

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
 Data File : BN024497.D
 Acq On : 23 Mar 2023 02:25
 Operator : CG/JU
 Sample : 01947-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB939

Quant Time: Mar 23 03:34:11 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 03:32:22 2023
 Response via : Initial Calibration

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

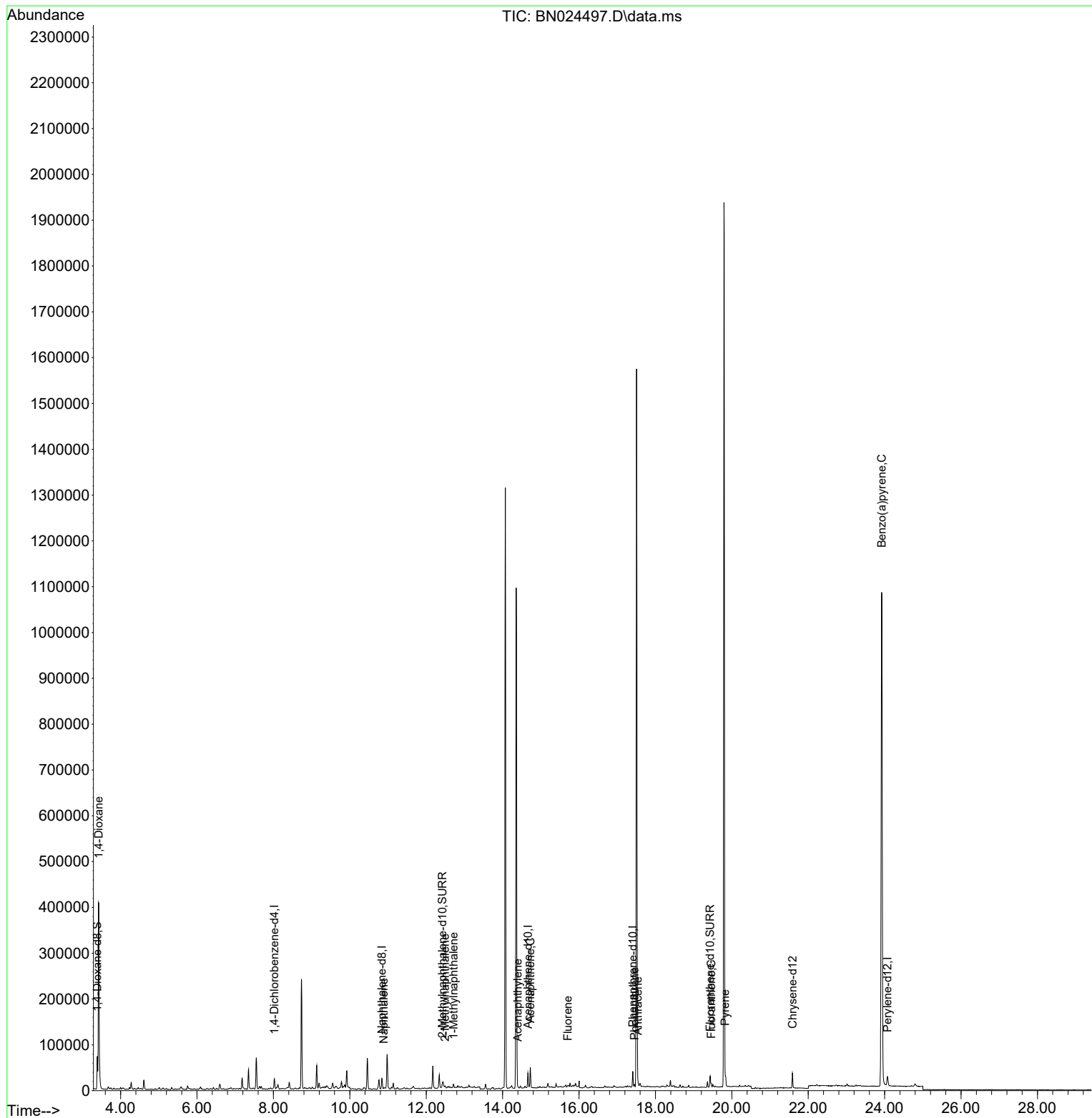
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.025	152	10055	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	30103	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.661	164	18304	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.409	188	37697	0.400	ng/ul #	0.00
17) Chrysene-d12	21.586	240	29570	0.400	ng/ul #	0.00
23) Perylene-d12	24.073	264	30109	0.400	ng/ul #	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	44787	4.047	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	9819	0.275	ng/ul	0.00
18) Fluoranthene-d10	19.432	212	22910	0.291	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.427	88	285779	23.743	ng/ul	88
5) Naphthalene	10.889	128	2385	0.032	ng/ul#	53
7) 2-Methylnaphthalene	12.495	142	2761	0.061	ng/ul	92
8) 1-Methylnaphthalene	12.715	142	5004	0.104	ng/ul	96
10) Acenaphthylene	14.393	152	2780	0.036	ng/ul#	34
11) Acenaphthene	14.726	153	26432	0.449	ng/ul	97
12) Fluorene	15.707	166	1834	0.028	ng/ul#	61
15) Phenanthrene	17.451	178	6775	0.063	ng/ul#	61
16) Anthracene	17.540	178	8488	0.090	ng/ul#	62
19) Fluoranthene	19.459	202	5559	0.047	ng/ul#	33
20) Pyrene	19.822	202	11945	0.100	ng/ul#	54
26) Benzo(a)pyrene	23.921	252	6375	0.064	ng/ul#	15

