

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
 Data File : BN028837.D
 Acq On : 22 Nov 2023 11:54
 Operator : MA/JU
 Sample : 05268-19
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKE8

Quant Time: Nov 22 21:36:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

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

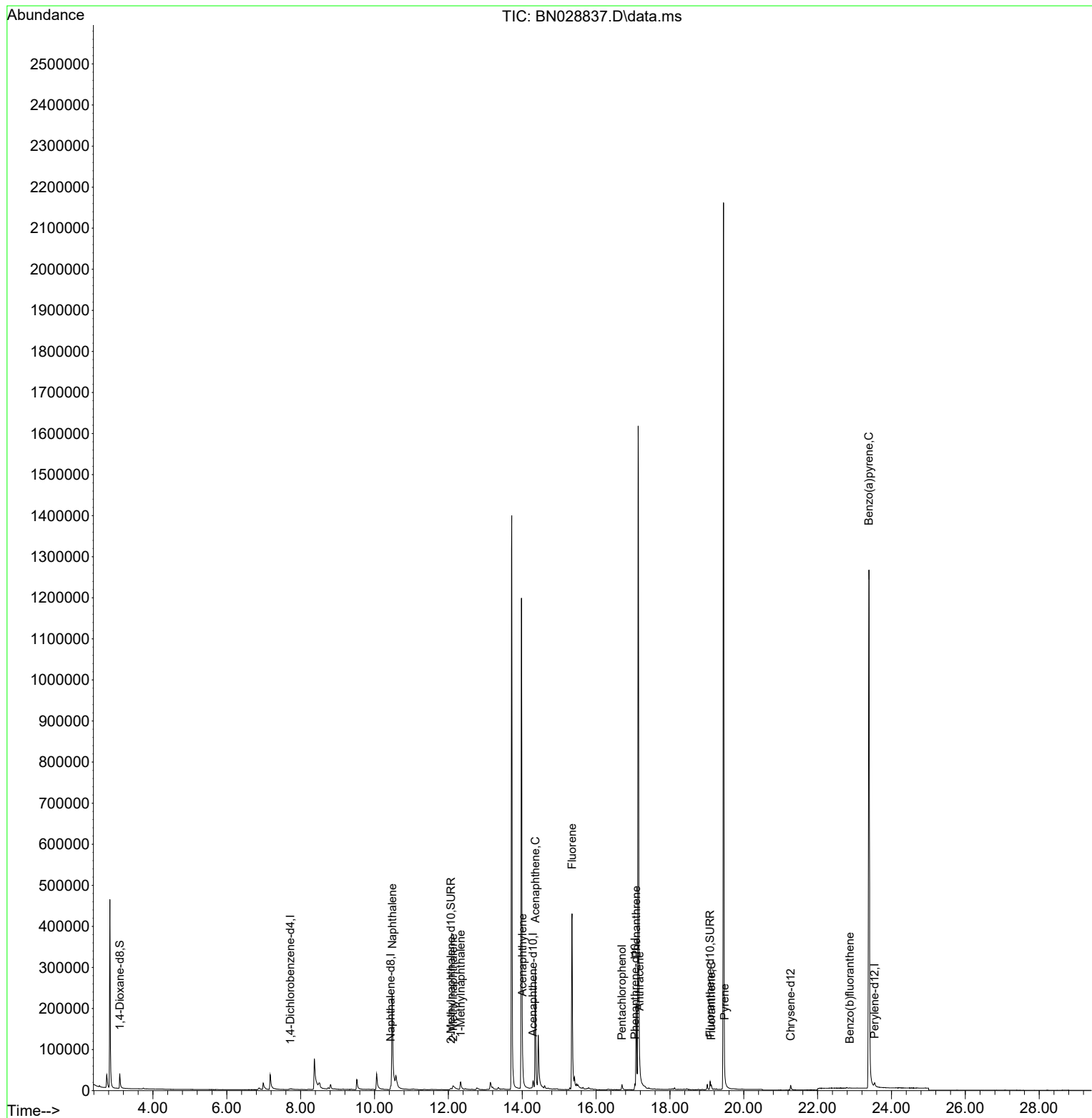
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.719	152	3739	0.400	ng/ul	#-0.02
4) Naphthalene-d8	10.440	136	15322	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.294	164	9841	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.052	188	19827	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.270	240	14138	0.400	ng/ul	# 0.00
23) Perylene-d12	23.544	264	14822	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.104	96	27103	6.559	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.068	152	7271	0.315	ng/ul	0.00
18) Fluoranthene-d10	19.090	212	24658	0.542	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.479	128	466998	10.876	ng/ul	99
7) 2-Methylnaphthalene	12.129	142	14523	0.513	ng/ul	99
8) 1-Methylnaphthalene	12.332	142	16849	0.587	ng/ul	100
10) Acenaphthylene	14.007	152	45892	0.934	ng/ul	98
11) Acenaphthene	14.354	153	185215	5.124	ng/ul	99
12) Fluorene	15.348	166	335268	7.973	ng/ul	99
14) Pentachlorophenol	16.702	266	10168	2.137	ng/ul	99
15) Phenanthrene	17.086	178	261648	4.295	ng/ul	100
16) Anthracene	17.179	178	25906	0.464	ng/ul	93
19) Fluoranthene	19.118	202	10963	0.182	ng/ul#	93
20) Pyrene	19.481	202	5960	0.096	ng/ul#	72
24) Benzo(b)fluoranthene	22.868	252	1348	0.024	ng/ul#	1
26) Benzo(a)pyrene	23.389	252	6419	0.122	ng/ul#	49

