

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
 Data File : BN028869.D
 Acq On : 24 Nov 2023 21:48
 Operator : MA/JU
 Sample : 05342-01DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AH1DL

Quant Time: Nov 25 01:03:52 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)

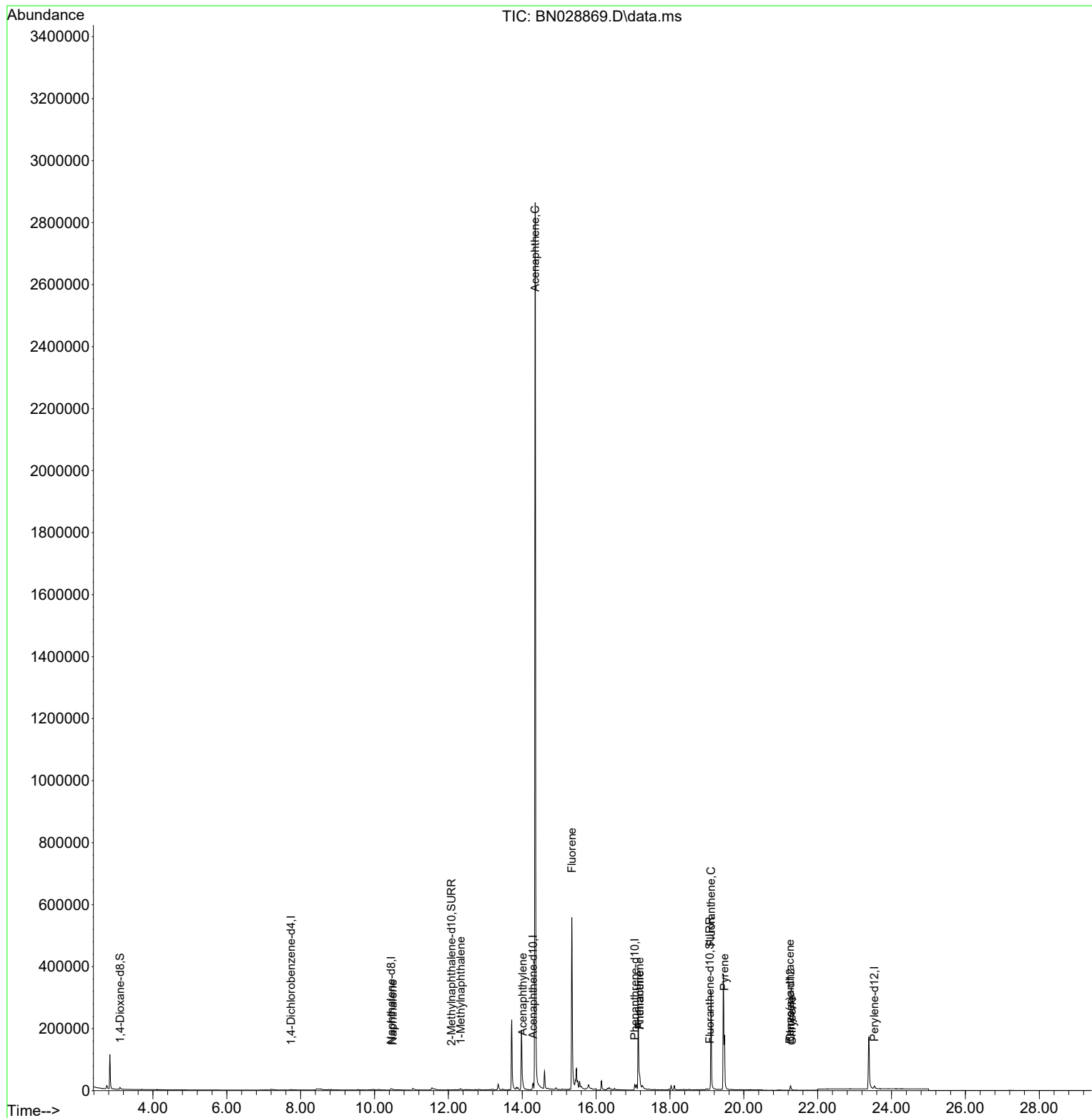
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	3719	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.450	136	18947	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.292	164	11438	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.047	188	22783	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.265	240	15207	0.400	ng/ul	# 0.00
23) Perylene-d12	23.536	264	12814	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.108	96	5446	1.325	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.083	152	991	0.035	ng/ul	0.00
18) Fluoranthene-d10	19.084	212	3989	0.082	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.499	128	1847	0.035	ng/ul#	44
8) 1-Methylnaphthalene	12.331	142	5319	0.150	ng/ul	89
10) Acenaphthylene	14.010	152	19671	0.345	ng/ul#	91
11) Acenaphthene	14.348	153	1762180	41.947	ng/ul	99
12) Fluorene	15.342	166	403328	8.252	ng/ul	99
15) Phenanthrene	17.178	178	49357	0.705	ng/ul	96
16) Anthracene	17.178	178	45042	0.702	ng/ul	96
19) Fluoranthene	19.112	202	288092	4.454	ng/ul	99
20) Pyrene	19.474	202	153814	2.295	ng/ul	95
21) Benzo(a)anthracene	21.251	228	4871	0.081	ng/ul#	86
22) Chrysene	21.300	228	1330	0.023	ng/ul#	73

