

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
 Data File : BN028835.D
 Acq On : 22 Nov 2023 10:42
 Operator : MA/JU
 Sample : 05268-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKE3

Quant Time: Nov 22 21:36:22 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)

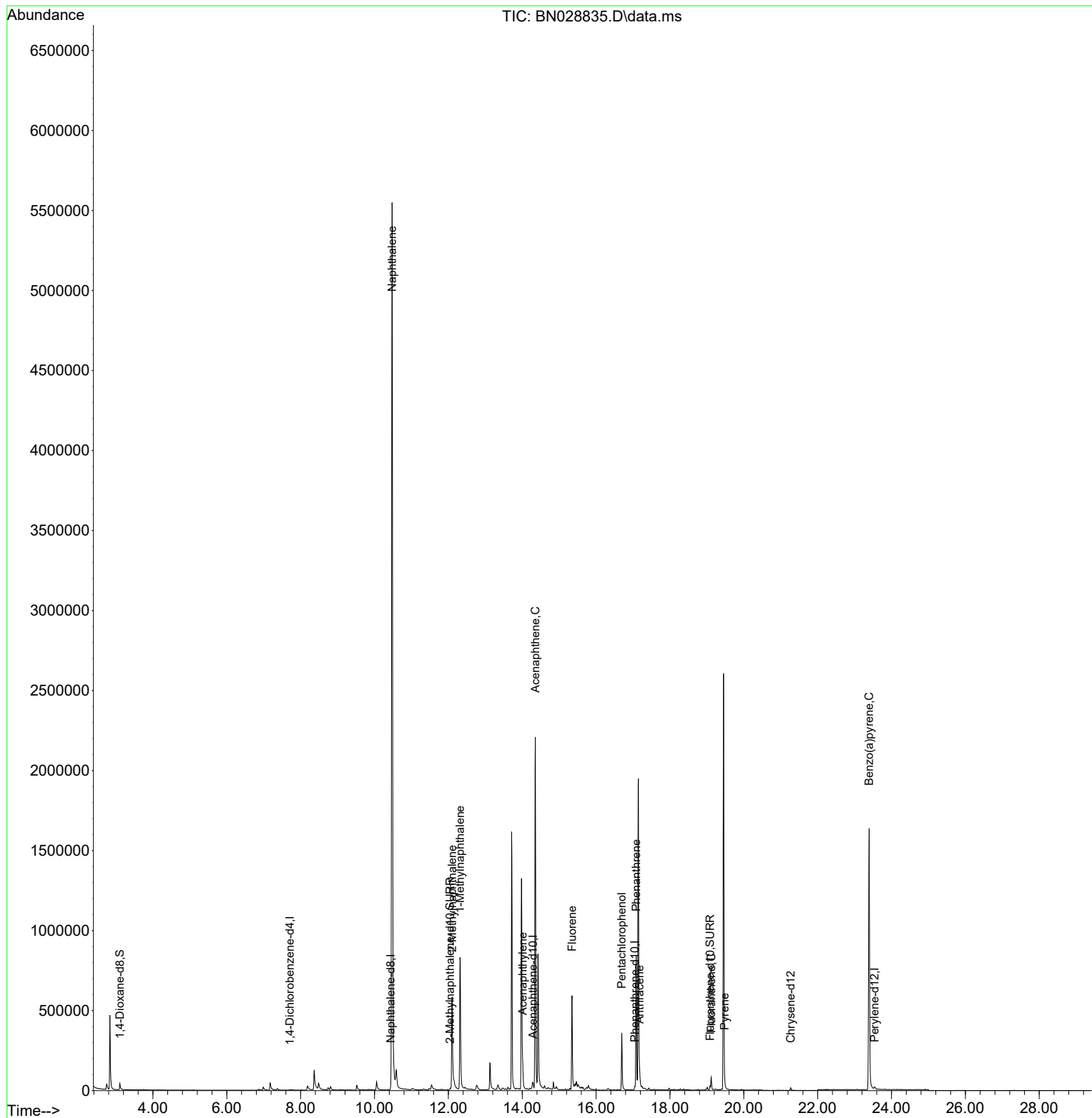
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.707	152	4778	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.435	136	19710	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.293	164	13648	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.047	188	25841	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.269	240	19131	0.400	ng/ul	0.00
23) Perylene-d12	23.543	264	20790	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.104	96	30979	5.866	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.046	152	11341	0.382	ng/ul	-0.03
18) Fluoranthene-d10	19.089	212	31001	0.504	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.473	128	8568906	155.134	ng/ul	100
7) 2-Methylnaphthalene	12.101	142	518382	14.245	ng/ul	100
8) 1-Methylnaphthalene	12.316	142	622225	16.838	ng/ul	99
10) Acenaphthylene	14.011	152	171880	2.523	ng/ul	98
11) Acenaphthene	14.353	153	1288439	25.704	ng/ul	99
12) Fluorene	15.348	166	413889	7.097	ng/ul	96
14) Pentachlorophenol	16.697	266	238272	38.421	ng/ul	100
15) Phenanthrene	17.085	178	953117	12.005	ng/ul	100
16) Anthracene	17.178	178	81206	1.115	ng/ul	98
19) Fluoranthene	19.117	202	75315	0.926	ng/ul	100
20) Pyrene	19.480	202	35518	0.421	ng/ul#	92
26) Benzo(a)pyrene	23.391	252	8624	0.117	ng/ul#	61

