

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024182.D
 Acq On : 09 Mar 2023 00:12
 Operator : CG/JU
 Sample : 01746-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAE1

Quant Time: Mar 09 03:52:26 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 09 03:48:21 2023
 Response via : Initial Calibration

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

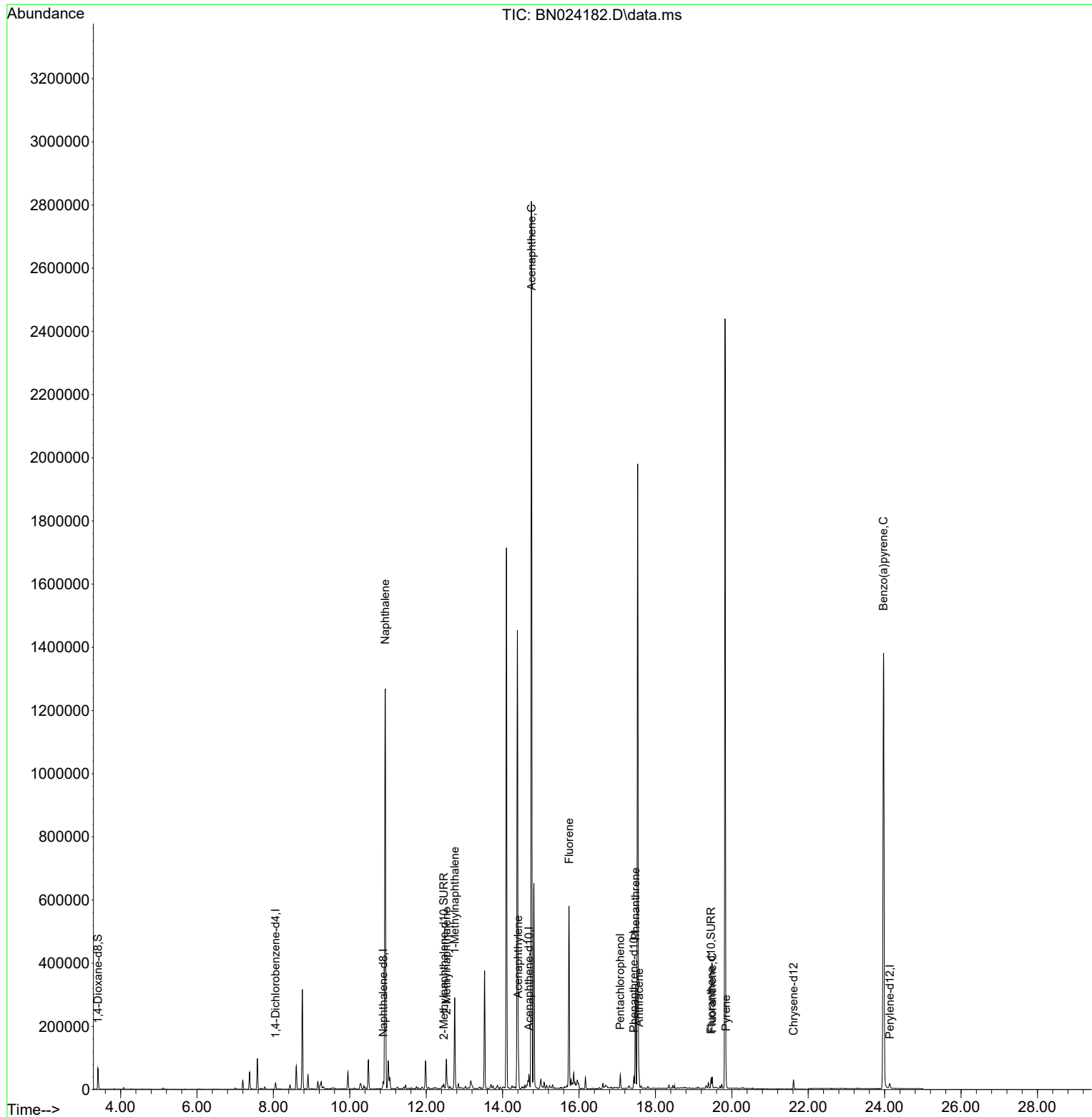
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	9743	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	30667	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	19186	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.434	188	37253	0.400	ng/ul	0.00
17) Chrysene-d12	21.615	240	27526	0.400	ng/ul	-0.01
23) Perylene-d12	24.132	264	23899	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	40786	3.804	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	13034	0.358	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	31115	0.425	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.927	128	1752915	22.900	ng/ul	99
7) 2-Methylnaphthalene	12.527	142	63175	1.360	ng/ul	100
8) 1-Methylnaphthalene	12.747	142	192262	3.939	ng/ul	100
10) Acenaphthylene	14.411	152	106126	1.326	ng/ul	99
11) Acenaphthene	14.754	153	1643399	26.647	ng/ul	97
12) Fluorene	15.739	166	361798	5.253	ng/ul	100
14) Pentachlorophenol	17.080	266	25763	2.490	ng/ul#	73
15) Phenanthrene	17.477	178	342833	3.213	ng/ul	100
16) Anthracene	17.569	178	48108	0.514	ng/ul	96
19) Fluoranthene	19.487	202	28262	0.258	ng/ul	96
20) Pyrene	19.850	202	18095	0.163	ng/ul#	87
26) Benzo(a)pyrene	23.968	252	8069	0.103	ng/ul#	69