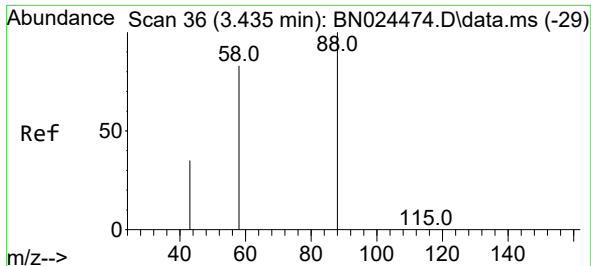
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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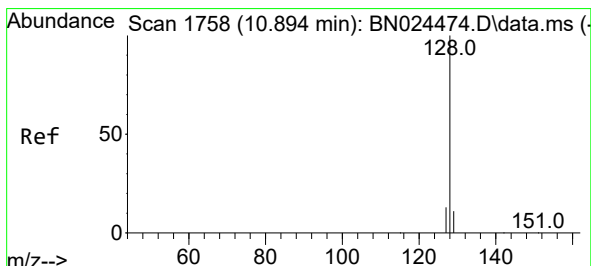
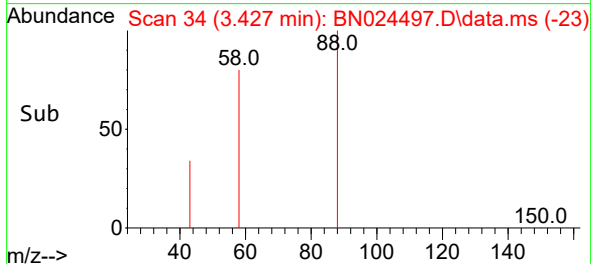
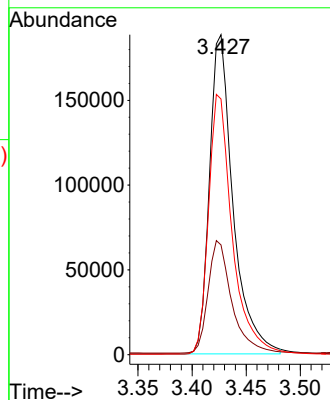
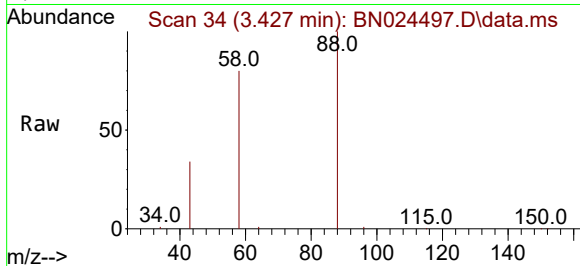




#2
1,4-Dioxane
Concen: 23.743 ng/ul
RT: 3.427 min Scan# 34
Delta R.T. -0.004 min
Lab File: BN024497.D
Acq: 23 Mar 2023 02:25

