

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038212.D
 Acq On : 22 Dec 2022 23:46
 Operator : CG/JU
 Sample : N6008-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYB0

Quant Time: Dec 23 01:49:55 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 23:36:45 2022
 Response via : Initial Calibration

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

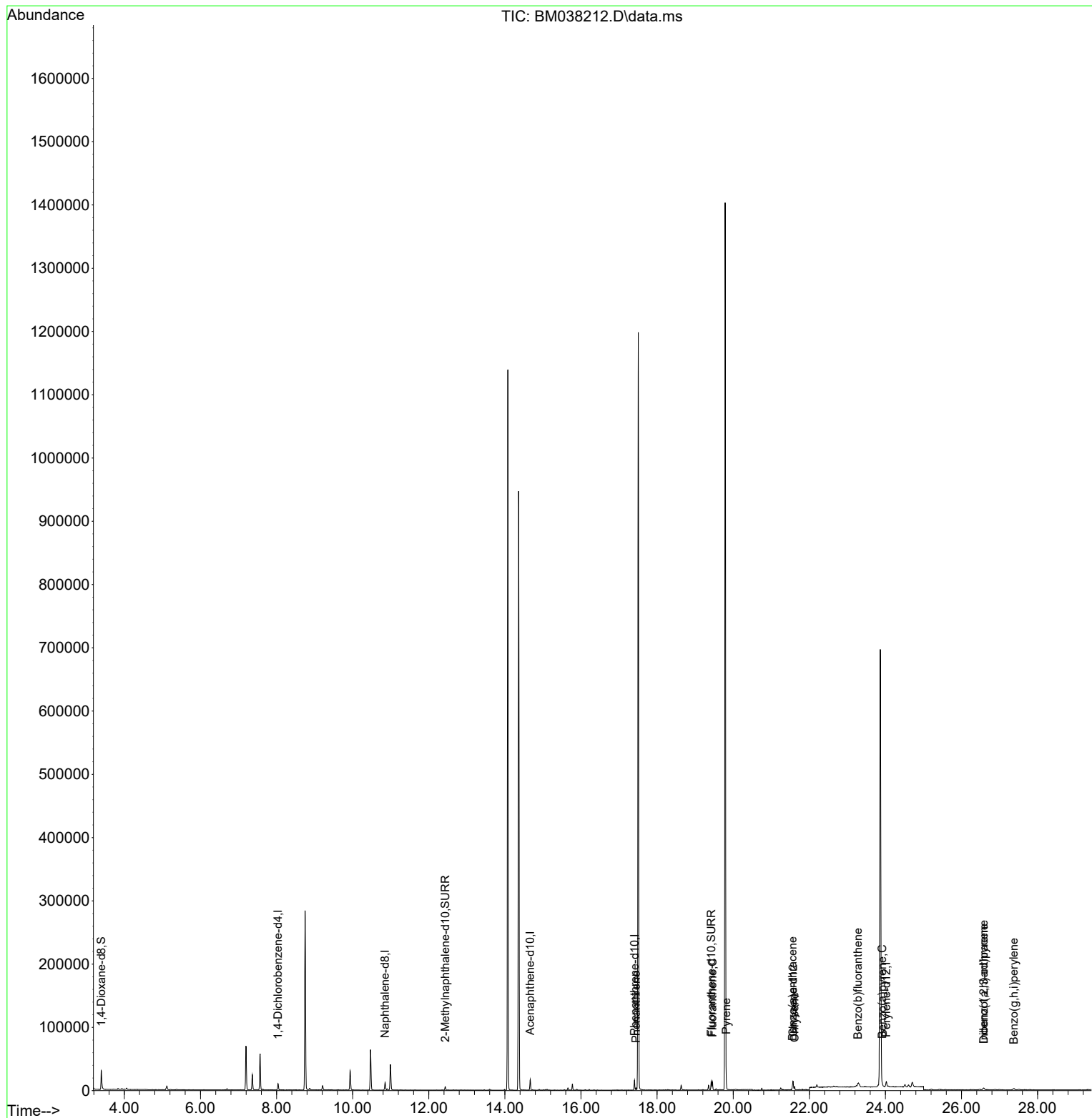
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	5025	0.400	ng/ul	0.00
4) Naphthalene-d8	10.851	136	15815	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	8868	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	17878	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	11531	0.400	ng/ul	0.00
23) Perylene-d12	24.023	264	11305	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.398	96	19964	3.906	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	6935	0.298	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	14256	0.329	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.447	178	3656	0.061	ng/ul	94
19) Fluoranthene	19.455	202	10047	0.159	ng/ul#	91
20) Pyrene	19.817	202	8370	0.131	ng/ul	95
21) Benzo(a)anthracene	21.556	228	4576	0.090	ng/ul#	91
22) Chrysene	21.612	228	5440	0.111	ng/ul#	93
24) Benzo(b)fluoranthene	23.275	252	8389	0.168	ng/ul#	62
26) Benzo(a)pyrene	23.915	252	5364	0.123	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.582	276	4837	0.080	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.585	278	1295	0.028	ng/ul#	1
29) Benzo(g,h,i)perylene	27.374	276	4569	0.090	ng/ul#	85

