

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040626.D
 Acq On : 04 Jul 2023 23:59
 Operator : MA/JU
 Sample : 03244-20DL 5X
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 05 02:43:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 13:40:38 2023
 Response via : Initial Calibration

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

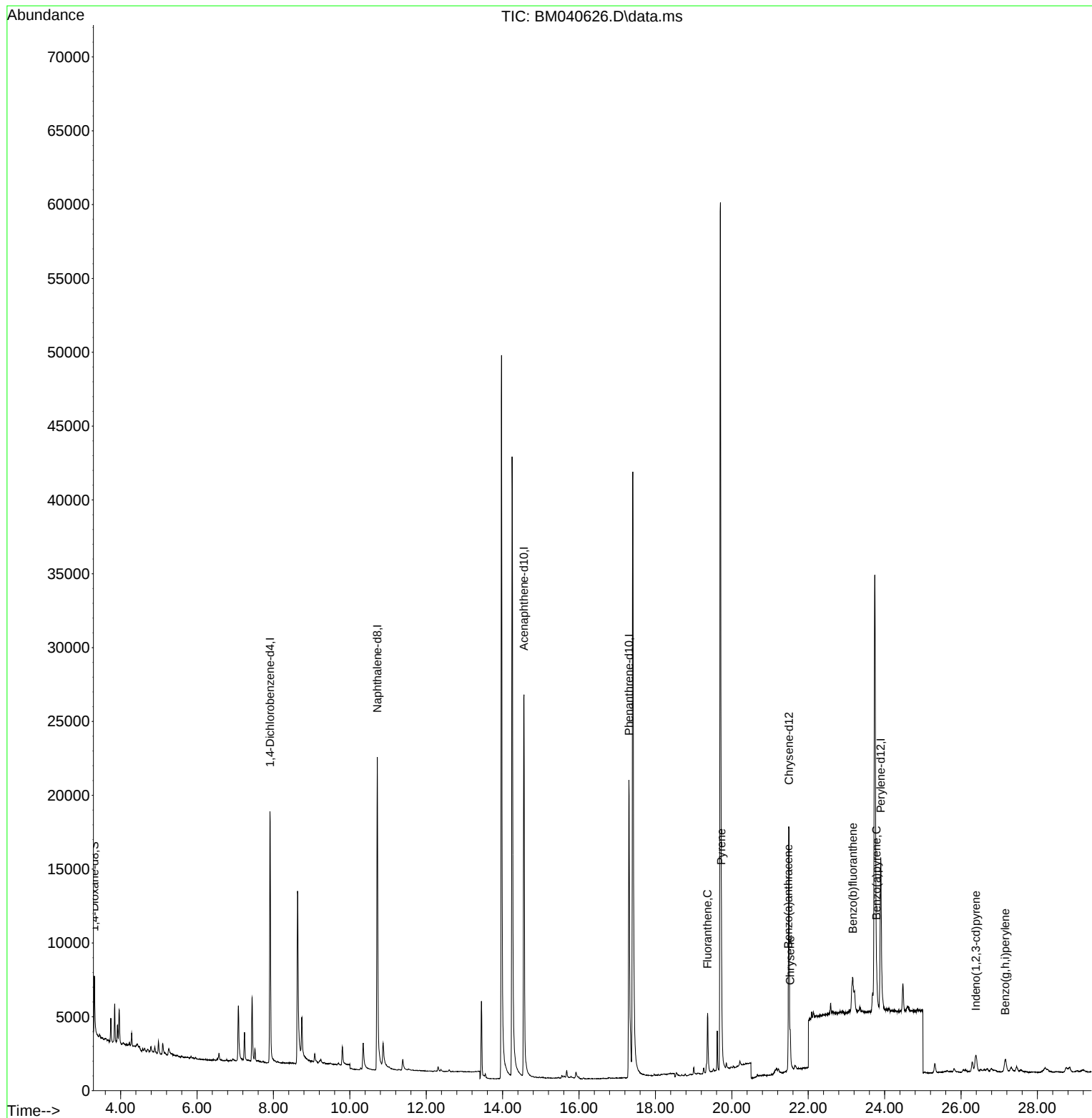
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	9399	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.717	136	34555	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.558	164	16370	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.307	188	29828	0.400	ng/ul	-0.01
17) Chrysene-d12	21.494	240	17276	0.400	ng/ul	0.00
23) Perylene-d12	23.897	264	16445	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	2377	0.161	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	597	0.012	ng/ul	-0.01
18) Fluoranthene-d10	19.333	212	765	0.014	ng/ul	-0.01
Target Compounds						
					Qvalue	
19) Fluoranthene	19.365	202	4335	0.059	ng/ul#	93
20) Pyrene	19.728	202	4023	0.051	ng/ul#	83
21) Benzo(a)anthracene	21.477	228	2392	0.041	ng/ul#	82
22) Chrysene	21.529	228	2304	0.035	ng/ul#	84
24) Benzo(b)fluoranthene	23.166	252	4206	0.066	ng/ul#	35
26) Benzo(a)pyrene	23.789	252	2395	0.042	ng/ul#	22
27) Indeno(1,2,3-cd)pyrene	26.390	276	2338	0.029	ng/ul#	89
29) Benzo(g,h,i)perylene	27.155	276	2359	0.034	ng/ul#	62