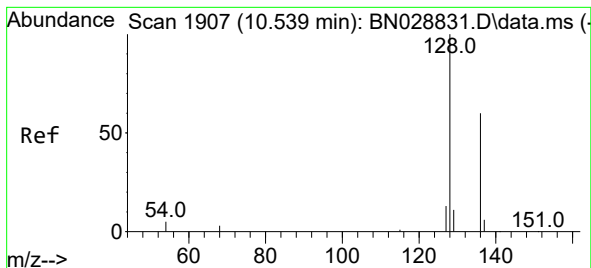
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 10.876 ng/ul

RT: 10.479 min Scan# 1896

Delta R.T. -0.027 min

Lab File: BN028837.D

Acq: 22 Nov 2023 11:54

Instrument :

BNA_N

ClientSampleId :

DCKE8

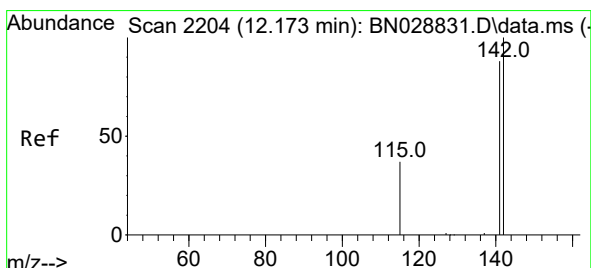
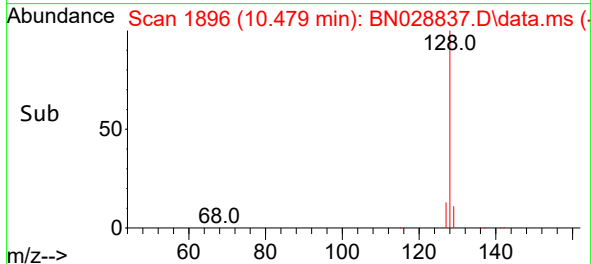
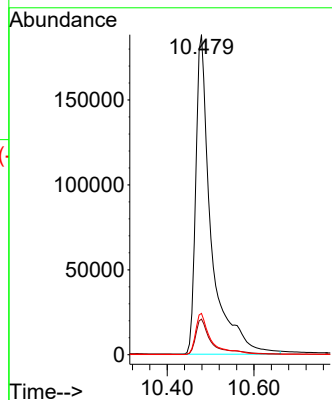
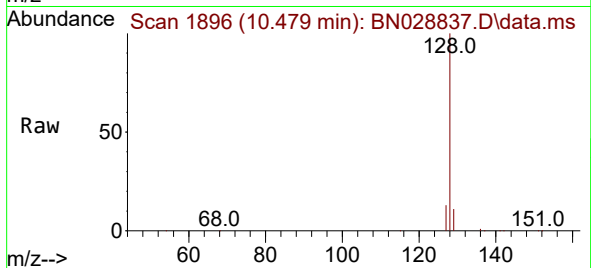
Tgt Ion:128 Resp: 466998