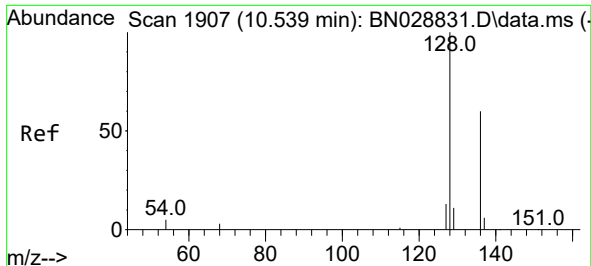
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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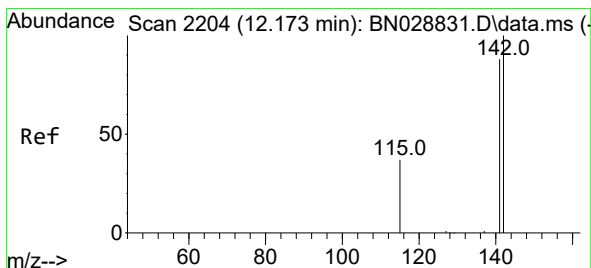
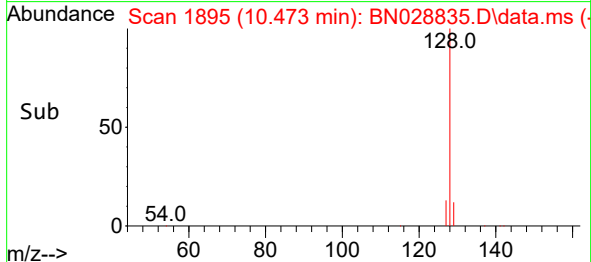
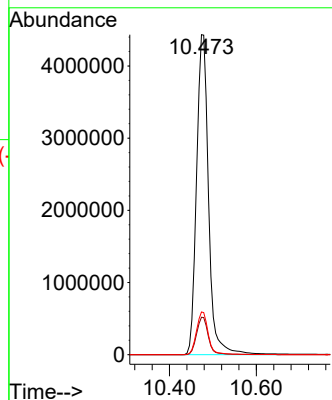
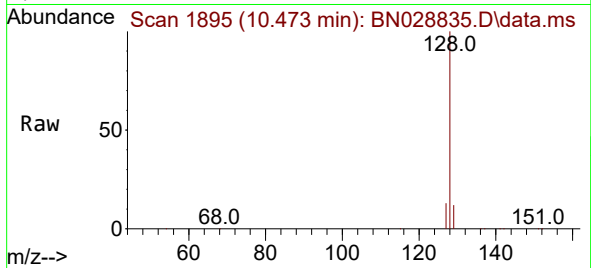




#5
Naphthalene
Concen: 155.134 ng/ul
RT: 10.473 min Scan# 11
Delta R.T. -0.033 min
Lab File: BN028835.D
Acq: 22 Nov 2023 10:42

