

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
 Data File : BN022238.D
 Acq On : 20 Oct 2022 17:54
 Operator : CG/JU
 Sample : N5060-16
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C1BD7

Quant Time: Oct 21 01:51:47 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 23:32:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	4798	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	15965	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.623	164	9339	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.378	188	19392	0.400	ng/ul	0.00
17) Chrysene-d12	21.582	240	12941	0.400	ng/ul	0.00
23) Perylene-d12	24.043	264	10056	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	26584	4.263	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	7598	0.315	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	16265	0.374	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.295	88	708	0.111	ng/ul#	47
5) Naphthalene	10.827	128	1112	0.024	ng/ul#	81
11) Acenaphthene	14.702	153	6435	0.182	ng/ul#	21
20) Pyrene	19.784	202	2369	0.040	ng/ul#	1
26) Benzo(a)pyrene	23.885	252	3474	0.086	ng/ul#	54

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

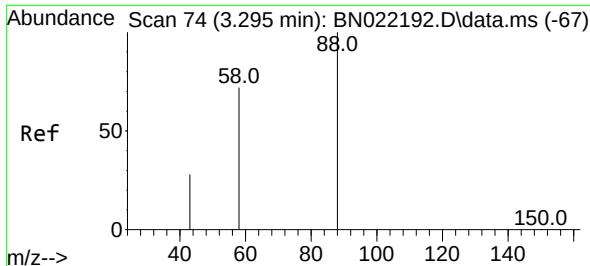
BNA N

ClientSampleId :

C1BD7

The chromatogram displays the Total Ion Chromatogram (TIC) for the sample BN022238.D\data.ms. The y-axis represents Abundance, ranging from 0 to 1,500,000. The x-axis represents Time in minutes, ranging from 0.00 to 28.00. The following table summarizes the identified peaks:

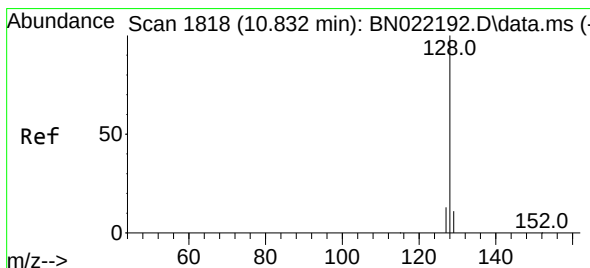
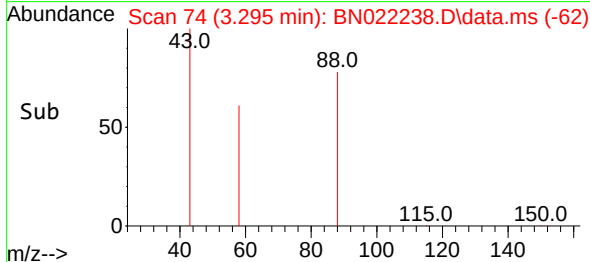
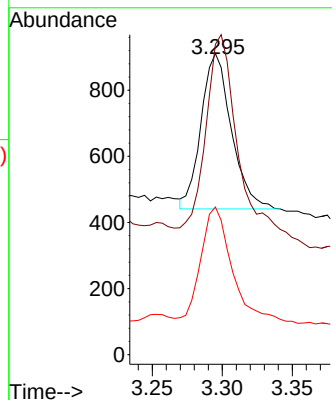
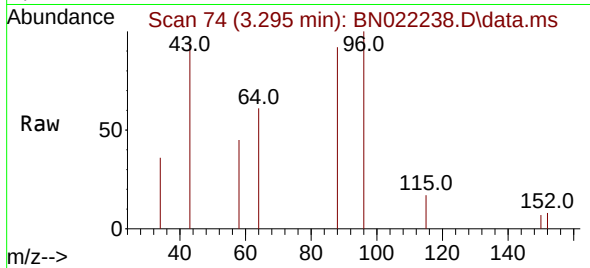
Compound	Approximate Retention Time (min)	Approximate Abundance
1,4-Dichlorobenzene-d4, I	3.5	20,000
1,4-Dichlorobenzene-d4, I	7.5	60,000
1,4-Dichlorobenzene-d4, I	8.5	190,000
Naphthalene-d8, I	10.5	60,000
2-Methylnaphthalene-d10, SURR	12.5	40,000
Acenaphthene-d10, I	14.0	940,000
Acenaphthene-d10, I	14.5	830,000
Phenanthrene-d10, I	17.5	1,160,000
Fluoranthene-d10, SURR	19.5	13,000
Pyrene	20.0	1,330,000
Chrysene-d12	21.5	10,000
Benzo(a)pyrene, C	24.0	600,000
Perylene-d12, I	24.0	18,000