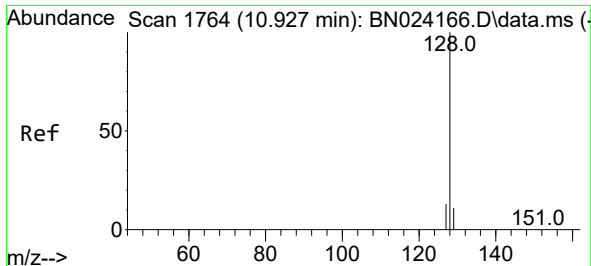
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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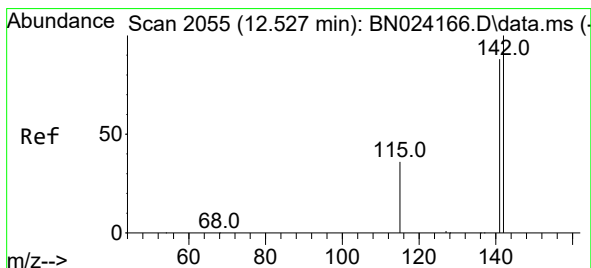
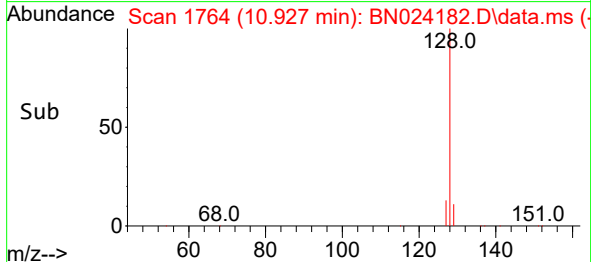
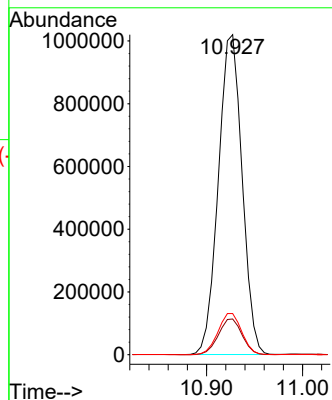
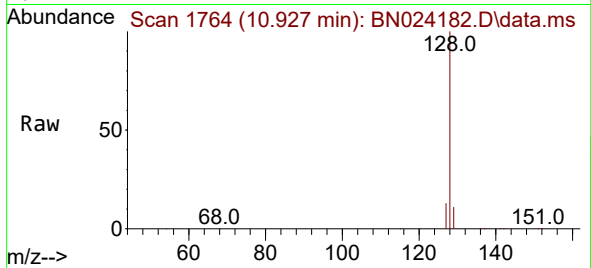




#5
Naphthalene
Concen: 22.900 ng/ul
RT: 10.927 min Scan# 1764
Delta R.T. -0.000 min
Lab File: BN024182.D
Acq: 09 Mar 2023 00:12