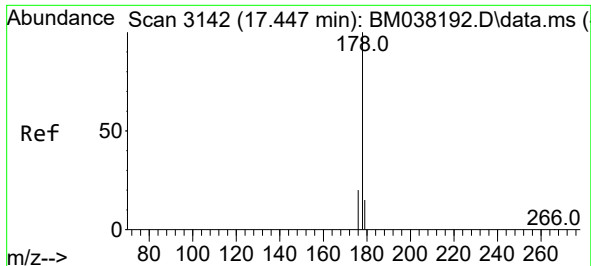
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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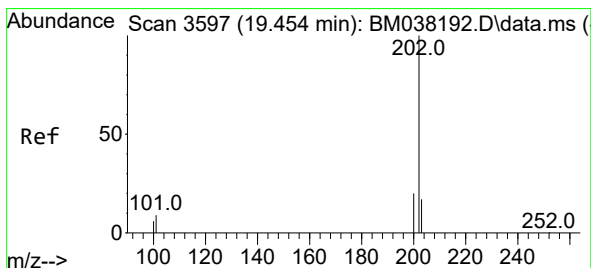
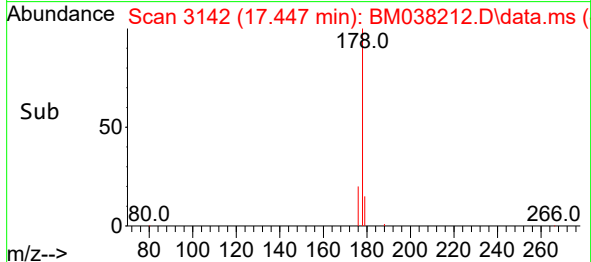
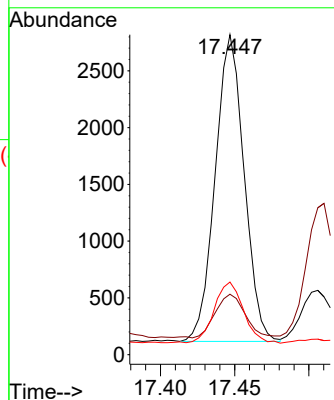
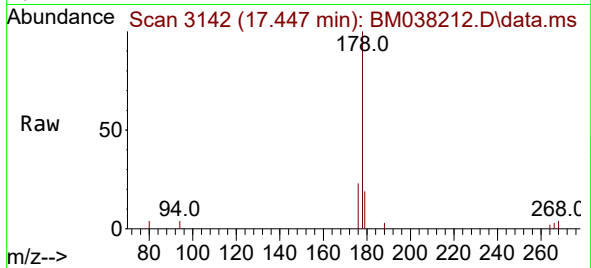




#15
Phenanthrene
Concen: 0.061 ng/ul
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038212.D
Acq: 22 Dec 2022 23:46

