

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
 Data File : BM039889.D
 Acq On : 09 May 2023 12:10
 Operator : CG/JU
 Sample : 02619-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFZE1

Quant Time: May 10 00:26:29 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 12:11:48 2023
 Response via : Initial Calibration

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

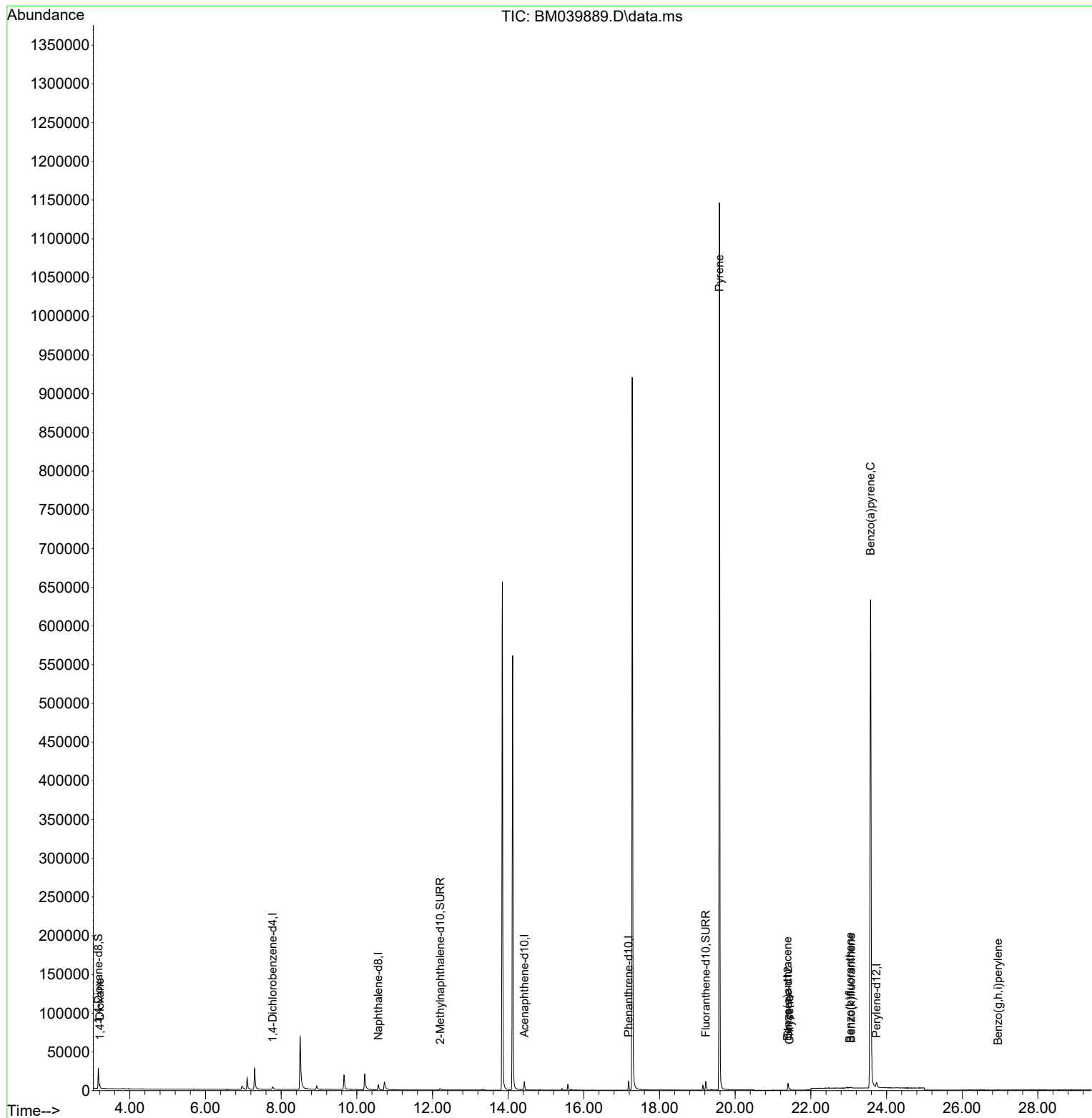
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2658	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.568	136	9970	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.428	164	5799	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.183	188	13297	0.400	ng/ul	-0.01
17) Chrysene-d12	21.396	240	10544	0.400	ng/ul	0.00
23) Perylene-d12	23.735	264	10429	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	15588	3.979	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	4527	0.354	ng/ul	0.01
18) Fluoranthene-d10	19.225	212	13051	0.460	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.205	88	2700	0.665	ng/ul#	57
20) Pyrene	19.583	202	2344	0.058	ng/ul#	1
21) Benzo(a)anthracene	21.388	228	741	0.024	ng/ul#	71
22) Chrysene	21.434	228	1176	0.034	ng/ul#	84
24) Benzo(b)fluoranthene	23.024	252	1595	0.044	ng/ul#	30
25) Benzo(k)fluoranthene	23.068	252	1396	0.037	ng/ul#	22
26) Benzo(a)pyrene	23.577	252	3657	0.111	ng/ul#	53
29) Benzo(g,h,i)perylene	26.949	276	729	0.020	ng/ul#	28

