

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
 Data File : BM043436.D
 Acq On : 19 Dec 2023 20:41
 Operator : MA/JU
 Sample : 05894-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BH3K2

Quant Time: Dec 19 23:37:05 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)

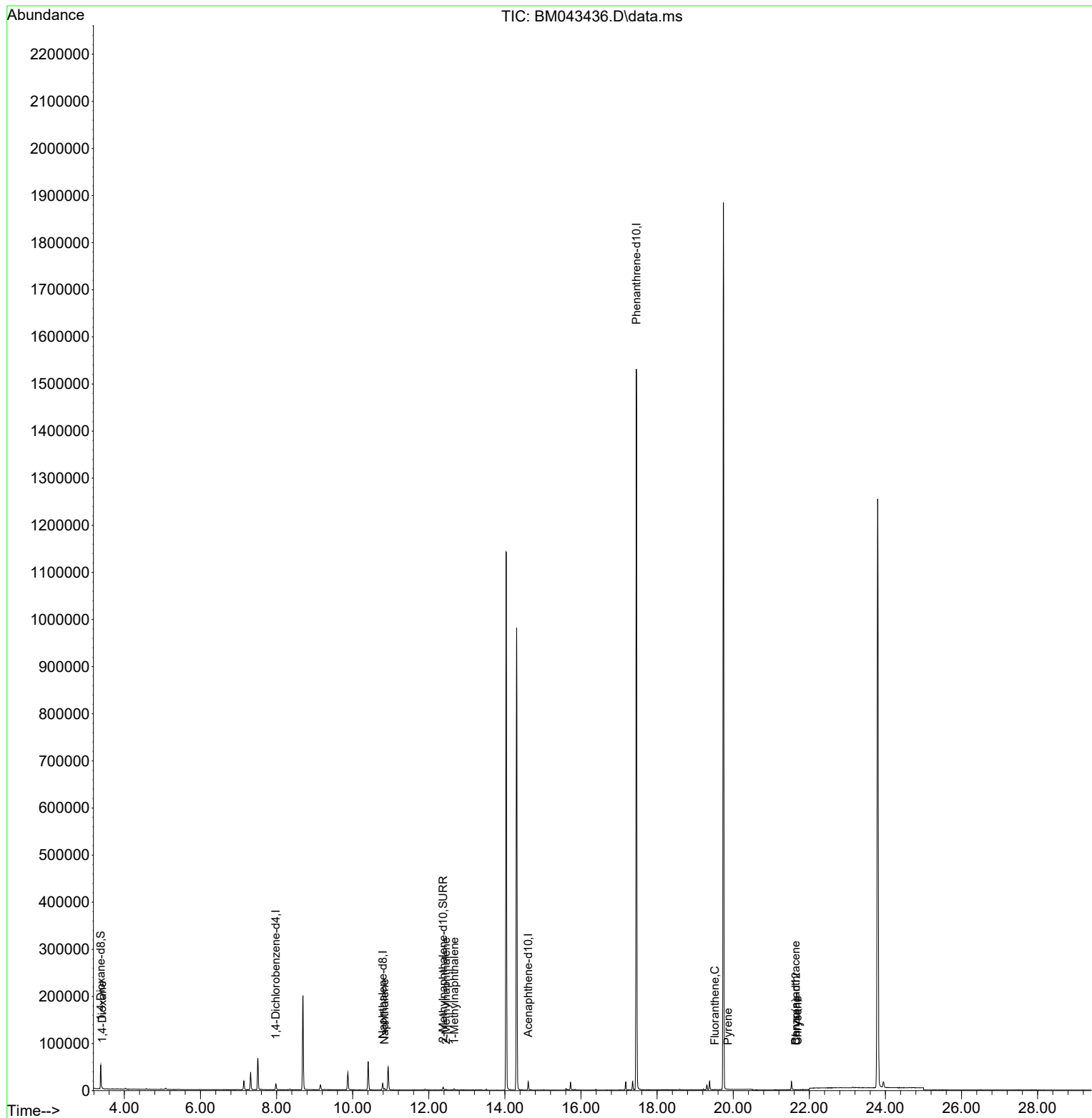
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	6008	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	18362	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	9783	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.455	188	1655425	0.400	ng/ul	# 0.10
17) Chrysene-d12	21.650	240	16	0.400	ng/ul	# 0.11
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-23.96
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	29367	3.869	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.379	152	7913	0.304	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	573	0.075	ng/ul#	24
5) Naphthalene	10.840	128	3996	0.072	ng/ul#	88
7) 2-Methylnaphthalene	12.451	142	1210	0.034	ng/ul	100
8) 1-Methylnaphthalene	12.671	142	1626	0.045	ng/ul	99
19) Fluoranthene	19.515	202	12	0.133	ng/ul#	1
20) Pyrene	19.863	202	142	1.585	ng/ul#	1
21) Benzo(a)anthracene	21.644	228	27	0.385	ng/ul#	1
22) Chrysene	21.694	228	26	0.351	ng/ul#	1

