

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
 Data File : BM043462.D
 Acq On : 20 Dec 2023 13:28
 Operator : MA/JU
 Sample : 05677-06
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0AA2

Quant Time: Dec 20 23:13:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 23:32:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.983	152	6384	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	19764	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.610	164	9911	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.455	188	1416829	0.400	ng/ul	# 0.10
17) Chrysene-d12	21.647	240	13	0.400	ng/ul	# 0.11
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-23.96
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	31252	3.874	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	6924	0.247	ng/ul	0.00
18) Fluoranthene-d10	0.000	212	0	0.000	ng/ul	
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.418	88	506	0.063	ng/ul#	41
5) Naphthalene	10.834	128	1975	0.033	ng/ul#	85
19) Fluoranthene	19.566	202	36	0.491	ng/ul#	1
20) Pyrene	19.743	202	3588	49.284	ng/ul#	1
22) Chrysene	21.696	228	14	0.232	ng/ul#	1

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

BNA M

ClientSampleId :

H0AA2

Abundance

TIC: BM043462.D\data.ms

1900000

1800000

1700000

1600000

1500000

1400000

1300000

1200000

1100000

1000000

900000

800000

700000

600000

500000

400000

300000

200000

100000

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-d8, S

1,4-Dichlorobenzene-d4, I

Naphthalene-d8, I

2-Methylnaphthalene-d10, SURR

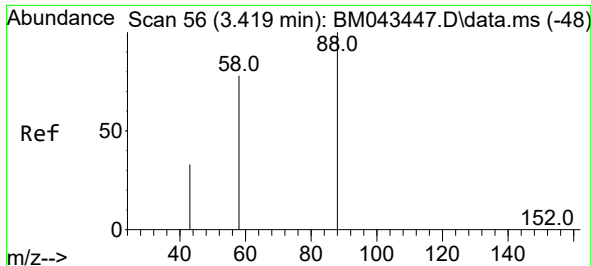
Acenaphthene-d10, I

Phenanthrene-d10, I

Fluoranthene, C

Chrysene-d12

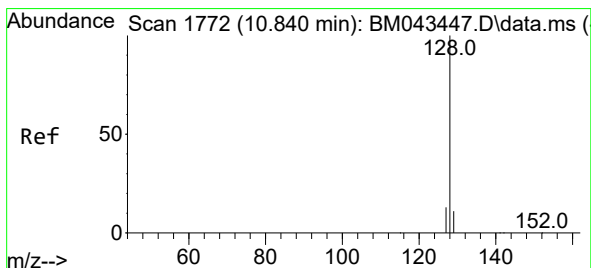
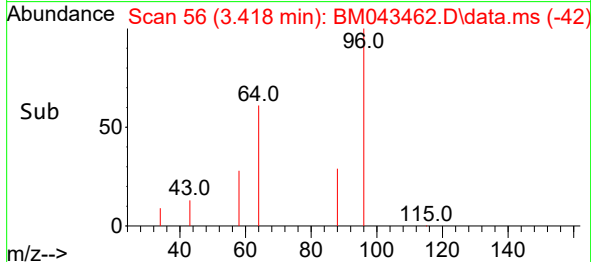
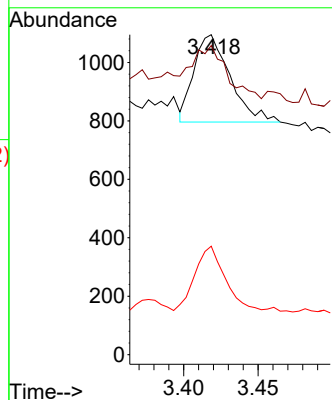
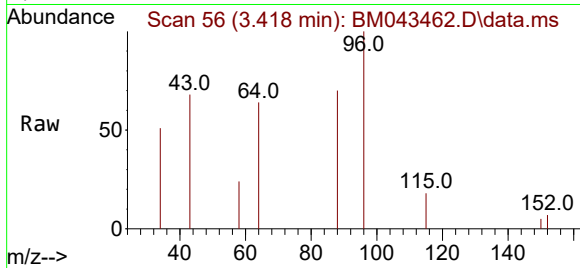
Pyrene



#2
1,4-Dioxane
Concen: 0.063 ng/ul
RT: 3.418 min Scan# 50
Delta R.T. -0.000 min
Lab File: BM043462.D
Acq: 20 Dec 2023 13:28

