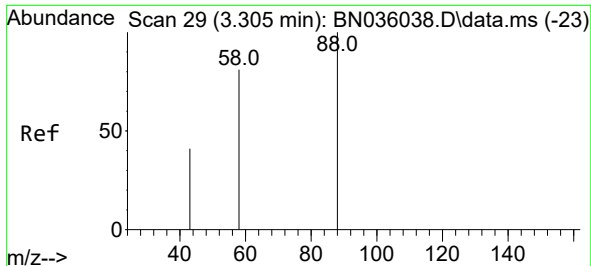
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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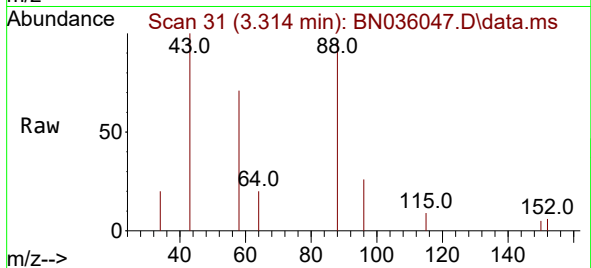
Quant Time: Jan 28 00:09:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration



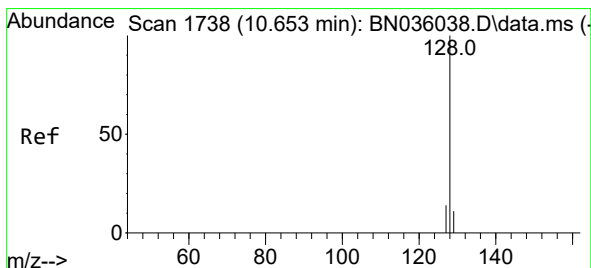
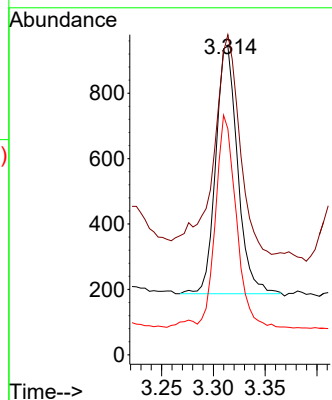
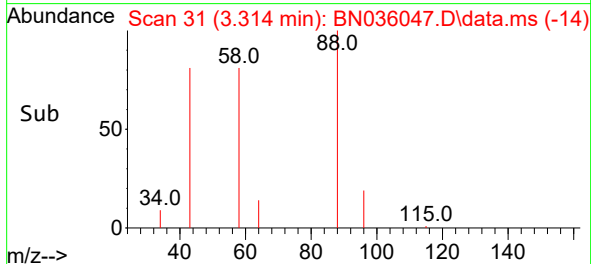


#2
1,4-Dioxane
Concen: 0.362 ng/ul
RT: 3.314 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN036047.D
Acq: 27 Jan 2025 21:25

Instrument :
BNA_N
ClientSampleId :
E2953

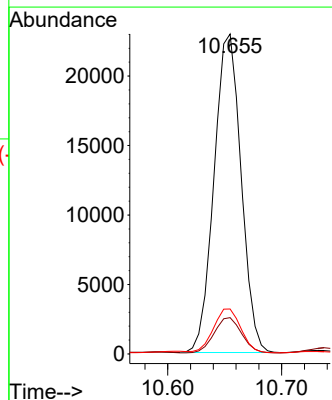
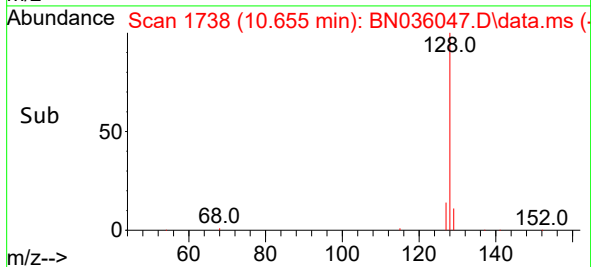
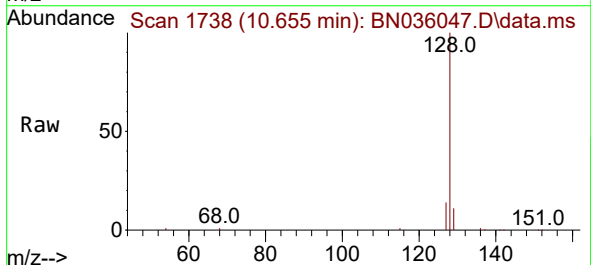


