

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
 Data File : BM038962.D
 Acq On : 10 Mar 2023 02:12
 Operator : CG/JU
 Sample : 01729-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BZ5

Quant Time: Mar 10 03:55:06 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 13:36:03 2023
 Response via : Initial Calibration

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

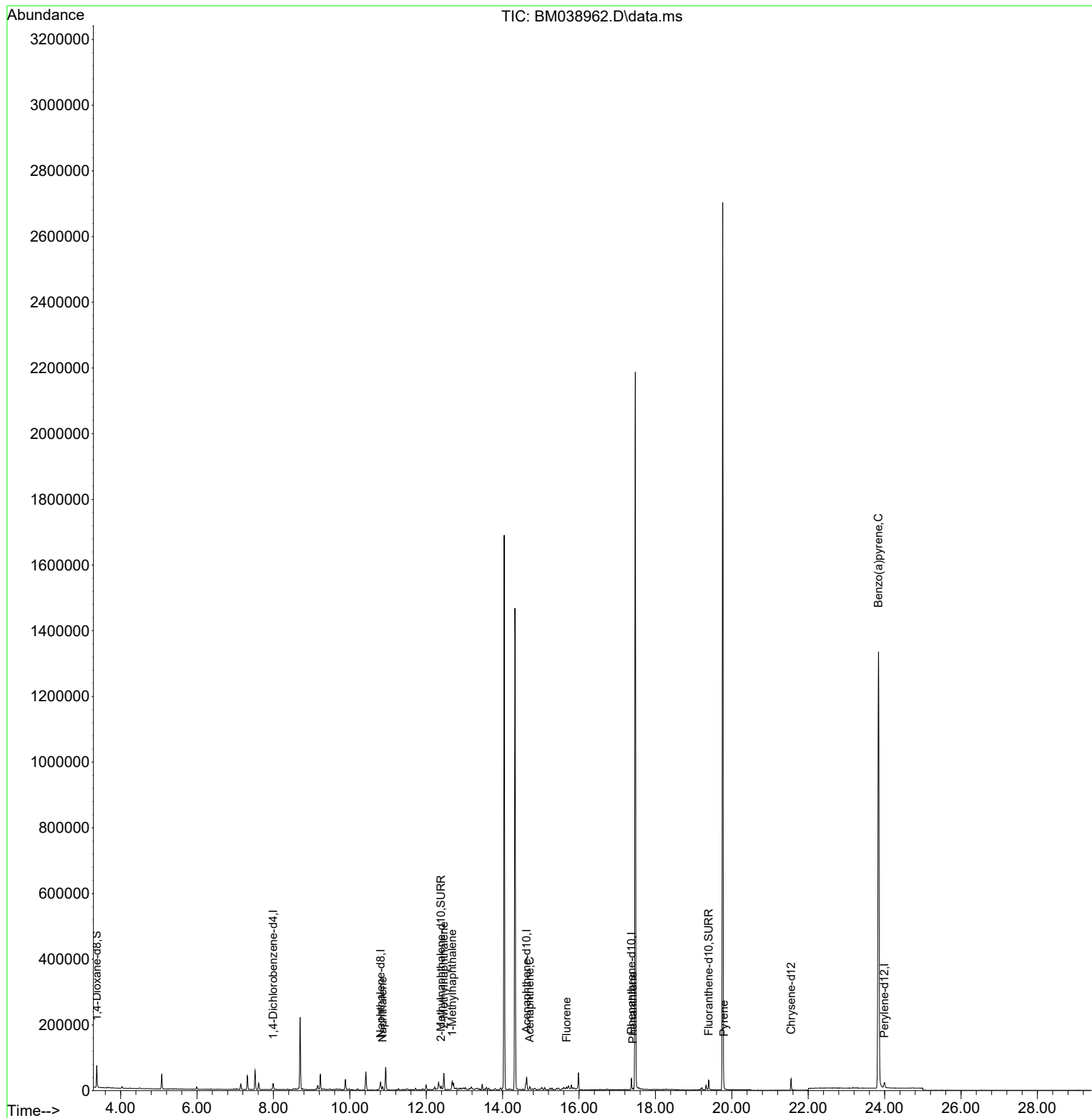
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.995	152	8912	0.400	ng/ul	0.00
4) Naphthalene-d8	10.805	136	30026	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.628	164	18585	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.370	188	38143	0.400	ng/ul #	0.00
17) Chrysene-d12	21.550	240	29839	0.400	ng/ul	0.00
23) Perylene-d12	23.993	264	24294	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	39979	3.965	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.389	152	12131	0.334	ng/ul	0.00
18) Fluoranthene-d10	19.393	212	30309	0.427	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.855	128	12749	0.178	ng/ul#	92
7) 2-Methylnaphthalene	12.461	142	34196	0.785	ng/ul	99
8) 1-Methylnaphthalene	12.681	142	18080	0.396	ng/ul	94
11) Acenaphthene	14.711	153	2819	0.051	ng/ul#	29
12) Fluorene	15.673	166	3372	0.054	ng/ul#	74
15) Phenanthrene	17.412	178	5535	0.055	ng/ul#	85
20) Pyrene	19.788	202	4317	0.042	ng/ul#	81
26) Benzo(a)pyrene	23.838	252	7451	0.098	ng/ul#	37