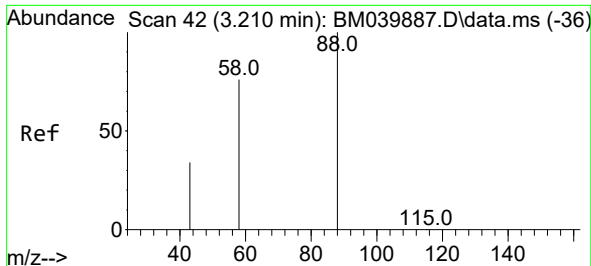
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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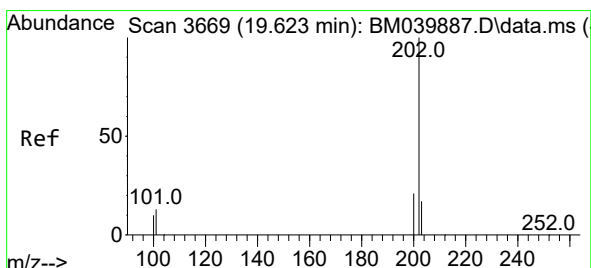
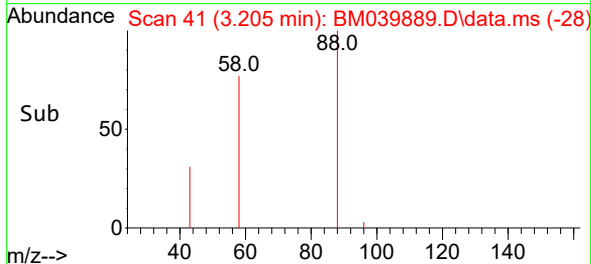
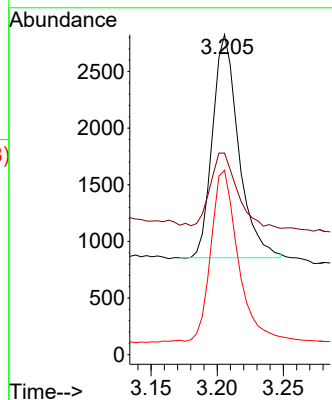
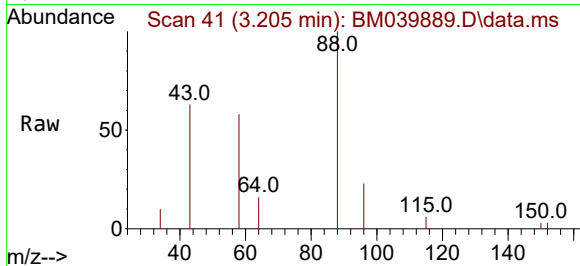