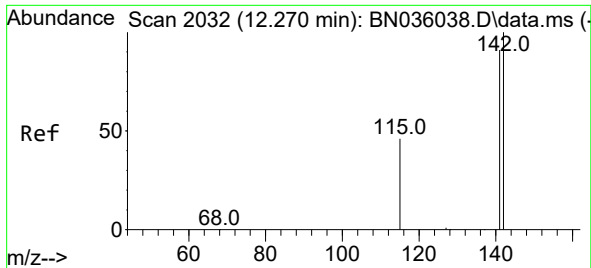
Tgt Ion: 88 Resp: 1114
Ion Ratio Lower Upper
88 100
43 103.7 40.7 61.1#
58 73.2 55.2 82.8



#5
Naphthalene
Concen: 2.305 ng/ul
RT: 10.655 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN036047.D
Acq: 27 Jan 2025 21:25

Tgt Ion:128 Resp: 37824
Ion Ratio Lower Upper
128 100
129 11.3 9.6 14.4
127 14.0 12.0 18.0

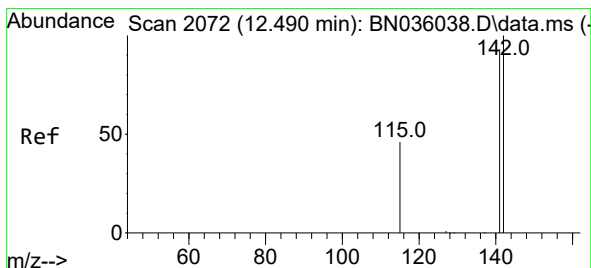
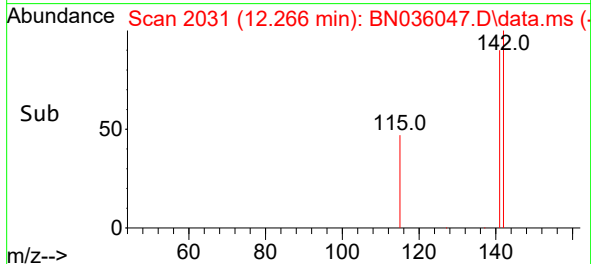
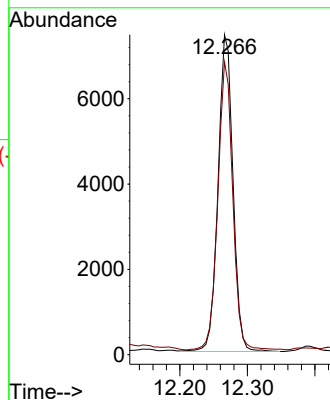
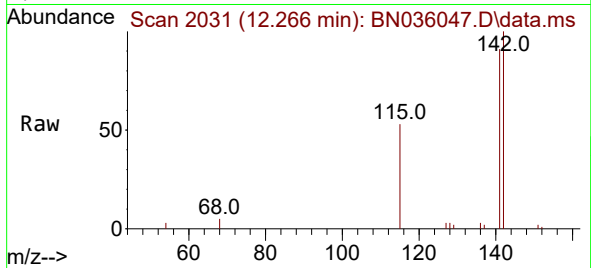




#7
2-Methylnaphthalene
Concen: 1.118 ng/ul
RT: 12.266 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BN036047.D
Acq: 27 Jan 2025 21:25