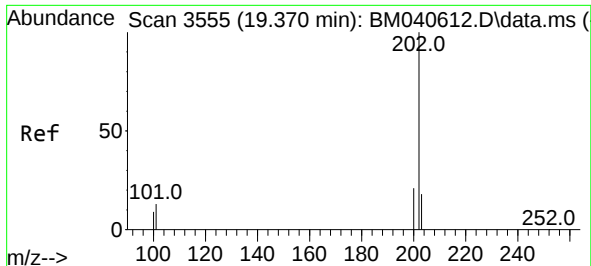
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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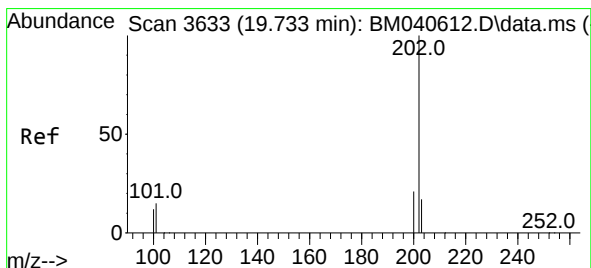
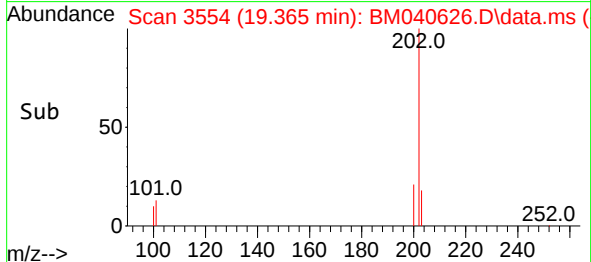
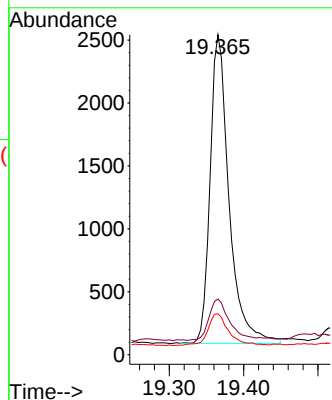
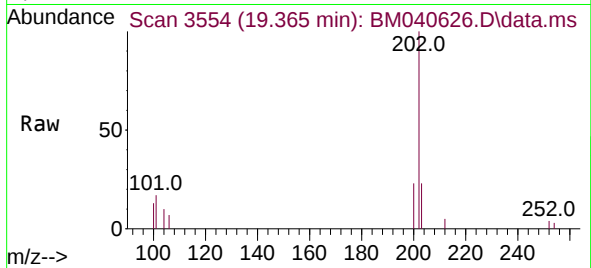