Ion Ratio Lower Upper

128 100

129 11.1 9.2 13.8

127 12.9 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.513 ng/ul

RT: 12.129 min Scan# 2196

Delta R.T. -0.011 min

Lab File: BN028837.D

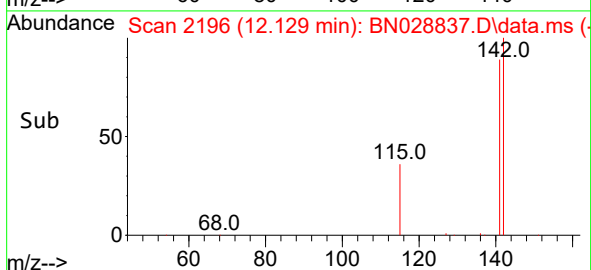
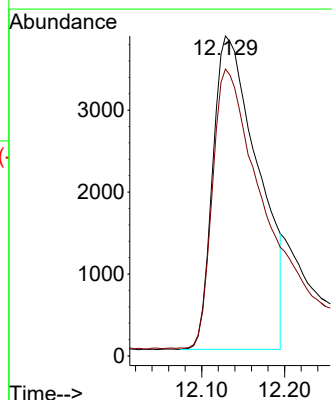
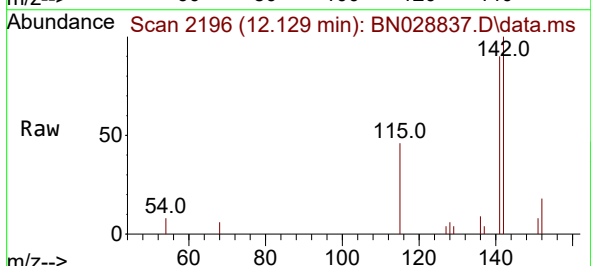
Acq: 22 Nov 2023 11:54

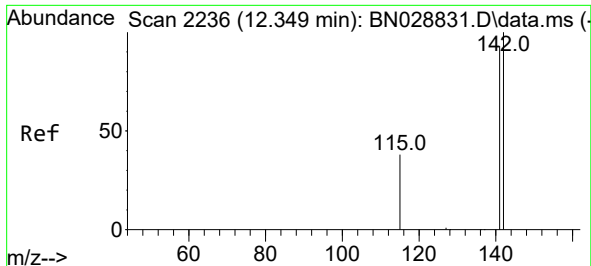
Tgt Ion:142 Resp: 14523

Ion Ratio Lower Upper

142 100

141 89.1 70.8 106.2

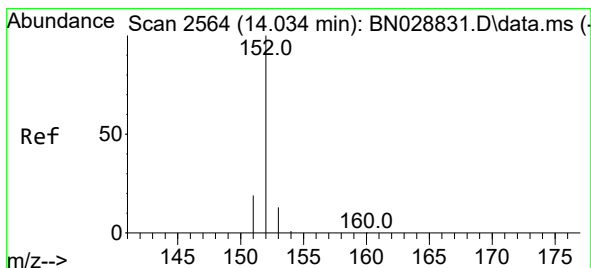
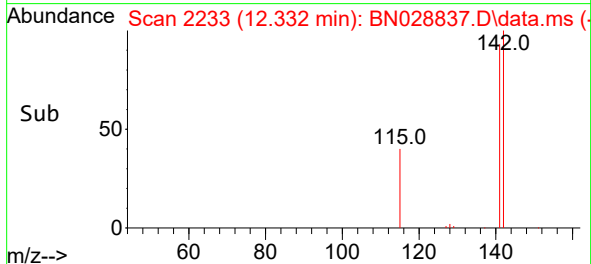
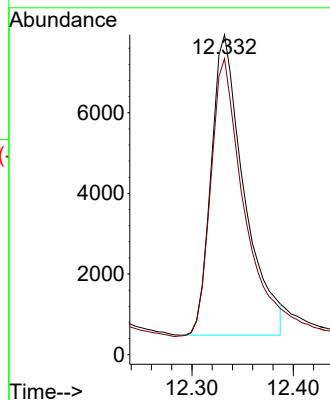
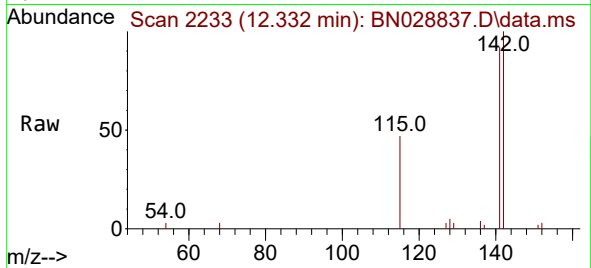




#8
1-Methylnaphthalene
Concen: 0.587 ng/ul
RT: 12.332 min Scan# 211
Delta R.T. -0.005 min
Lab File: BN028837.D
Acq: 22 Nov 2023 11:54