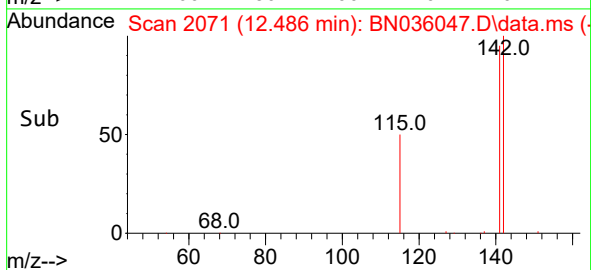
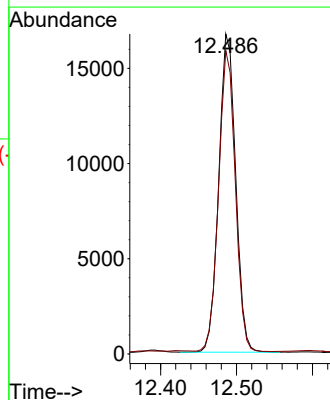
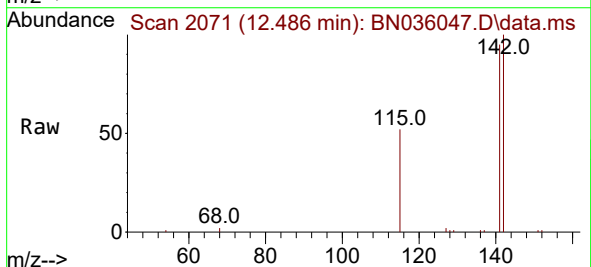
Instrument :
BNA_N
ClientSampleId :
E2953

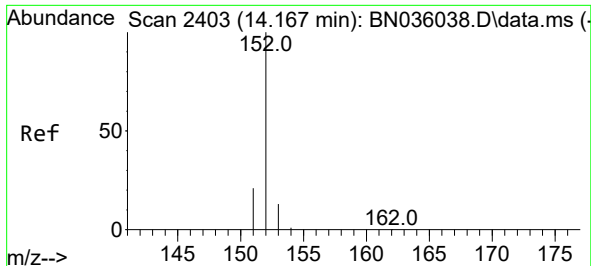
Tgt Ion:142 Resp: 11396
Ion Ratio Lower Upper
142 100
141 90.7 71.9 107.9



#8
1-Methylnaphthalene
Concen: 2.493 ng/ul
RT: 12.486 min Scan# 2071
Delta R.T. -0.005 min
Lab File: BN036047.D
Acq: 27 Jan 2025 21:25

Tgt Ion:142 Resp: 25789
Ion Ratio Lower Upper
142 100
141 93.4 75.2 112.8

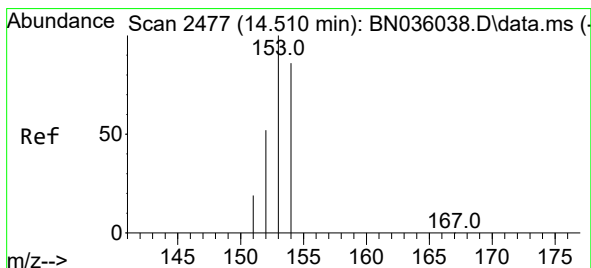
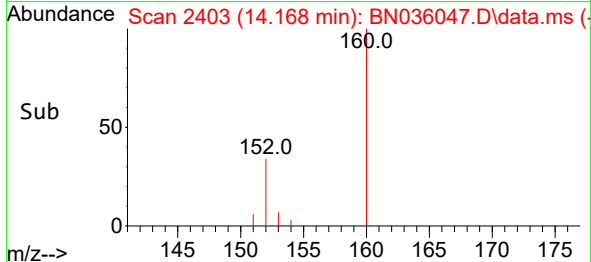
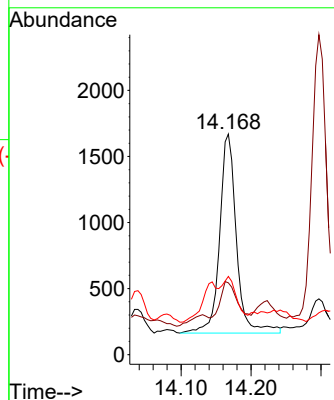
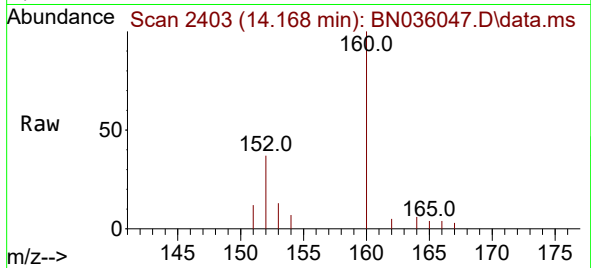