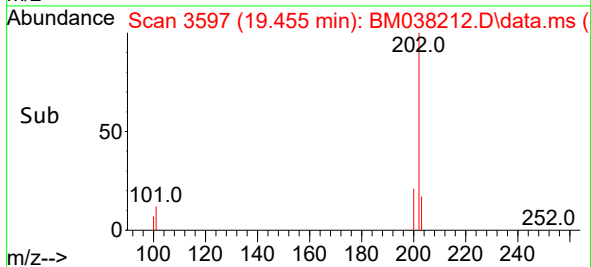
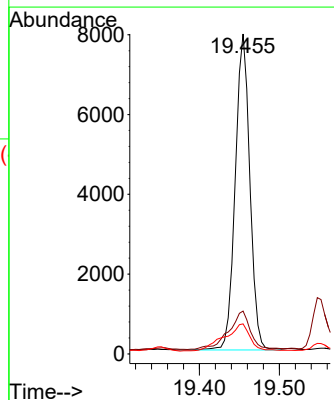
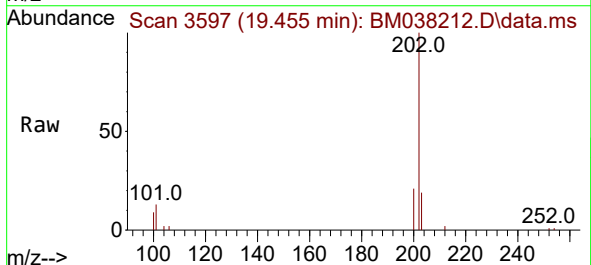
Instrument :
BNA_M
ClientSampleId :
DBYB0

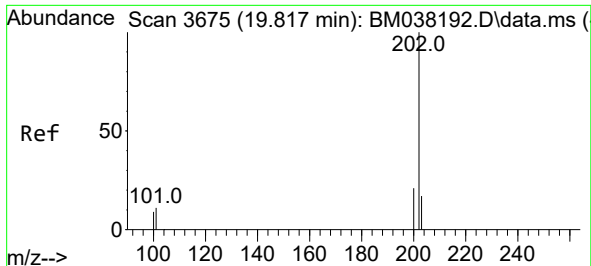
Tgt Ion:178 Resp: 3656
Ion Ratio Lower Upper
178 100
179 18.9 13.0 19.4
176 22.7 16.2 24.4



#19
Fluoranthene
Concen: 0.159 ng/ul
RT: 19.455 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM038212.D
Acq: 22 Dec 2022 23:46

Tgt Ion:202 Resp: 10047
Ion Ratio Lower Upper
202 100
101 13.4 7.5 11.3#
100 9.4 5.6 8.4#

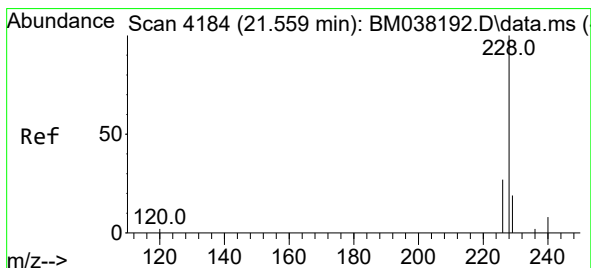
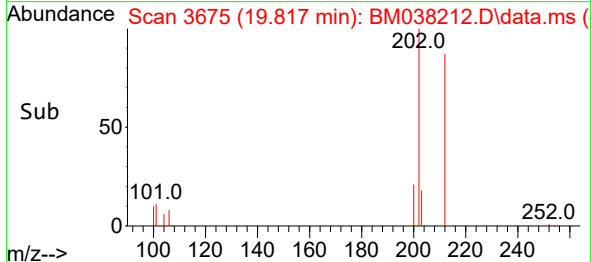
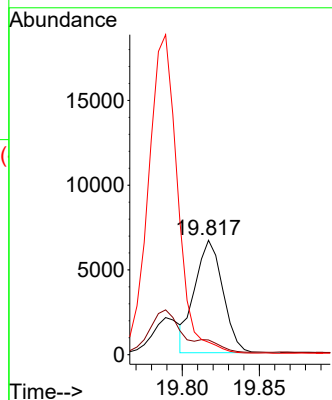
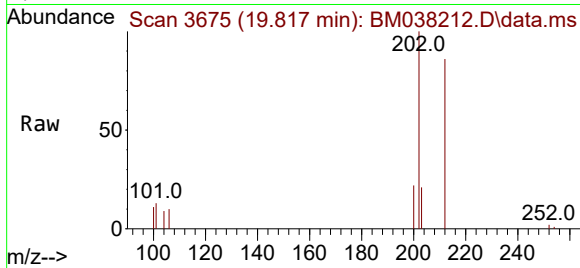