#19
Fluoranthene
Concen: 0.059 ng/u1
RT: 19.365 min Scan# 3555
Delta R.T. -0.014 min
Lab File: BM040626.D
Acq: 04 Jul 2023 23:59

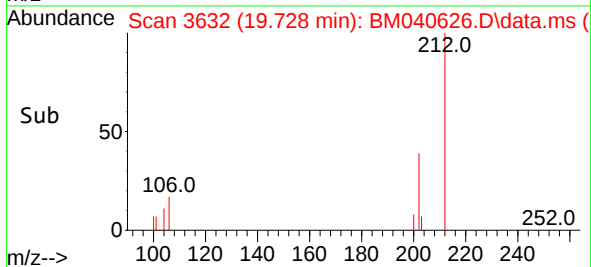
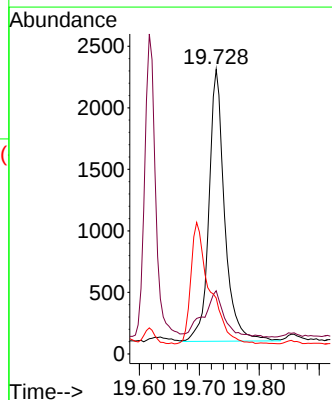
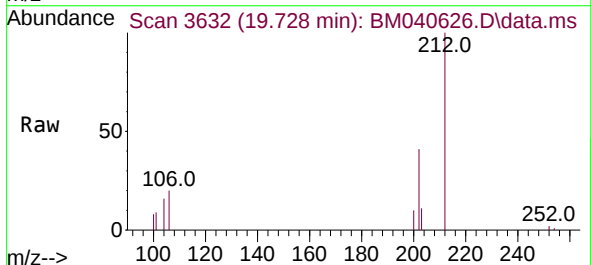
Instrument :
BNA_M
ClientSampleId :

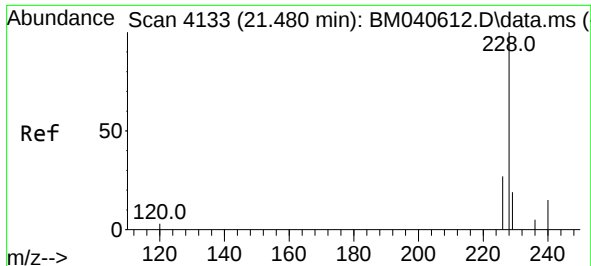
Tgt Ion:202 Resp: 4335
Ion Ratio Lower Upper
202 100
101 17.4 11.4 17.0#
100 12.8 8.7 13.1



#20
Pyrene
Concen: 0.051 ng/u1
RT: 19.728 min Scan# 3632
Delta R.T. -0.014 min
Lab File: BM040626.D
Acq: 04 Jul 2023 23:59

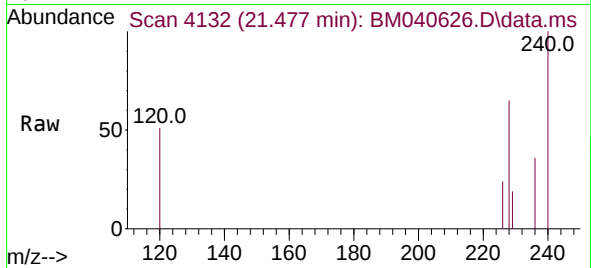
Tgt Ion:202 Resp: 4023
Ion Ratio Lower Upper
202 100
101 22.2 12.6 18.8#
100 19.6 9.8 14.6#



