

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
 Data File : BM042619.D
 Acq On : 07 Nov 2023 19:19
 Operator : MA/JU
 Sample : 05026-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BH340

Quant Time: Nov 07 23:06:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 02:23:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	1277	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.678	136	2856	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.511	164	1784	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.264	188	4161	0.400	ng/ul	0.00
17) Chrysene-d12	21.450	240	2843	0.400	ng/ul	0.00
23) Perylene-d12	23.829	264	3797	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	5321	3.153	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.267	152	891	0.224	ng/ul	0.00
18) Fluoranthene-d10	19.290	212	2712	0.276	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	791	0.394	ng/ul	95
5) Naphthalene	10.772	128	35881	3.891	ng/ul#	75
7) 2-Methylnaphthalene	12.328	142	6948	1.175	ng/ul#	6
8) 1-Methylnaphthalene	12.570	142	14930	2.489	ng/ul#	3
20) Pyrene	19.657	202	624	0.032	ng/ul#	1
26) Benzo(a)pyrene	23.668	252	1027	0.065	ng/ul#	36

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

BNA M

ClientSampleId :

BH340

Abundance

TIC: BM042619.D\data.ms

320000

300000

280000

260000

240000

220000

200000

180000

160000

140000

120000

100000

80000

60000

40000

20000

0

Time-->

4.00 6.00 8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00

1,4-Dichlorobenzene-d4, S

1,4-Dichlorobenzene-d4, I

1,4-Dichlorobenzene-d4, II

Naphthalene-d8

2-Methylnaphthalene-10,8-SURR

1-Methylnaphthalene

Acenaphthene-d10, I

Phenanthrene-d10, I

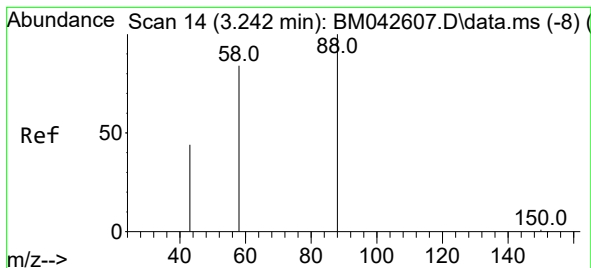
Fluoranthene-d10, SURR

Pyrene

Chrysene-d12

Benzo(a)pyrene, C

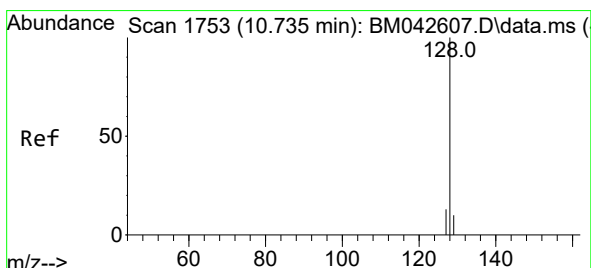
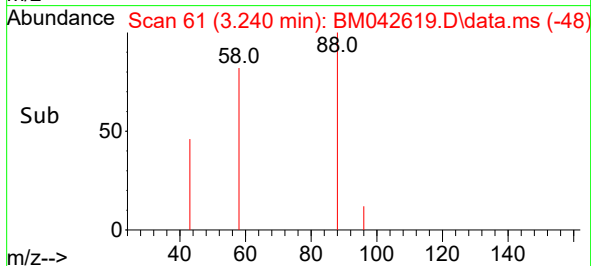
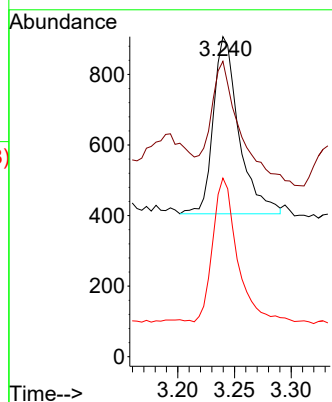
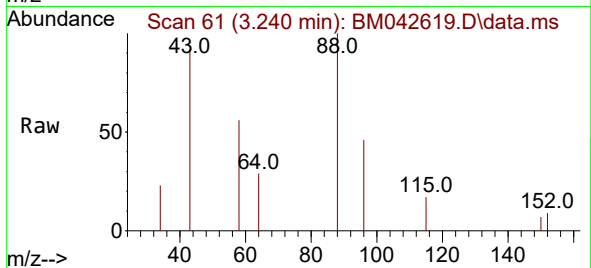
Perylene-d12, I



#2
1,4-Dioxane
Concen: 0.394 ng/ul
RT: 3.240 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042619.D
Acq: 07 Nov 2023 19:19