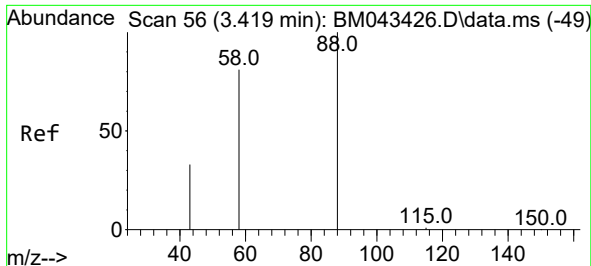
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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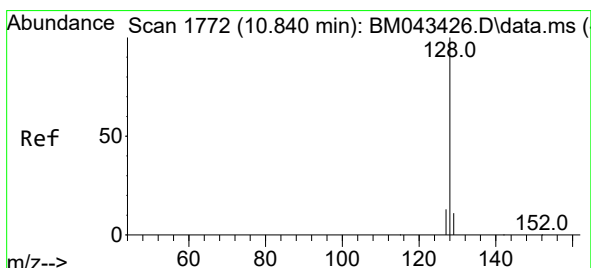
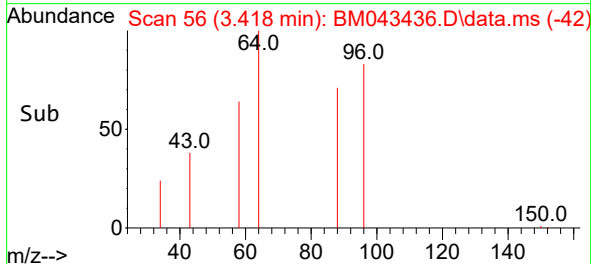
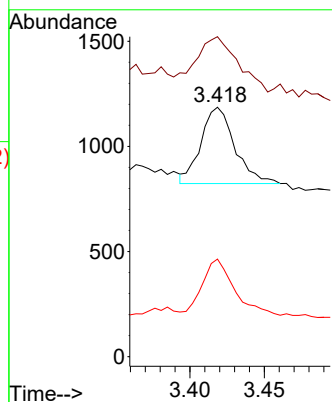
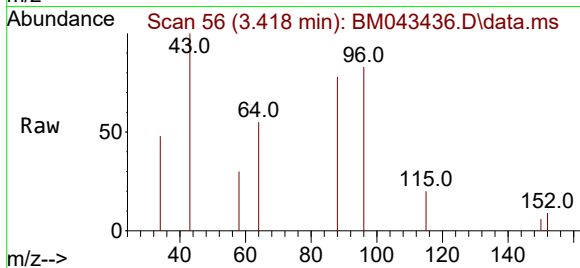




#2
1,4-Dioxane
Concen: 0.075 ng/ul
RT: 3.418 min Scan# 56
Delta R.T. -0.000 min
Lab File: BM043436.D
Acq: 19 Dec 2023 20:41

