

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101024\
 Data File : BM047990.D
 Acq On : 10 Oct 2024 22:25
 Operator : RC/JU
 Sample : P4187-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 10 23:45:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 10 18:01:13 2024
 Response via : Initial Calibration

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

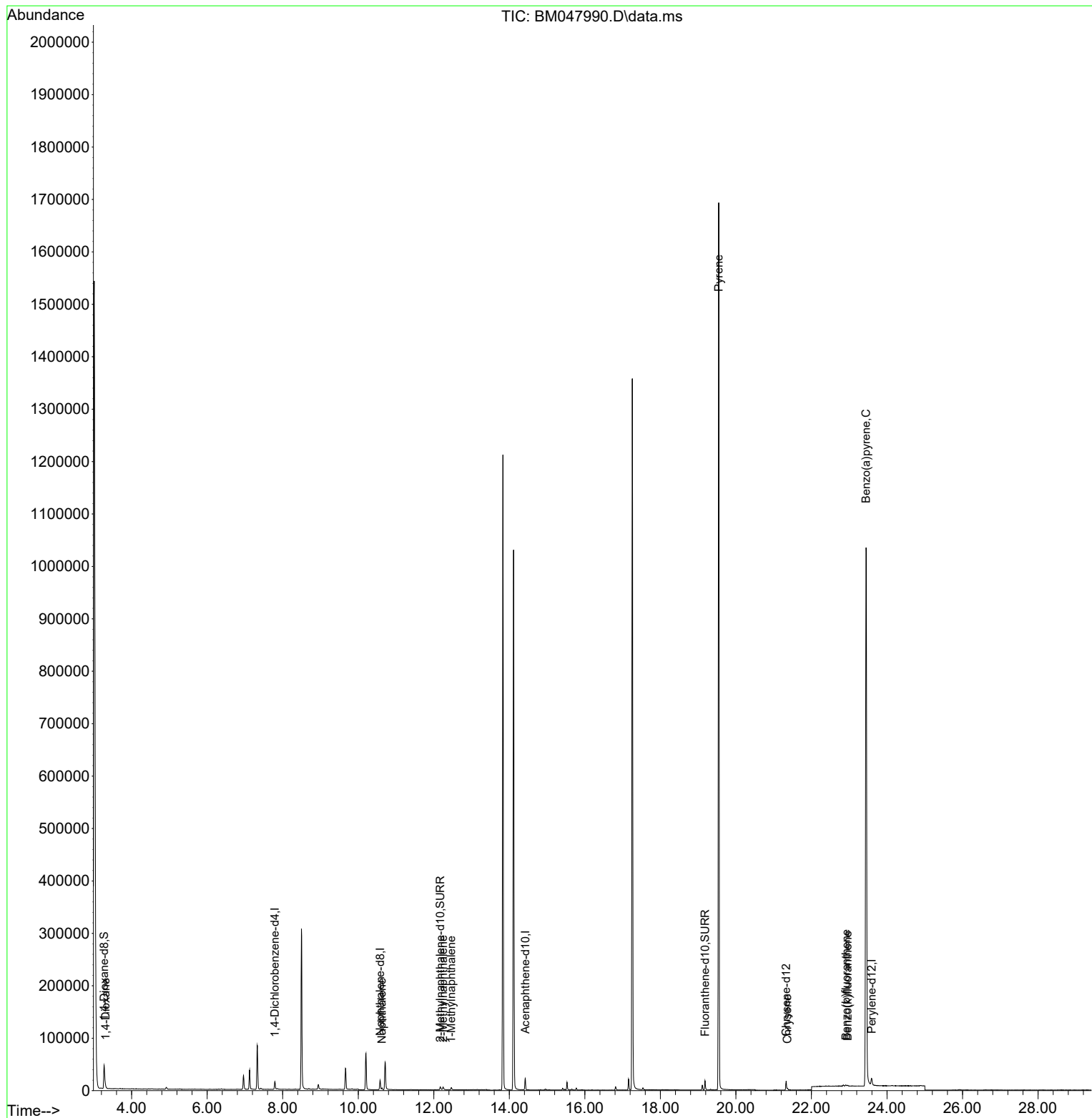
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	8086	0.400	ng/ul	0.00
4) Naphthalene-d8	10.578	136	24757	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.422	164	12516	0.400	ng/ul	0.00
13) Phenanthrene-d10	0.000	188	0	0.000	ng/ul	-17.16
17) Chrysene-d12	21.330	240	18986	0.400	ng/ul	0.00
23) Perylene-d12	23.593	264	24280	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.273	96	42744	4.114	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	8856	0.268	ng/ul	0.00
18) Fluoranthene-d10	19.182	212	19792	0.340	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.307	88	1450	0.117	ng/ul#	65
5) Naphthalene	10.627	128	4515	0.067	ng/ul#	89
7) 2-Methylnaphthalene	12.244	142	4762	0.118	ng/ul	99
8) 1-Methylnaphthalene	12.464	142	3137	0.074	ng/ul	98
20) Pyrene	19.545	202	3329	0.039	ng/ul#	1
22) Chrysene	21.365	228	2212	0.026	ng/ul#	87
24) Benzo(b)fluoranthene	22.911	252	3130	0.030	ng/ul#	21
25) Benzo(k)fluoranthene	22.958	252	2131	0.020	ng/ul#	6
26) Benzo(a)pyrene	23.446	252	6054	0.073	ng/ul#	57

