

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038284.D
 Acq On : 24 Dec 2022 23:19
 Operator : CG/JU
 Sample : N6016-08
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 25 02:58:14 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 : Sat Dec 24 05:23:31 2022
 Response via : Initial Calibration

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

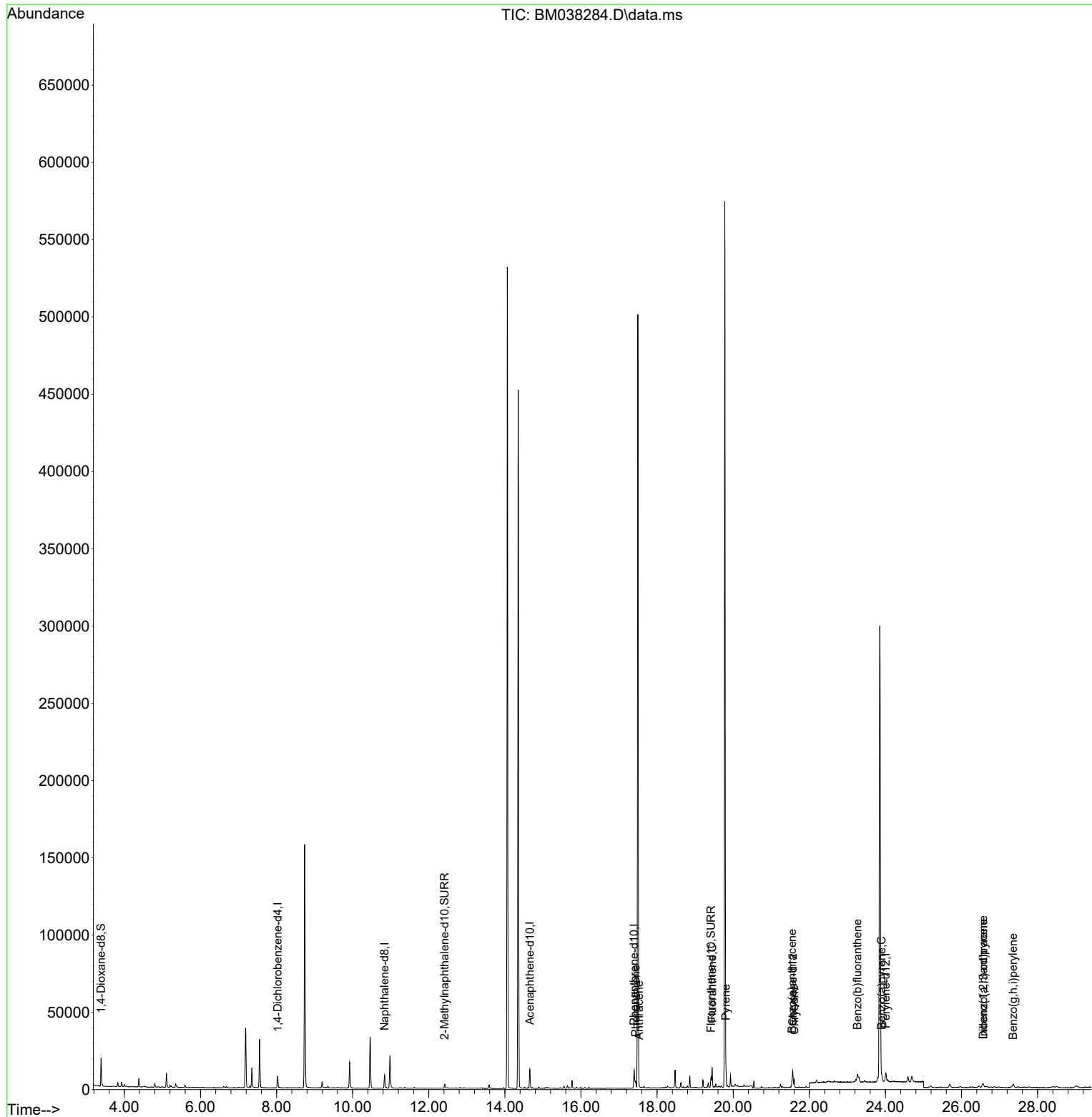
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	3697	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	10897	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	6417	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	12270	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.565	240	8515	0.400	ng/ul	0.00
23) Perylene-d12	24.012	264	7827	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	10576	2.812	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	3293	0.205	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	6289	0.197	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.438	178	4106	0.100	ng/ul#	83
16) Anthracene	17.527	178	813	0.021	ng/ul#	55
19) Fluoranthene	19.445	202	10186	0.218	ng/ul#	87
20) Pyrene	19.808	202	9771	0.207	ng/ul#	91
21) Benzo(a)anthracene	21.547	228	4726	0.127	ng/ul#	91
22) Chrysene	21.603	228	5361	0.147	ng/ul#	93
24) Benzo(b)fluoranthene	23.263	252	8710	0.251	ng/ul	76
26) Benzo(a)pyrene	23.900	252	5531	0.183	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.568	276	4789	0.114	ng/ul#	48
28) Dibenzo(a,h)anthracene	26.572	278	1180	0.036	ng/ul#	1
29) Benzo(g,h,i)perylene	27.357	276	5150	0.146	ng/ul#	88