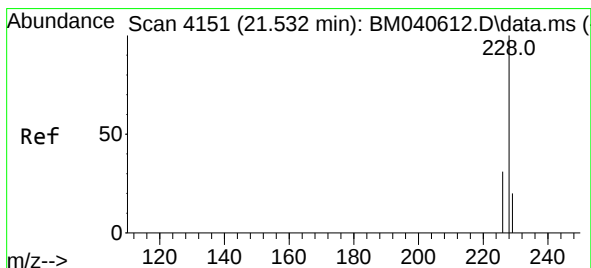
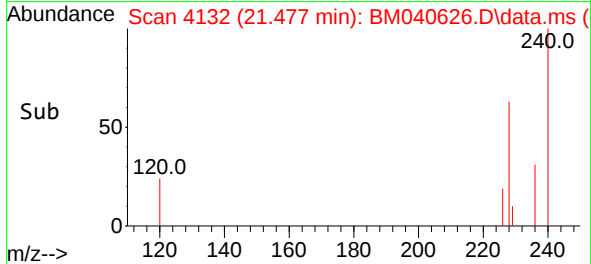
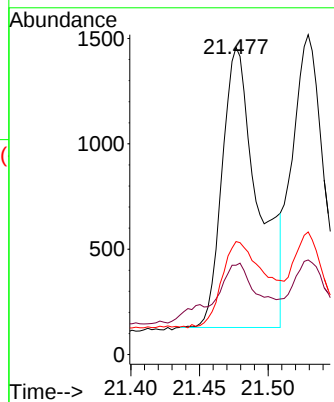


#21
Benzo(a)anthracene
Concen: 0.041 ng/ul
RT: 21.477 min Scan# 4133
Delta R.T. -0.012 min
Lab File: BM040626.D
Acq: 04 Jul 2023 23:59

Instrument :
BNA_M
ClientSampleId :

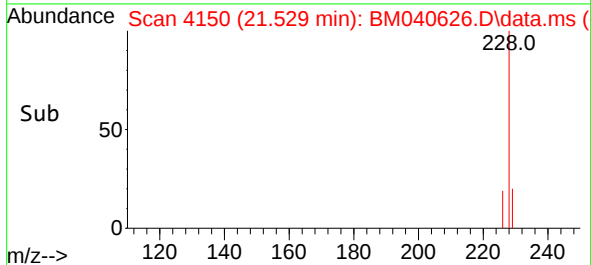
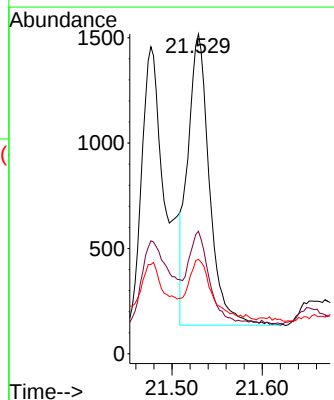
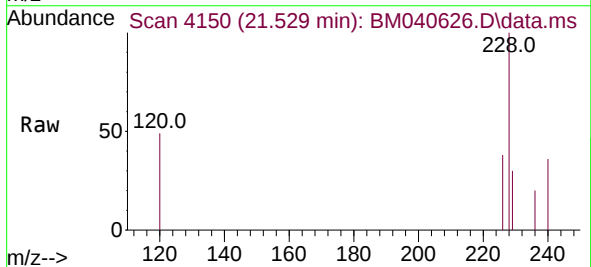


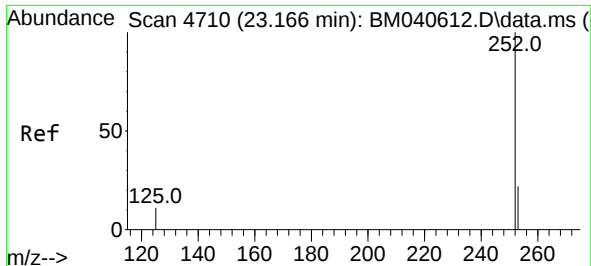
Tgt Ion:228 Resp: 2392
Ion Ratio Lower Upper
228 100
229 29.1 16.0 24.0#
226 36.8 22.3 33.5#