#20
 Pyrene
 Concen: 0.131 ng/ul
 RT: 19.817 min Scan# 3675
 Delta R.T. 0.000 min
 Lab File: BM038212.D
 Acq: 22 Dec 2022 23:46

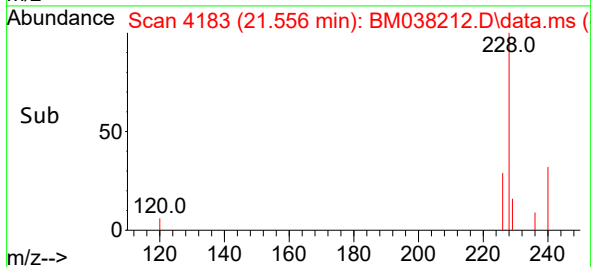
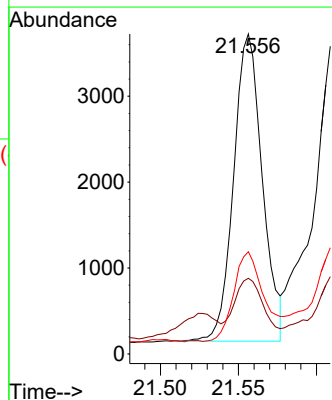
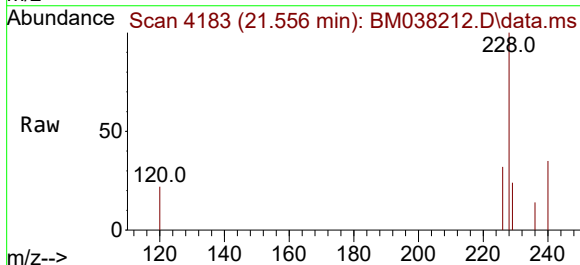
Instrument :
 BNA_M
 ClientSampleId :
 DBYB0

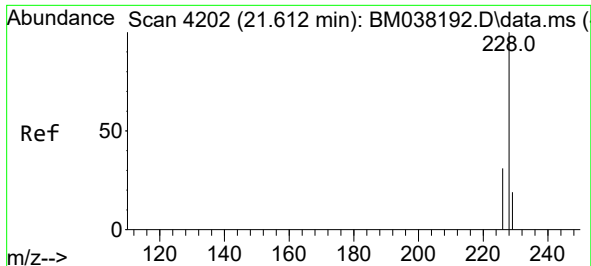
Tgt Ion:202 Resp: 8370
 Ion Ratio Lower Upper
 202 100
 101 12.8 8.9 13.3
 100 10.9 7.4 11.0



#21
 Benzo(a)anthracene
 Concen: 0.090 ng/ul
 RT: 21.556 min Scan# 4183
 Delta R.T. -0.003 min
 Lab File: BM038212.D
 Acq: 22 Dec 2022 23:46

Tgt Ion:228 Resp: 4576
 Ion Ratio Lower Upper
 228 100
 229 23.6 15.5 23.3#
 226 31.9 22.2 33.2