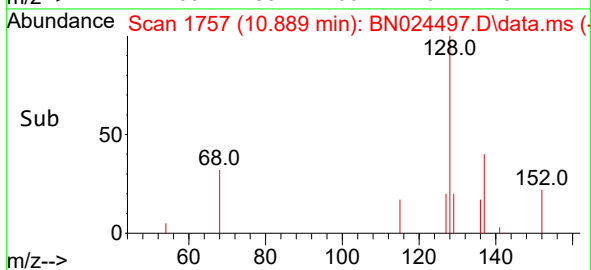
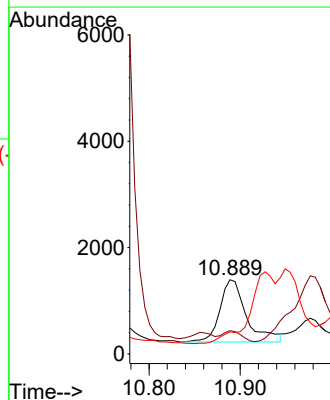
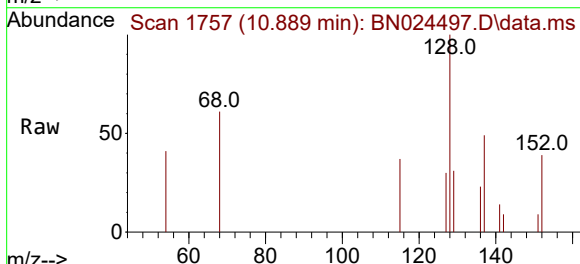
Instrument :
BNA_N
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CB939

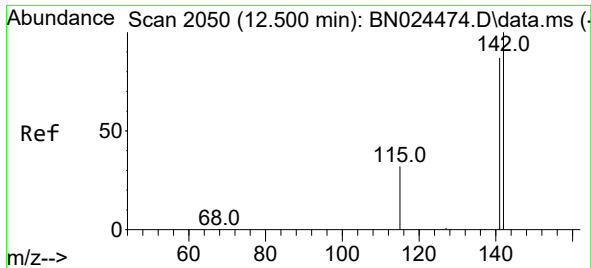
Tgt Ion: 88 Resp: 285779
Ion Ratio Lower Upper
88 100
43 34.3 32.1 48.1
58 79.9 55.1 82.7



#5
Naphthalene
Concen: 0.032 ng/ul
RT: 10.889 min Scan# 1757
Delta R.T. -0.005 min
Lab File: BN024497.D
Acq: 23 Mar 2023 02:25

Tgt Ion:128 Resp: 2385
Ion Ratio Lower Upper
128 100
129 31.2 9.0 13.6#
127 29.8 10.5 15.7#

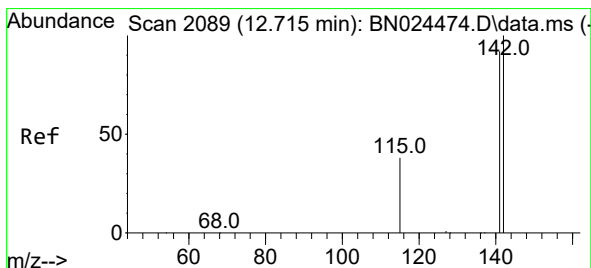
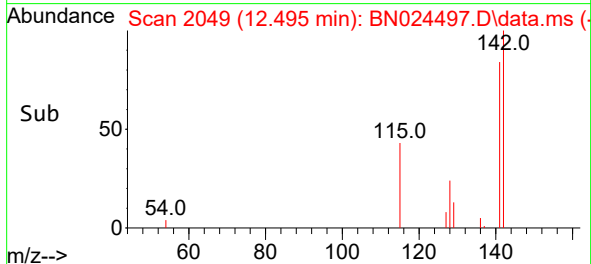
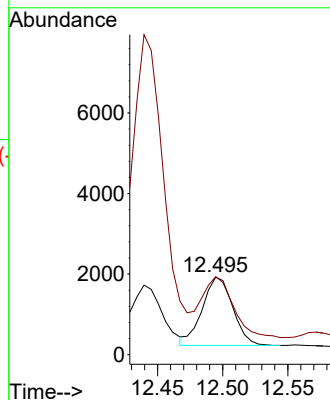
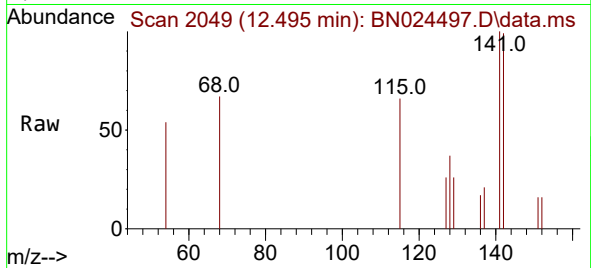