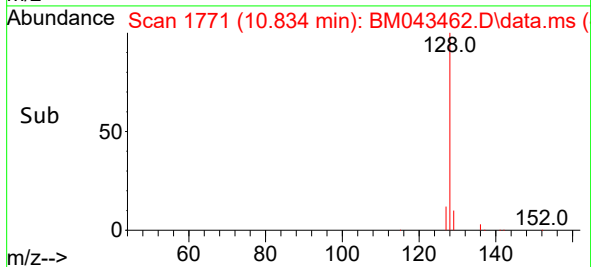
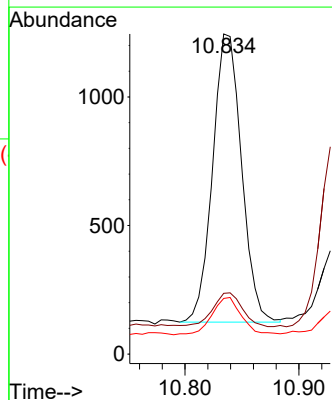
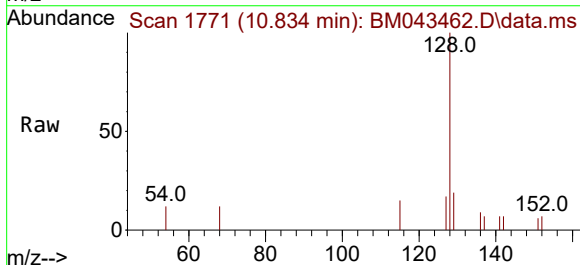
Instrument :
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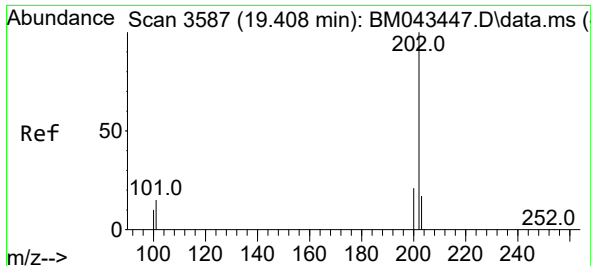
Tgt Ion: 88 Resp: 506
Ion Ratio Lower Upper
88 100
43 96.6 27.9 41.9#
58 33.9 43.4 65.2#



#5
Naphthalene
Concen: 0.033 ng/ul
RT: 10.834 min Scan# 1771
Delta R.T. -0.006 min
Lab File: BM043462.D
Acq: 20 Dec 2023 13:28

Tgt Ion: 128 Resp: 1975
Ion Ratio Lower Upper
128 100
129 19.0 9.0 13.4#
127 17.3 10.3 15.5#

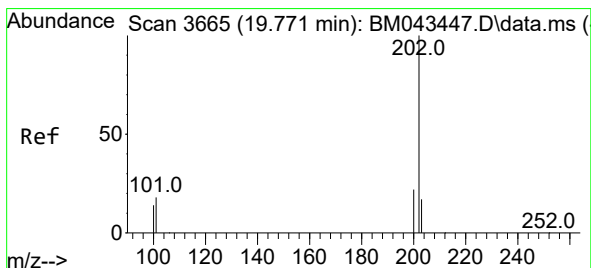
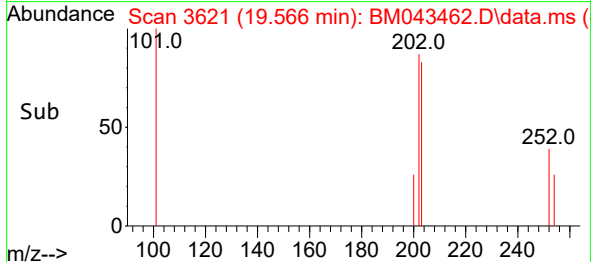
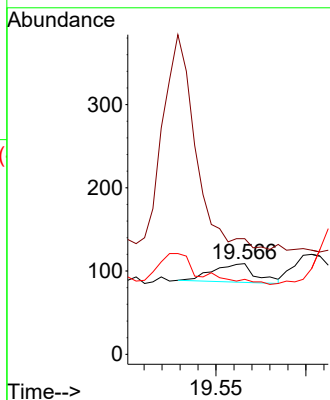
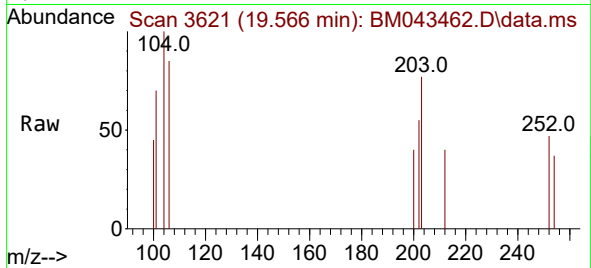