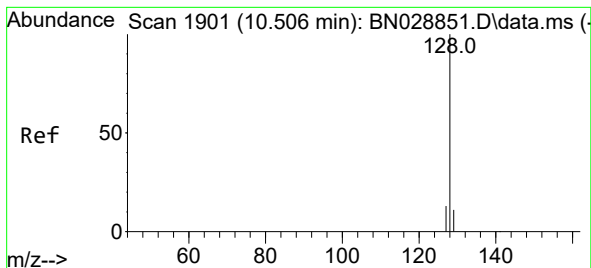
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.035 ng/ul

RT: 10.499 min Scan# 1900

Delta R.T. -0.007 min

Lab File: BN028869.D

Acq: 24 Nov 2023 21:48

Instrument :

BNA_N

ClientSampleId :

C0AH1DL

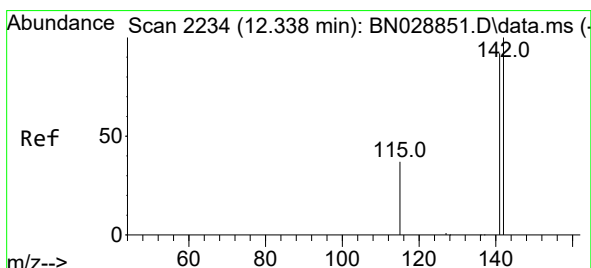
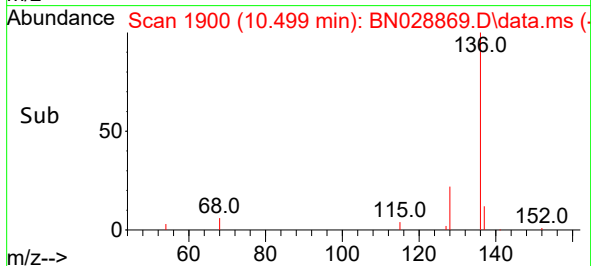
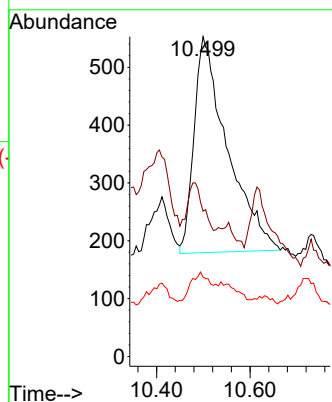
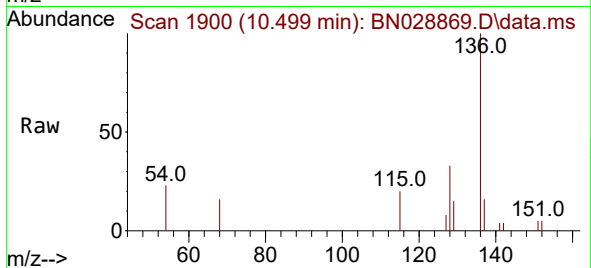
Tgt Ion:128 Resp: 1847