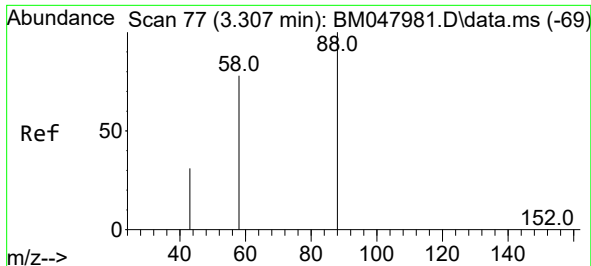
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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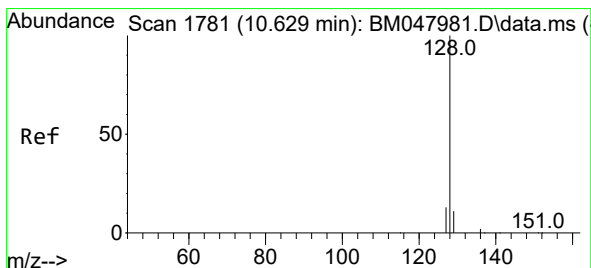
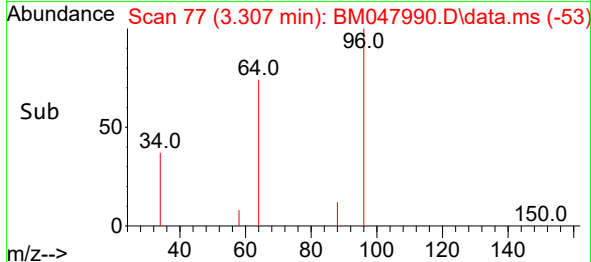
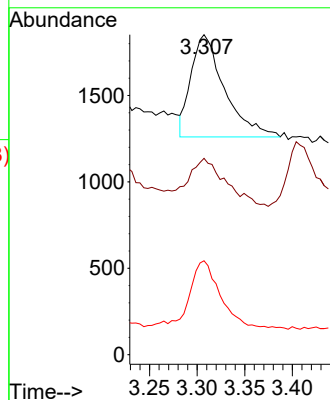
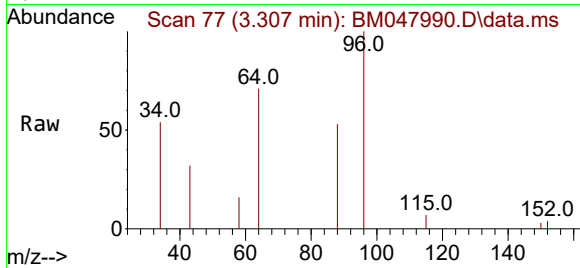