#2
1,4-Dioxane
Concen: 0.111 ng/ul
RT: 3.295 min Scan# 74
Delta R.T. -0.000 min
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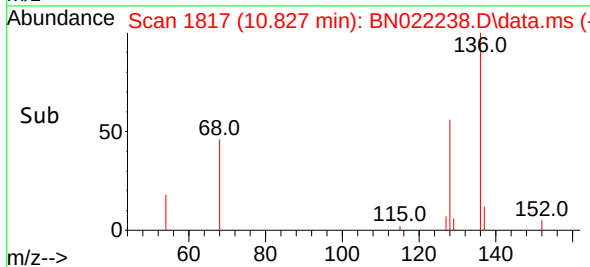
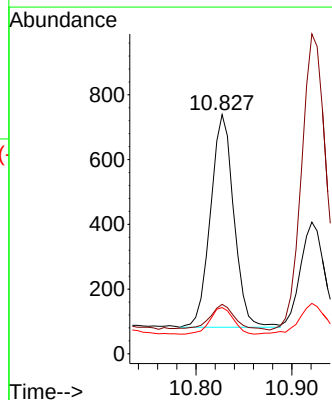
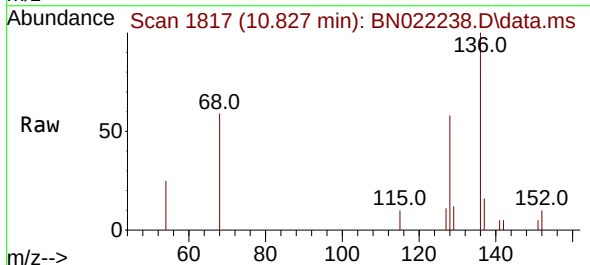
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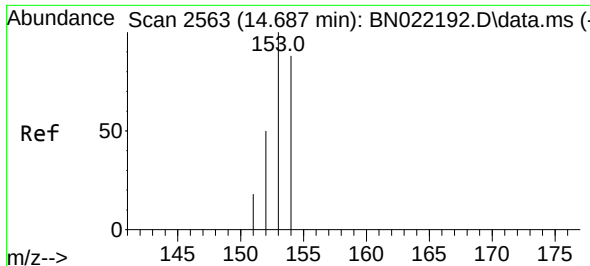
Tgt Ion: 88 Resp: 708
Ion Ratio Lower Upper
88 100
43 103.1 27.4 41.2#
58 49.1 48.2 72.2



#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.827 min Scan# 1817
Delta R.T. -0.004 min
Lab File: BN022238.D
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Tgt Ion: 128 Resp: 1112
Ion Ratio Lower Upper
128 100
129 20.7 9.3 13.9#
127 19.4 10.7 16.1#





#11

Acenaphthene

Concen: 0.182 ng/ul

RT: 14.702 min Scan# 21

Delta R.T. 0.015 min

Lab File: BN022238.D

Acq: 20 Oct 2022 17:54

Instrument :

BNA_N

ClientSampleId :

C1BD7

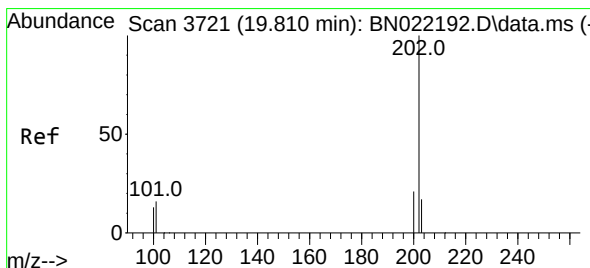
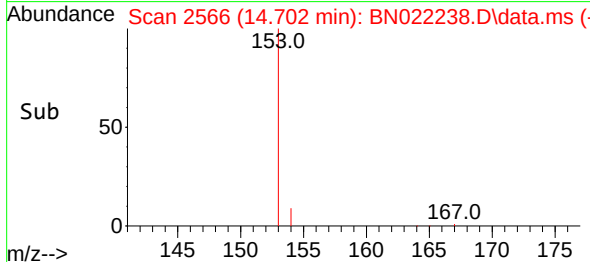
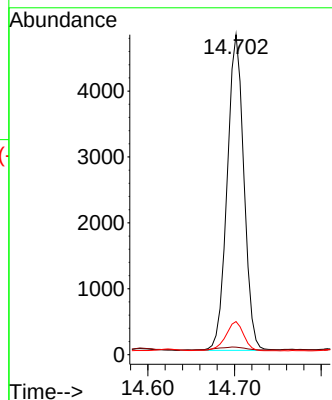
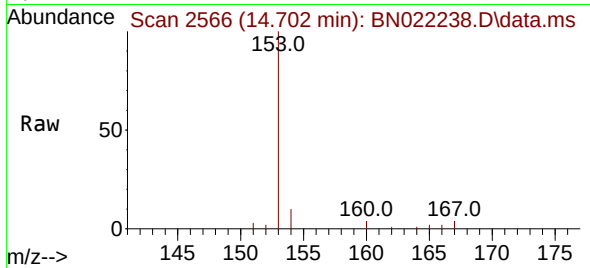
Tgt Ion:153 Resp: 6435