Ion Ratio Lower Upper

128 100

129 45.4 9.2 13.8#

127 24.8 10.7 16.1#



#8

1-Methylnaphthalene

Concen: 0.150 ng/ul

RT: 12.331 min Scan# 2233

Delta R.T. -0.007 min

Lab File: BN028869.D

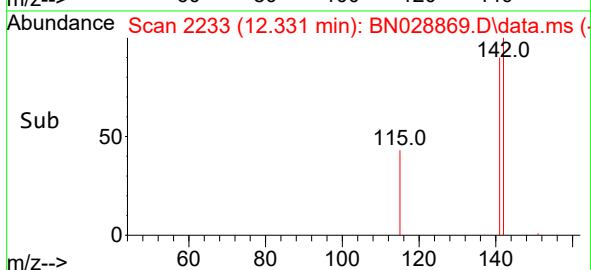
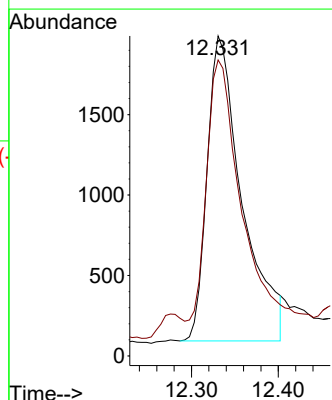
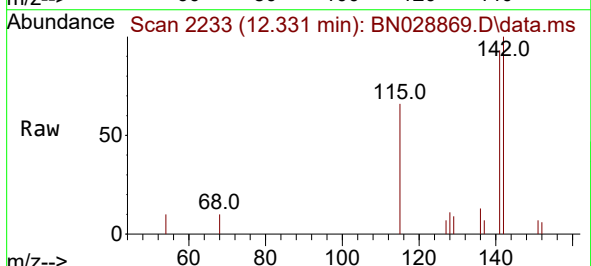
Acq: 24 Nov 2023 21:48

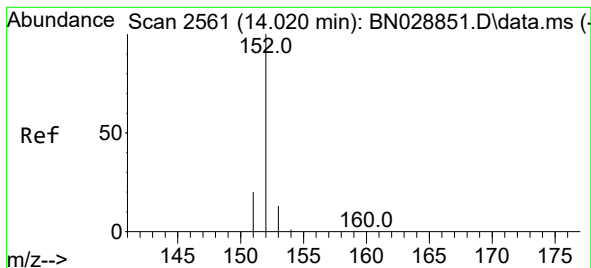
Tgt Ion:142 Resp: 5319

Ion Ratio Lower Upper

142 100

141 82.2 74.1 111.1





#10

Acenaphthylene

Concen: 0.345 ng/ul

RT: 14.010 min Scan# 21

Delta R.T. -0.015 min

Lab File: BN028869.D

Acq: 24 Nov 2023 21:48

Instrument :

BNA_N

ClientSampleId :