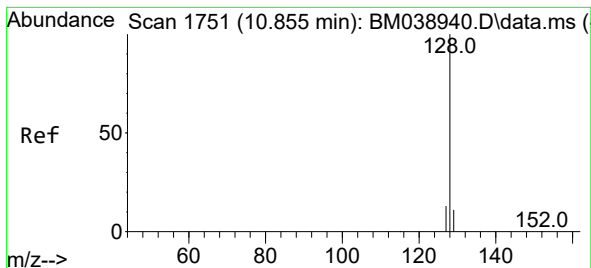
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.178 ng/ul

RT: 10.855 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM038962.D

Acq: 10 Mar 2023 02:12

Instrument :

BNA_M

ClientSampleId :

C0BZ5

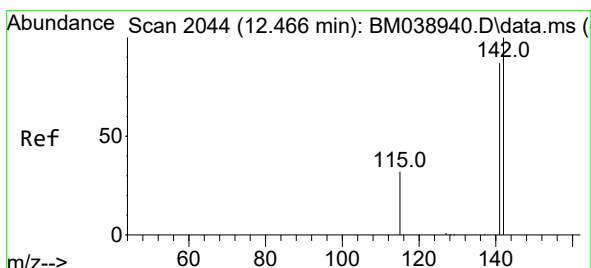
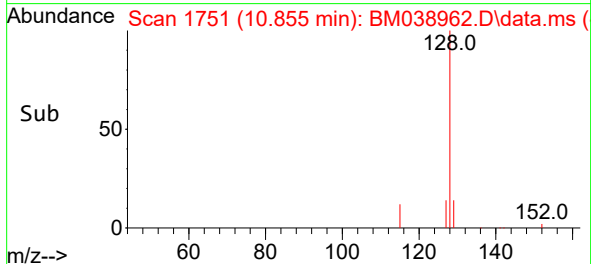
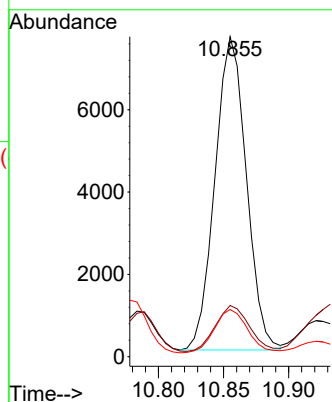
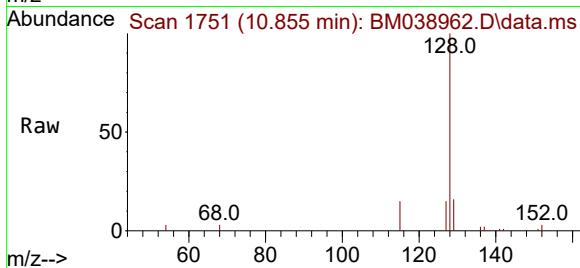
Tgt Ion:128 Resp: 12749