#2
1,4-Dioxane
Concen: 0.117 ng/ul
RT: 3.307 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM047990.D
Acq: 10 Oct 2024 22:25

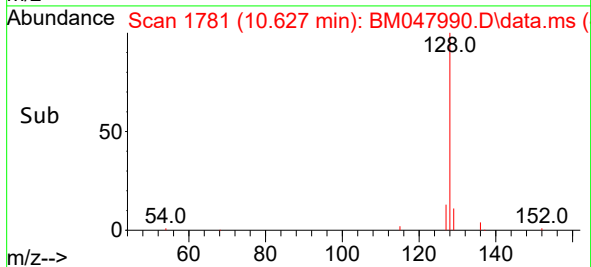
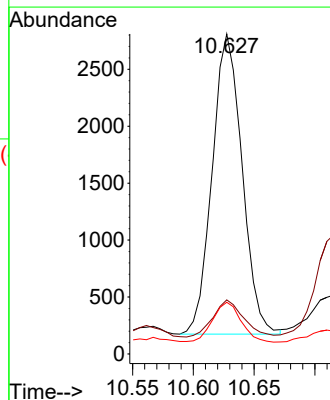
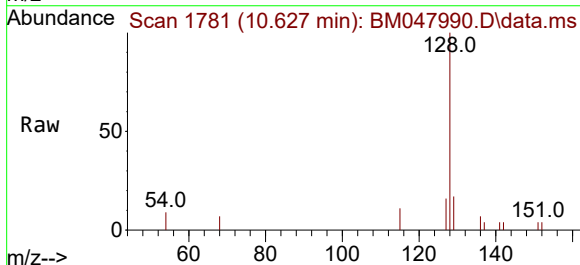
Instrument :
BNA_M
ClientSampleId :

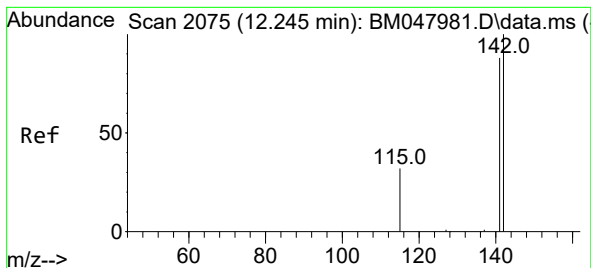
Tgt Ion: 88 Resp: 1450
Ion Ratio Lower Upper
88 100
43 61.3 30.9 46.3#
58 29.3 42.5 63.7#



#5
Naphthalene
Concen: 0.067 ng/ul
RT: 10.627 min Scan# 1781
Delta R.T. -0.001 min
Lab File: BM047990.D
Acq: 10 Oct 2024 22:25

Tgt Ion: 128 Resp: 4515
Ion Ratio Lower Upper
128 100
129 16.9 9.2 13.8#
127 16.2 10.4 15.6#