C0AH1DL

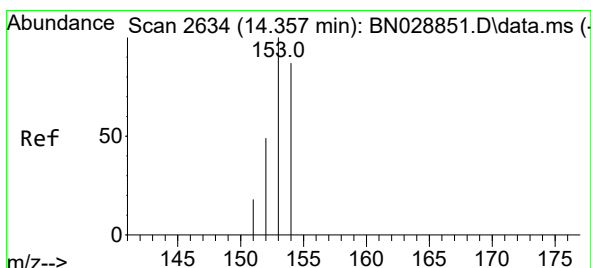
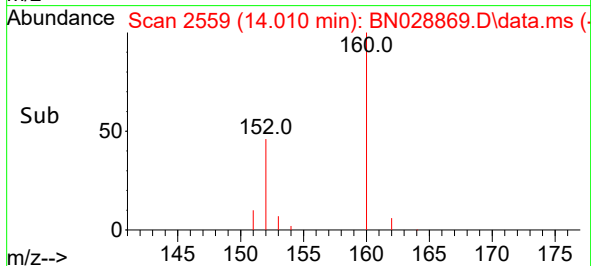
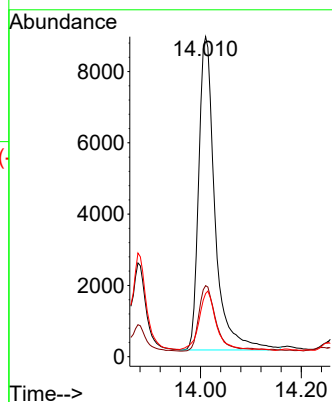
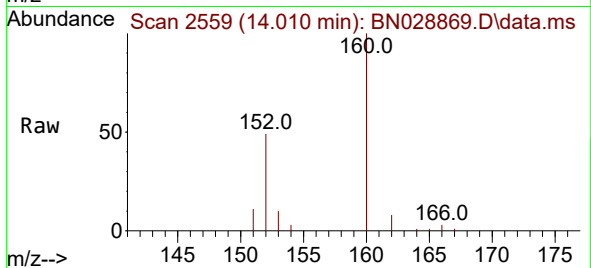
Tgt Ion:152 Resp: 19671

Ion Ratio Lower Upper

152 100

151 22.2 16.1 24.1

153 19.7 10.6 15.8#



#11

Acenaphthene

Concen: 41.947 ng/ul

RT: 14.348 min Scan# 2632

Delta R.T. -0.015 min

Lab File: BN028869.D

Acq: 24 Nov 2023 21:48

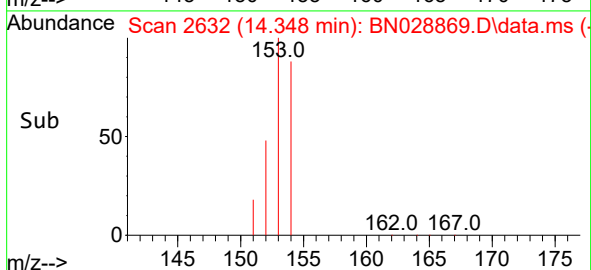
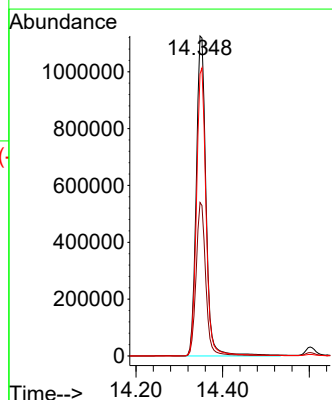
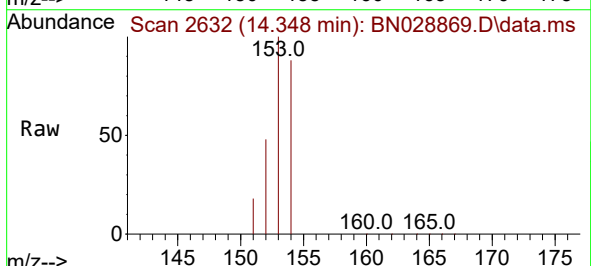
Tgt Ion:153 Resp: 1762180

