

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043155.D
 Acq On : 02 Dec 2023 12:11
 Operator : MA/JU
 Sample : 05439-16
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD8

Quant Time: Dec 02 23:17:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 02 23:09:32 2023
 Response via : Initial Calibration

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

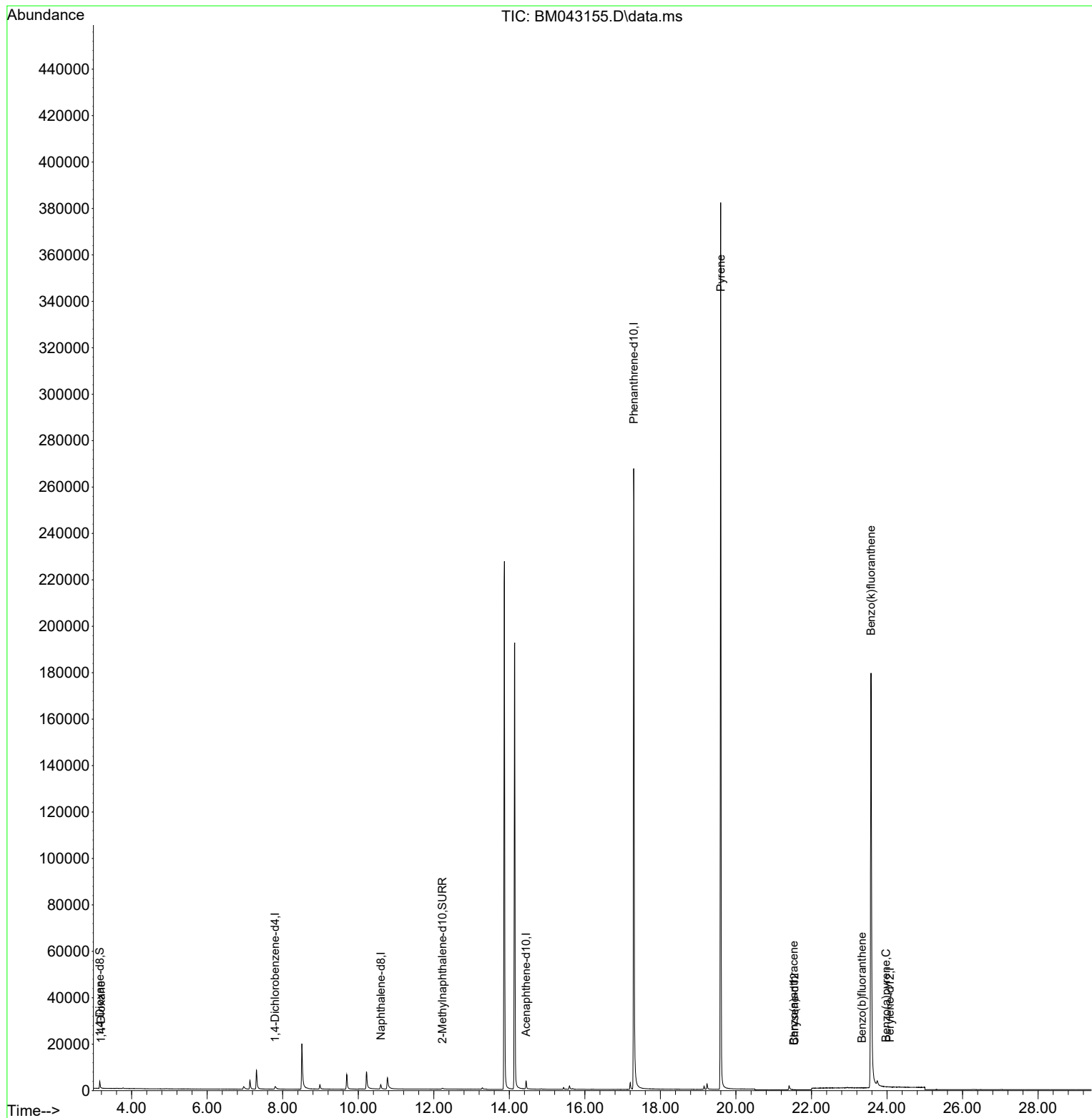
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	1094	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.596	136	3208	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.442	164	1900	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	334180	0.400	ng/ul	# 0.08
17) Chrysene-d12	21.549	240	35	0.400	ng/ul	# 0.15
23) Perylene-d12	24.074	264	33	0.400	ng/ul	# 0.32
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	2062	1.228	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	1041	0.243	ng/ul	0.00
18) Fluoranthene-d10	0.000	212	0	0.000	ng/ul	
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.193	88	63	0.035	ng/ul#	84
20) Pyrene	19.597	202	816	3.867	ng/ul#	1
21) Benzo(a)anthracene	21.531	228	6	0.053	ng/ul#	1
24) Benzo(b)fluoranthene	23.338	252	6	0.054	ng/ul#	1
25) Benzo(k)fluoranthene	23.574	252	760	4.955	ng/ul#	49
26) Benzo(a)pyrene	23.972	252	6	0.049	ng/ul#	1