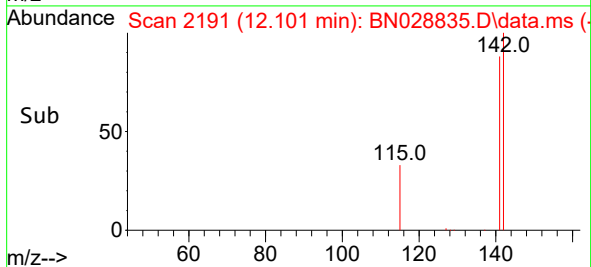
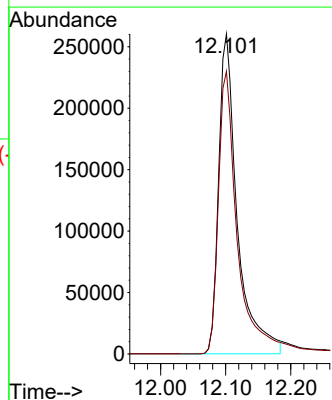
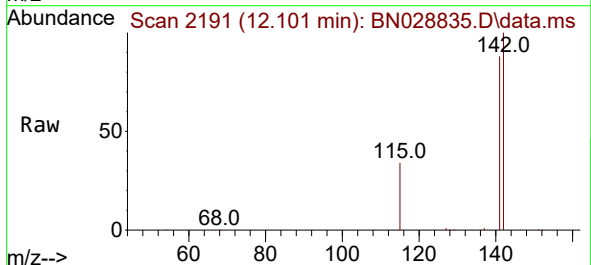
Instrument :
BNA_N
ClientSampleId :
DCKE3

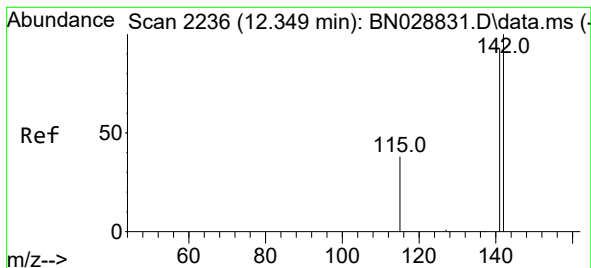
Tgt Ion:128 Resp: 8568906
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.4 10.7 16.1



#7
2-Methylnaphthalene
Concen: 14.245 ng/ul
RT: 12.101 min Scan# 2191
Delta R.T. -0.038 min
Lab File: BN028835.D
Acq: 22 Nov 2023 10:42

Tgt Ion:142 Resp: 518382
Ion Ratio Lower Upper
142 100
141 88.7 70.8 106.2





#8

1-Methylnaphthalene

Concen: 16.838 ng/ul

RT: 12.316 min Scan# 21

Delta R.T. -0.022 min

Lab File: BN028835.D

Acq: 22 Nov 2023 10:42

Instrument :

BNA_N

ClientSampleId :

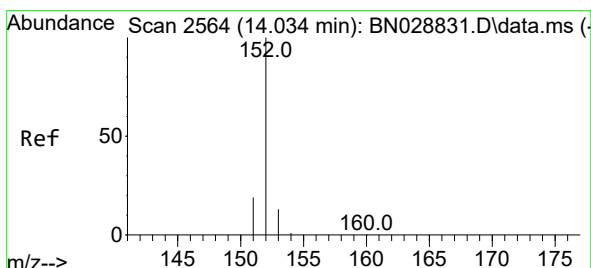
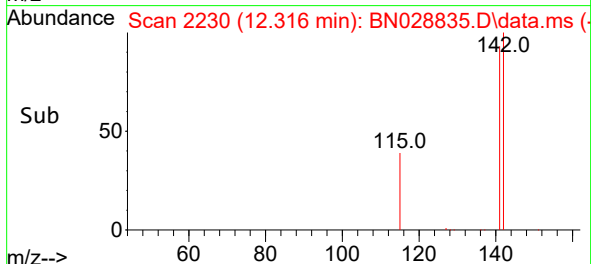
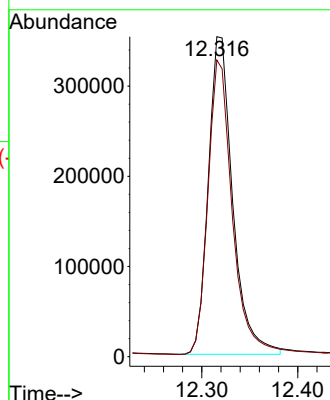
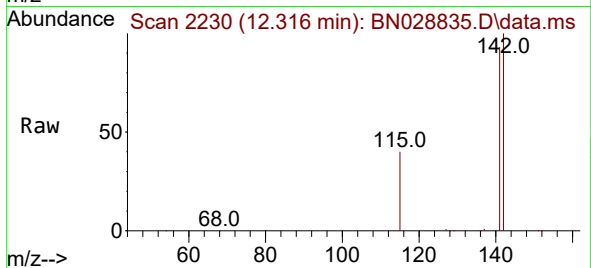
DCKE3