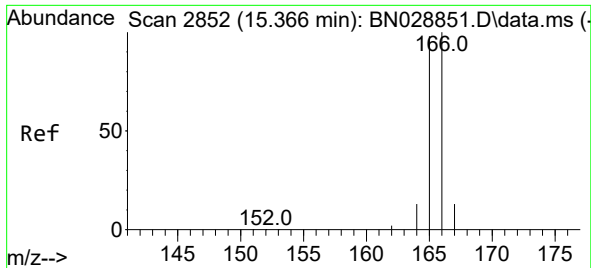
Ion Ratio Lower Upper

153 100

152 47.9 39.6 59.4

154 88.1 71.0 106.6

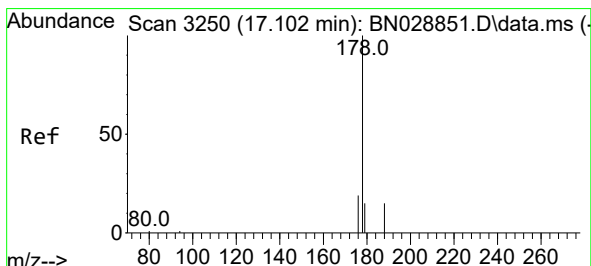
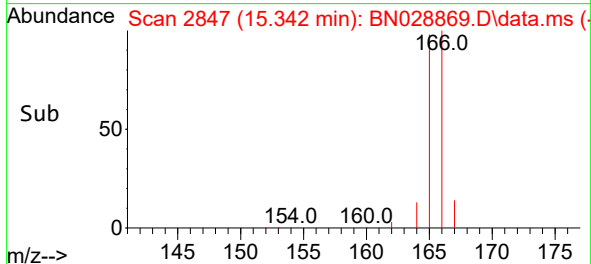
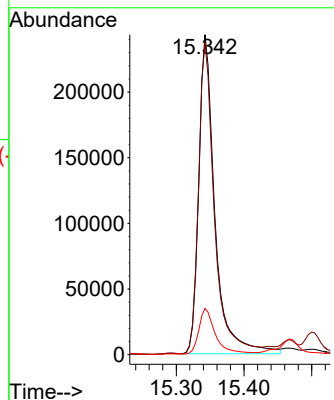
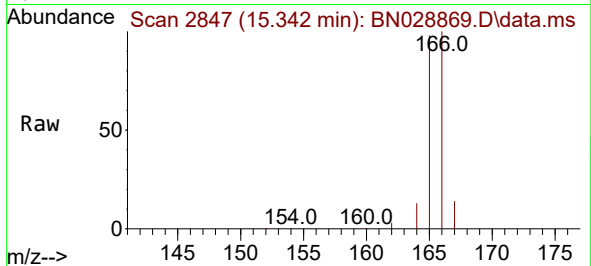




#12
Fluorene
Concen: 8.252 ng/ul
RT: 15.342 min Scan# 21
Delta R.T. -0.025 min
Lab File: BN028869.D
Acq: 24 Nov 2023 21:48

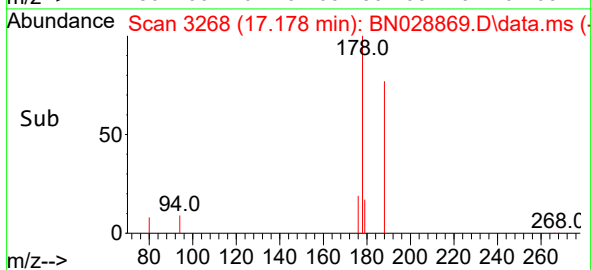
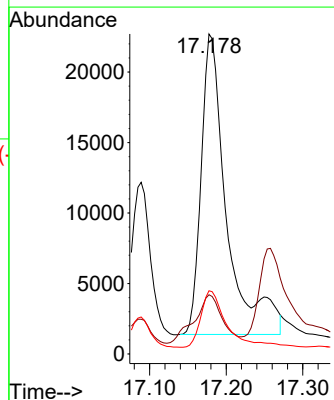
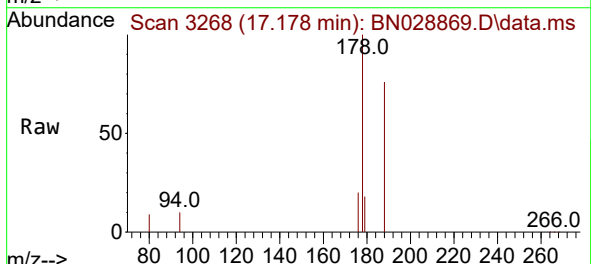
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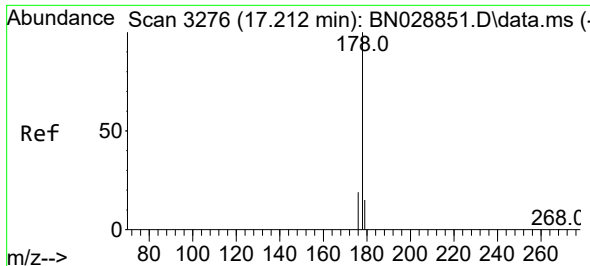
Tgt Ion:166 Resp: 403328
Ion Ratio Lower Upper
166 100
165 97.6 78.6 118.0
167 14.4 11.0 16.6