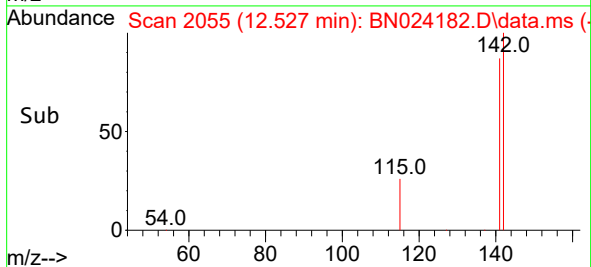
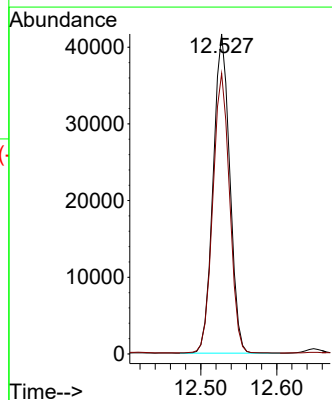
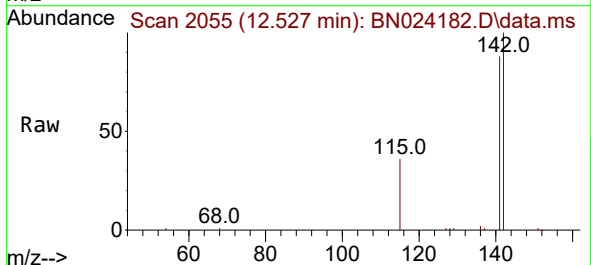
Instrument :
BNA_N
ClientSampleId :
DCAE1

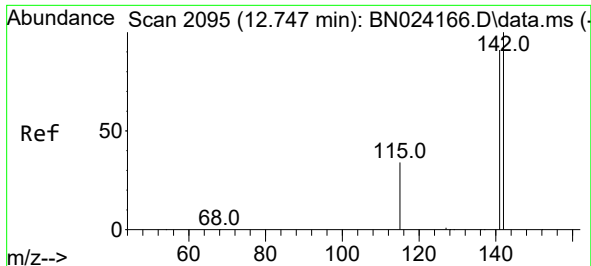
Tgt Ion:128 Resp: 1752915
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 12.8 10.5 15.7



#7
2-Methylnaphthalene
Concen: 1.360 ng/ul
RT: 12.527 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BN024182.D
Acq: 09 Mar 2023 00:12

Tgt Ion:142 Resp: 63175
Ion Ratio Lower Upper
142 100
141 88.0 70.3 105.5

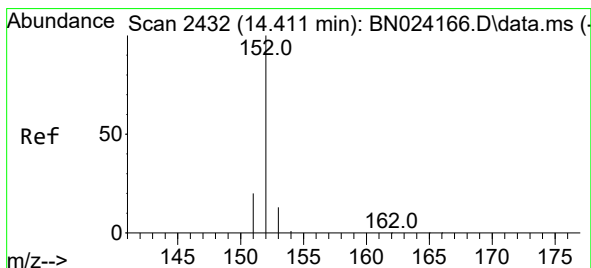
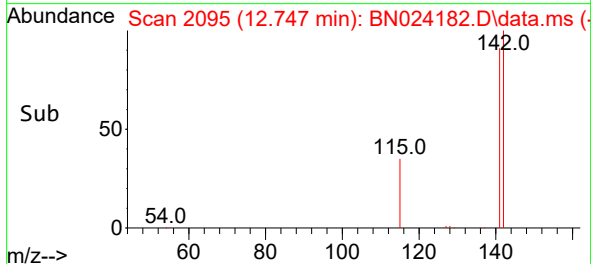
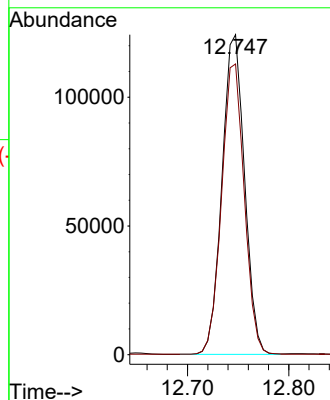
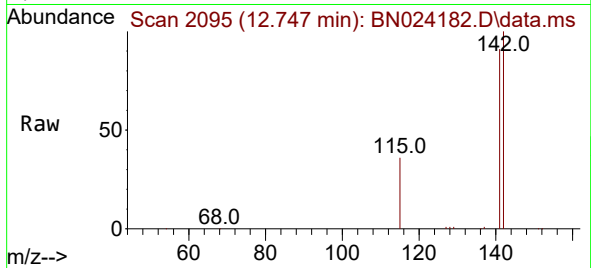