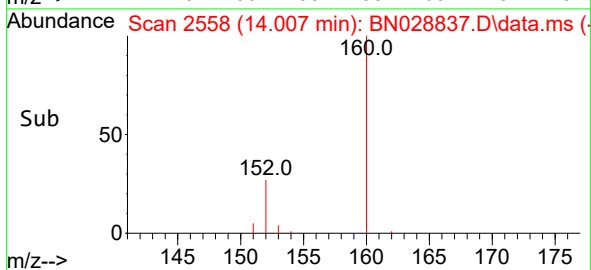
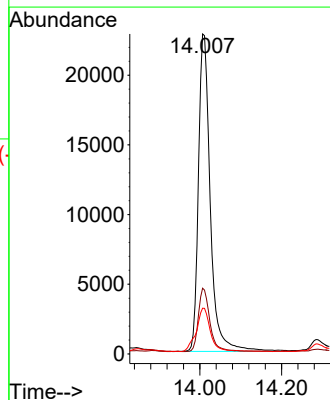
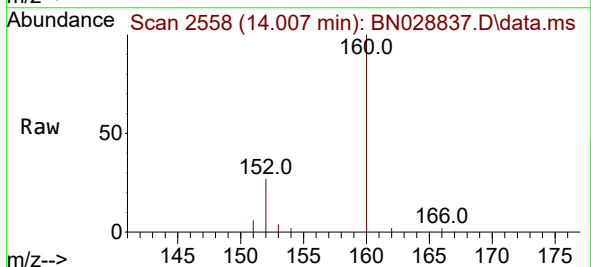
Instrument :
BNA_N
ClientSampleId :
DCKE8

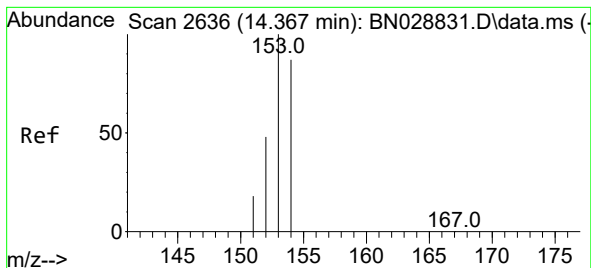
Tgt Ion:142 Resp: 16849
Ion Ratio Lower Upper
142 100
141 92.2 74.1 111.1



#10
Acenaphthylene
Concen: 0.934 ng/ul
RT: 14.007 min Scan# 2558
Delta R.T. -0.018 min
Lab File: BN028837.D
Acq: 22 Nov 2023 11:54

Tgt Ion:152 Resp: 45892
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1
153 14.3 10.6 15.8





#11

Acenaphthene

Concen: 5.124 ng/ul

RT: 14.354 min Scan# 2

Delta R.T. -0.009 min

Lab File: BN028837.D

Acq: 22 Nov 2023 11:54

Instrument :

BNA_N

ClientSampleId :

DCKE8

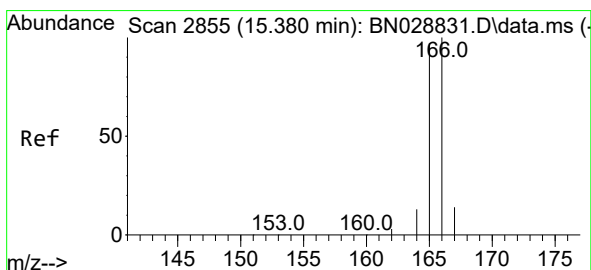
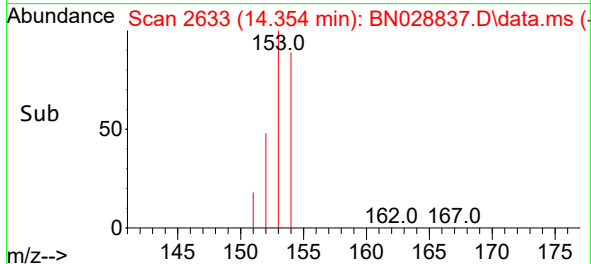
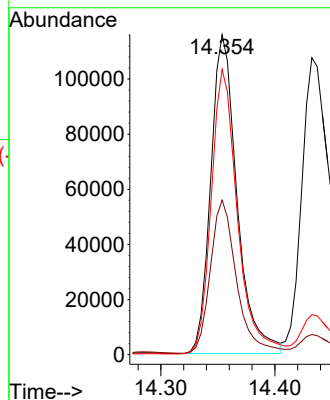
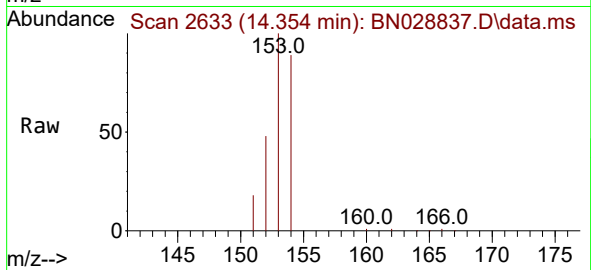
Tgt Ion:153 Resp: 185215