#15
Phenanthrene
Concen: 0.705 ng/ul
RT: 17.178 min Scan# 3268
Delta R.T. 0.075 min
Lab File: BN028869.D
Acq: 24 Nov 2023 21:48

Tgt Ion:178 Resp: 49357
Ion Ratio Lower Upper
178 100
179 18.5 12.4 18.6
176 19.7 15.4 23.2

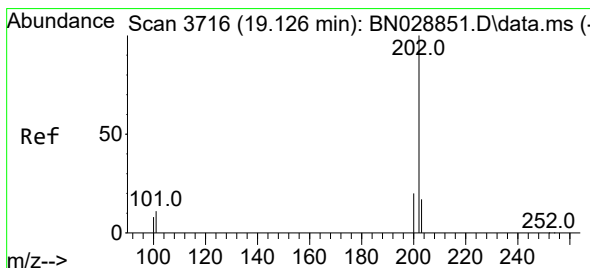
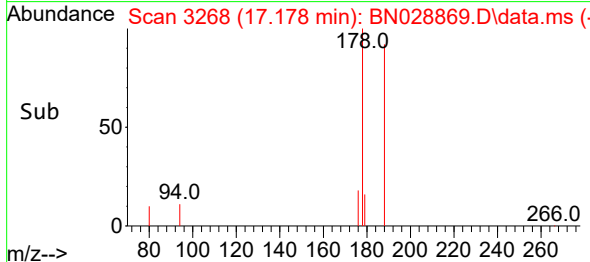
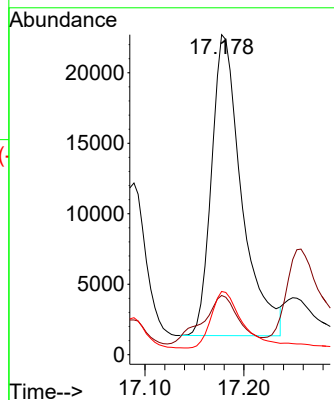
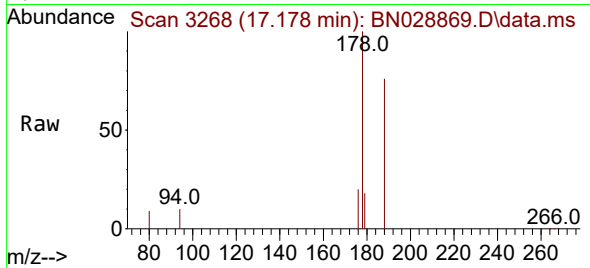




#16
 Anthracene
 Concen: 0.702 ng/ul
 RT: 17.178 min Scan# 31
 Delta R.T. -0.027 min
 Lab File: BN028869.D
 Acq: 24 Nov 2023 21:48