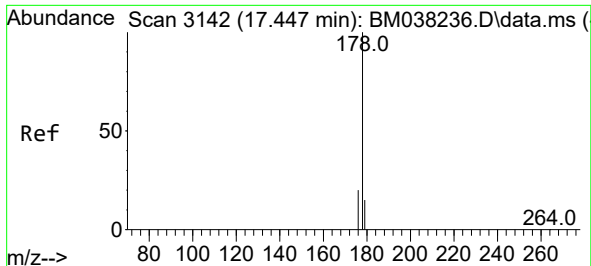
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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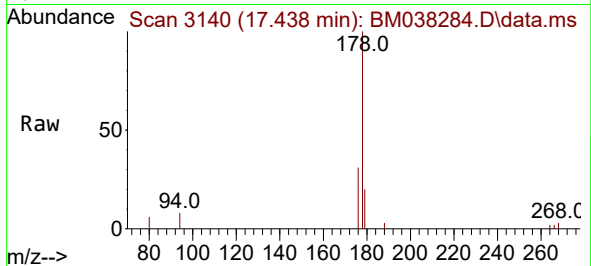
Quant Time: Dec 25 02:58:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
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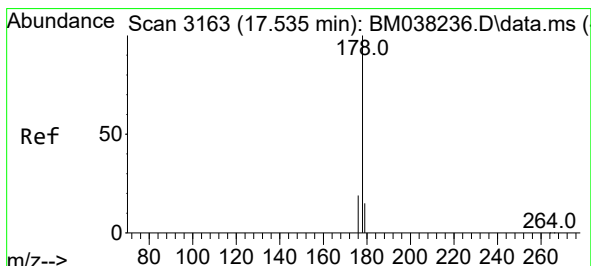
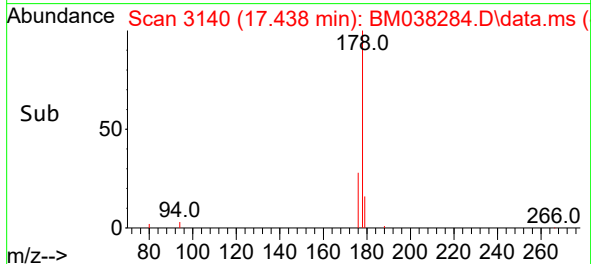
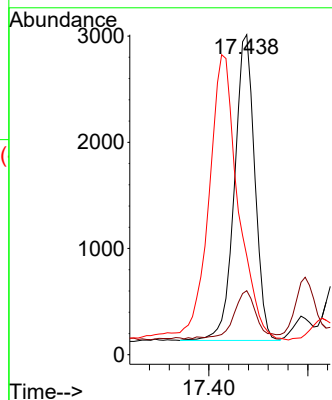