#7
2-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.495 min Scan# 2049
Delta R.T. -0.005 min
Lab File: BN024497.D
Acq: 23 Mar 2023 02:25

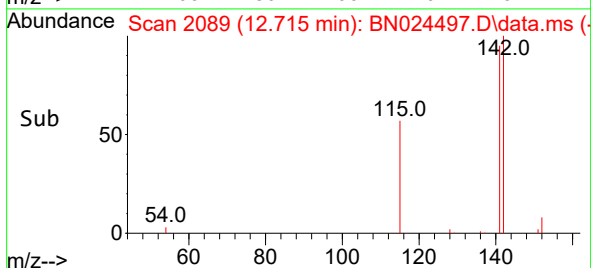
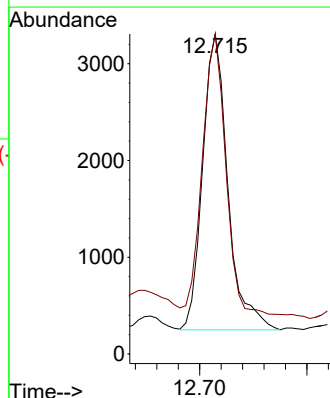
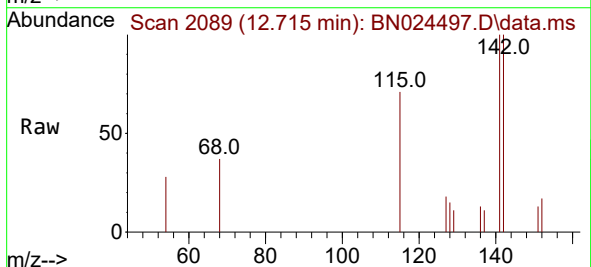
Instrument :
BNA_N
ClientSampleId :
CB939

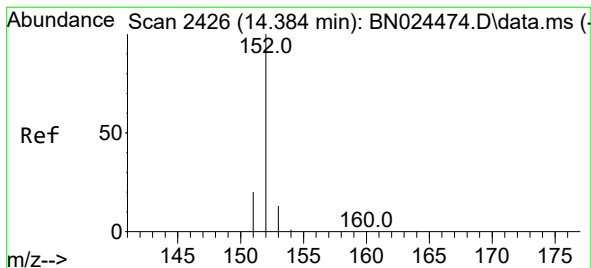
Tgt Ion:142 Resp: 2761
Ion Ratio Lower Upper
142 100
141 95.1 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 12.715 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BN024497.D
Acq: 23 Mar 2023 02:25

Tgt Ion:142 Resp: 5004
Ion Ratio Lower Upper
142 100
141 87.4 73.0 109.6





#10

Acenaphthylene

Concen: 0.036 ng/ul

RT: 14.393 min Scan# 2426

Delta R.T. 0.010 min

Lab File: BN024497.D

Acq: 23 Mar 2023 02:25

Instrument :

BNA_N

ClientSampleId :