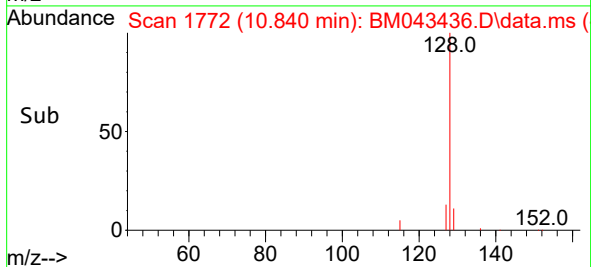
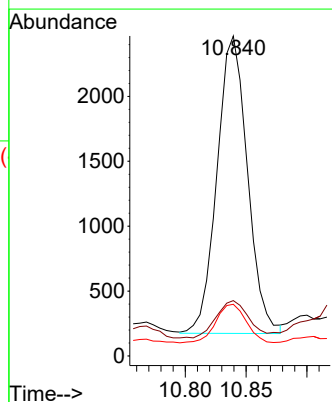
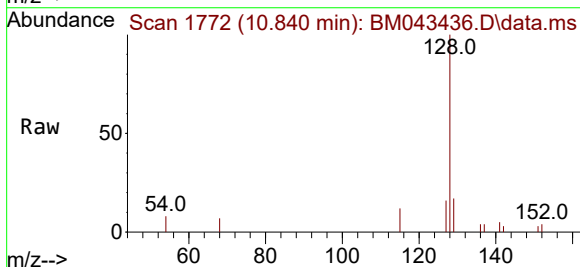
Instrument :
BNA_M
ClientSampleId :
BH3K2

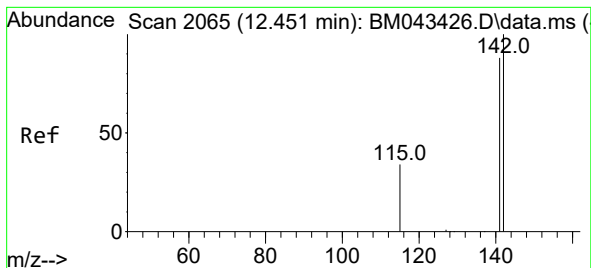
Tgt Ion: 88 Resp: 573
Ion Ratio Lower Upper
88 100
43 128.3 27.9 41.9#
58 39.1 43.4 65.2#



#5
Naphthalene
Concen: 0.072 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BM043436.D
Acq: 19 Dec 2023 20:41

Tgt Ion: 128 Resp: 3996
Ion Ratio Lower Upper
128 100
129 17.3 9.0 13.4#
127 16.1 10.3 15.5#





#7

2-Methylnaphthalene

Concen: 0.034 ng/ul

RT: 12.451 min Scan# 2065

Delta R.T. -0.000 min

Lab File: BM043436.D

Acq: 19 Dec 2023 20:41

Instrument :

BNA_M

ClientSampleId :