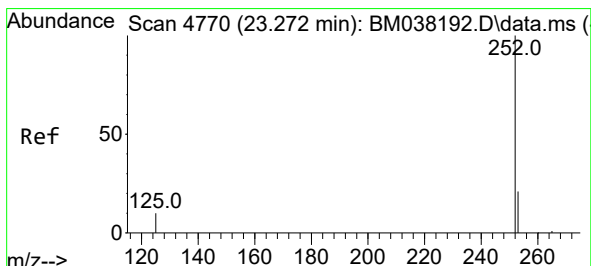
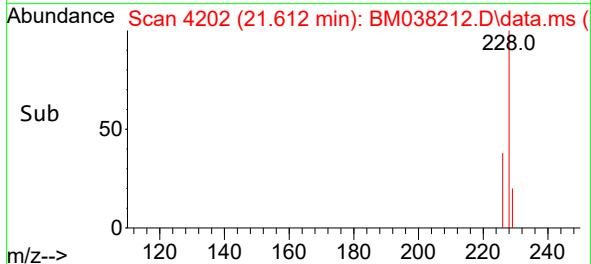
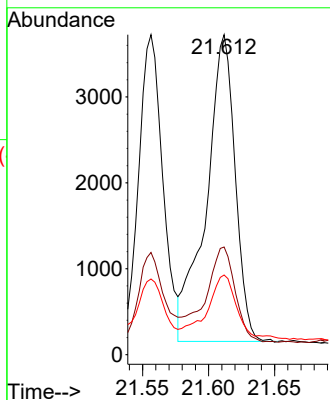
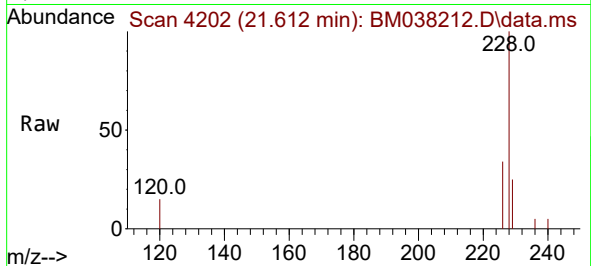




#22
Chrysene
Concen: 0.111 ng/ul
RT: 21.612 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM038212.D
Acq: 22 Dec 2022 23:46

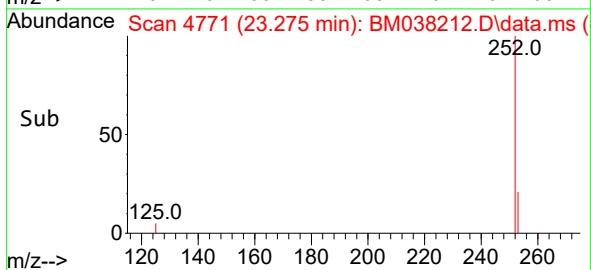
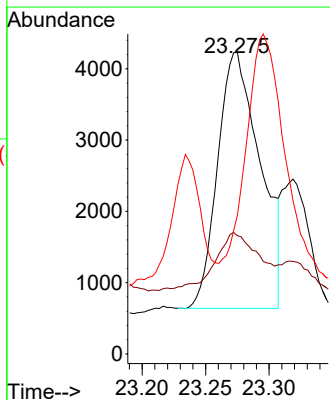
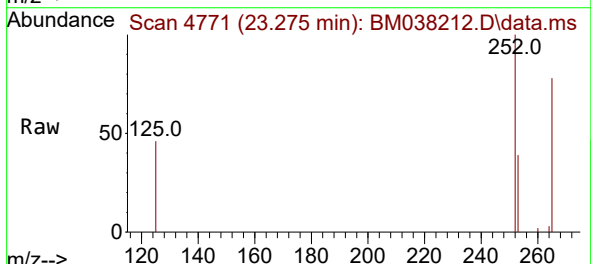
Instrument :
BNA_M
ClientSampleId :
DBYB0

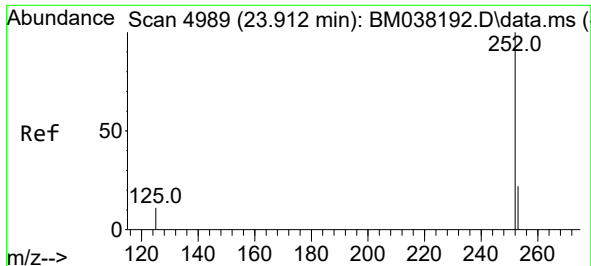
Tgt Ion:228 Resp: 5440
Ion Ratio Lower Upper
228 100
226 33.7 25.0 37.4
229 24.9 16.0 24.0#



#24
Benzo(b)fluoranthene
Concen: 0.168 ng/ul
RT: 23.275 min Scan# 4771
Delta R.T. 0.003 min
Lab File: BM038212.D
Acq: 22 Dec 2022 23:46