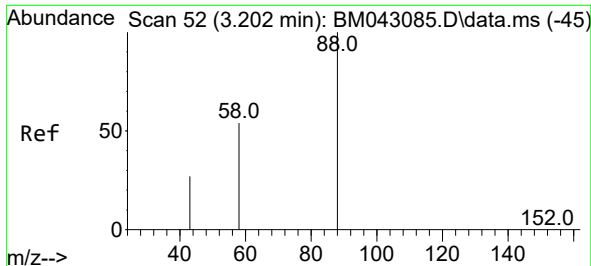
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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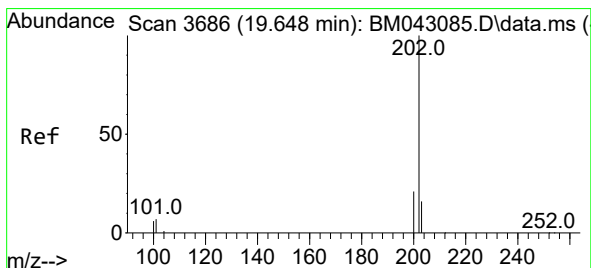
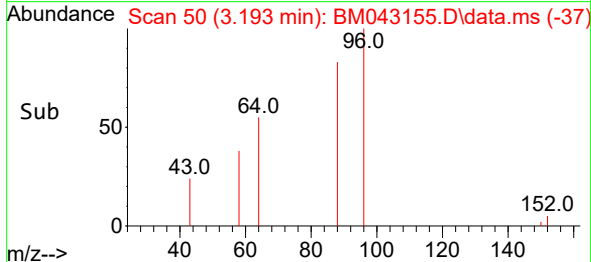
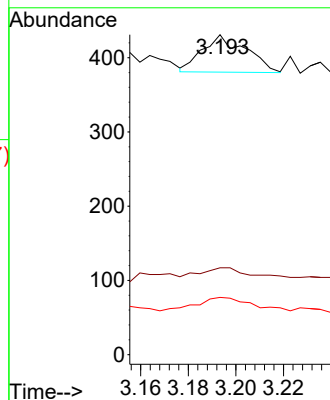
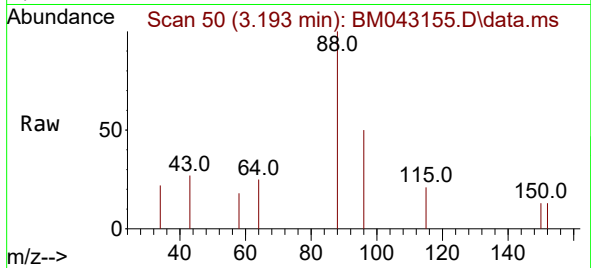




#2
1,4-Dioxane
Concen: 0.035 ng/ul
RT: 3.193 min Scan# 50
Delta R.T. -0.004 min
Lab File: BM043155.D
Acq: 02 Dec 2023 12:11

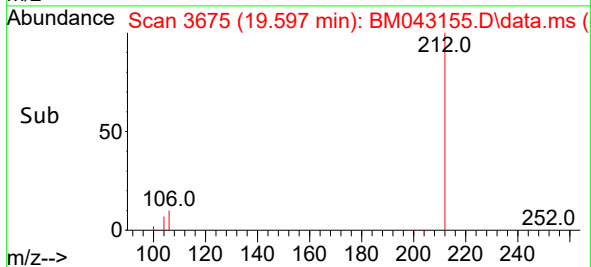
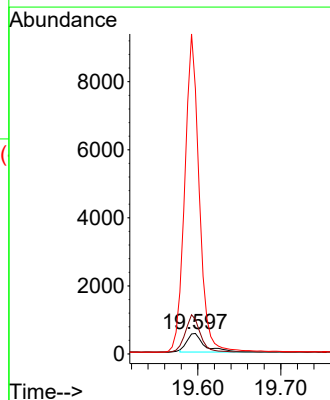
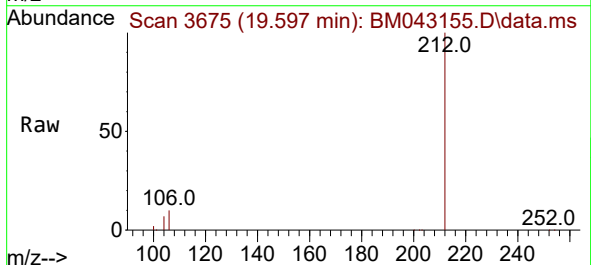
Instrument :
BNA_M
ClientSampleId :
C0AD8