Tgt Ion:142 Resp: 622225

Ion Ratio Lower Upper

142 100

141 92.1 74.1 111.1



#10

Acenaphthylene

Concen: 2.523 ng/ul

RT: 14.011 min Scan# 2559

Delta R.T. -0.015 min

Lab File: BN028835.D

Acq: 22 Nov 2023 10:42

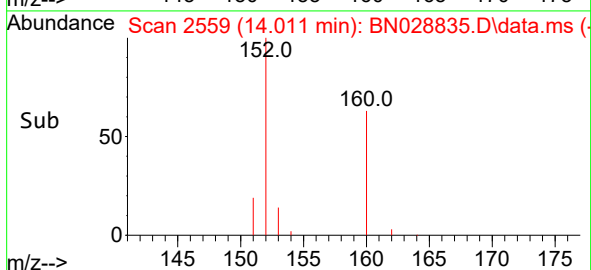
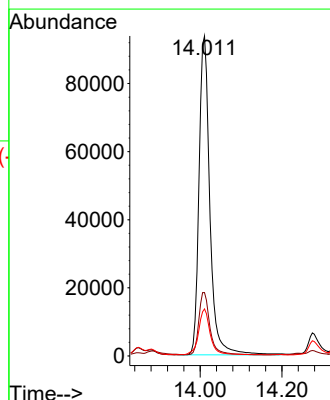
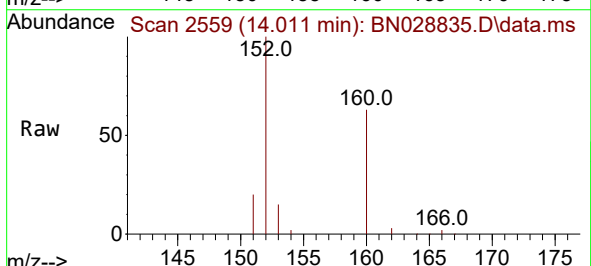
Tgt Ion:152 Resp: 171880

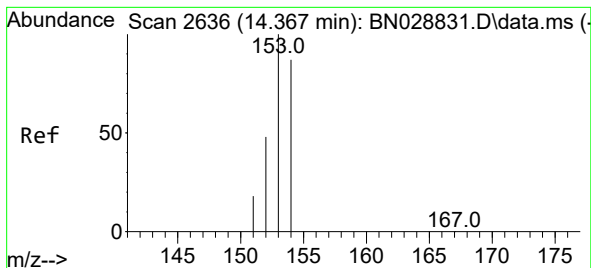
Ion Ratio Lower Upper

152 100

151 19.8 16.1 24.1

153 14.7 10.6 15.8





#11

Acenaphthene

Concen: 25.704 ng/ul

RT: 14.353 min Scan# 2

Delta R.T. -0.010 min

Lab File: BN028835.D

Acq: 22 Nov 2023 10:42

Instrument :

BNA_N

ClientSampleId :