CB939

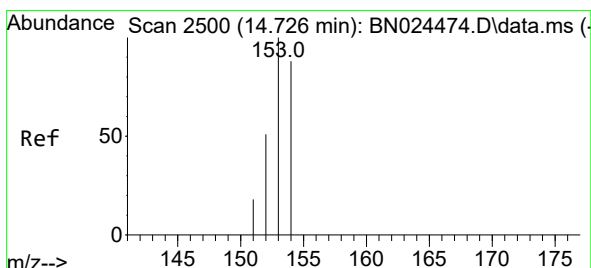
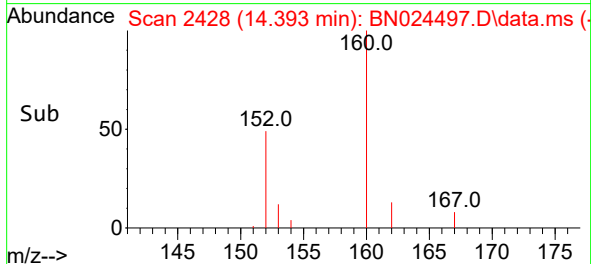
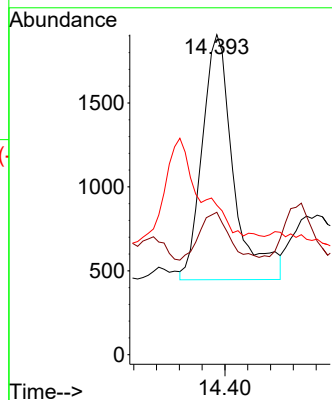
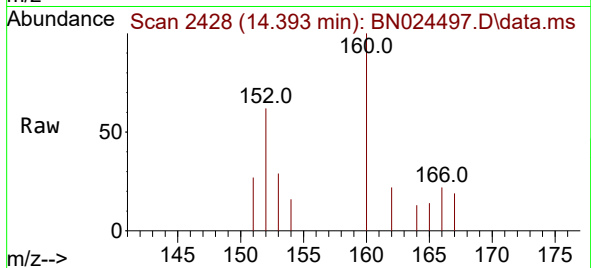
Tgt Ion:152 Resp: 2780

Ion Ratio Lower Upper

152 100

151 44.5 15.9 23.9#

153 46.7 10.6 16.0#



#11

Acenaphthene

Concen: 0.449 ng/ul

RT: 14.726 min Scan# 2500

Delta R.T. 0.000 min

Lab File: BN024497.D

Acq: 23 Mar 2023 02:25

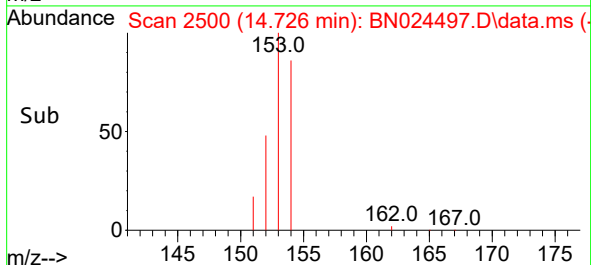
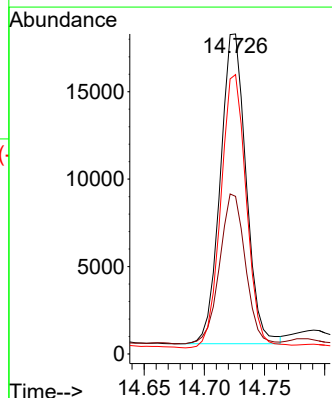
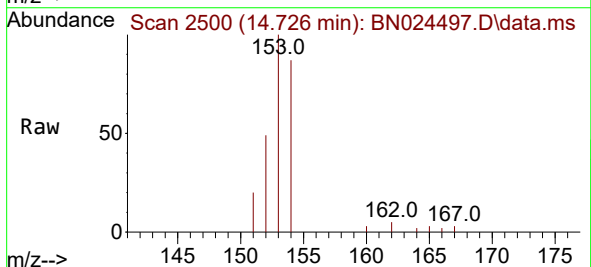
Tgt Ion:153 Resp: 26432