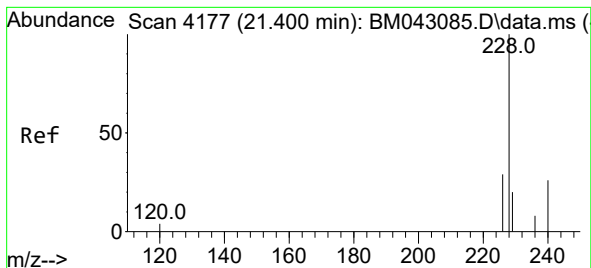
Tgt Ion: 88 Resp: 63
Ion Ratio Lower Upper
88 100
43 27.1 22.8 34.2
58 17.9 26.8 40.2#



#20
Pyrene
Concen: 3.867 ng/ul
RT: 19.597 min Scan# 3675
Delta R.T. -0.042 min
Lab File: BM043155.D
Acq: 02 Dec 2023 12:11

Tgt Ion: 202 Resp: 816
Ion Ratio Lower Upper
202 100
101 169.1 8.7 13.1#
100 1296.2 7.8 11.8#





#21

Benzo(a)anthracene

Concen: 0.053 ng/ul

RT: 21.531 min Scan# 41

Delta R.T. 0.143 min

Lab File: BM043155.D

Acq: 02 Dec 2023 12:11

Instrument :

BNA_M

ClientSampleId :

C0AD8

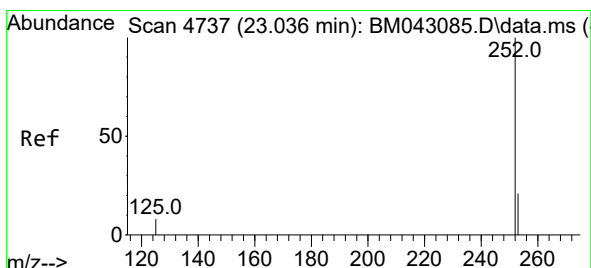
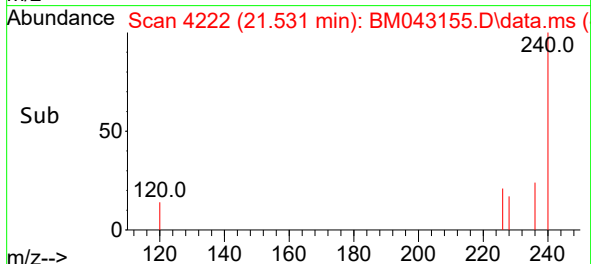
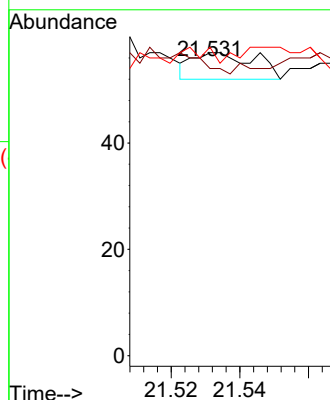
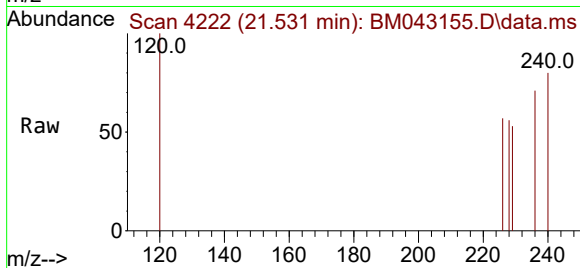
Tgt Ion:228 Resp: 6