#2
1,4-Dioxane
Concen: 0.665 ng/ul
RT: 3.205 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM039889.D
Acq: 09 May 2023 12:10

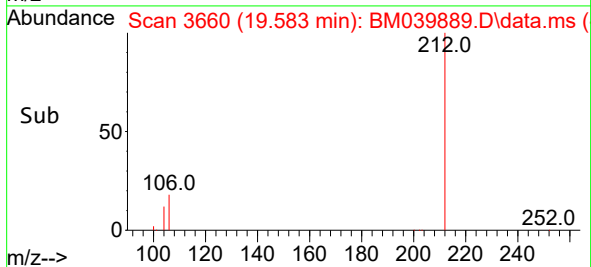
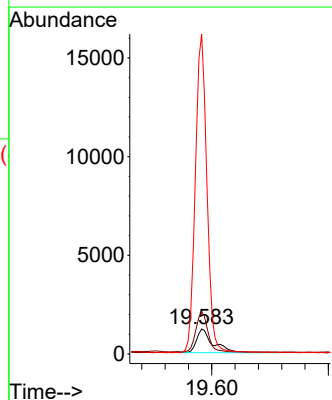
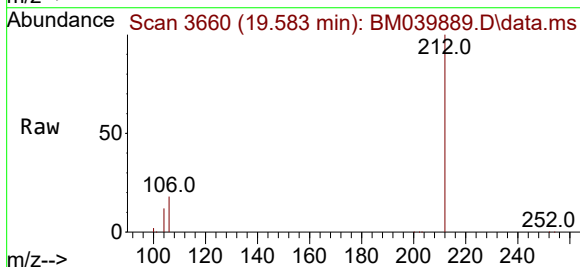
Instrument :
BNA_M
ClientSampleId :
BFZE1

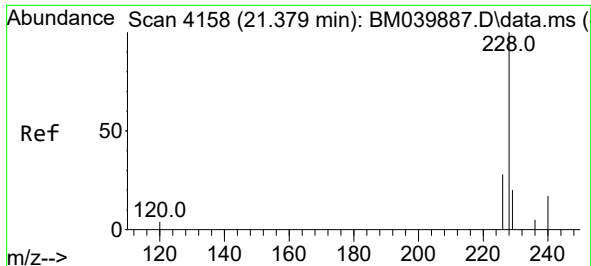
Tgt Ion: 88 Resp: 2700
Ion Ratio Lower Upper
88 100
43 63.0 102.6 153.8#
58 57.7 40.6 61.0



#20
Pyrene
Concen: 0.058 ng/ul
RT: 19.583 min Scan# 3660
Delta R.T. -0.040 min
Lab File: BM039889.D
Acq: 09 May 2023 12:10

Tgt Ion: 202 Resp: 2344
Ion Ratio Lower Upper
202 100
101 169.4 10.9 16.3#
100 1279.9 8.9 13.3#

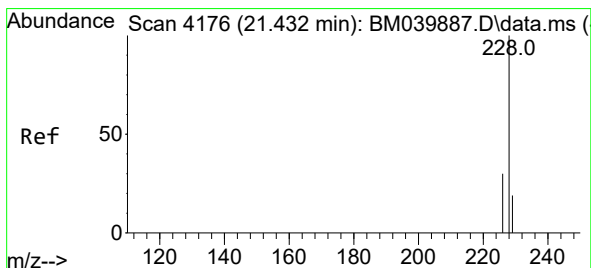
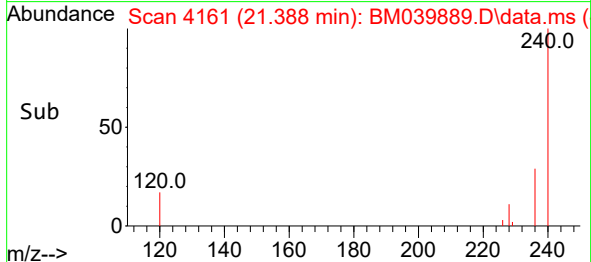
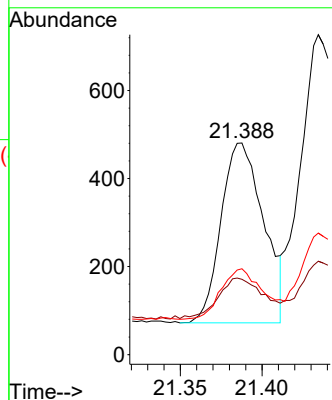
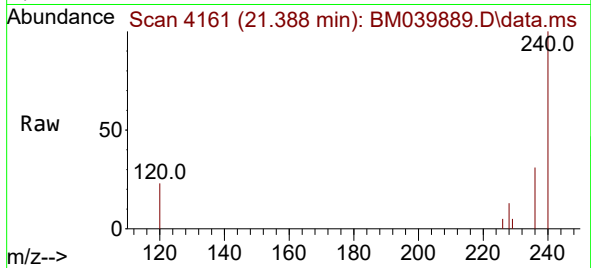