Ion Ratio Lower Upper

153 100

152 2.4 40.6 61.0#

154 10.4 70.6 106.0#



#20

Pyrene

Concen: 0.040 ng/ul

RT: 19.784 min Scan# 3715

Delta R.T. -0.027 min

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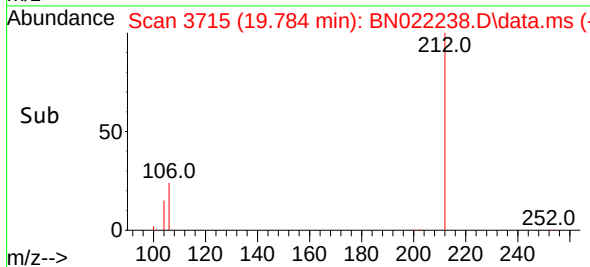
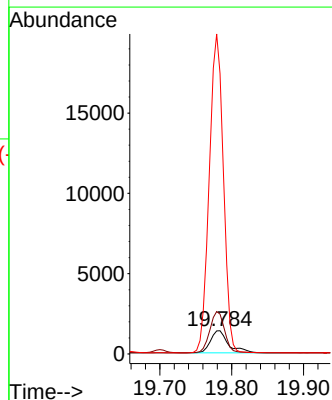
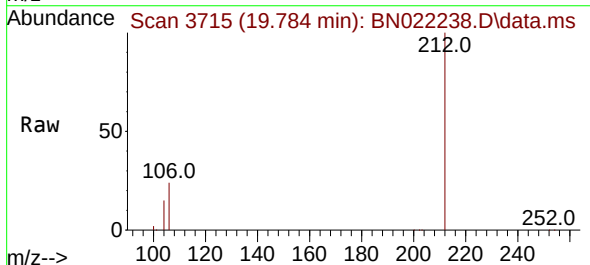
Tgt Ion:202 Resp: 2369

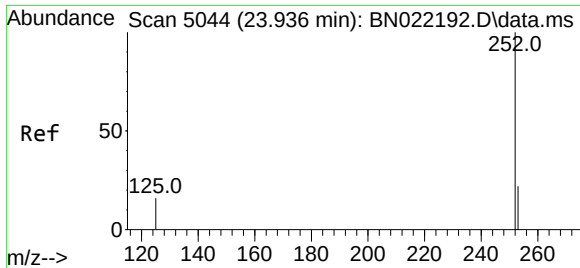
Ion Ratio Lower Upper

202 100

101 172.0 13.1 19.7#

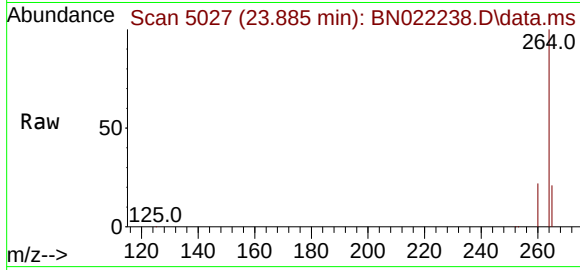
100 1212.2 10.6 16.0#





#26
 Benzo(a)pyrene
 Concen: 0.086 ng/ul
 RT: 23.885 min Scan# 50
 Delta R.T. -0.050 min
 Lab File: BN022238.D
 Acq: 20 Oct 2022 17:54

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Tgt Ion:252 Resp: 3474
 Ion Ratio Lower Upper
 252 100
 253 45.8 21.0 31.6#
 125 49.3 17.9 26.9#

