

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028122.D
 Acq On : 07 Oct 2023 15:24
 Operator : MA/JU
 Sample : 04607-08
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BBKB2

Quant Time: Oct 08 00:51:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 05:15:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	4957	0.400	ng/ul	0.00
4) Naphthalene-d8	10.746	136	16430	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.573	164	8409	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.329	188	16414	0.400	ng/ul	0.00
17) Chrysene-d12	21.522	240	13927	0.400	ng/ul	0.00
23) Perylene-d12	23.980	264	16137	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	29485	4.736	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.330	152	8700	0.329	ng/ul	0.00
18) Fluoranthene-d10	19.357	212	19835	0.449	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.359	88	952	0.144	ng/ul#	72
5) Naphthalene	10.795	128	1289	0.028	ng/ul#	80
11) Acenaphthene	14.629	153	4421	0.146	ng/ul#	23
20) Pyrene	19.729	202	2797	0.051	ng/ul#	1
26) Benzo(a)pyrene	23.825	252	6341	0.124	ng/ul#	55

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

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TIC: BN028122.D\data.ms

Abundance

Time-->

1,4-Dichlorobenzene-d8, S

1,4-Dichlorobenzene-d4, I

Naphthalene-d8, I

2-Methylnaphthalene-d10, SURR

Acenaphthene-d10, I

Phenanthrene-d10, I

Fluoranthene-d10, SURR

Pyrene

Chrysene-d12

Benzo(a)pyrene, C

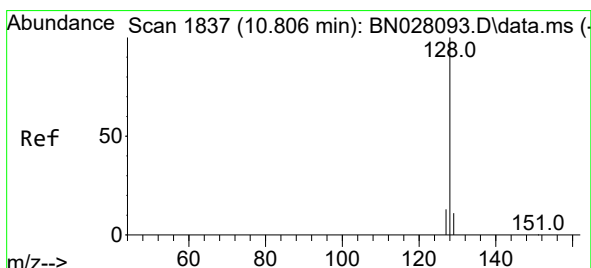
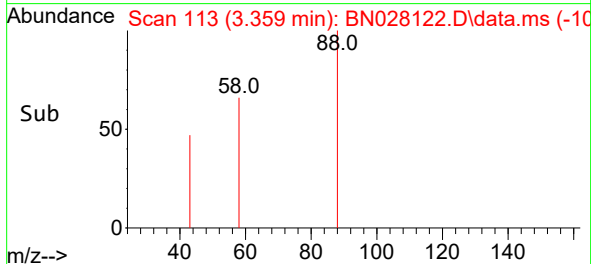
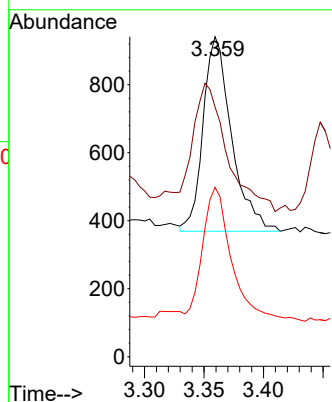
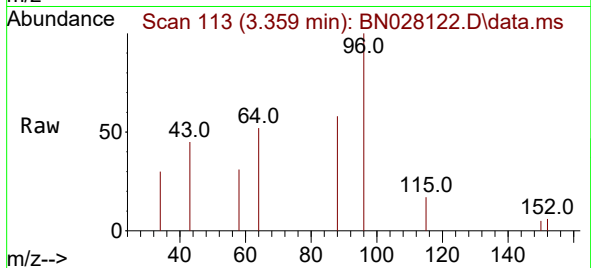
Perylene-d12, I