#8
1-Methylnaphthalene
Concen: 3.939 ng/ul
RT: 12.747 min Scan# 2095
Delta R.T. -0.000 min
Lab File: BN024182.D
Acq: 09 Mar 2023 00:12

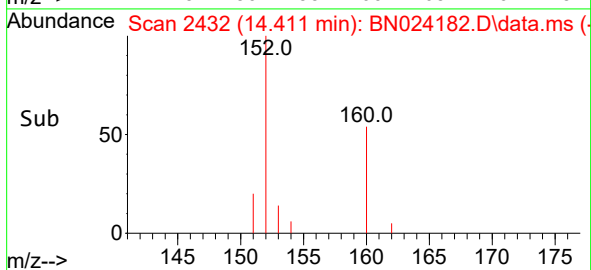
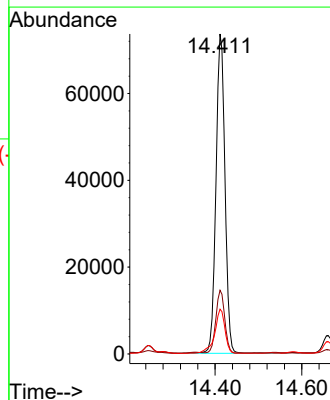
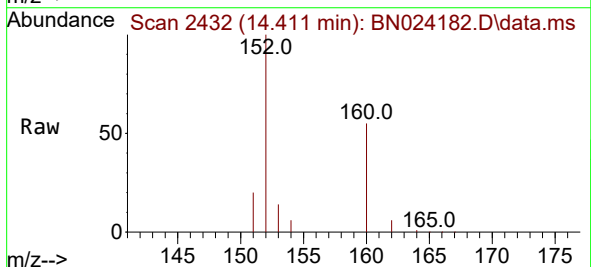
Instrument :
BNA_N
ClientSampleId :
DCAE1

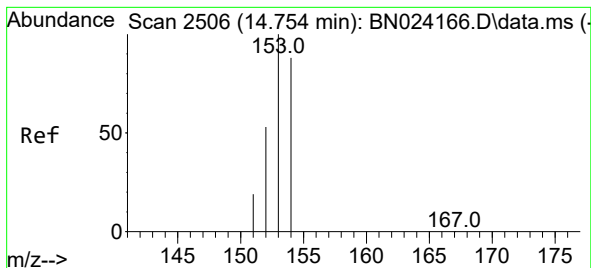
Tgt Ion:142 Resp: 192262
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.6



#10
Acenaphthylene
Concen: 1.326 ng/ul
RT: 14.411 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN024182.D
Acq: 09 Mar 2023 00:12

Tgt Ion:152 Resp: 106126
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 14.0 10.6 16.0





#11

Acenaphthene

Concen: 26.647 ng/ul

RT: 14.754 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN024182.D

Acq: 09 Mar 2023 00:12

Instrument :

BNA_N

ClientSampleId :