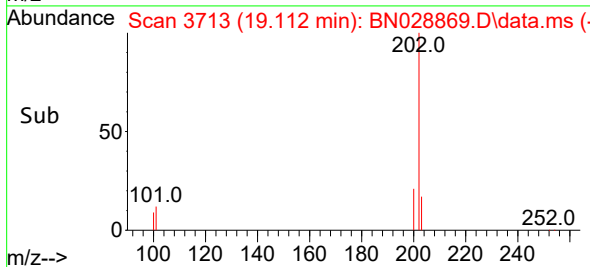
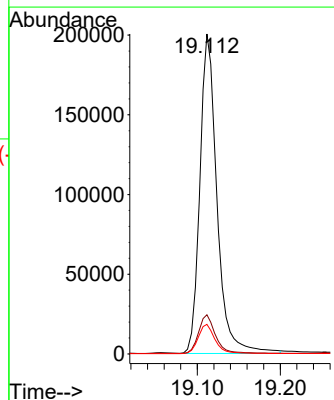
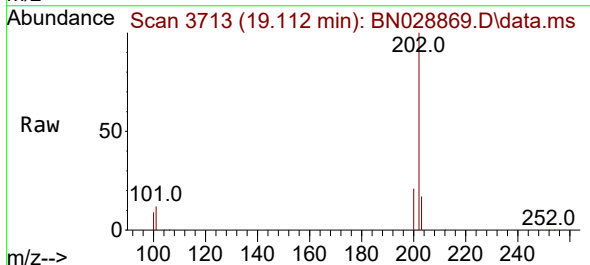
Instrument :
 BNA_N
 ClientSampleId :
 C0AH1DL

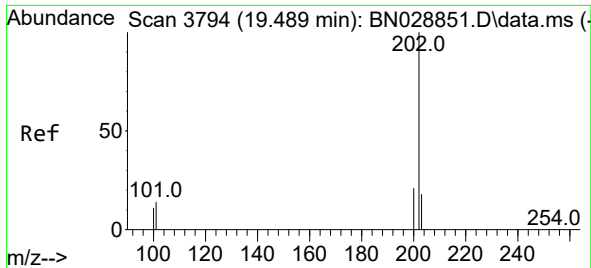
Tgt Ion:178 Resp: 45042
 Ion Ratio Lower Upper
 178 100
 179 18.5 12.6 18.8
 176 19.7 14.9 22.3



#19
 Fluoranthene
 Concen: 4.454 ng/ul
 RT: 19.112 min Scan# 3713
 Delta R.T. -0.011 min
 Lab File: BN028869.D
 Acq: 24 Nov 2023 21:48

Tgt Ion:202 Resp: 288092
 Ion Ratio Lower Upper
 202 100
 101 12.2 9.5 14.3
 100 9.3 7.2 10.8

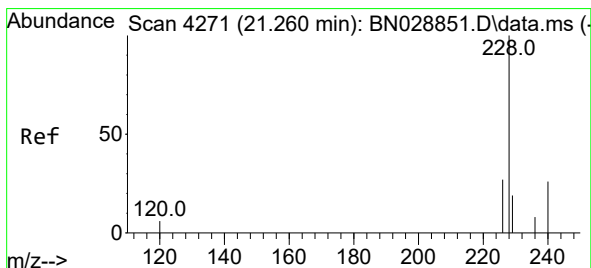
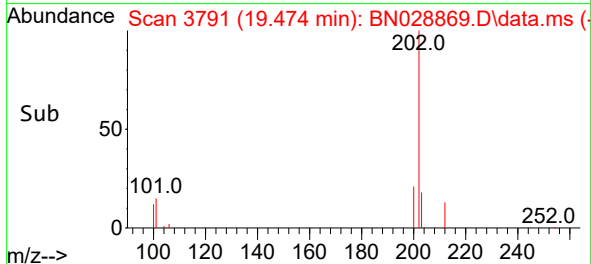
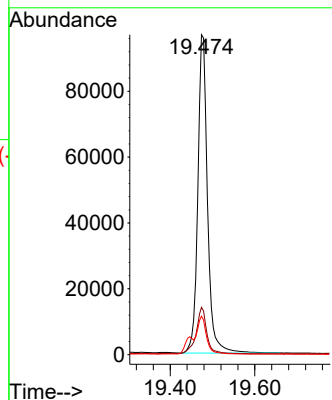
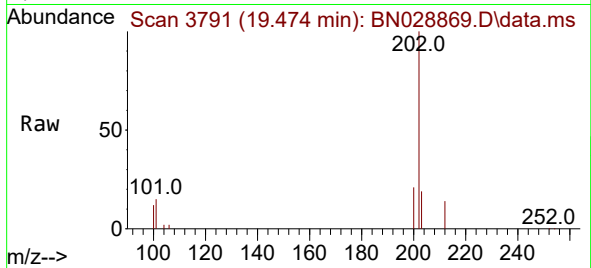