Tgt Ion:252 Resp: 8389
Ion Ratio Lower Upper
252 100
253 39.2 0.0 56.0
125 46.1 0.0 36.6#

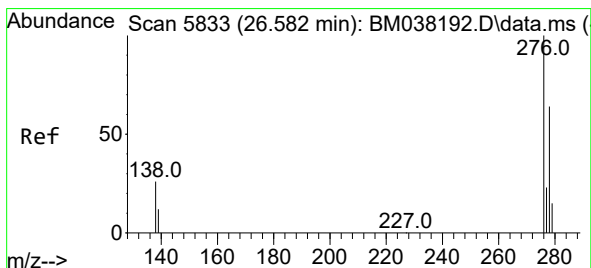
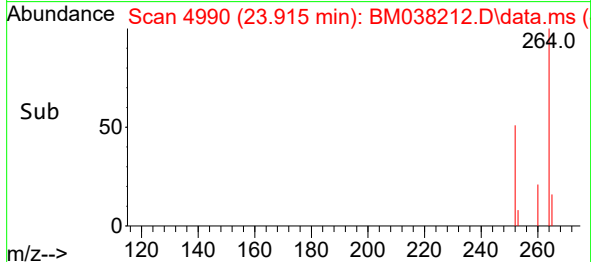
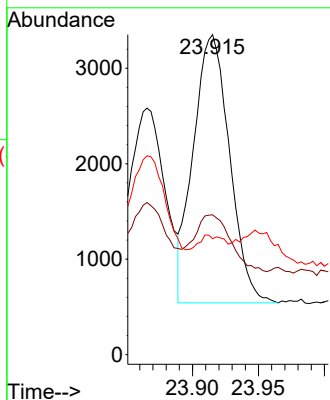
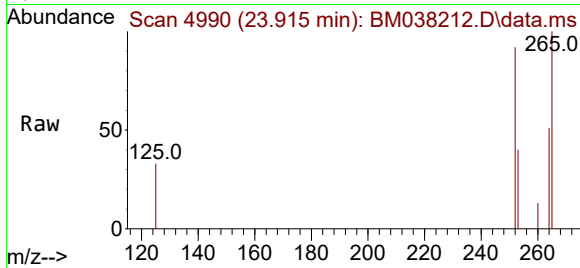




#26
Benzo(a)pyrene
Concen: 0.123 ng/ul
RT: 23.915 min Scan# 4989
Delta R.T. 0.003 min
Lab File: BM038212.D
Acq: 22 Dec 2022 23:46

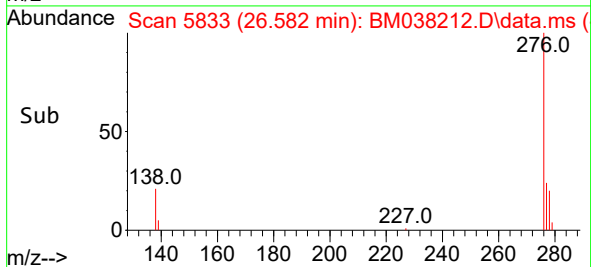
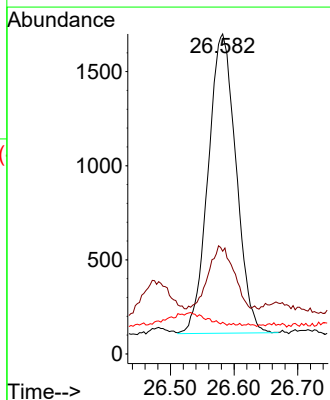
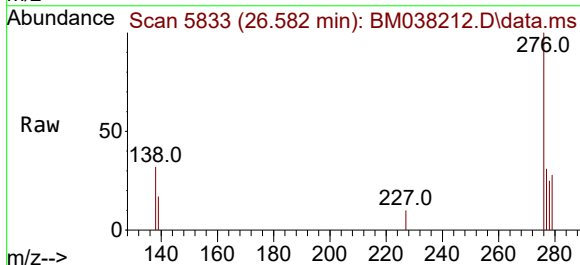
Instrument :
BNA_M
ClientSampleId :
DBYB0