DCAE1

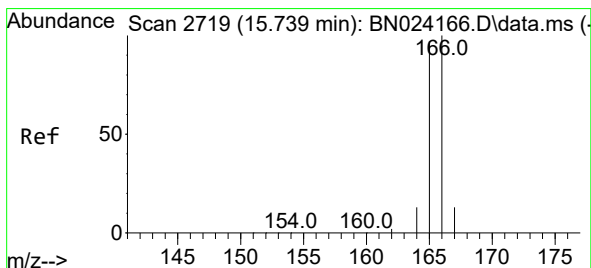
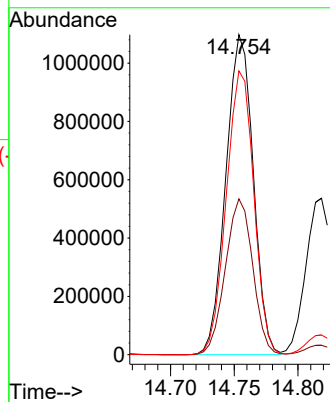
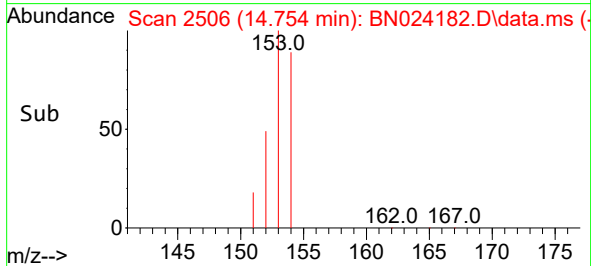
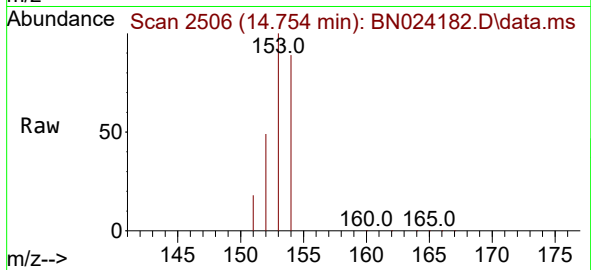
Tgt Ion:153 Resp: 1643399

Ion Ratio Lower Upper

153 100

152 48.7 42.6 64.0

154 88.7 70.6 105.8



#12

Fluorene

Concen: 5.253 ng/ul

RT: 15.739 min Scan# 2719

Delta R.T. 0.004 min

Lab File: BN024182.D

Acq: 09 Mar 2023 00:12

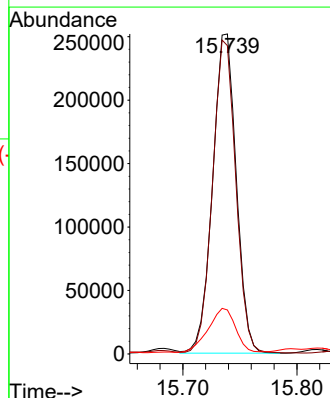
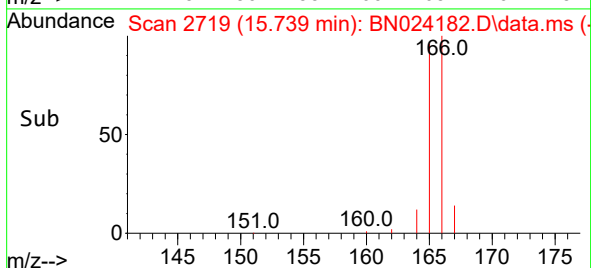
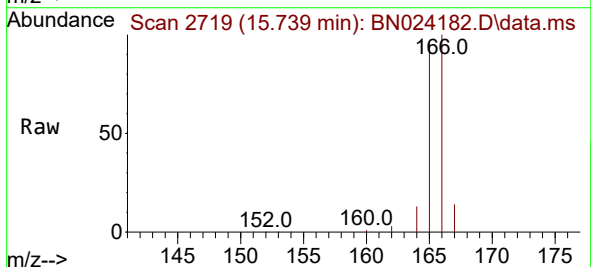
Tgt Ion:166 Resp: 361798