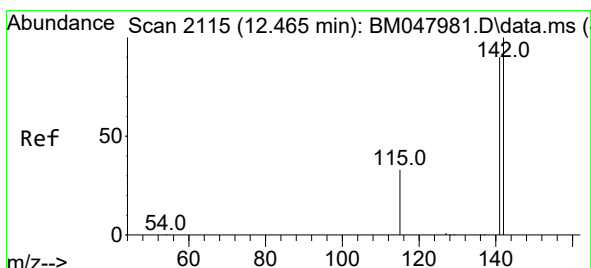
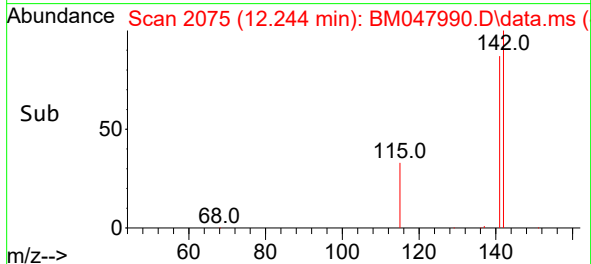
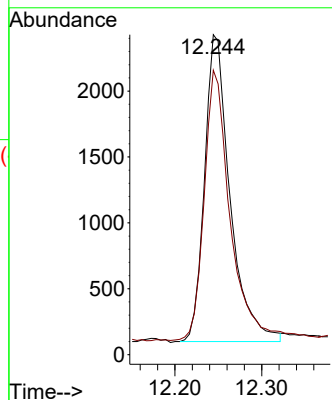
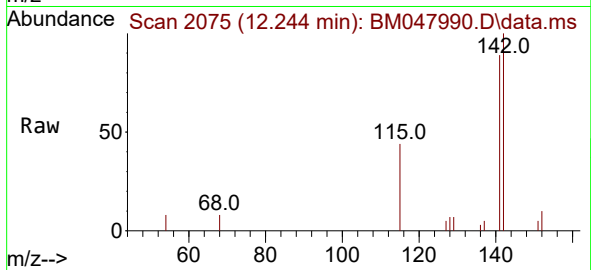




#7
2-Methylnaphthalene
Concen: 0.118 ng/ul
RT: 12.244 min Scan# 2075
Delta R.T. -0.001 min
Lab File: BM047990.D
Acq: 10 Oct 2024 22:25

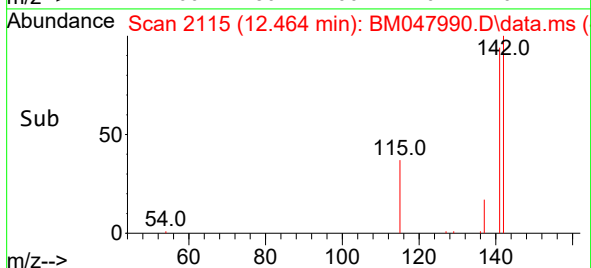
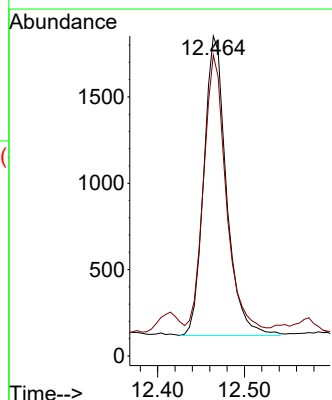
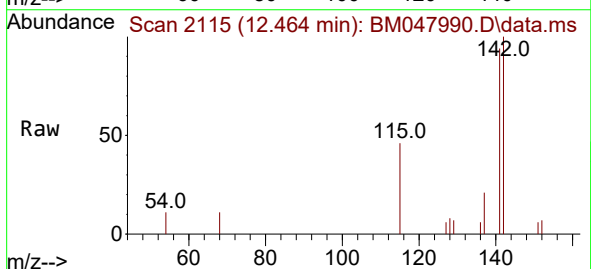
Instrument :
BNA_M
ClientSampleId :

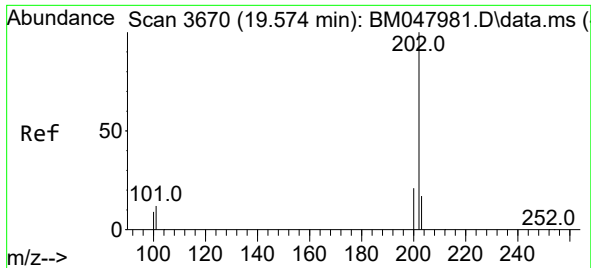
Tgt Ion:142 Resp: 4762
Ion Ratio Lower Upper
142 100
141 88.7 70.5 105.7