Ion Ratio Lower Upper

228 100

229 94.7 19.4 29.0#

226 101.8 24.9 37.3#



#24

Benzo(b)fluoranthene

Concen: 0.054 ng/ul

RT: 23.338 min Scan# 4840

Delta R.T. 0.310 min

Lab File: BM043155.D

Acq: 02 Dec 2023 12:11

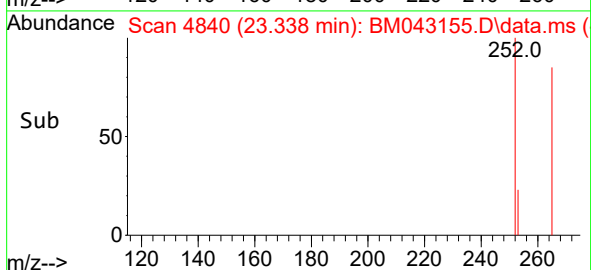
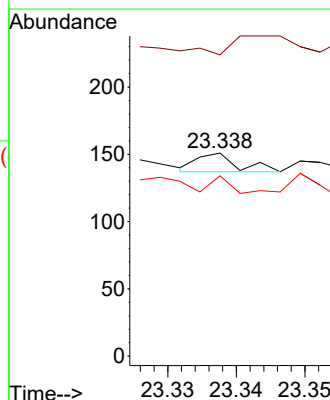
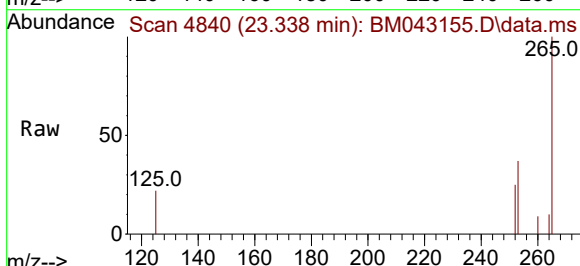
Tgt Ion:252 Resp: 6

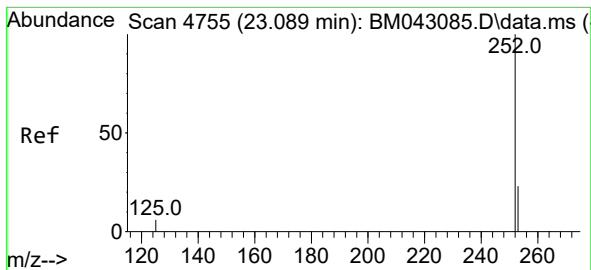
Ion Ratio Lower Upper

252 100

253 148.3 0.0 71.8#

125 88.7 0.0 29.0#





#25

Benzo(k)fluoranthene

Concen: 4.955 ng/ul

RT: 23.574 min Scan# 4921

Delta R.T. 0.497 min

Lab File: BM043155.D

Acq: 02 Dec 2023 12:11

Instrument :

BNA_M

ClientSampleId :

C0AD8

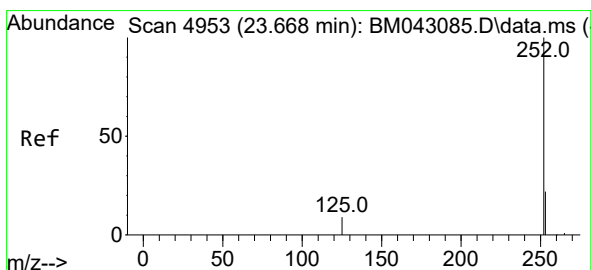
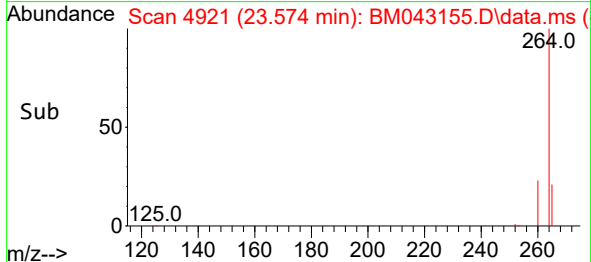
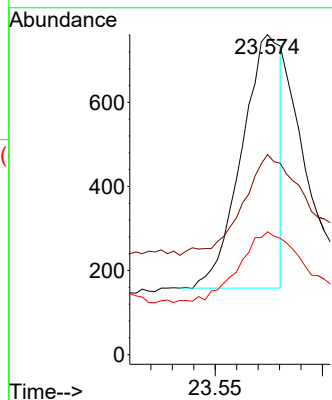
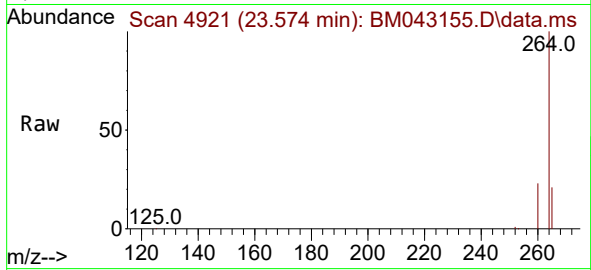
Tgt Ion:252 Resp: 760

Ion Ratio Lower Upper

252 100

253 62.5 28.2 42.2#

125 38.4 11.0 16.6#



#26

Benzo(a)pyrene

Concen: 0.049 ng/ul

RT: 23.972 min Scan# 5057

Delta R.T. 0.322 min

Lab File: BM043155.D

Acq: 02 Dec 2023 12:11

Tgt Ion:252 Resp: 6

Ion Ratio Lower Upper

252 100

253 157.6 36.6 55.0#

125 88.6 16.2 24.4#