#19
Fluoranthene
Concen: 0.491 ng/ul
RT: 19.566 min Scan# 30
Delta R.T. 0.153 min
Lab File: BM043462.D
Acq: 20 Dec 2023 13:28

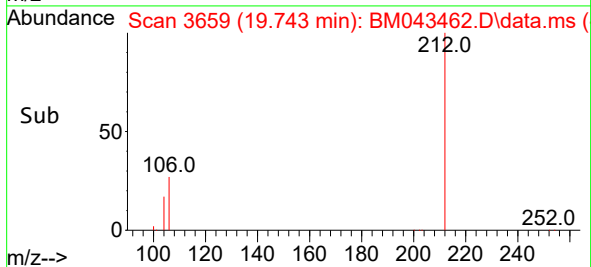
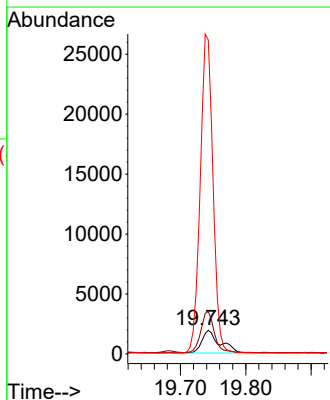
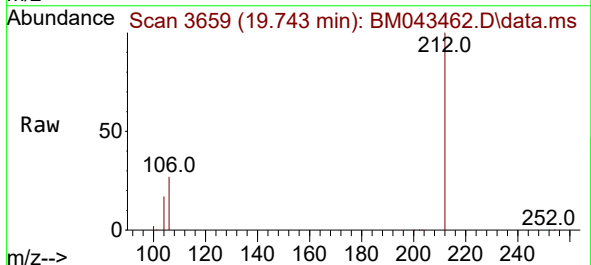
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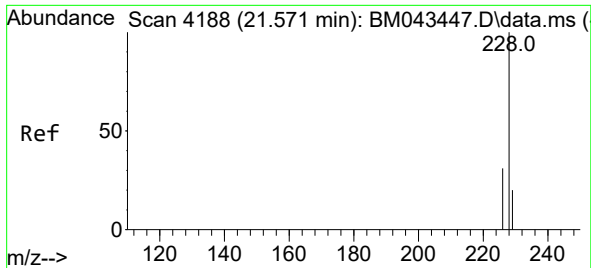
Tgt Ion:202 Resp: 36
Ion Ratio Lower Upper
202 100
101 127.5 10.1 15.1#
100 82.6 7.4 11.2#



#20
Pyrene
Concen: 49.284 ng/ul
RT: 19.743 min Scan# 3659
Delta R.T. -0.033 min
Lab File: BM043462.D
Acq: 20 Dec 2023 13:28

Tgt Ion:202 Resp: 3588
Ion Ratio Lower Upper
202 100
101 179.4 12.7 19.1#
100 1327.4 9.8 14.8#





#22

Chrysene

Concen: 0.232 ng/ul

RT: 21.696 min Scan# 41

Delta R.T. 0.123 min

Lab File: BM043462.D

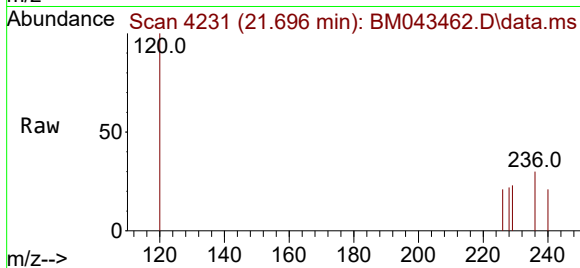
Acq: 20 Dec 2023 13:28

Instrument :

BNA_M

ClientSampleId :

H0AA2



Tgt Ion:228 Resp: 14

Ion Ratio Lower Upper

228 100

226 97.0 24.8 37.2#

229 104.0 15.7 23.5#