#15
Phenanthrene
Concen: 0.100 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BM038284.D
Acq: 24 Dec 2022 23:19

Instrument :
BNA_M
ClientSampleId :

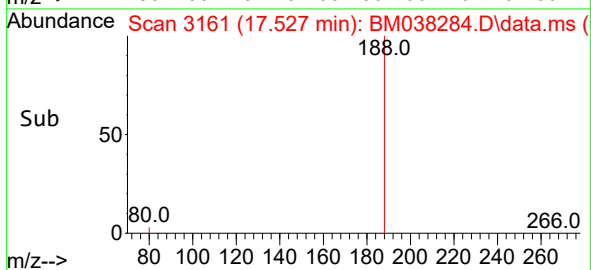
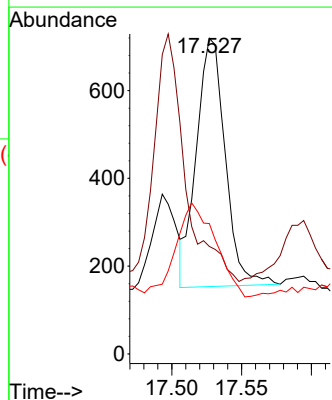
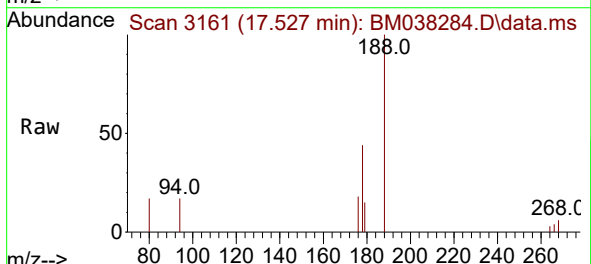


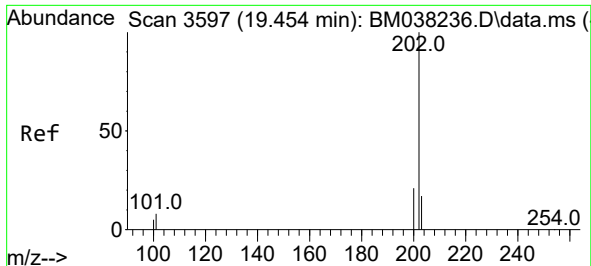
Tgt Ion:178 Resp: 4106
Ion Ratio Lower Upper
178 100
179 20.0 13.0 19.4#
176 30.9 16.2 24.4#



#16
Anthracene
Concen: 0.021 ng/ul
RT: 17.527 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM038284.D
Acq: 24 Dec 2022 23:19

Tgt Ion:178 Resp: 813
Ion Ratio Lower Upper
178 100
179 34.1 13.0 19.6#
176 41.3 15.6 23.4#

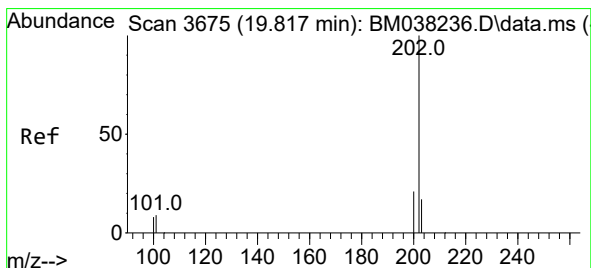
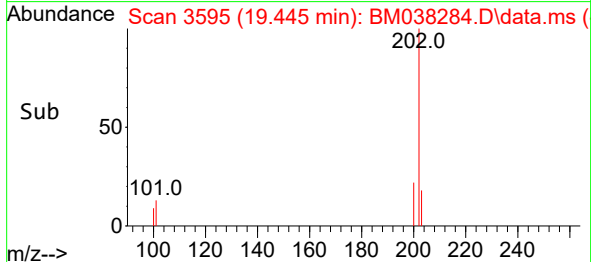
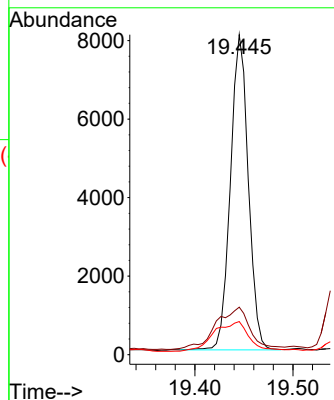
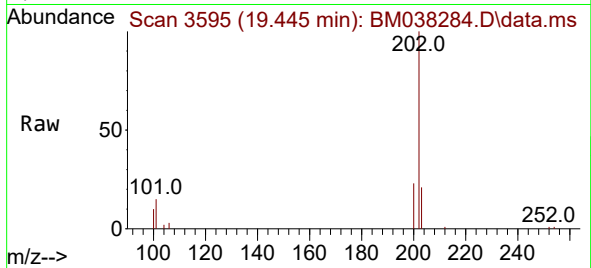