Ion Ratio Lower Upper

128 100

129 16.0 9.1 13.7#

127 14.8 10.3 15.5



#7

2-Methylnaphthalene

Concen: 0.785 ng/ul

RT: 12.461 min Scan# 2043

Delta R.T. -0.006 min

Lab File: BM038962.D

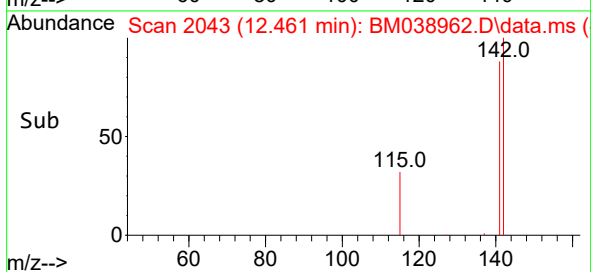
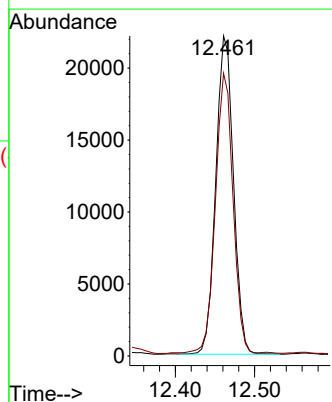
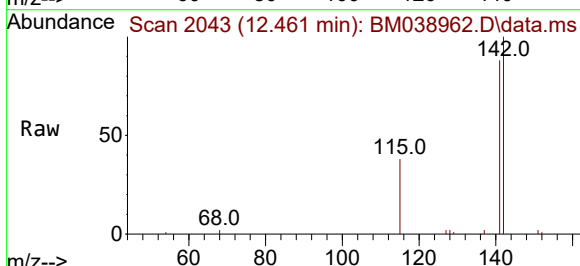
Acq: 10 Mar 2023 02:12