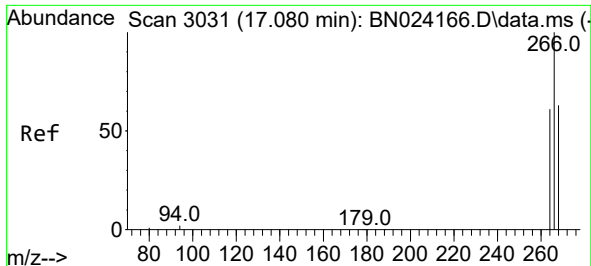
Ion Ratio Lower Upper

166 100

165 96.3 77.4 116.0

167 13.7 10.9 16.3

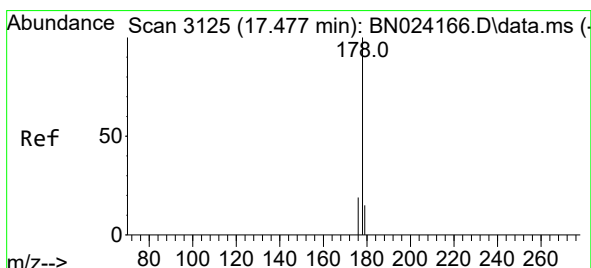
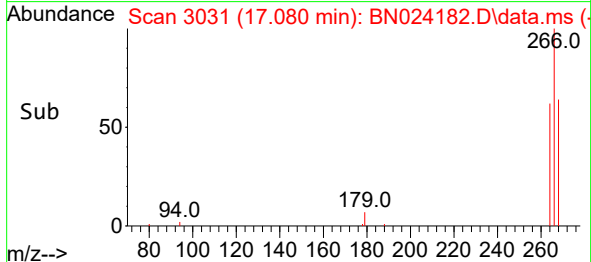
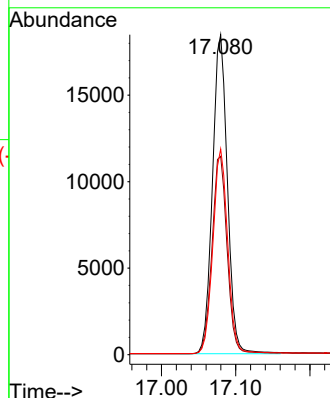
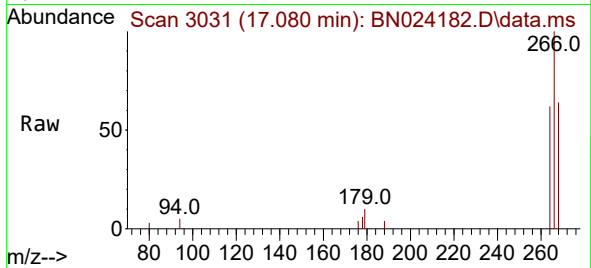




#14
Pentachlorophenol
Concen: 2.490 ng/ul
RT: 17.080 min Scan# 3031
Delta R.T. -0.000 min
Lab File: BN024182.D
Acq: 09 Mar 2023 00:12

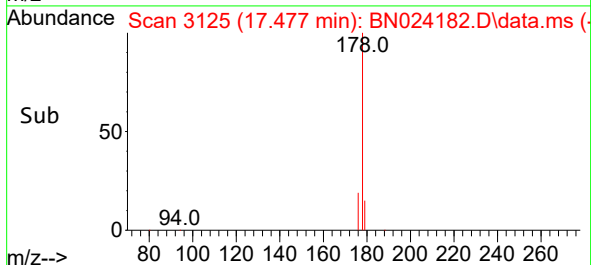
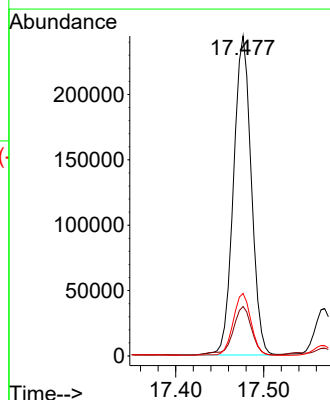
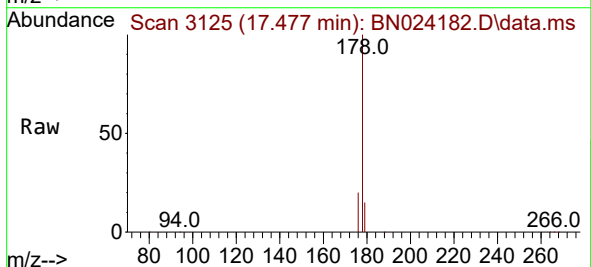
Instrument :
BNA_N
ClientSampleId :
DCAE1

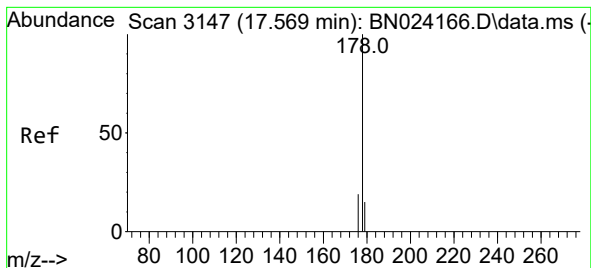
Tgt Ion:266 Resp: 25763
Ion Ratio Lower Upper
266 100
264 62.7 0.0 0.0#
268 63.7 0.1 0.1#