#10
Acenaphthylene
Concen: 0.065 ng/ul
RT: 14.168 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BN036047.D
Acq: 27 Jan 2025 21:25

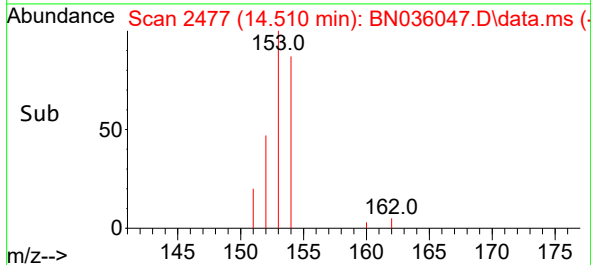
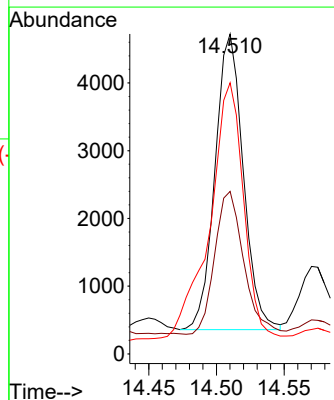
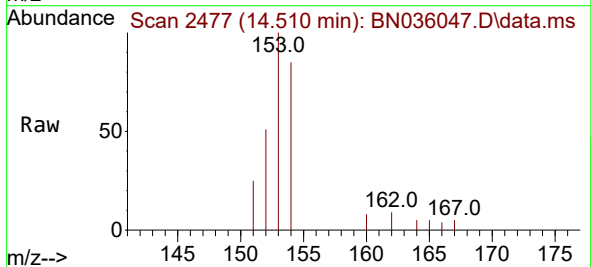
Instrument :
BNA_N
ClientSampleId :
E2953

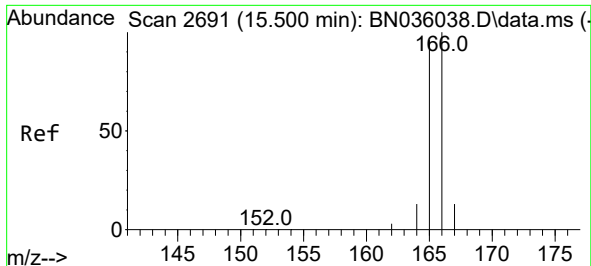
Tgt Ion:152 Resp: 2523
Ion Ratio Lower Upper
152 100
151 32.5 17.4 26.2#
153 35.4 11.9 17.9#



#11
Acenaphthene
Concen: 0.222 ng/ul
RT: 14.510 min Scan# 2477
Delta R.T. -0.005 min
Lab File: BN036047.D
Acq: 27 Jan 2025 21:25

Tgt Ion:153 Resp: 6326
Ion Ratio Lower Upper
153 100
152 50.8 43.2 64.8
154 84.8 70.5 105.7