#22
Chrysene
Concen: 0.035 ng/ul
RT: 21.529 min Scan# 4150
Delta R.T. -0.012 min
Lab File: BM040626.D
Acq: 04 Jul 2023 23:59

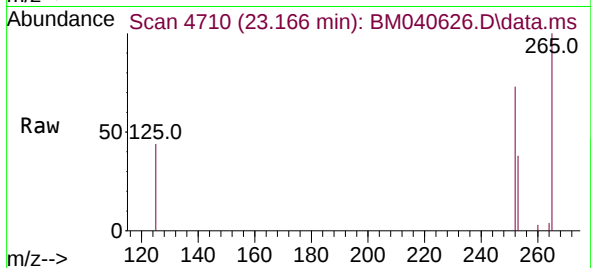
Tgt Ion:228 Resp: 2304
Ion Ratio Lower Upper
228 100
226 38.3 24.9 37.3#
229 29.6 15.8 23.6#



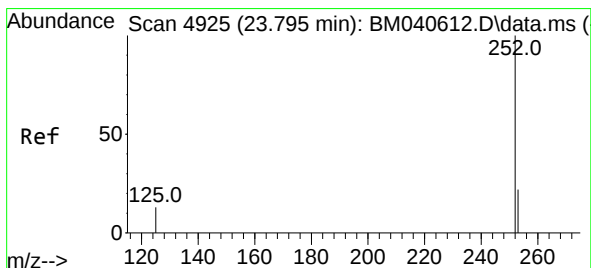
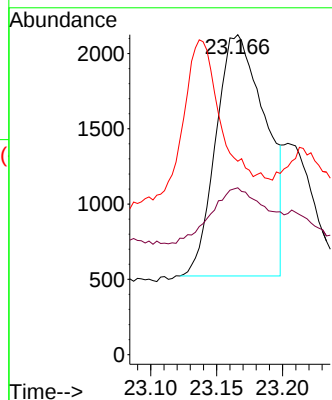


#24
Benzo(b)fluoranthene
Concen: 0.066 ng/ul
RT: 23.166 min Scan# 4710
Delta R.T. -0.015 min
Lab File: BM040626.D
Acq: 04 Jul 2023 23:59

Instrument :
BNA_M
ClientSampleId :

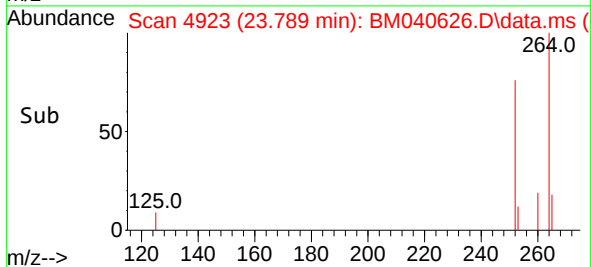
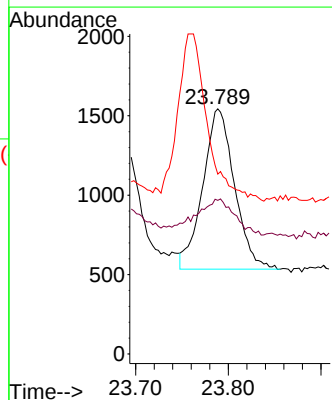
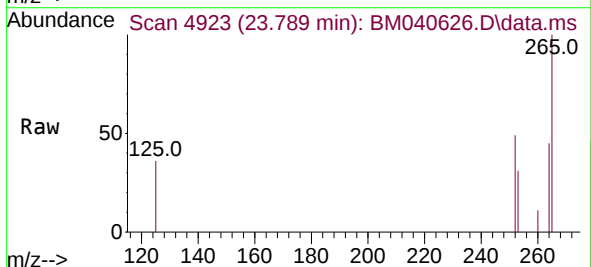