#8
1-Methylnaphthalene
Concen: 0.074 ng/ul
RT: 12.464 min Scan# 2115
Delta R.T. -0.001 min
Lab File: BM047990.D
Acq: 10 Oct 2024 22:25

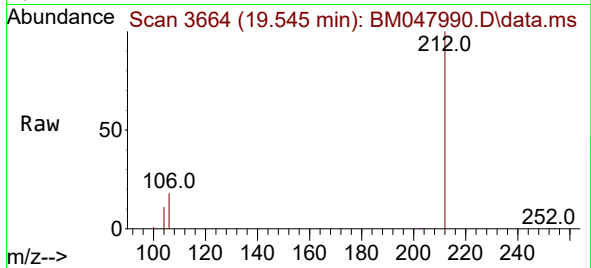
Tgt Ion:142 Resp: 3137
Ion Ratio Lower Upper
142 100
141 89.5 72.9 109.3



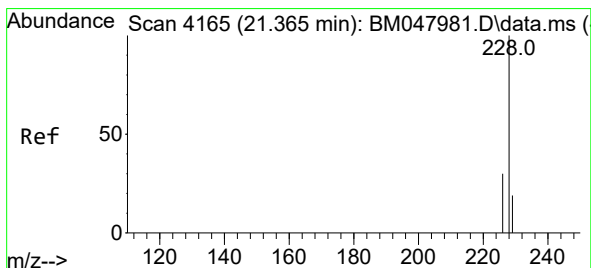
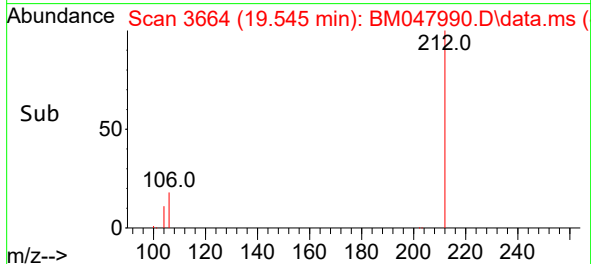
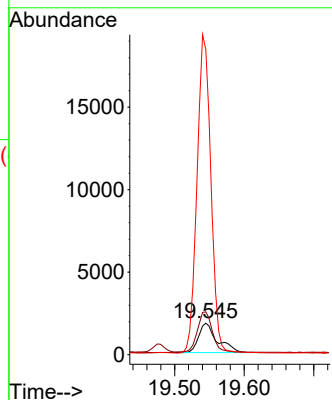


#20
Pyrene
Concen: 0.039 ng/ul
RT: 19.545 min Scan# 3664
Delta R.T. -0.029 min
Lab File: BM047990.D
Acq: 10 Oct 2024 22:25

Instrument :
BNA_M
ClientSampleId :

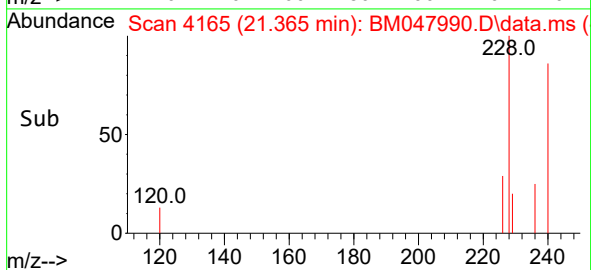
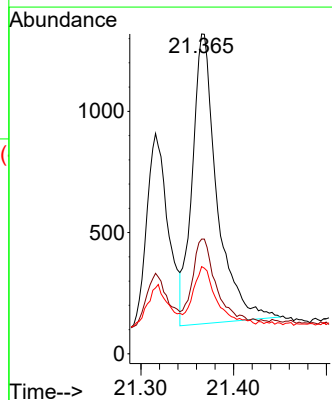
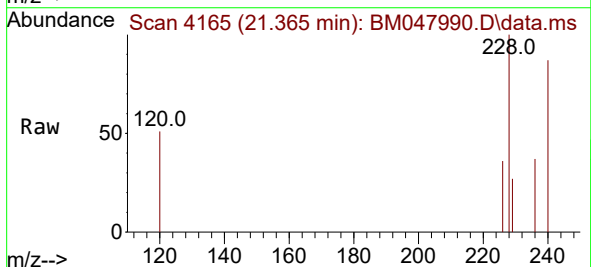