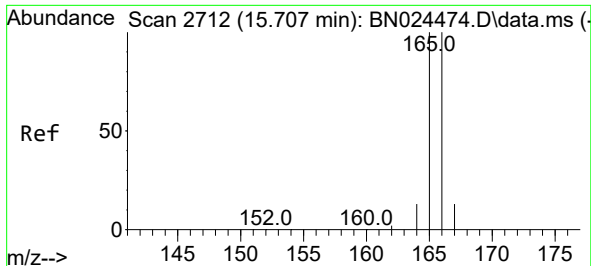
Ion Ratio Lower Upper

153 100

152 49.3 42.6 64.0

154 87.3 70.6 105.8

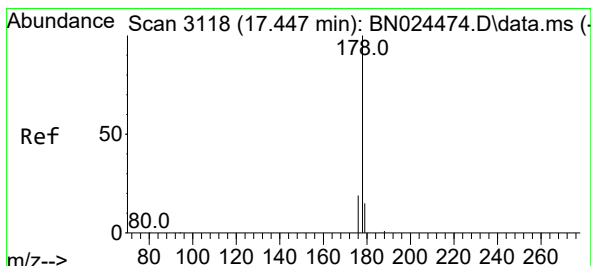
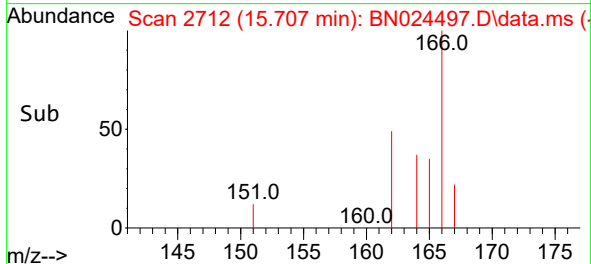
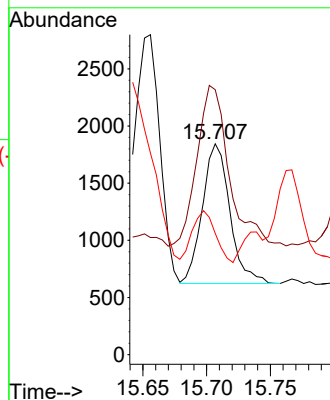
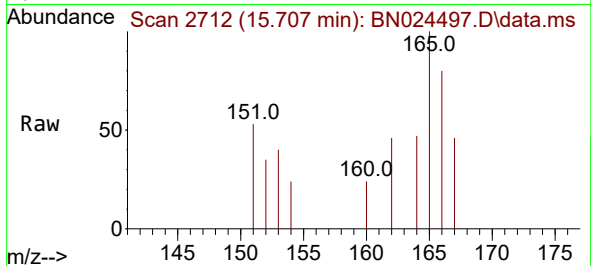




#12
Fluorene
Concen: 0.028 ng/ul
RT: 15.707 min Scan# 2712
Delta R.T. -0.004 min
Lab File: BN024497.D
Acq: 23 Mar 2023 02:25

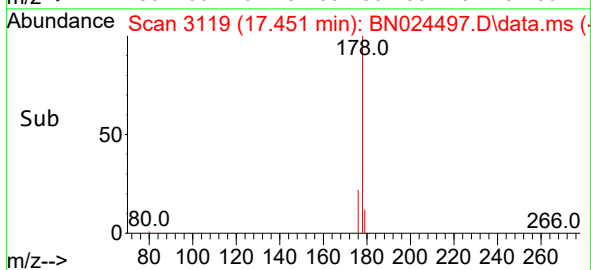
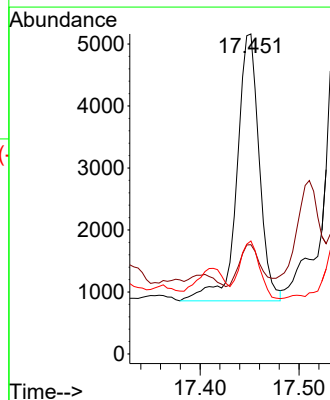
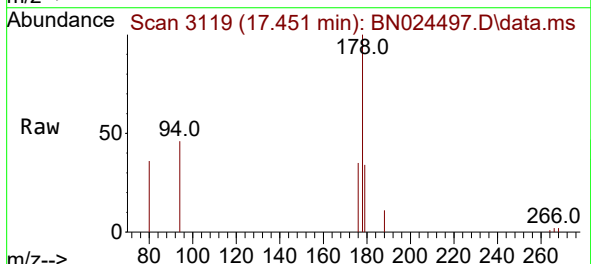
Instrument :
BNA_N
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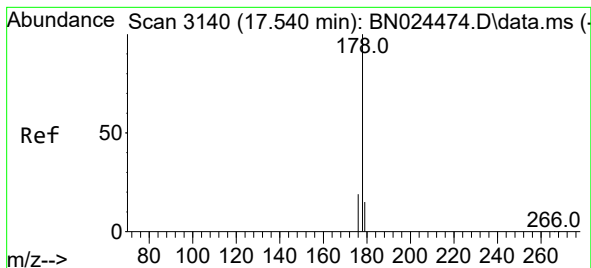
Tgt Ion:166 Resp: 1834
Ion Ratio Lower Upper
166 100
165 125.6 77.4 116.0#
167 57.5 10.9 16.3#