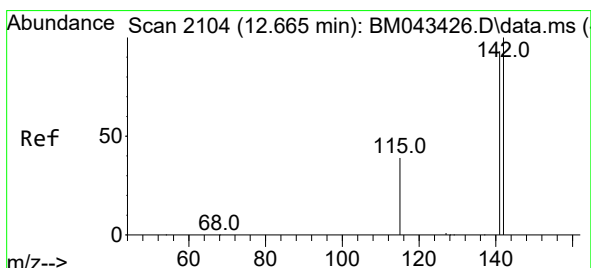
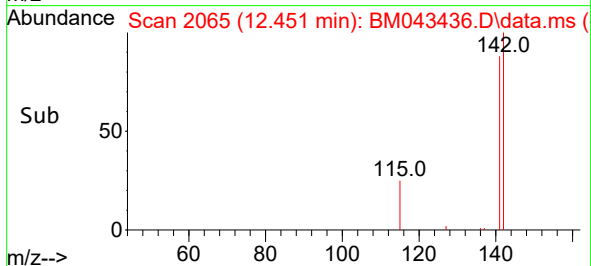
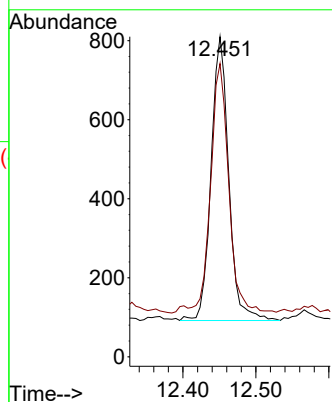
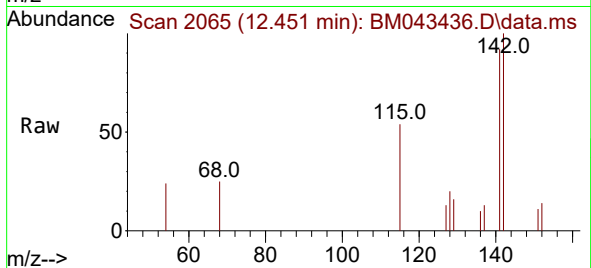
BH3K2

Tgt Ion:142 Resp: 1210

Ion Ratio Lower Upper

142 100

141 88.2 70.9 106.3



#8

1-Methylnaphthalene

Concen: 0.045 ng/ul

RT: 12.671 min Scan# 2105

Delta R.T. 0.005 min

Lab File: BM043436.D

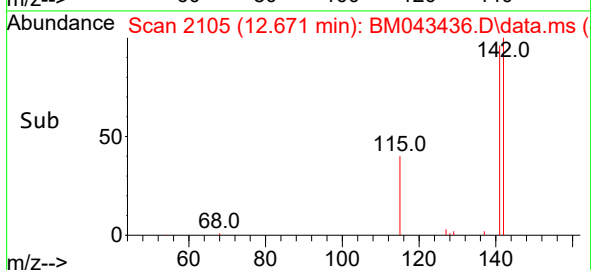
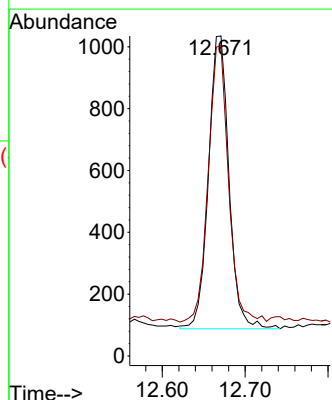
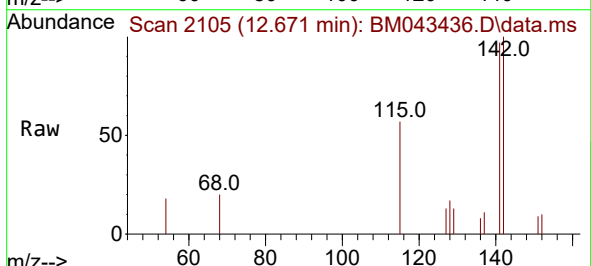
Acq: 19 Dec 2023 20:41