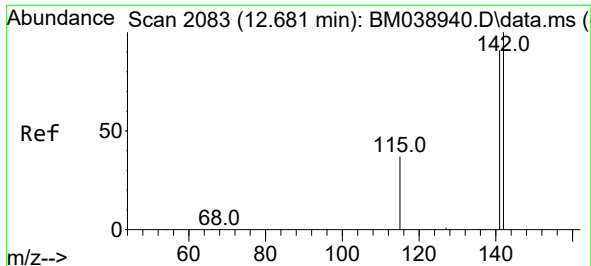
Tgt Ion:142 Resp: 34196

Ion Ratio Lower Upper

142 100

141 88.2 69.9 104.9

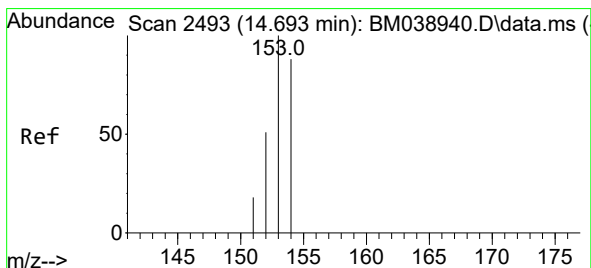
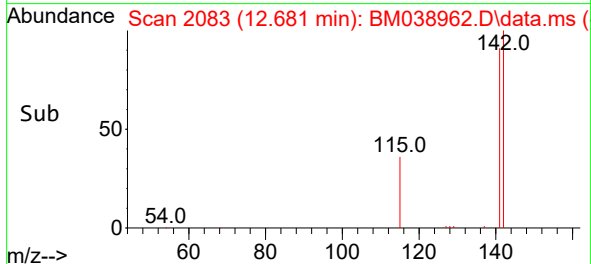
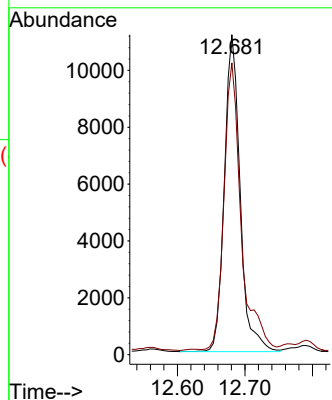
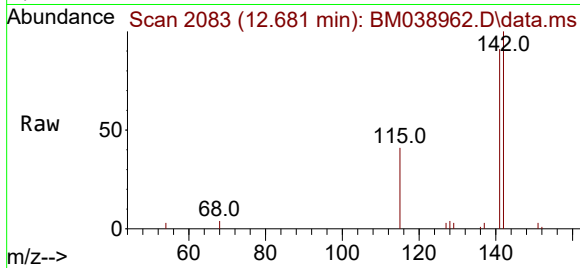




#8
1-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 12.681 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BM038962.D
Acq: 10 Mar 2023 02:12

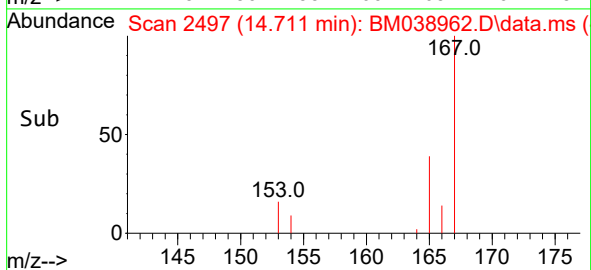
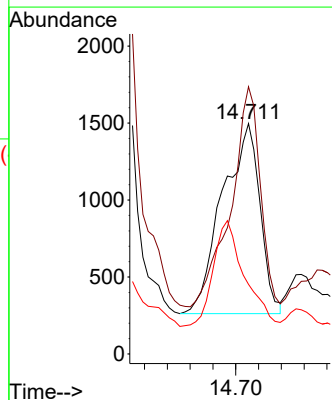
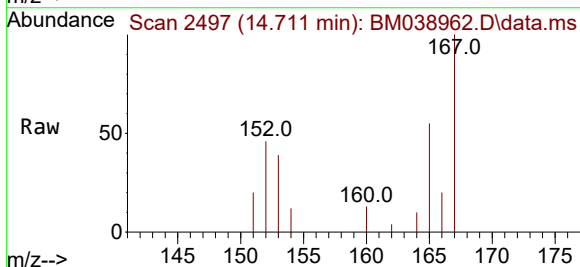
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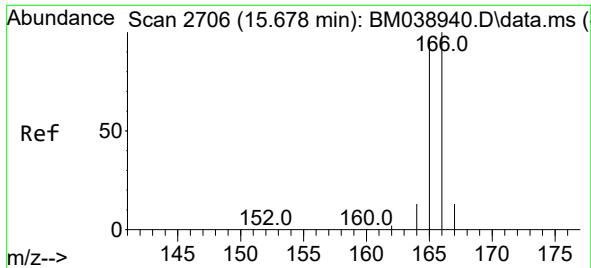
Tgt Ion:142 Resp: 18080
Ion Ratio Lower Upper
142 100
141 97.7 73.5 110.3



#11
Acenaphthene
Concen: 0.051 ng/ul
RT: 14.711 min Scan# 2497
Delta R.T. 0.018 min
Lab File: BM038962.D
Acq: 10 Mar 2023 02:12

Tgt Ion:153 Resp: 2819
Ion Ratio Lower Upper
153 100
152 116.0 44.2 66.2#
154 30.2 70.6 105.8#