#21
Benzo(a)anthracene
Concen: 0.024 ng/ul
RT: 21.388 min Scan# 4158
Delta R.T. 0.008 min
Lab File: BM039889.D
Acq: 09 May 2023 12:10

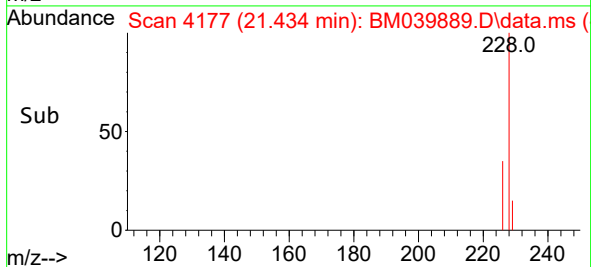
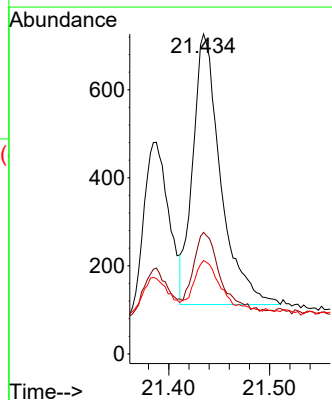
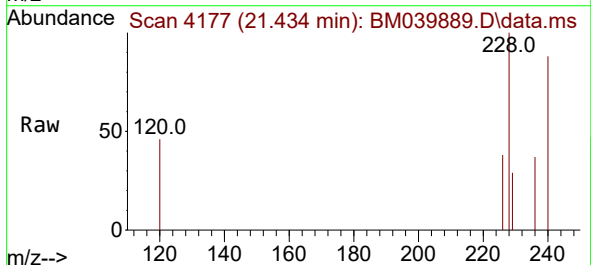
Instrument :
BNA_M
ClientSampleId :
BFZE1

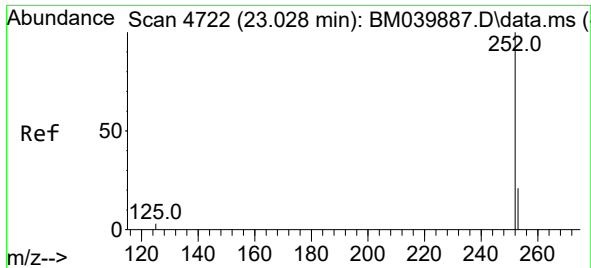
Tgt Ion:228 Resp: 741
Ion Ratio Lower Upper
228 100
229 35.6 16.2 24.2#
226 40.5 21.6 32.4#



#22
Chrysene
Concen: 0.034 ng/ul
RT: 21.434 min Scan# 4177
Delta R.T. 0.003 min
Lab File: BM039889.D
Acq: 09 May 2023 12:10

Tgt Ion:228 Resp: 1176
Ion Ratio Lower Upper
228 100
226 38.0 24.3 36.5#
229 29.2 15.9 23.9#