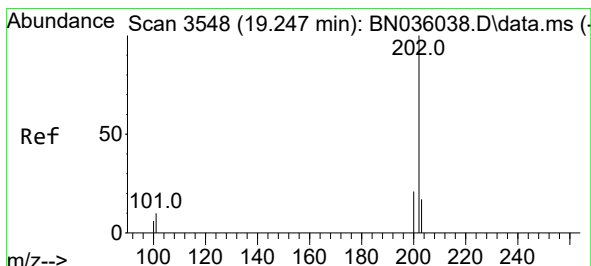
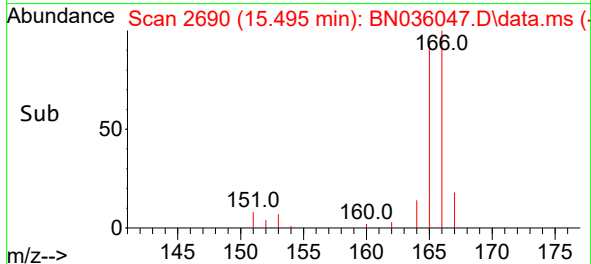
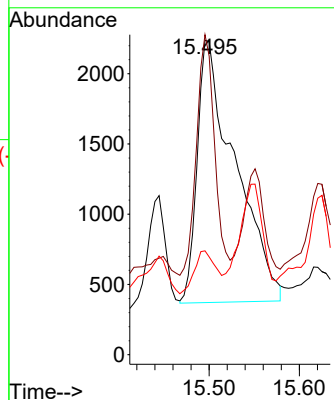
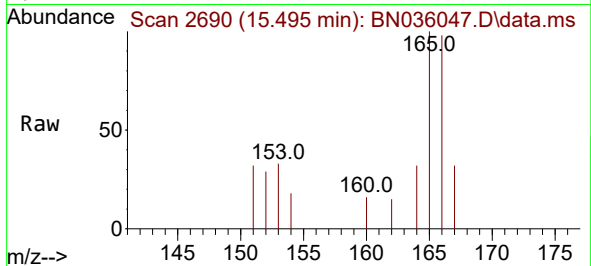




#12
Fluorene
Concen: 0.174 ng/ul
RT: 15.495 min Scan# 2690
Delta R.T. -0.005 min
Lab File: BN036047.D
Acq: 27 Jan 2025 21:25

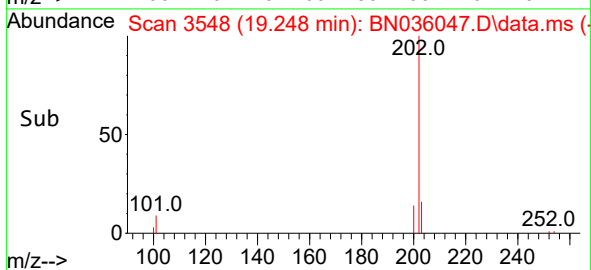
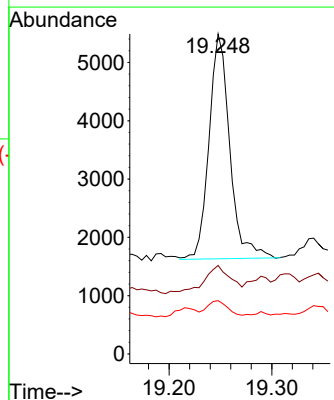
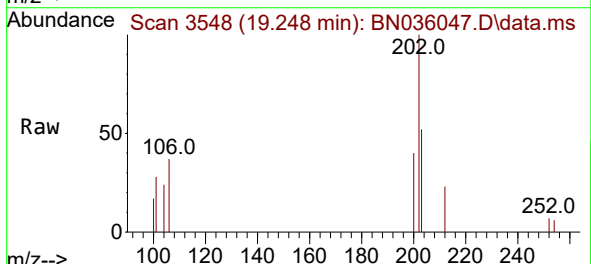
Instrument :
BNA_N
ClientSampleId :
E2953