Ion Ratio Lower Upper

153 100

152 48.3 39.6 59.4

154 89.2 71.0 106.6



#12

Fluorene

Concen: 7.973 ng/ul

RT: 15.348 min Scan# 2848

Delta R.T. -0.019 min

Lab File: BN028837.D

Acq: 22 Nov 2023 11:54

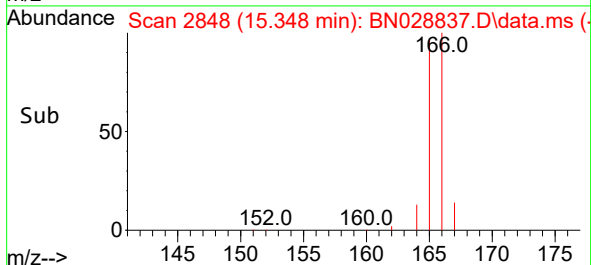
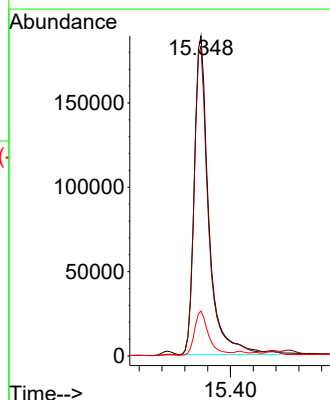
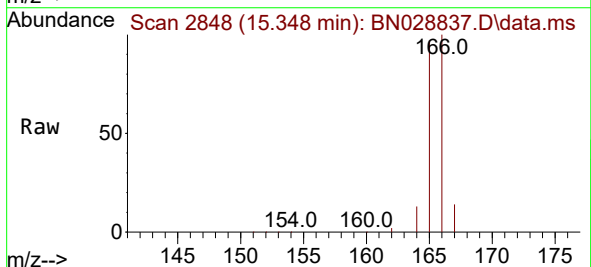
Tgt Ion:166 Resp: 335268

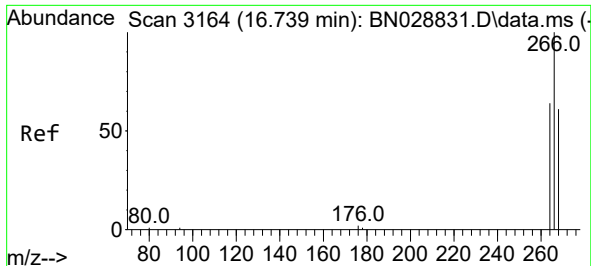
Ion Ratio Lower Upper

166 100

165 96.7 78.6 118.0

167 14.0 11.0 16.6

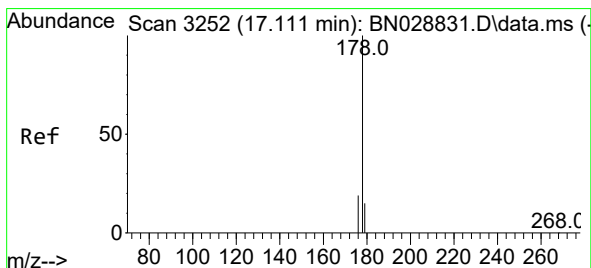
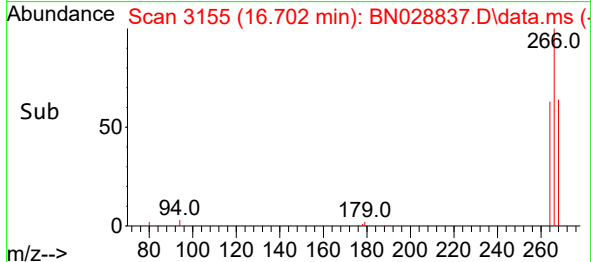
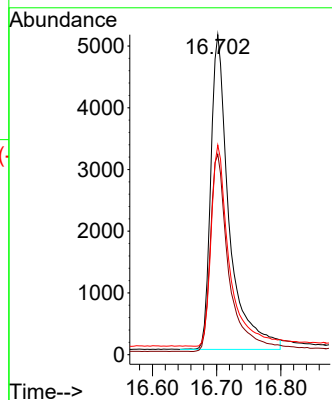
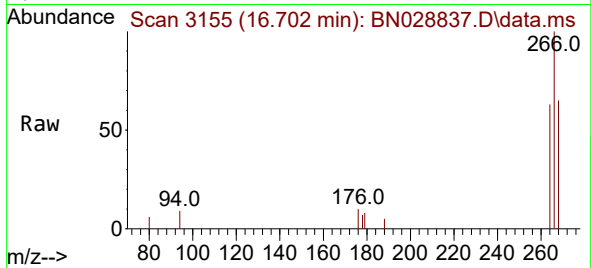