#2
1,4-Dioxane
Concen: 0.144 ng/ul
RT: 3.359 min Scan# 115
Delta R.T. -0.004 min
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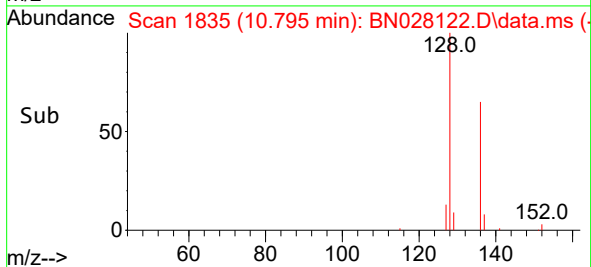
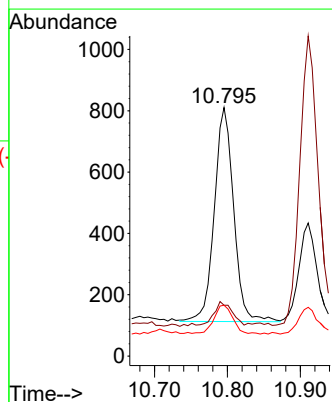
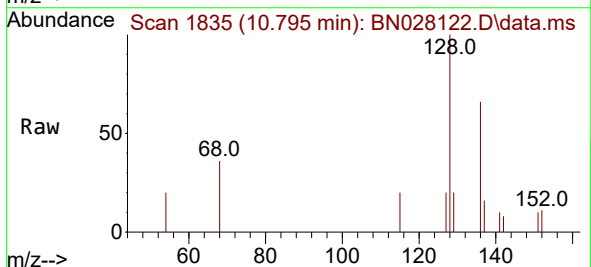
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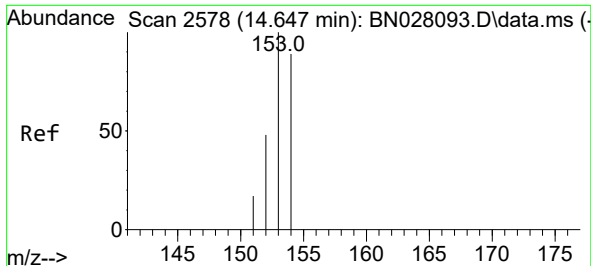
Tgt Ion: 88 Resp: 952
Ion Ratio Lower Upper
88 100
43 78.0 33.4 50.2#
58 52.9 45.7 68.5



#5
Naphthalene
Concen: 0.028 ng/ul
RT: 10.795 min Scan# 1835
Delta R.T. -0.011 min
Lab File: BN028122.D
Acq: 07 Oct 2023 15:24

Tgt Ion:128 Resp: 1289
Ion Ratio Lower Upper
128 100
129 20.5 9.4 14.0#
127 20.5 11.0 16.4#

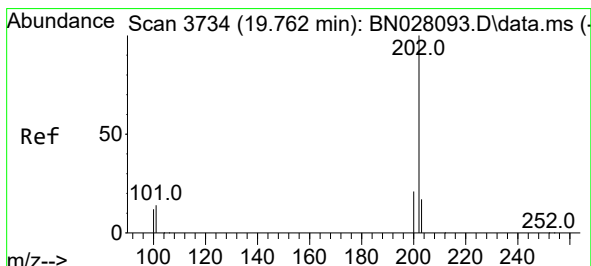
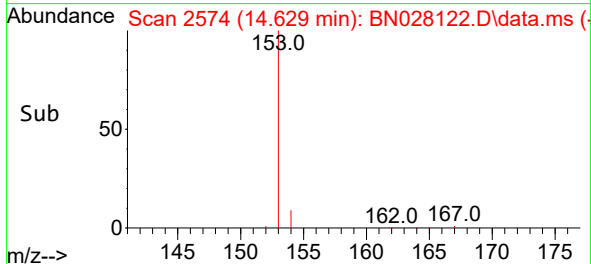
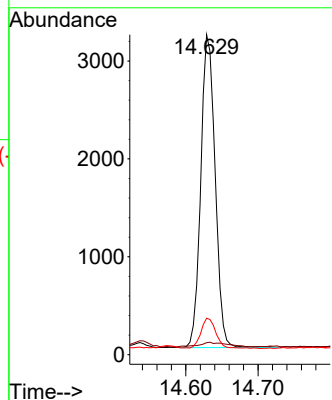
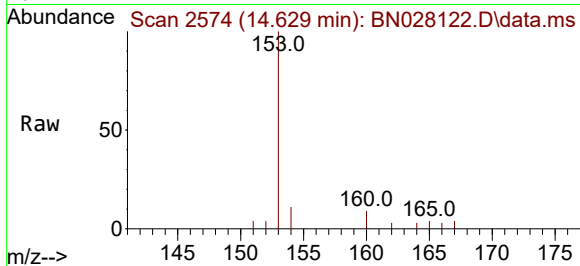