DCKE3

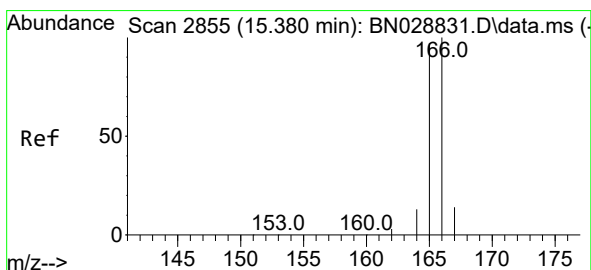
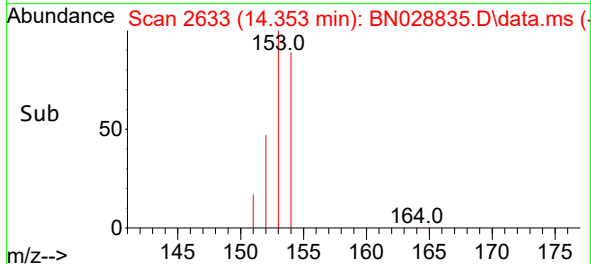
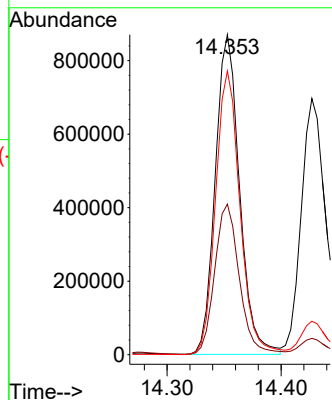
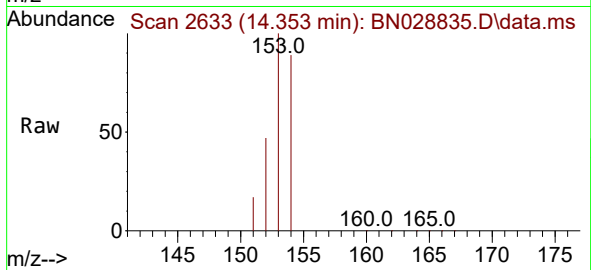
Tgt Ion:153 Resp: 1288439

Ion Ratio Lower Upper

153 100

152 47.0 39.6 59.4

154 88.7 71.0 106.6



#12

Fluorene

Concen: 7.097 ng/ul

RT: 15.348 min Scan# 2848

Delta R.T. -0.019 min

Lab File: BN028835.D

Acq: 22 Nov 2023 10:42

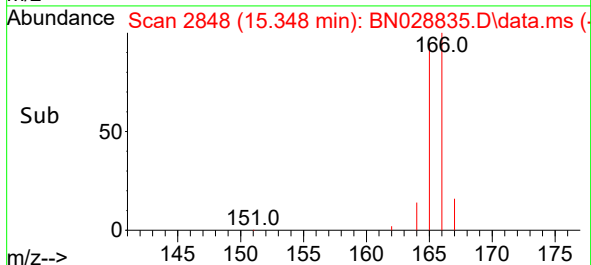
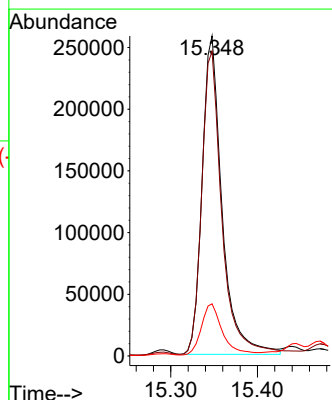
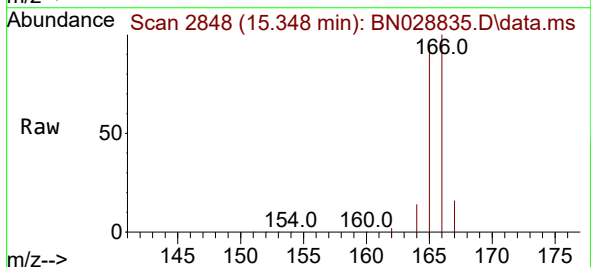
Tgt Ion:166 Resp: 413889

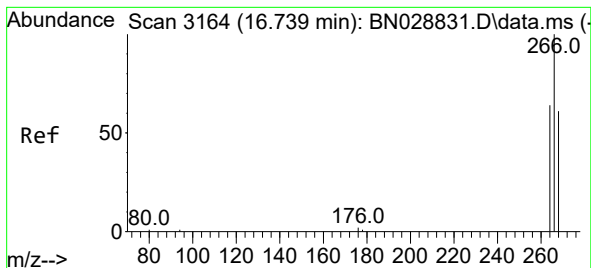
Ion Ratio Lower Upper

166 100

165 95.2 78.6 118.0

167 16.3 11.0 16.6





#14

Pentachlorophenol

Concen: 38.421 ng/ul

RT: 16.697 min Scan# 31

Delta R.T. -0.026 min

Lab File: BN028835.D

Acq: 22 Nov 2023 10:42

Instrument :