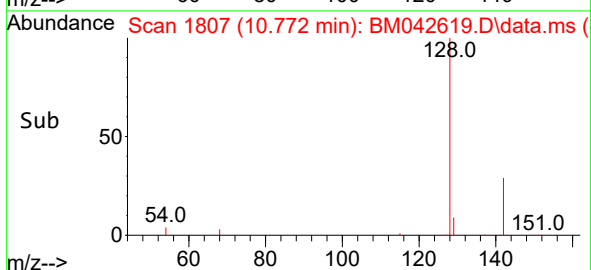
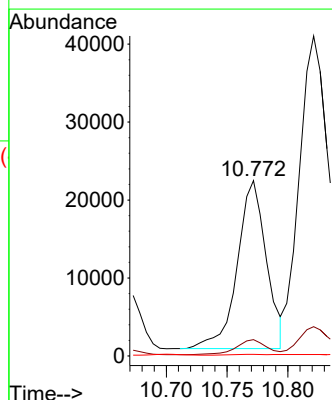
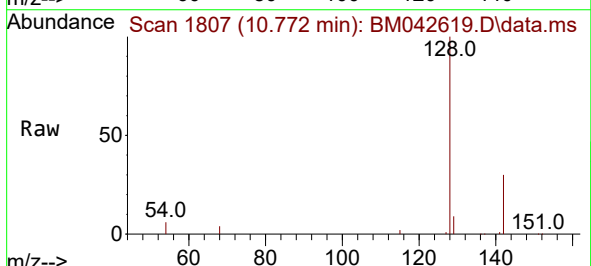
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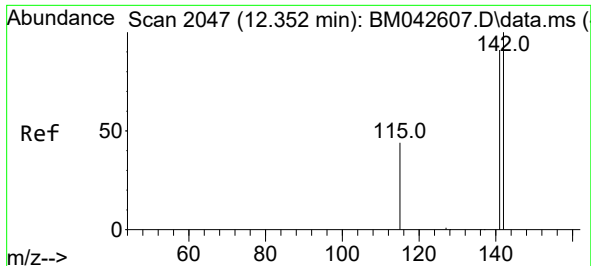
Tgt Ion: 88 Resp: 791
Ion Ratio Lower Upper
88 100
43 92.3 77.5 116.3
58 55.8 40.9 61.3



#5
Naphthalene
Concen: 3.891 ng/ul
RT: 10.772 min Scan# 1807
Delta R.T. 0.036 min
Lab File: BM042619.D
Acq: 07 Nov 2023 19:19

Tgt Ion: 128 Resp: 35881
Ion Ratio Lower Upper
128 100
129 9.3 11.3 16.9#
127 0.9 13.0 19.4#

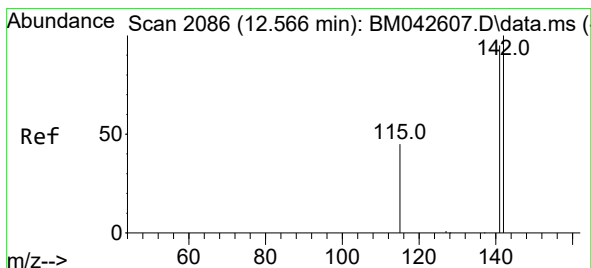
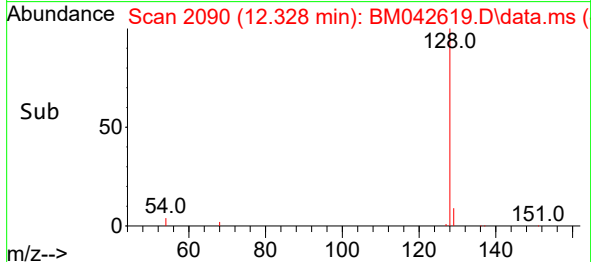
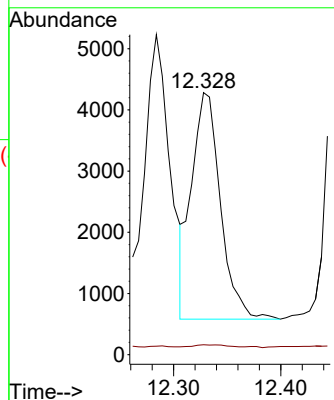
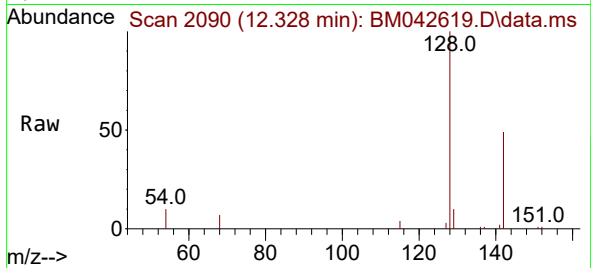




#7
2-Methylnaphthalene
Concen: 1.175 ng/ul
RT: 12.328 min Scan# 2090
Delta R.T. -0.019 min
Lab File: BM042619.D
Acq: 07 Nov 2023 19:19