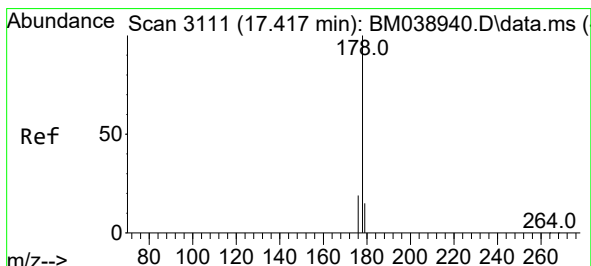
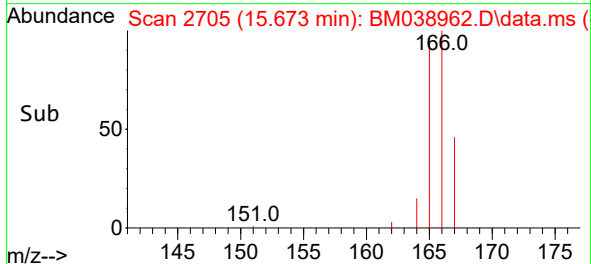
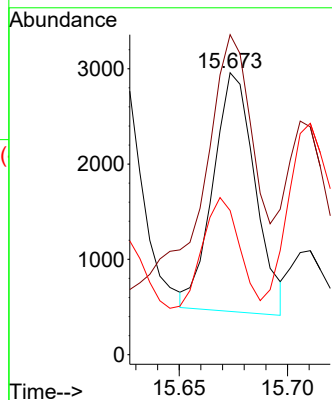
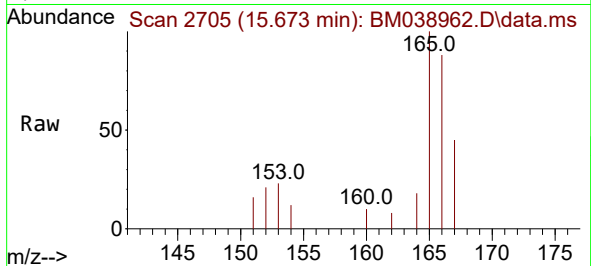




#12
Fluorene
Concen: 0.054 ng/ul
RT: 15.673 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM038962.D
Acq: 10 Mar 2023 02:12

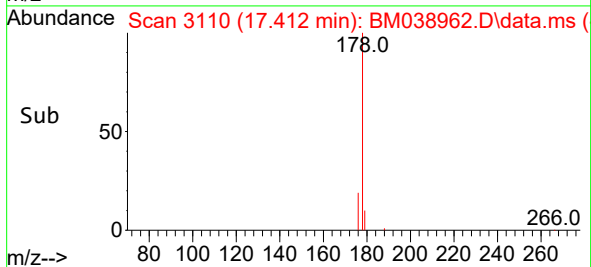
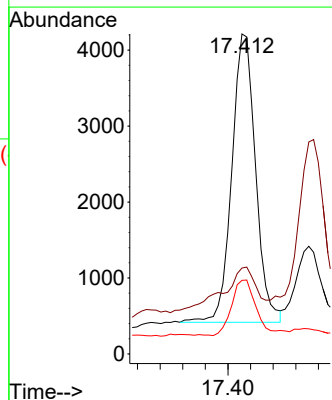
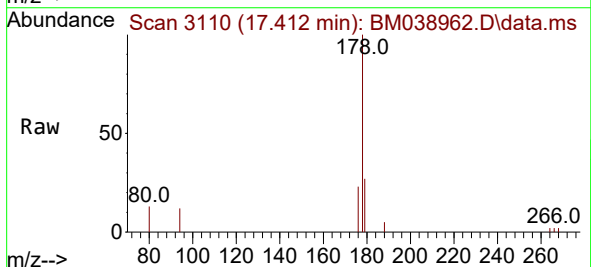
Instrument :
BNA_M
ClientSampleId :
C0BZ5