BNA_N

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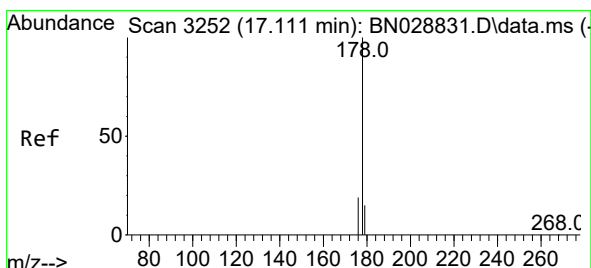
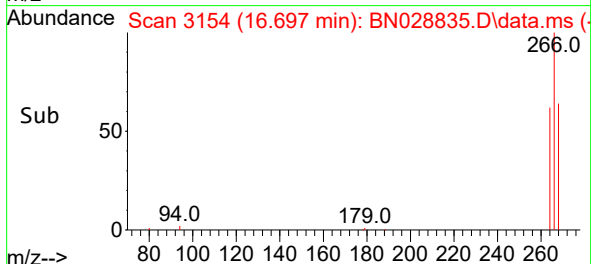
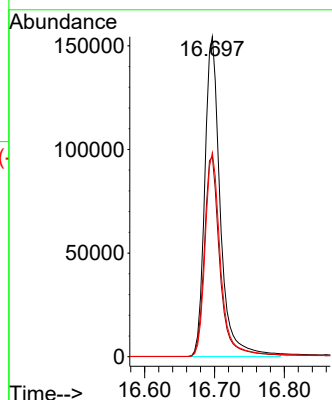
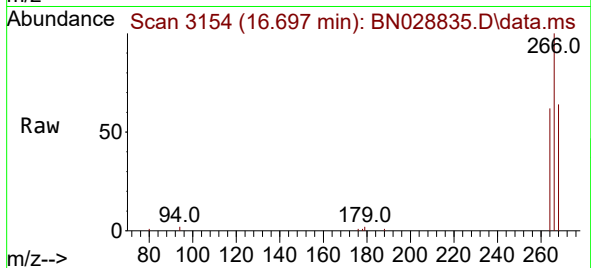
Tgt Ion:266 Resp: 238272

Ion Ratio Lower Upper

266 100

264 62.8 50.1 75.1

268 63.7 50.6 75.8



#15

Phenanthrene

Concen: 12.005 ng/ul

RT: 17.085 min Scan# 3246

Delta R.T. -0.018 min

Lab File: BN028835.D

Acq: 22 Nov 2023 10:42

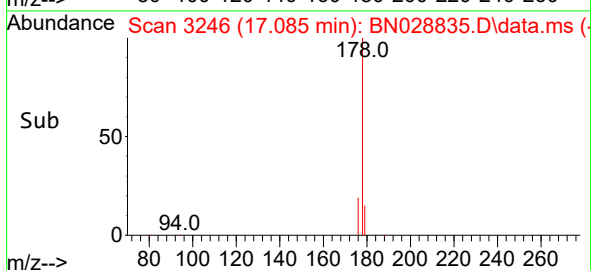
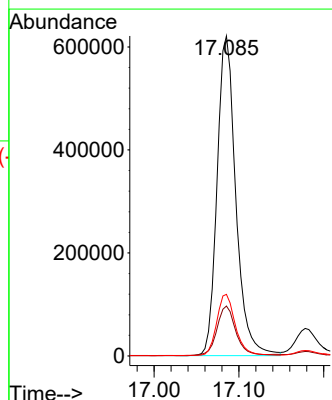
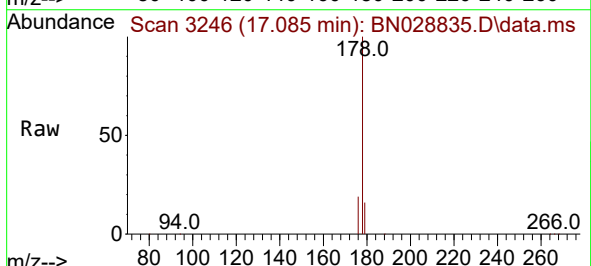
Tgt Ion:178 Resp: 953117