#15
Phenanthrene
Concen: 0.063 ng/ul
RT: 17.451 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN024497.D
Acq: 23 Mar 2023 02:25

Tgt Ion:178 Resp: 6775
Ion Ratio Lower Upper
178 100
179 34.2 12.2 18.2#
176 35.3 15.7 23.5#





#16

Anthracene

Concen: 0.090 ng/ul

RT: 17.540 min Scan# 3140

Delta R.T. 0.000 min

Lab File: BN024497.D

Acq: 23 Mar 2023 02:25

Instrument :

BNA_N

ClientSampleId :

CB939

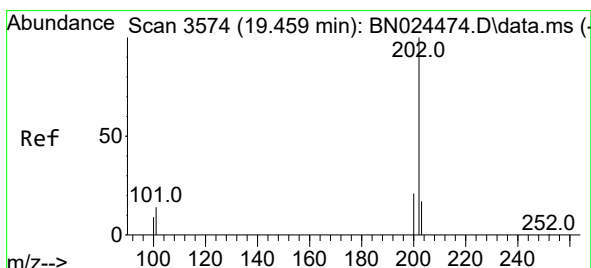
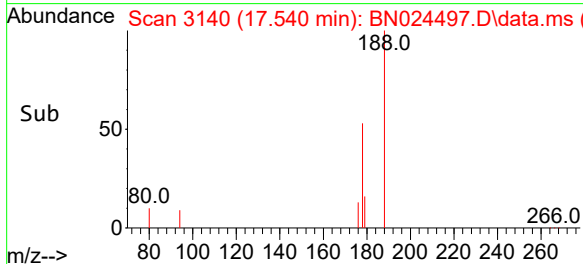
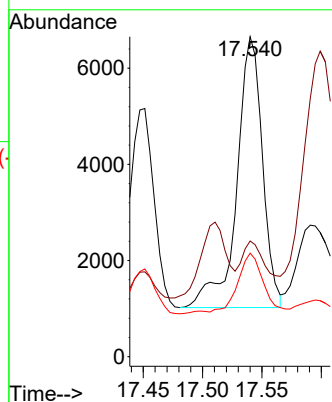
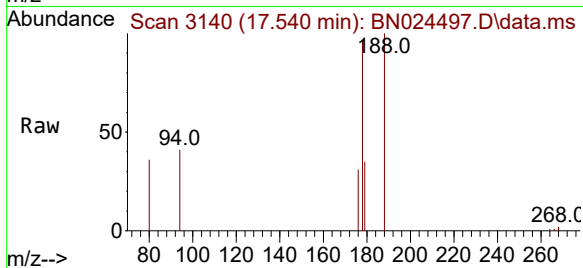
Tgt Ion:178 Resp: 8488

Ion Ratio Lower Upper

178 100

179 36.1 12.3 18.5#

176 32.3 15.3 22.9#



#19

Fluoranthene

Concen: 0.047 ng/ul

RT: 19.459 min Scan# 3574

Delta R.T. -0.004 min

Lab File: BN024497.D

Acq: 23 Mar 2023 02:25

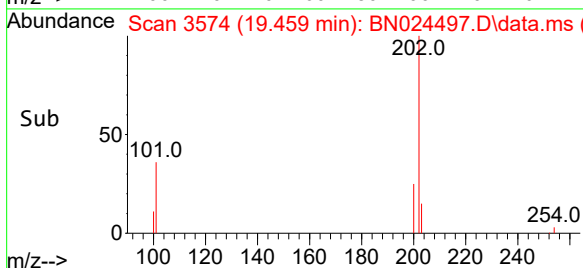
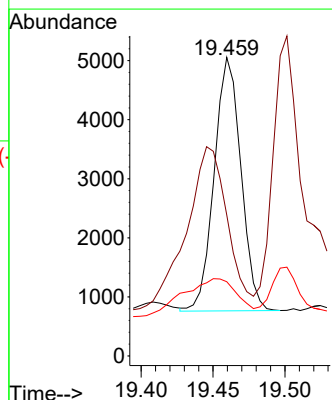
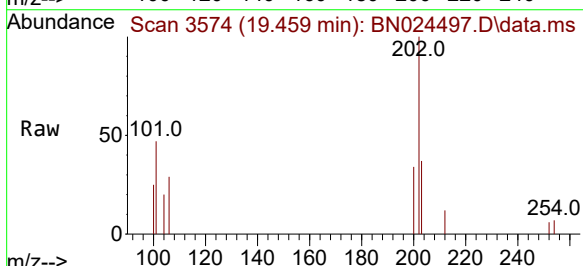
Tgt Ion:202 Resp: 5559