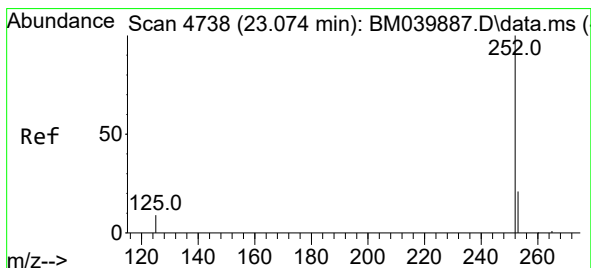
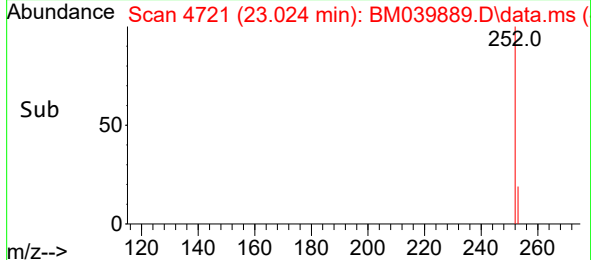
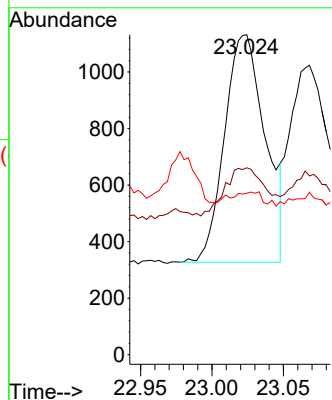
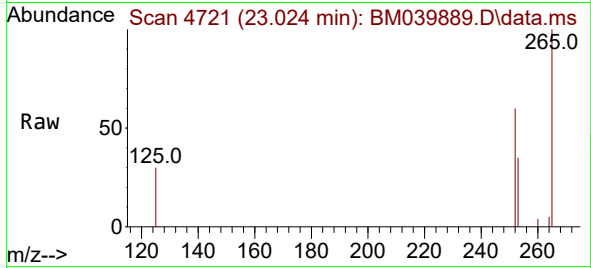




#24
Benzo(b)fluoranthene
Concen: 0.044 ng/ul
RT: 23.024 min Scan# 4722
Delta R.T. -0.003 min
Lab File: BM039889.D
Acq: 09 May 2023 12:10

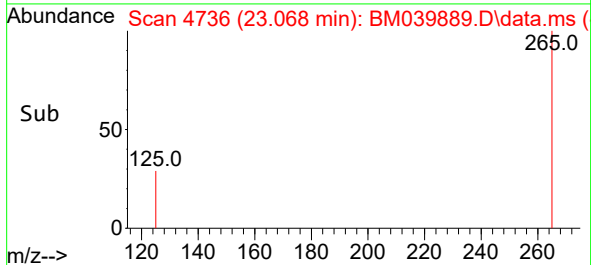
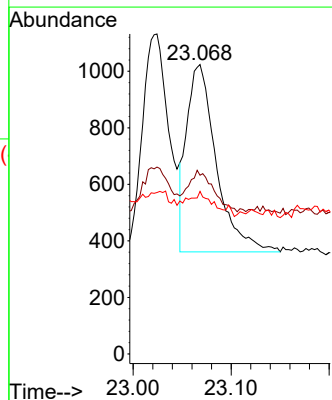
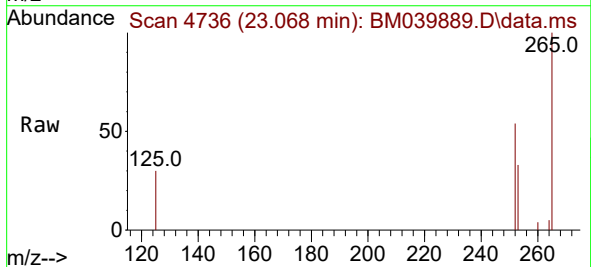
Instrument :
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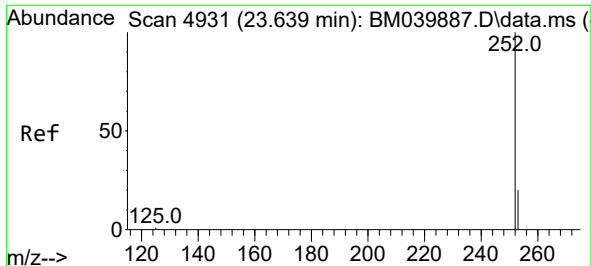
Tgt Ion:252 Resp: 1595
Ion Ratio Lower Upper
252 100
253 58.4 0.0 52.8#
125 50.4 0.0 31.6#