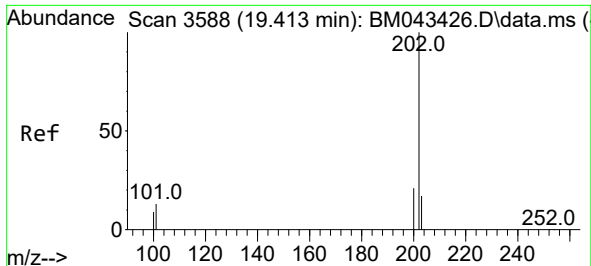
Tgt Ion:142 Resp: 1626

Ion Ratio Lower Upper

142 100

141 92.9 73.7 110.5

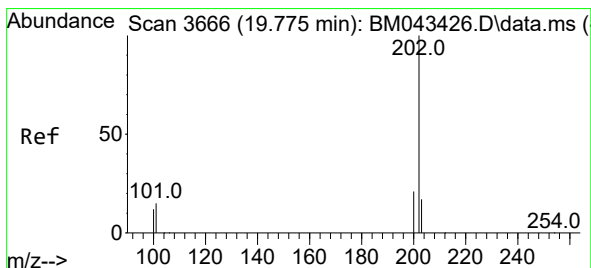
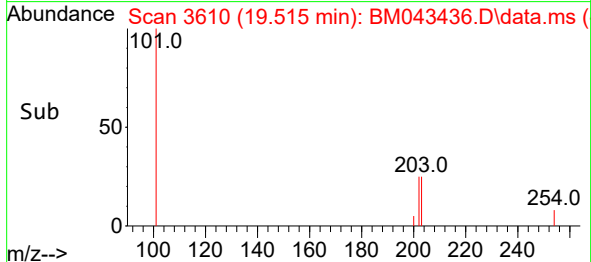
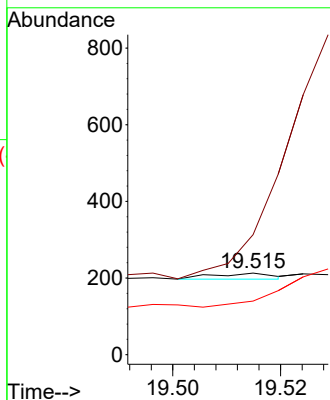
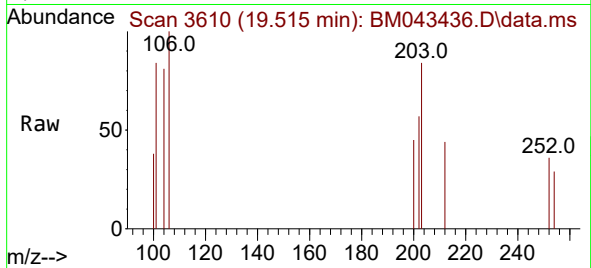




#19
Fluoranthene
Concen: 0.133 ng/ul
RT: 19.515 min Scan# 3610
Delta R.T. 0.102 min
Lab File: BM043436.D
Acq: 19 Dec 2023 20:41

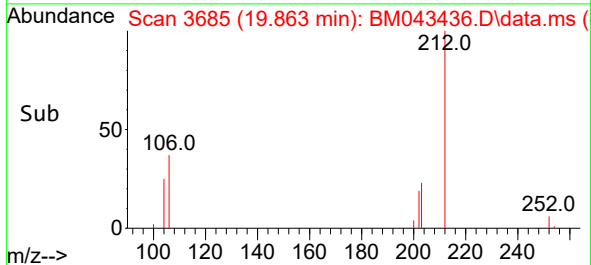
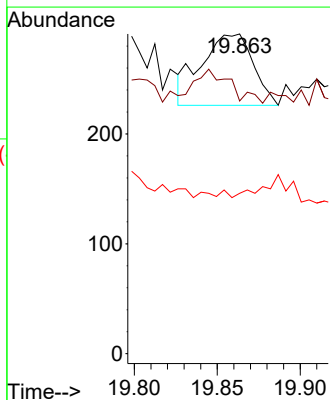
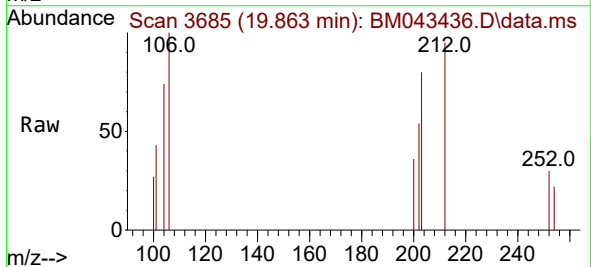
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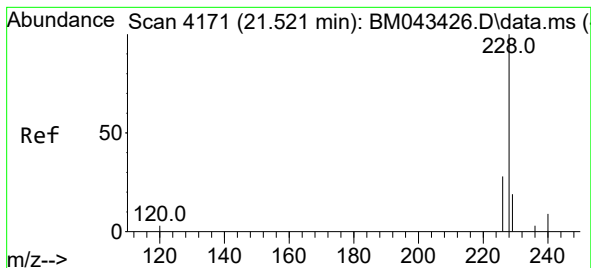
Tgt Ion:202 Resp: 12
Ion Ratio Lower Upper
202 100
101 146.9 10.1 15.1#
100 65.7 7.4 11.2#