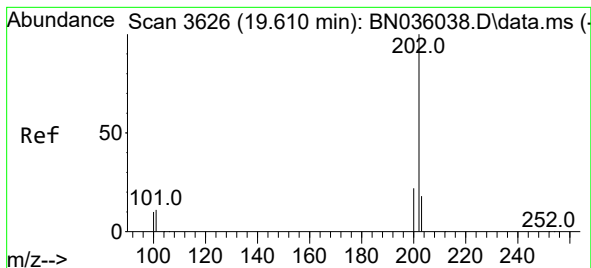
Tgt Ion:166 Resp: 5464
Ion Ratio Lower Upper
166 100
165 101.7 80.3 120.5
167 33.1 12.3 18.5#



#19
Fluoranthene
Concen: 0.138 ng/ul
RT: 19.248 min Scan# 3548
Delta R.T. 0.000 min
Lab File: BN036047.D
Acq: 27 Jan 2025 21:25

Tgt Ion:202 Resp: 5410
Ion Ratio Lower Upper
202 100
101 27.6 8.4 12.6#
100 16.7 6.5 9.7#





#20

Pyrene

Concen: 0.119 ng/ul

RT: 19.610 min Scan# 3626

Delta R.T. 0.000 min

Lab File: BN036047.D

Acq: 27 Jan 2025 21:25

Instrument :

BNA_N

ClientSampleId :

E2953

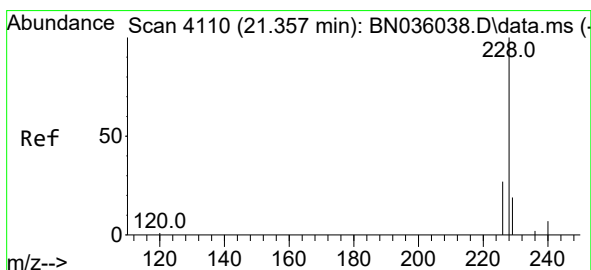
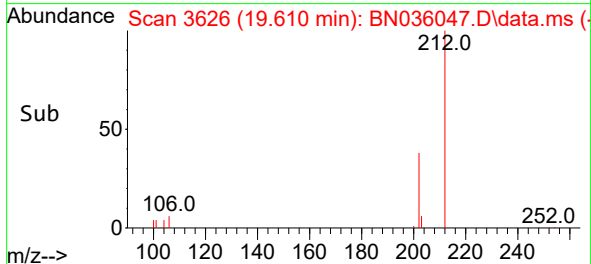
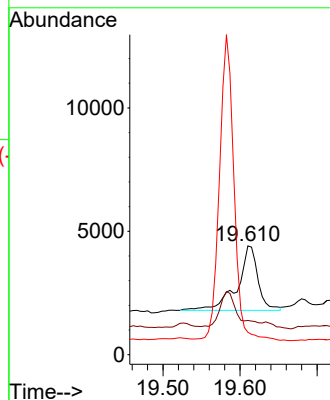
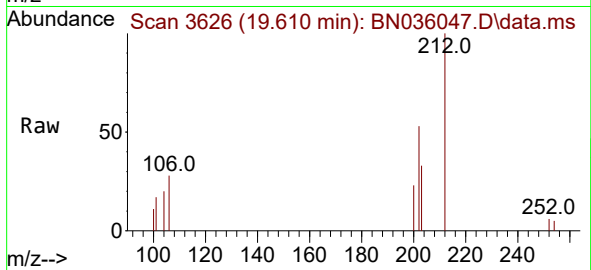
Tgt Ion:202 Resp: 4874

Ion Ratio Lower Upper

202 100

101 31.5 9.3 13.9#

100 20.6 7.5 11.3#



#21

Benzo(a)anthracene

Concen: 0.021 ng/ul

RT: 21.357 min Scan# 4110

Delta R.T. 0.003 min

Lab File: BN036047.D

Acq: 27 Jan 2025 21:25

Tgt Ion:228 Resp: 785

Ion Ratio Lower Upper

228 100

229 102.3 15.9 23.9#

226 88.1 22.8 34.2#