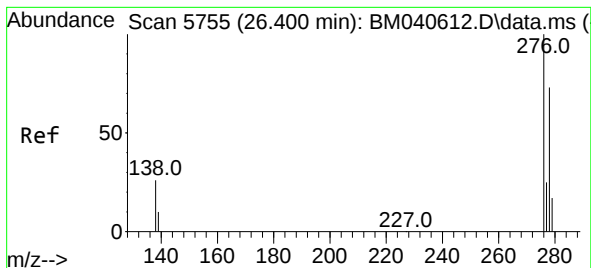
Tgt Ion:252 Resp: 4206
Ion Ratio Lower Upper
252 100
253 52.1 0.0 52.8
125 60.4 0.0 43.0#



#26
Benzo(a)pyrene
Concen: 0.042 ng/ul
RT: 23.789 min Scan# 4923
Delta R.T. -0.015 min
Lab File: BM040626.D
Acq: 04 Jul 2023 23:59

Tgt Ion:252 Resp: 2395
Ion Ratio Lower Upper
252 100
253 62.6 22.9 34.3#
125 73.4 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.029 ng/ul

RT: 26.390 min Scan# 5752

Delta R.T. -0.027 min

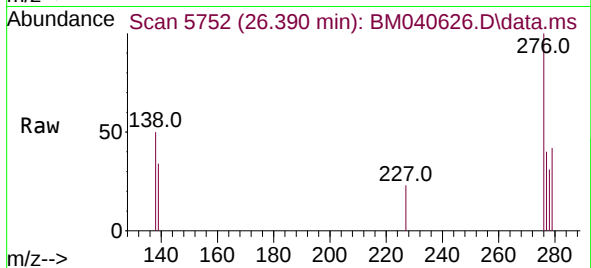
Lab File: BM040626.D

Acq: 04 Jul 2023 23:59

Instrument :

BNA_M

ClientSampleId :



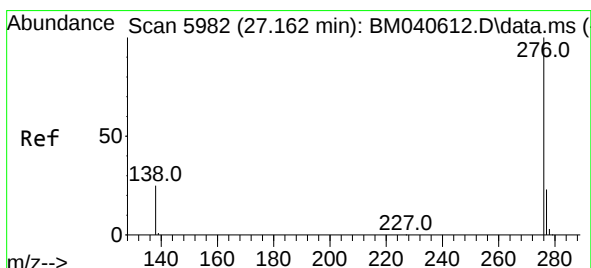
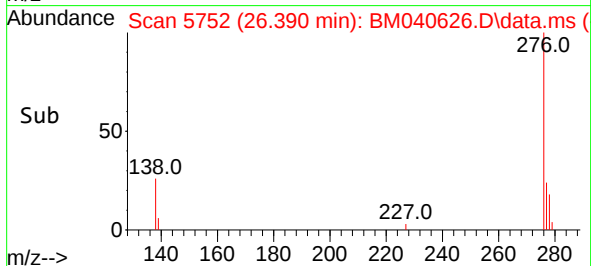
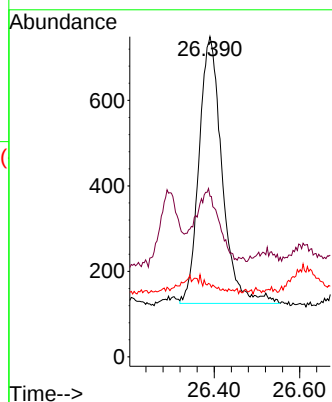
Tgt Ion:276 Resp: 2338

Ion Ratio Lower Upper

276 100

138 24.5 24.5 36.7#

227 0.0 0.1 0.1#



#29

Benzo(g,h,i)perylene

Concen: 0.034 ng/ul

RT: 27.155 min Scan# 5980

Delta R.T. -0.027 min

Lab File: BM040626.D

Acq: 04 Jul 2023 23:59

Tgt Ion:276 Resp: 2359

Ion Ratio Lower Upper

276 100

138 53.0 23.0 34.6#

277 40.5 20.3 30.5#