#15
Phenanthrene
Concen: 3.213 ng/ul
RT: 17.477 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BN024182.D
Acq: 09 Mar 2023 00:12

Tgt Ion:178 Resp: 342833
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 19.6 15.7 23.5





#16

Anthracene

Concen: 0.514 ng/ul

RT: 17.569 min Scan# 3147

Delta R.T. -0.000 min

Lab File: BN024182.D

Acq: 09 Mar 2023 00:12

Instrument :

BNA_N

ClientSampleId :

DCAE1

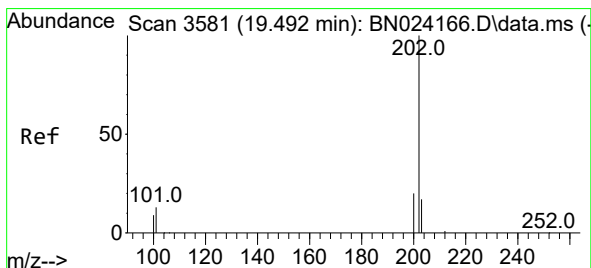
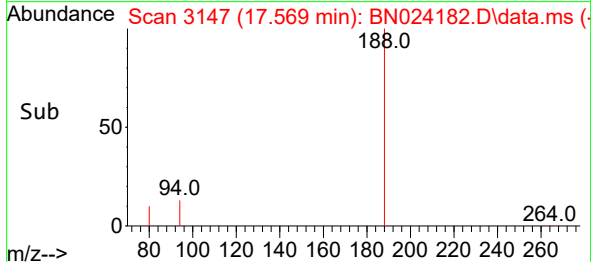
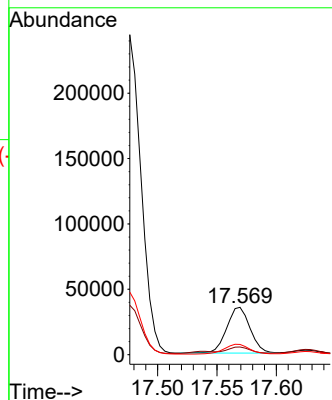
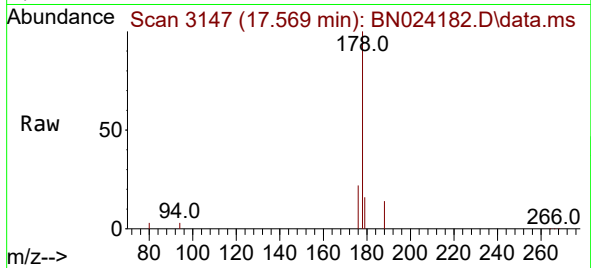
Tgt Ion:178 Resp: 48108

Ion Ratio Lower Upper

178 100

179 16.4 12.3 18.5

176 21.7 15.3 22.9



#19

Fluoranthene

Concen: 0.258 ng/ul

RT: 19.487 min Scan# 3580

Delta R.T. -0.000 min

Lab File: BN024182.D

Acq: 09 Mar 2023 00:12

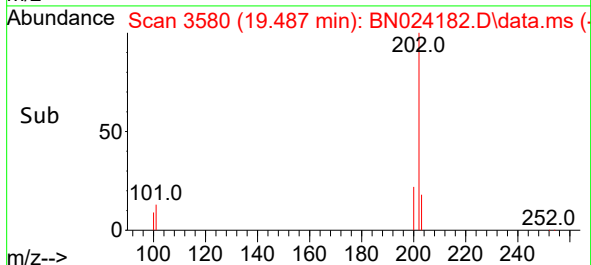
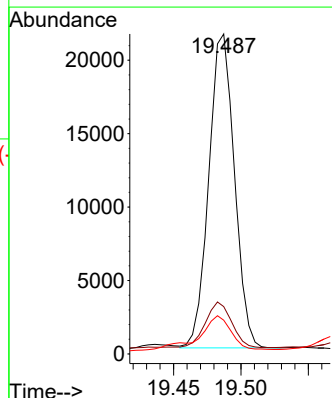
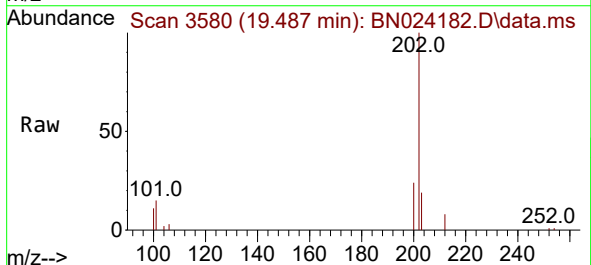
Tgt Ion:202 Resp: 28262