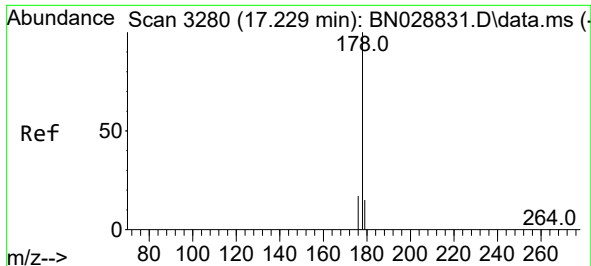
Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 19.3 15.4 23.2

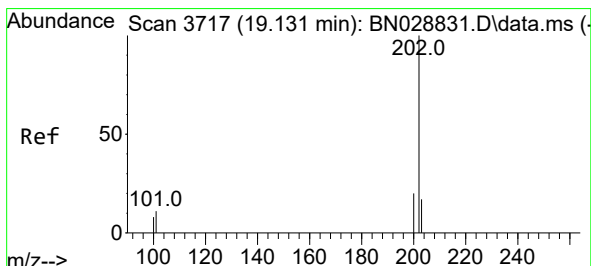
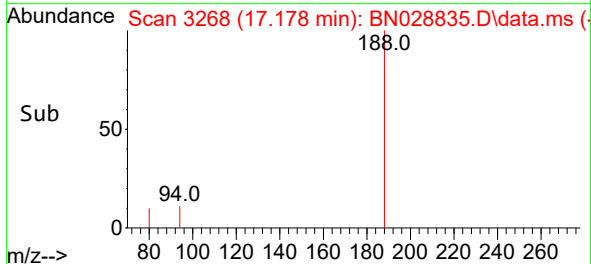
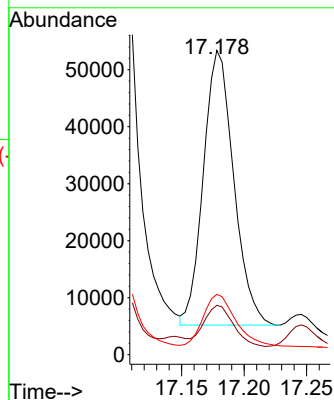
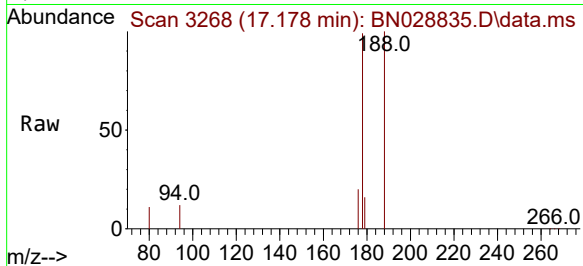




#16
 Anthracene
 Concen: 1.115 ng/ul
 RT: 17.178 min Scan# 31
 Delta R.T. -0.026 min
 Lab File: BN028835.D
 Acq: 22 Nov 2023 10:42

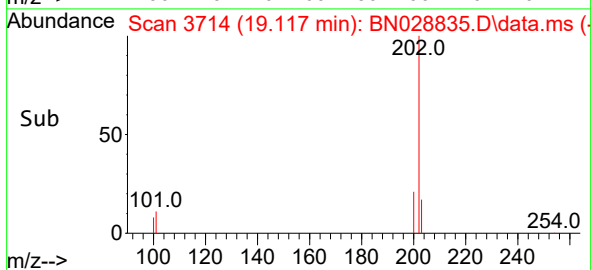
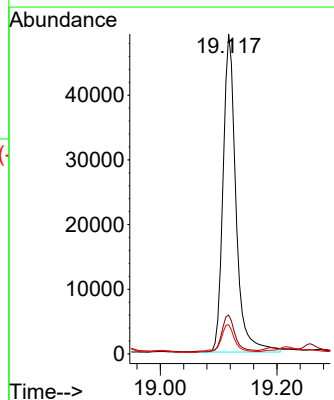
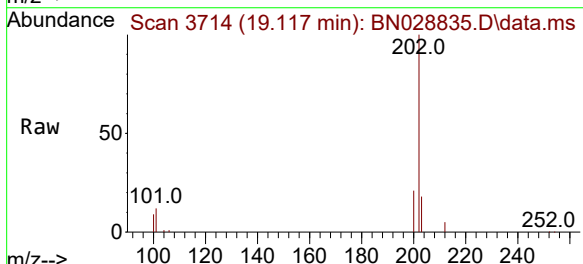
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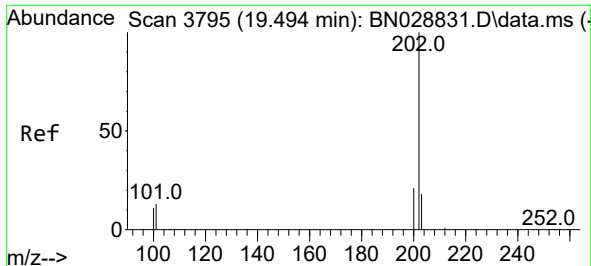
Tgt Ion:178 Resp: 81206
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.6 18.8
 176 19.8 14.9 22.3