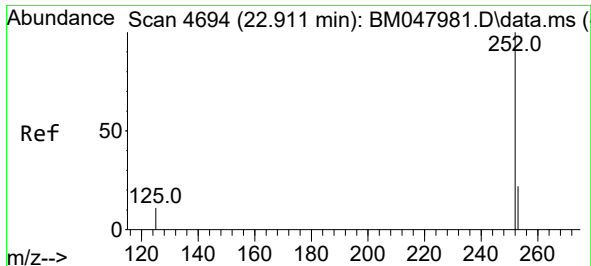
Tgt Ion:202 Resp: 3329
Ion Ratio Lower Upper
202 100
101 135.6 10.7 16.1#
100 966.8 8.2 12.2#



#22
Chrysene
Concen: 0.026 ng/ul
RT: 21.365 min Scan# 4165
Delta R.T. 0.001 min
Lab File: BM047990.D
Acq: 10 Oct 2024 22:25

Tgt Ion:228 Resp: 2212
Ion Ratio Lower Upper
228 100
226 35.9 24.4 36.6
229 27.3 15.7 23.5#

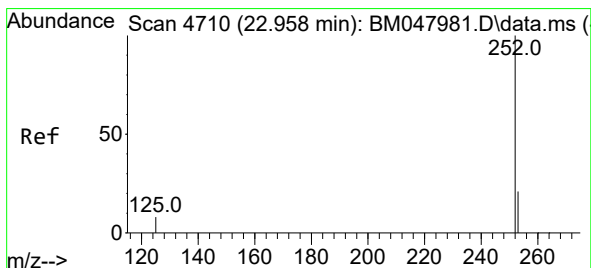
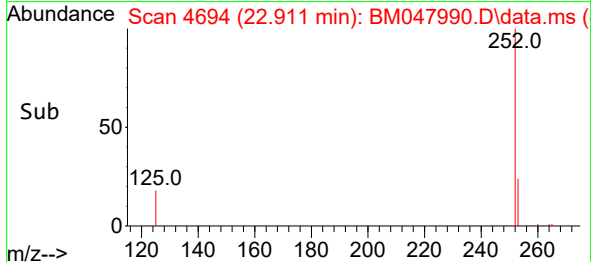
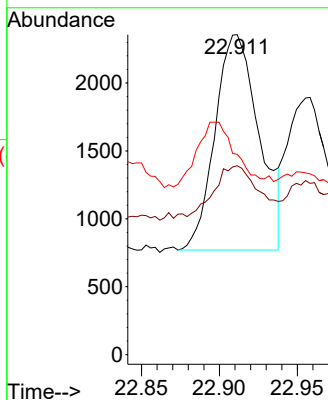
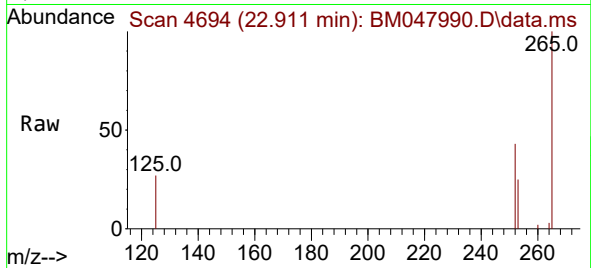