#11
Acenaphthene
Concen: 0.146 ng/ul
RT: 14.629 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN028122.D
Acq: 07 Oct 2023 15:24

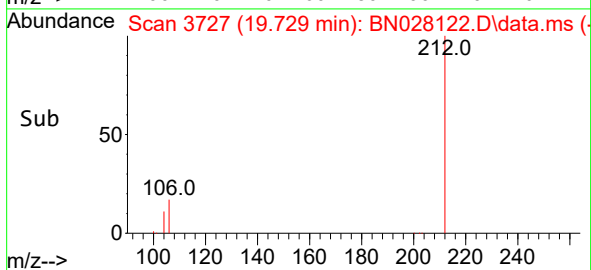
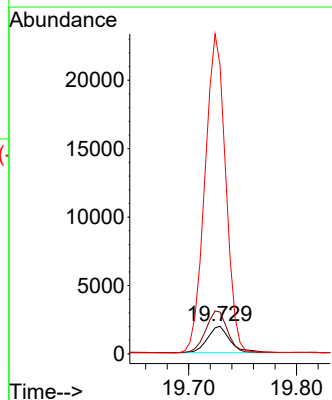
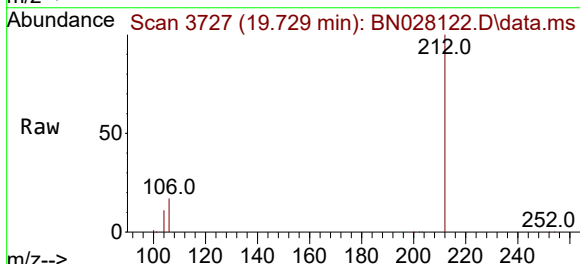
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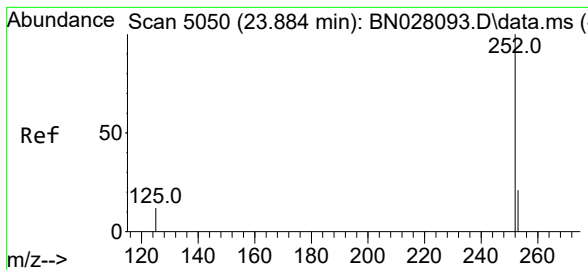
Tgt Ion:153 Resp: 4421
Ion Ratio Lower Upper
153 100
152 3.7 39.4 59.0#
154 11.4 70.2 105.4#



#20
Pyrene
Concen: 0.051 ng/ul
RT: 19.729 min Scan# 3727
Delta R.T. -0.028 min
Lab File: BN028122.D
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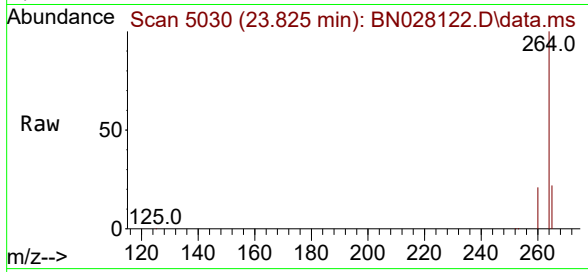
Tgt Ion:202 Resp: 2797
Ion Ratio Lower Upper
202 100
101 151.2 11.2 16.8#
100 1039.8 9.1 13.7#





#26
 Benzo(a)pyrene
 Concen: 0.124 ng/ul
 RT: 23.825 min Scan# 50
 Delta R.T. -0.044 min
 Lab File: BN028122.D
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Tgt Ion:252 Resp: 6341

Ion	Ratio	Lower	Upper
252	100		
253	51.1	23.4	35.2#
125	42.0	15.3	22.9#