#14
 Pentachlorophenol
 Concen: 2.137 ng/ul
 RT: 16.702 min Scan# 3164
 Delta R.T. -0.021 min
 Lab File: BN028837.D
 Acq: 22 Nov 2023 11:54

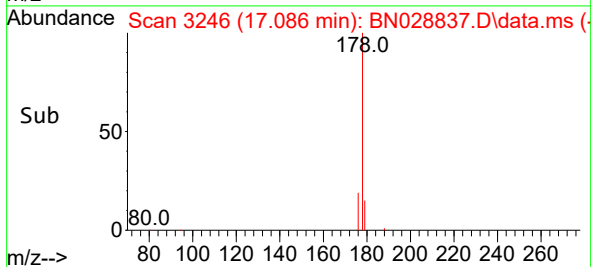
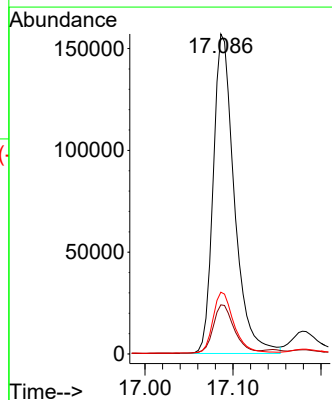
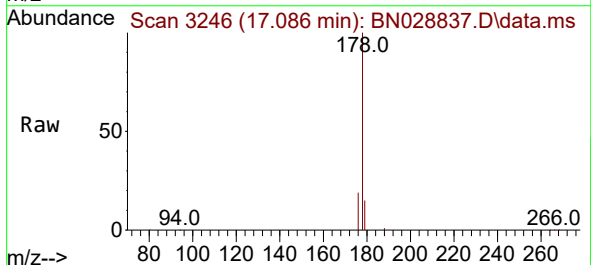
Instrument :
 BNA_N
 ClientSampleId :
 DCKE8

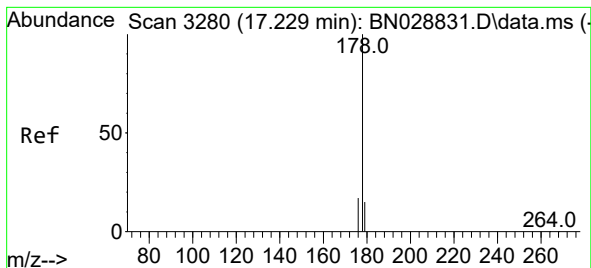
Tgt Ion:266 Resp: 10168
 Ion Ratio Lower Upper
 266 100
 264 63.2 50.1 75.1
 268 63.4 50.6 75.8



#15
 Phenanthrene
 Concen: 4.295 ng/ul
 RT: 17.086 min Scan# 3246
 Delta R.T. -0.017 min
 Lab File: BN028837.D
 Acq: 22 Nov 2023 11:54

Tgt Ion:178 Resp: 261648
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.4 18.6
 176 19.3 15.4 23.2





#16

Anthracene

Concen: 0.464 ng/ul

RT: 17.179 min Scan# 31

Delta R.T. -0.025 min

Lab File: BN028837.D

Acq: 22 Nov 2023 11:54

Instrument :

BNA_N

ClientSampleId :

DCKE8

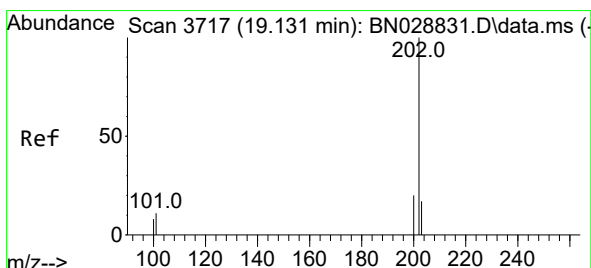
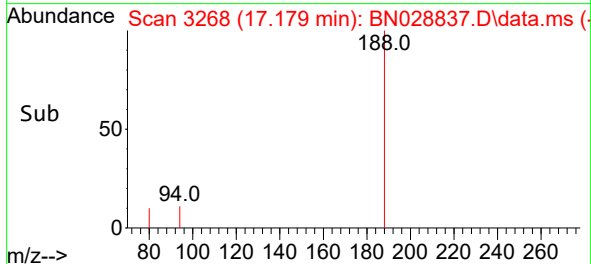
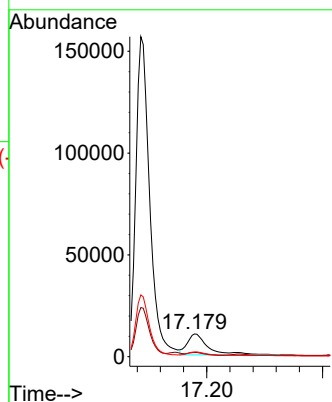
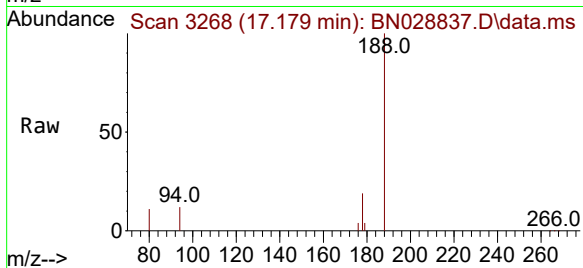
Tgt Ion:178 Resp: 25906