#24
Benzo(b)fluoranthene
Concen: 0.030 ng/ul
RT: 22.911 min Scan# 4694
Delta R.T. 0.001 min
Lab File: BM047990.D
Acq: 10 Oct 2024 22:25

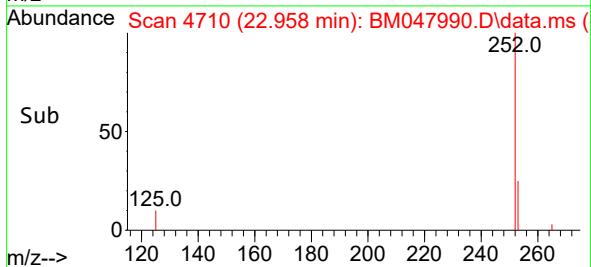
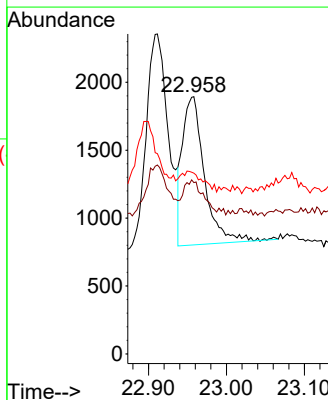
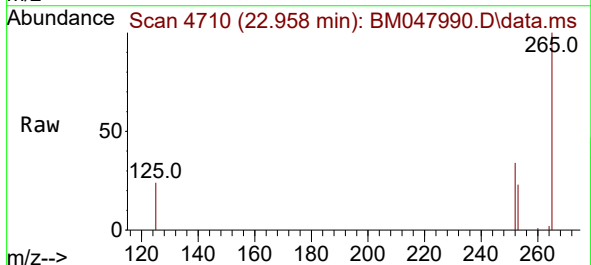
Instrument :
BNA_M
ClientSampleId :

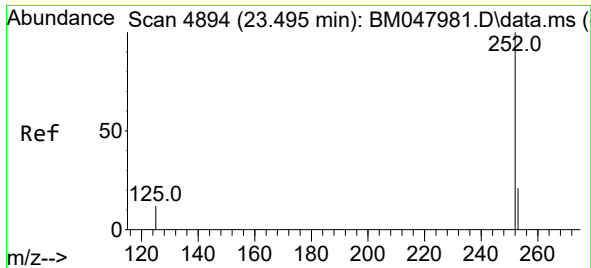
Tgt Ion:252 Resp: 3130
Ion Ratio Lower Upper
252 100
253 59.0 0.0 52.4#
125 62.6 0.0 36.4#



#25
Benzo(k)fluoranthene
Concen: 0.020 ng/ul
RT: 22.958 min Scan# 4710
Delta R.T. 0.001 min
Lab File: BM047990.D
Acq: 10 Oct 2024 22:25

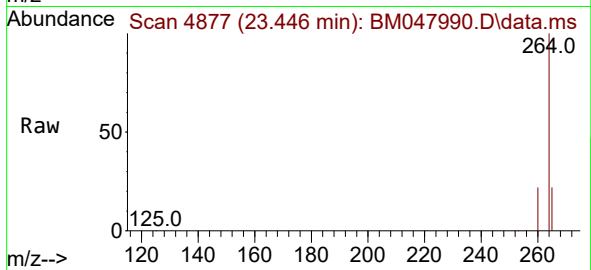
Tgt Ion:252 Resp: 2131
Ion Ratio Lower Upper
252 100
253 66.6 21.0 31.6#
125 70.3 14.6 21.8#





#26
Benzo(a)pyrene
Concen: 0.073 ng/ul
RT: 23.446 min Scan# 41
Delta R.T. -0.049 min
Lab File: BM047990.D
Acq: 10 Oct 2024 22:25

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:252 Resp: 6054
Ion Ratio Lower Upper
252 100
253 47.9 23.0 34.4#
125 48.2 18.8 28.2#