#25
Benzo(k)fluoranthene
Concen: 0.037 ng/ul
RT: 23.068 min Scan# 4736
Delta R.T. -0.006 min
Lab File: BM039889.D
Acq: 09 May 2023 12:10

Tgt Ion:252 Resp: 1396
Ion Ratio Lower Upper
252 100
253 61.7 21.3 31.9#
125 56.2 13.0 19.6#

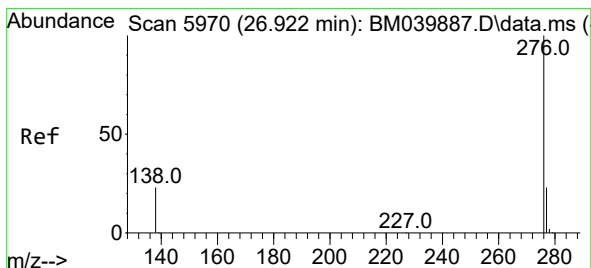
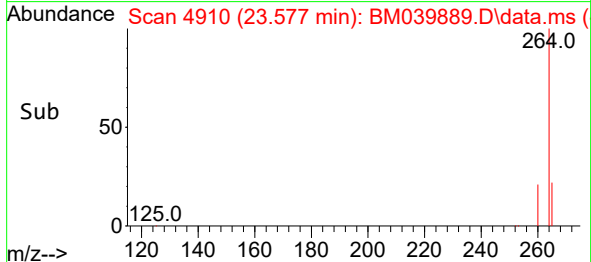
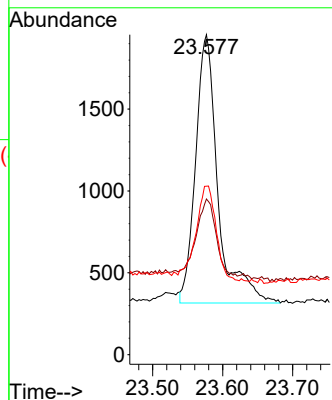
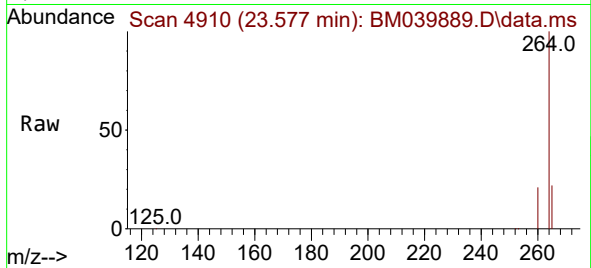




#26
Benzo(a)pyrene
Concen: 0.111 ng/ul
RT: 23.577 min Scan# 4931
Delta R.T. -0.062 min
Lab File: BM039889.D
Acq: 09 May 2023 12:10

Instrument :
BNA_M
ClientSampleId :
BFZE1

Tgt Ion:252 Resp: 3657
Ion Ratio Lower Upper
252 100
253 48.6 24.7 37.1#
125 52.6 16.5 24.7#



#29
Benzo(g,h,i)perylene
Concen: 0.020 ng/ul
RT: 26.949 min Scan# 5978
Delta R.T. 0.026 min
Lab File: BM039889.D
Acq: 09 May 2023 12:10

Tgt Ion:276 Resp: 729
Ion Ratio Lower Upper
276 100
138 65.3 20.1 30.1#
277 57.7 20.1 30.1#