Ion Ratio Lower Upper

178 100

179 18.7 12.6 18.8

176 21.4 14.9 22.3



#19

Fluoranthene

Concen: 0.182 ng/ul

RT: 19.118 min Scan# 3714

Delta R.T. -0.005 min

Lab File: BN028837.D

Acq: 22 Nov 2023 11:54

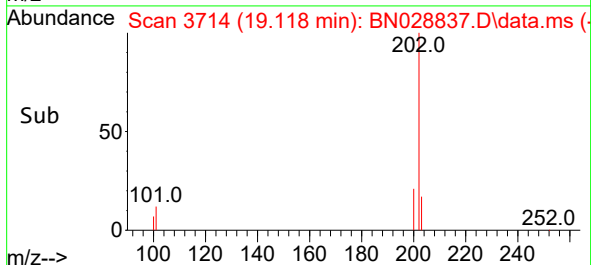
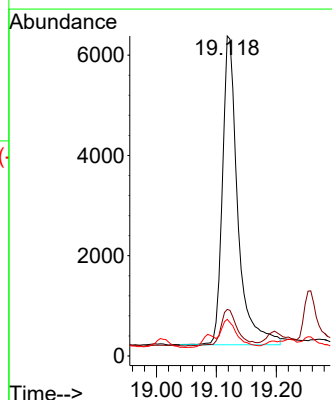
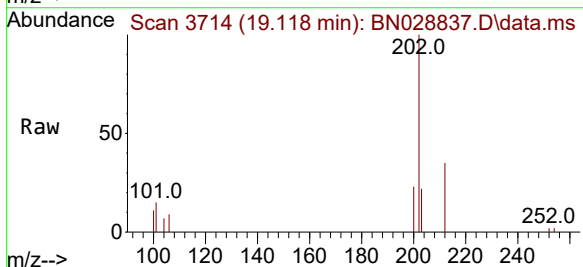
Tgt Ion:202 Resp: 10963

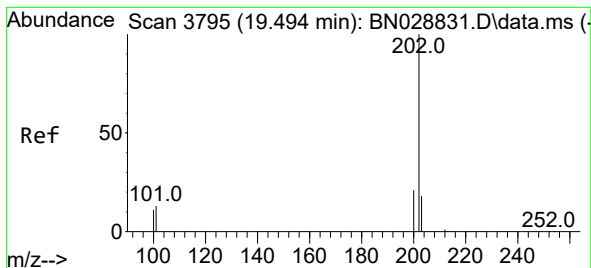
Ion Ratio Lower Upper

202 100

101 14.6 9.5 14.3#

100 11.5 7.2 10.8#





#20

Pyrene

Concen: 0.096 ng/ul

RT: 19.481 min Scan# 31

Delta R.T. -0.005 min

Lab File: BN028837.D

Acq: 22 Nov 2023 11:54

Instrument :

BNA_N

ClientSampleId :

DCKE8

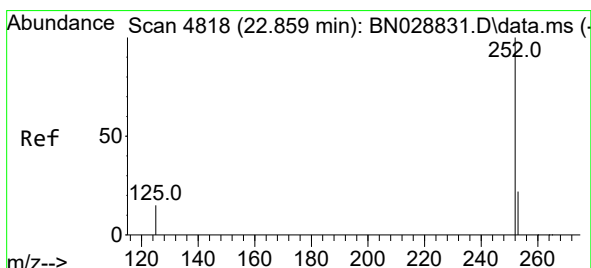
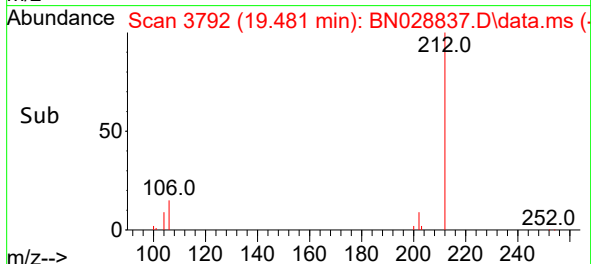
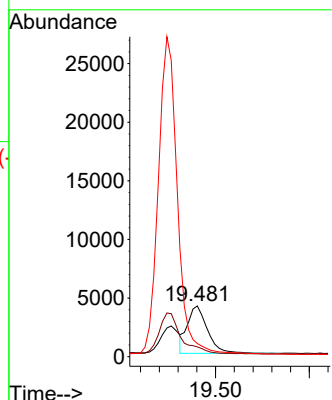
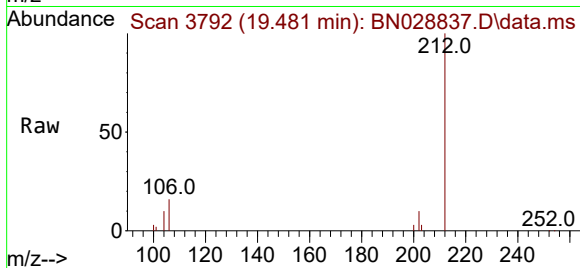
Tgt Ion:202 Resp: 5960