#20
Pyrene
Concen: 2.295 ng/ul
RT: 19.474 min Scan# 31
Delta R.T. -0.011 min
Lab File: BN028869.D
Acq: 24 Nov 2023 21:48

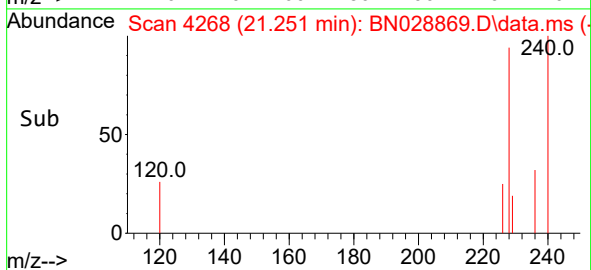
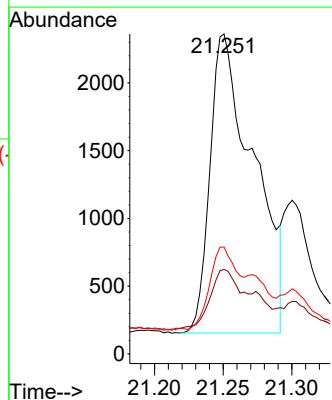
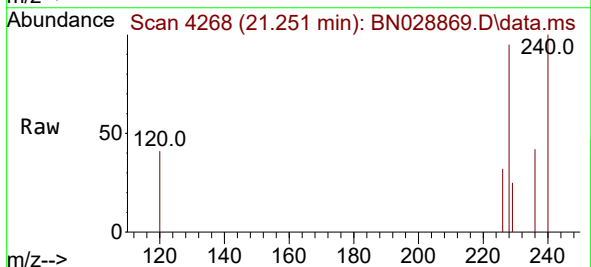
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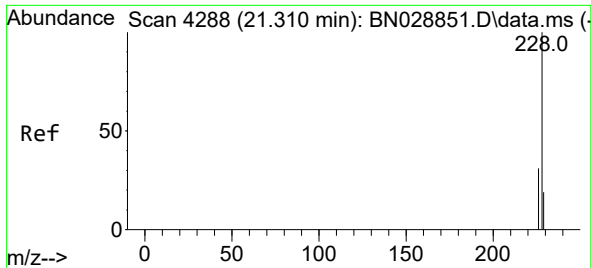
Tgt Ion:202 Resp: 153814
Ion Ratio Lower Upper
202 100
101 14.8 10.3 15.5
100 12.0 8.2 12.2



#21
Benzo(a)anthracene
Concen: 0.081 ng/ul
RT: 21.251 min Scan# 4268
Delta R.T. -0.005 min
Lab File: BN028869.D
Acq: 24 Nov 2023 21:48

Tgt Ion:228 Resp: 4871
Ion Ratio Lower Upper
228 100
229 26.4 15.7 23.5#
226 33.4 21.4 32.0#





#22

Chrysene

Concen: 0.023 ng/ul

RT: 21.300 min Scan# 41

Delta R.T. -0.005 min

Lab File: BN028869.D

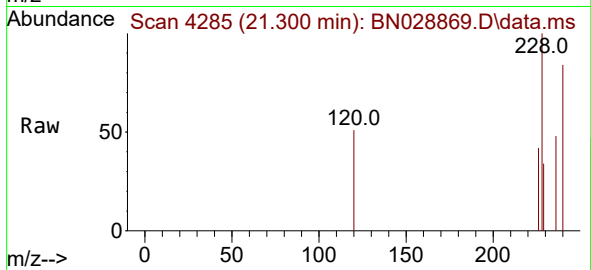
Acq: 24 Nov 2023 21:48

Instrument :

BNA_N

ClientSampleId :

C0AH1DL



Tgt Ion:228 Resp: 1330

Ion Ratio Lower Upper

228 100

226 42.3 23.8 35.8#

229 34.1 15.4 23.2#