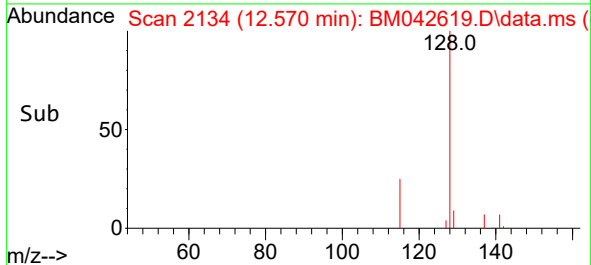
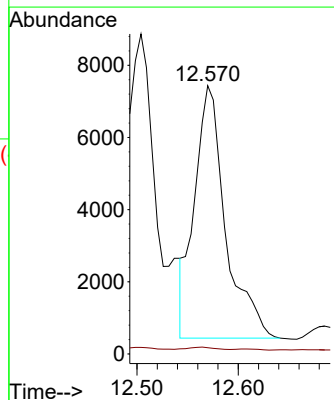
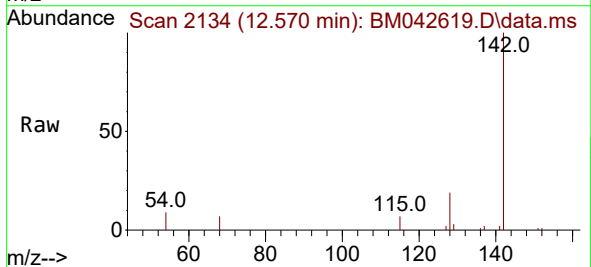
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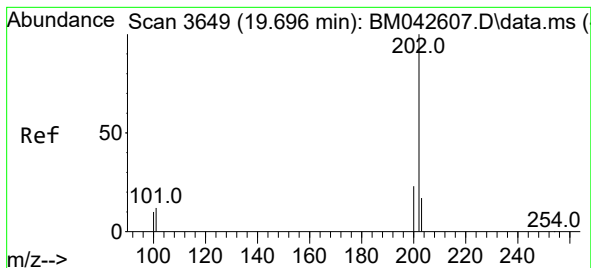
Tgt Ion:142 Resp: 6948
Ion Ratio Lower Upper
142 100
141 1.7 71.7 107.5#



#8
1-Methylnaphthalene
Concen: 2.489 ng/ul
RT: 12.570 min Scan# 2134
Delta R.T. 0.003 min
Lab File: BM042619.D
Acq: 07 Nov 2023 19:19

Tgt Ion:142 Resp: 14930
Ion Ratio Lower Upper
142 100
141 0.8 75.4 113.2#





#20

Pyrene

Concen: 0.032 ng/ul

RT: 19.657 min Scan# 3

Delta R.T. -0.039 min

Lab File: BM042619.D

Acq: 07 Nov 2023 19:19

Instrument :

BNA_M

ClientSampleId :

BH340

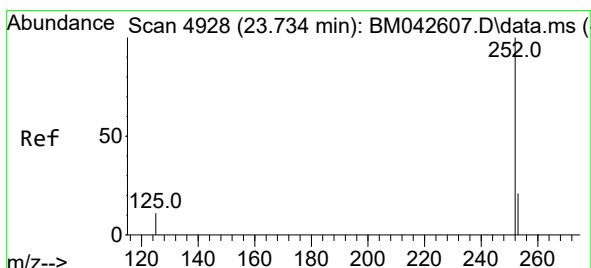
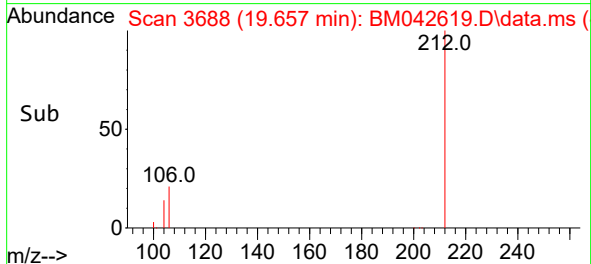
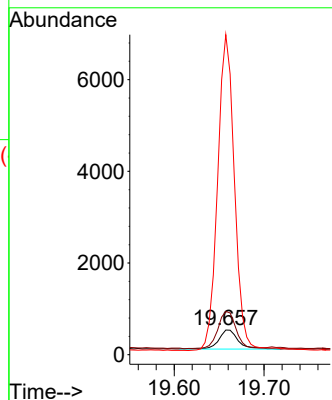
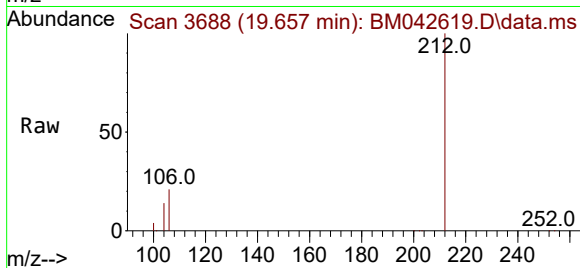
Tgt Ion:202 Resp: 624

Ion Ratio Lower Upper

202 100

101 175.3 10.6 16.0#

100 1297.6 8.6 13.0#



#26

Benzo(a)pyrene

Concen: 0.065 ng/ul

RT: 23.668 min Scan# 4953

Delta R.T. -0.066 min

Lab File: BM042619.D

Acq: 07 Nov 2023 19:19

Tgt Ion:252 Resp: 1027

Ion Ratio Lower Upper

252 100

253 78.4 31.7 47.5#

125 62.0 22.1 33.1#