Ion Ratio Lower Upper

202 100

101 19.3 10.3 15.5#

100 26.0 8.2 12.2#



#24

Benzo(b)fluoranthene

Concen: 0.024 ng/ul

RT: 22.868 min Scan# 4821

Delta R.T. 0.015 min

Lab File: BN028837.D

Acq: 22 Nov 2023 11:54

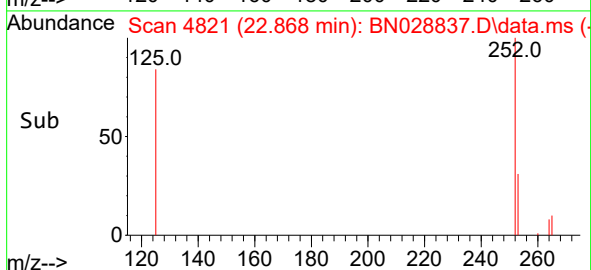
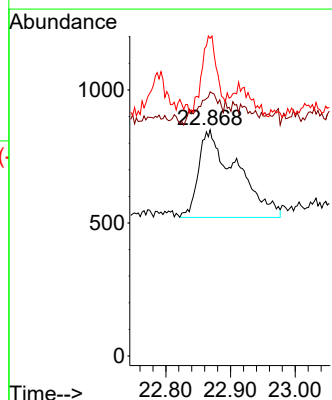
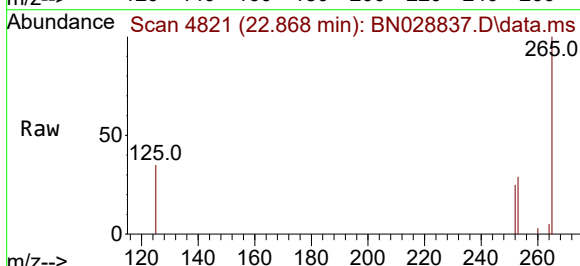
Tgt Ion:252 Resp: 1348

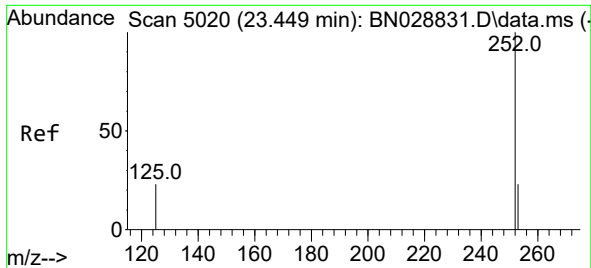
Ion Ratio Lower Upper

252 100

253 116.8 0.0 46.6#

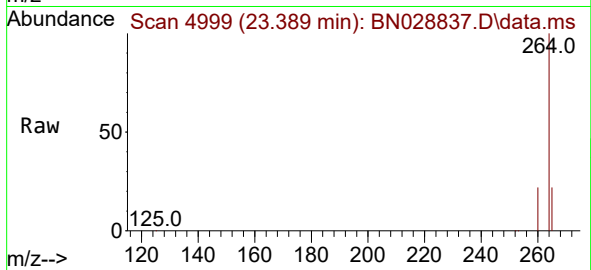
125 140.5 0.0 27.6#





#26
Benzo(a)pyrene
Concen: 0.122 ng/ul
RT: 23.389 min Scan# 4999
Delta R.T. -0.056 min
Lab File: BN028837.D
Acq: 22 Nov 2023 11:54

Instrument :
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ClientSampleId :
DCKE8



Tgt Ion:252 Resp: 6419
Ion Ratio Lower Upper
252 100
253 47.7 19.0 28.6#
125 39.8 13.2 19.8#