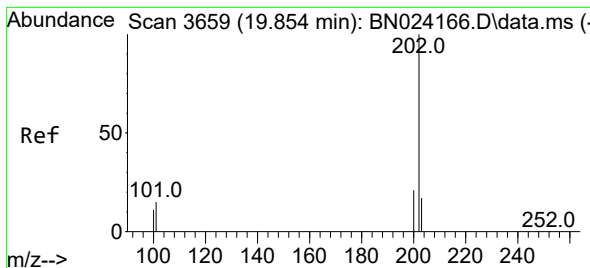
Ion Ratio Lower Upper

202 100

101 14.8 10.4 15.6

100 10.5 7.7 11.5





#20

Pyrene

Concen: 0.163 ng/ul

RT: 19.850 min Scan# 3

Delta R.T. -0.000 min

Lab File: BN024182.D

Acq: 09 Mar 2023 00:12

Instrument :

BNA_N

ClientSampleId :

DCAE1

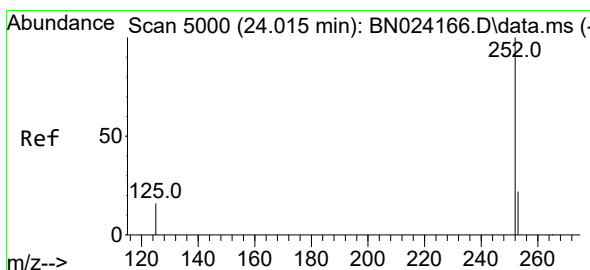
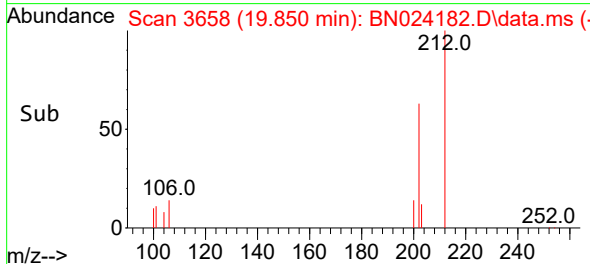
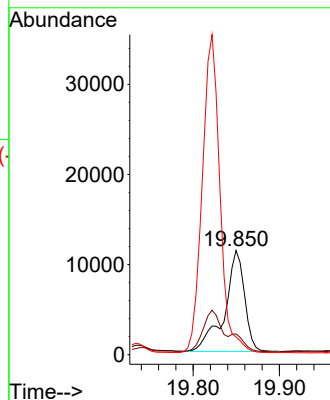
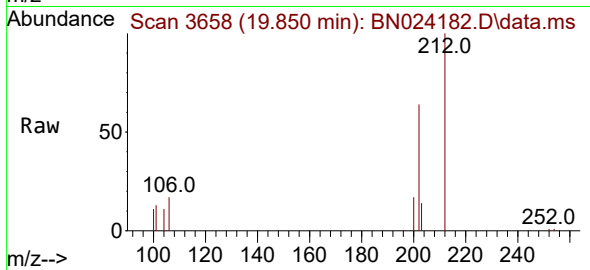
Tgt Ion:202 Resp: 18095

Ion Ratio Lower Upper

202 100

101 20.0 12.1 18.1#

100 17.1 9.4 14.0#



#26

Benzo(a)pyrene

Concen: 0.103 ng/ul

RT: 23.968 min Scan# 4984

Delta R.T. -0.059 min

Lab File: BN024182.D

Acq: 09 Mar 2023 00:12

Tgt Ion:252 Resp: 8069

Ion Ratio Lower Upper

252 100

253 37.7 19.2 28.8#

125 36.0 15.8 23.6#