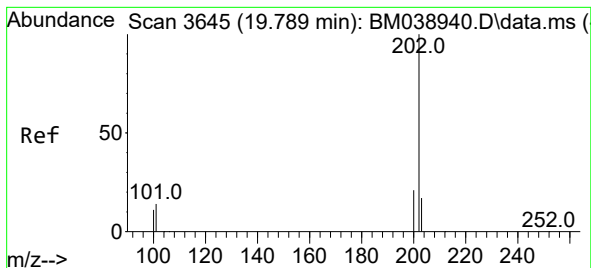
Tgt Ion:166 Resp: 3372
Ion Ratio Lower Upper
166 100
165 113.5 77.8 116.6
167 51.1 11.4 17.2#



#15
Phenanthrene
Concen: 0.055 ng/ul
RT: 17.412 min Scan# 3110
Delta R.T. -0.004 min
Lab File: BM038962.D
Acq: 10 Mar 2023 02:12

Tgt Ion:178 Resp: 5535
Ion Ratio Lower Upper
178 100
179 26.9 12.7 19.1#
176 23.0 15.9 23.9





#20

Pyrene

Concen: 0.042 ng/ul

RT: 19.788 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM038962.D

Acq: 10 Mar 2023 02:12

Instrument :

BNA_M

ClientSampleId :

C0BZ5

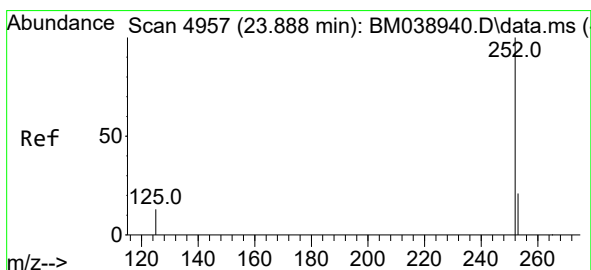
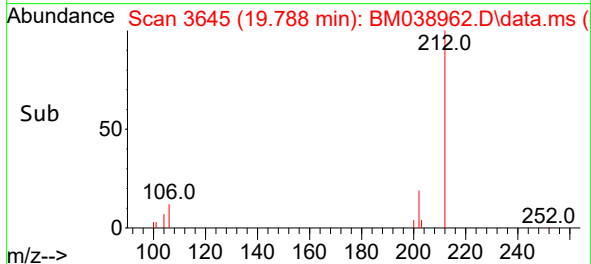
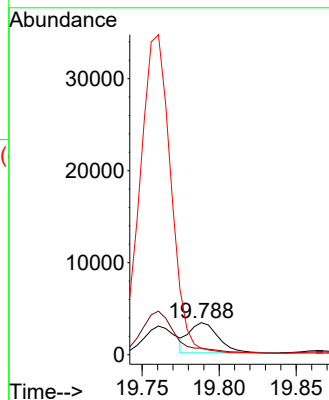
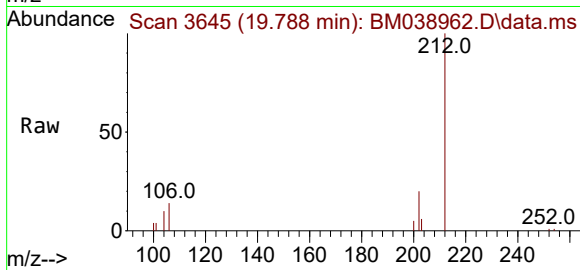
Tgt Ion:202 Resp: 4317

Ion Ratio Lower Upper

202 100

101 20.3 11.2 16.8#

100 20.1 9.0 13.6#



#26

Benzo(a)pyrene

Concen: 0.098 ng/ul

RT: 23.838 min Scan# 4940

Delta R.T. -0.050 min

Lab File: BM038962.D

Acq: 10 Mar 2023 02:12

Tgt Ion:252 Resp: 7451

Ion Ratio Lower Upper

252 100

253 43.3 20.3 30.5#

125 62.7 14.0 21.0#