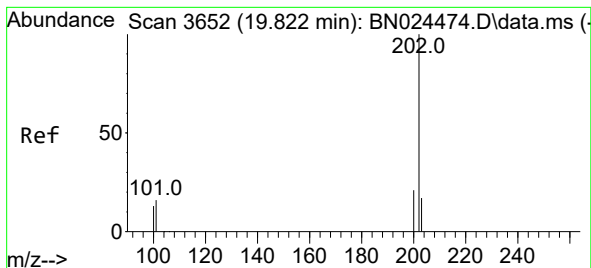
Ion Ratio Lower Upper

202 100

101 47.2 10.4 15.6#

100 24.9 7.7 11.5#





#20

Pyrene

Concen: 0.100 ng/ul

RT: 19.822 min Scan# 3

Delta R.T. 0.000 min

Lab File: BN024497.D

Acq: 23 Mar 2023 02:25

Instrument :

BNA_N

ClientSampleId :

CB939

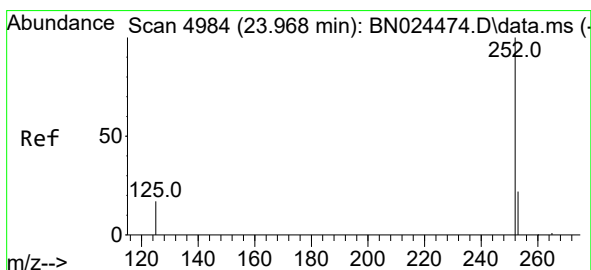
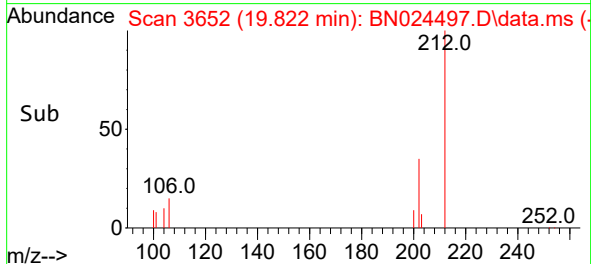
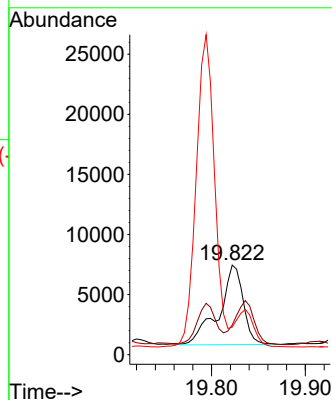
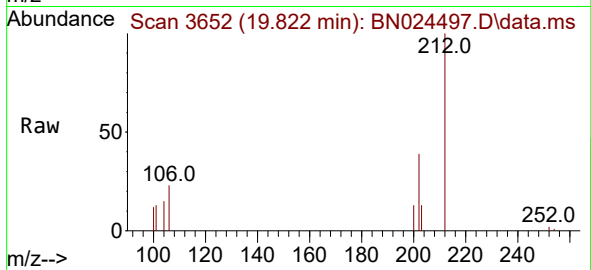
Tgt Ion:202 Resp: 11945

Ion Ratio Lower Upper

202 100

101 33.1 12.1 18.1#

100 30.8 9.4 14.0#



#26

Benzo(a)pyrene

Concen: 0.064 ng/ul

RT: 23.921 min Scan# 4968

Delta R.T. -0.055 min

Lab File: BN024497.D

Acq: 23 Mar 2023 02:25

Tgt Ion:252 Resp: 6375

Ion Ratio Lower Upper

252 100

253 58.8 19.2 28.8#

125 66.8 15.8 23.6#