#19
 Fluoranthene
 Concen: 0.926 ng/ul
 RT: 19.117 min Scan# 3714
 Delta R.T. -0.005 min
 Lab File: BN028835.D
 Acq: 22 Nov 2023 10:42

Tgt Ion:202 Resp: 75315
 Ion Ratio Lower Upper
 202 100
 101 12.2 9.5 14.3
 100 9.1 7.2 10.8

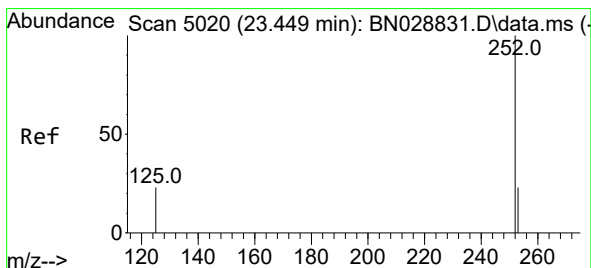
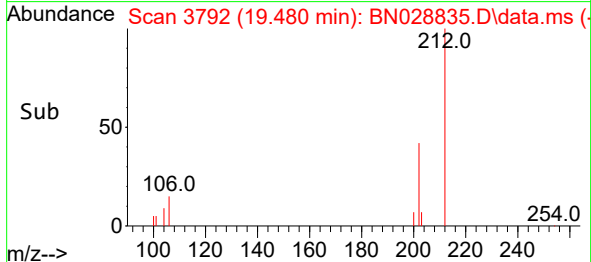
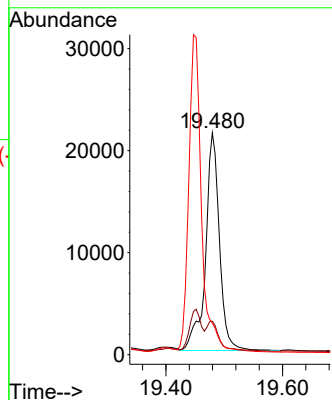
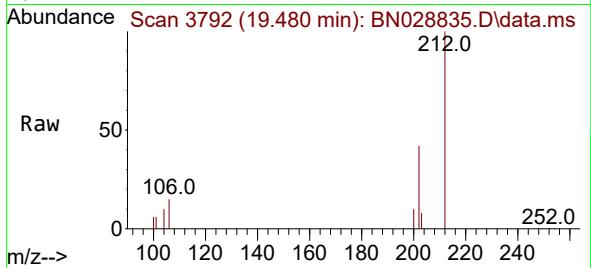




#20
Pyrene
Concen: 0.421 ng/ul
RT: 19.480 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN028835.D
Acq: 22 Nov 2023 10:42

Instrument :
BNA_N
ClientSampleId :
DCKE3

Tgt Ion:202 Resp: 35518
Ion Ratio Lower Upper
202 100
101 15.1 10.3 15.5
100 14.3 8.2 12.2#



#26
Benzo(a)pyrene
Concen: 0.117 ng/ul
RT: 23.391 min Scan# 5000
Delta R.T. -0.053 min
Lab File: BN028835.D
Acq: 22 Nov 2023 10:42

Tgt Ion:252 Resp: 8624
Ion Ratio Lower Upper
252 100
253 42.1 19.0 28.6#
125 33.9 13.2 19.8#