#20
Pyrene
Concen: 1.585 ng/ul
RT: 19.863 min Scan# 3685
Delta R.T. 0.088 min
Lab File: BM043436.D
Acq: 19 Dec 2023 20:41

Tgt Ion:202 Resp: 142
Ion Ratio Lower Upper
202 100
101 79.0 12.7 19.1#
100 50.2 9.8 14.8#





#21

Benzo(a)anthracene

Concen: 0.385 ng/ul

RT: 21.644 min Scan# 41

Delta R.T. 0.123 min

Lab File: BM043436.D

Acq: 19 Dec 2023 20:41

Instrument :

BNA_M

ClientSampleId :

BH3K2

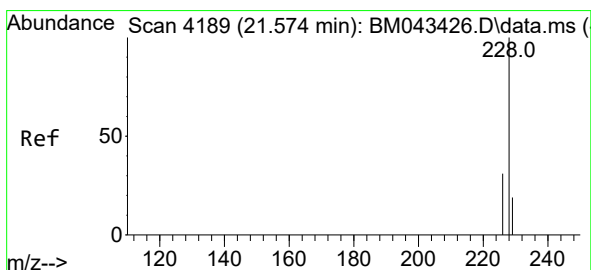
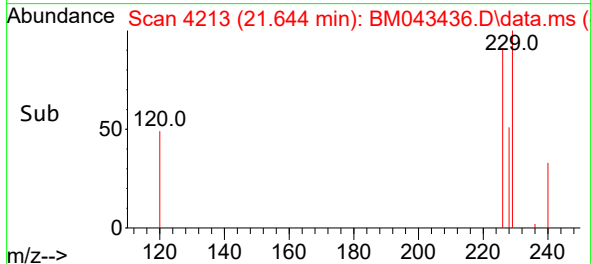
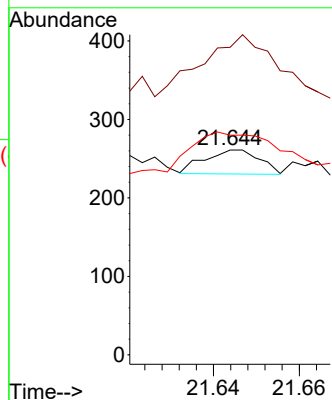
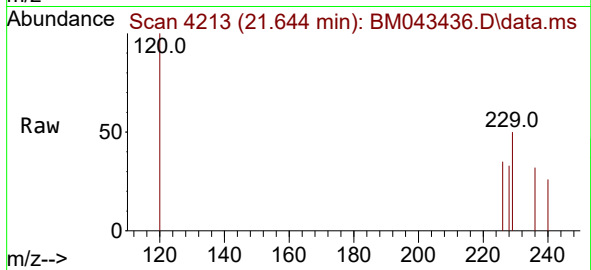
Tgt Ion:228 Resp: 27

Ion Ratio Lower Upper

228 100

229 150.2 15.5 23.3#

226 107.3 22.6 34.0#



#22

Chrysene

Concen: 0.351 ng/ul

RT: 21.694 min Scan# 4230

Delta R.T. 0.120 min

Lab File: BM043436.D

Acq: 19 Dec 2023 20:41

Tgt Ion:228 Resp: 26

Ion Ratio Lower Upper

228 100

226 98.8 24.8 37.2#

229 142.9 15.7 23.5#