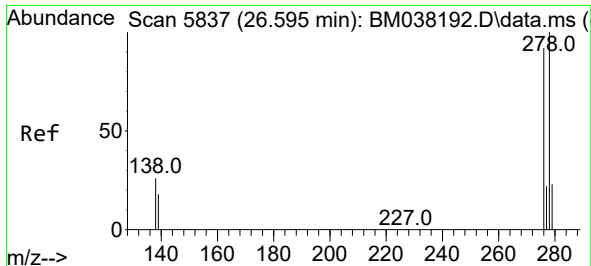
Tgt Ion:252 Resp: 5364
Ion Ratio Lower Upper
252 100
253 43.7 24.2 36.4#
125 36.2 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.080 ng/ul
RT: 26.582 min Scan# 5833
Delta R.T. 0.000 min
Lab File: BM038212.D
Acq: 22 Dec 2022 23:46

Tgt Ion:276 Resp: 4837
Ion Ratio Lower Upper
276 100
138 23.5 21.7 32.5
227 0.0 0.0 0.0

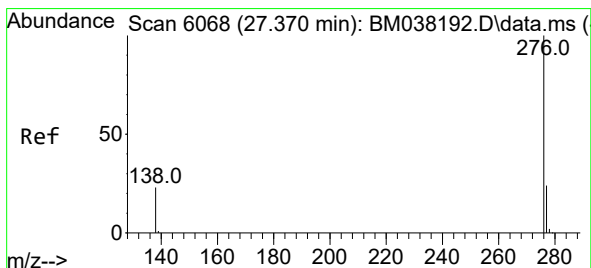
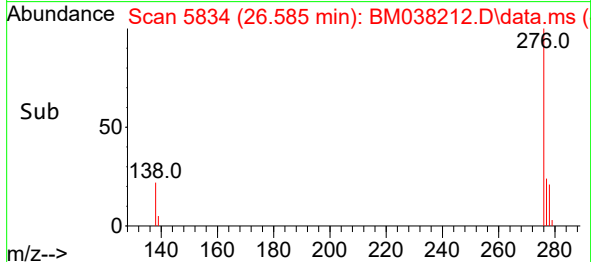
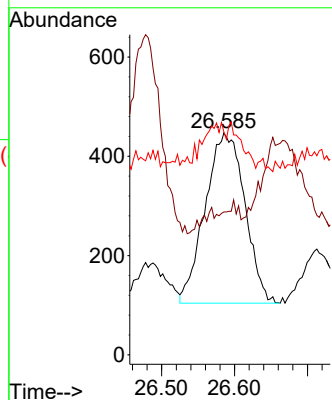
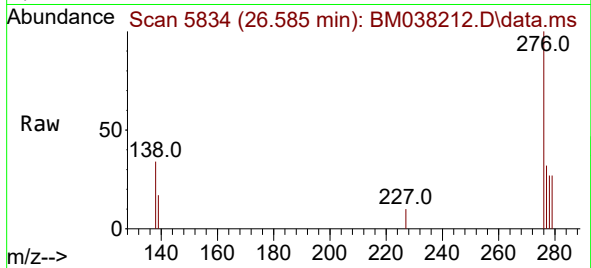




#28
Dibenzo(a,h)anthracene
Concen: 0.028 ng/ul
RT: 26.585 min Scan# 5834
Delta R.T. -0.010 min
Lab File: BM038212.D
Acq: 22 Dec 2022 23:46

Instrument :
BNA_M
ClientSampleId :
DBYB0

Tgt Ion:278 Resp: 1295
Ion Ratio Lower Upper
278 100
139 64.4 16.8 25.2#
279 100.4 23.4 35.2#



#29
Benzo(g,h,i)perylene
Concen: 0.090 ng/ul
RT: 27.374 min Scan# 6069
Delta R.T. 0.003 min
Lab File: BM038212.D
Acq: 22 Dec 2022 23:46

Tgt Ion:276 Resp: 4569
Ion Ratio Lower Upper
276 100
138 34.4 20.8 31.2#
277 32.2 20.5 30.7#