#19
Fluoranthene
Concen: 0.218 ng/ul
RT: 19.445 min Scan# 3595
Delta R.T. -0.005 min
Lab File: BM038284.D
Acq: 24 Dec 2022 23:19

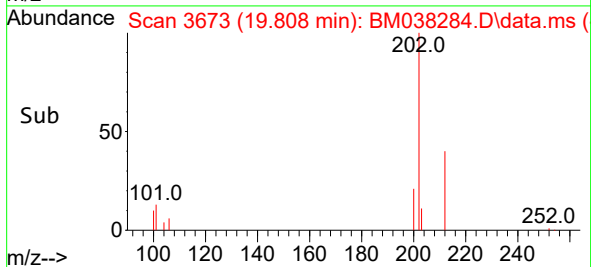
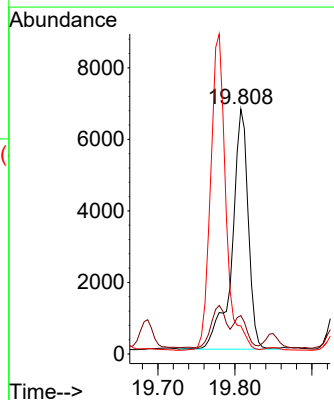
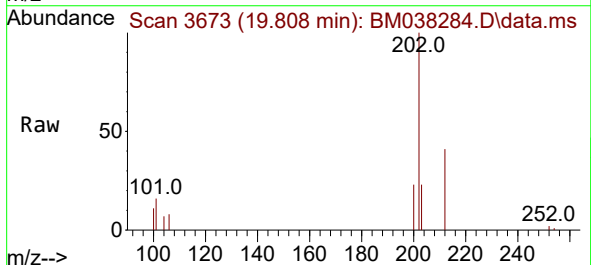
Instrument :
BNA_M
ClientSampleId :

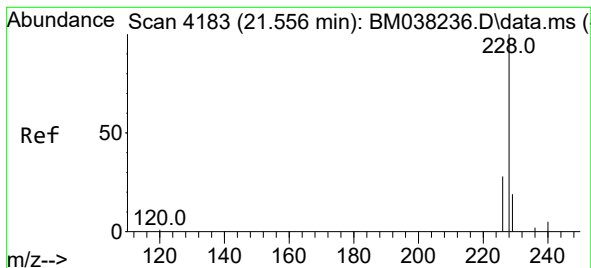
Tgt Ion:202 Resp: 10186
Ion Ratio Lower Upper
202 100
101 14.9 7.5 11.3#
100 10.3 5.6 8.4#



#20
Pyrene
Concen: 0.207 ng/ul
RT: 19.808 min Scan# 3673
Delta R.T. -0.005 min
Lab File: BM038284.D
Acq: 24 Dec 2022 23:19

Tgt Ion:202 Resp: 9771
Ion Ratio Lower Upper
202 100
101 15.7 8.9 13.3#
100 11.4 7.4 11.0#





#21

Benzo(a)anthracene

Concen: 0.127 ng/ul

RT: 21.547 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM038284.D

Acq: 24 Dec 2022 23:19

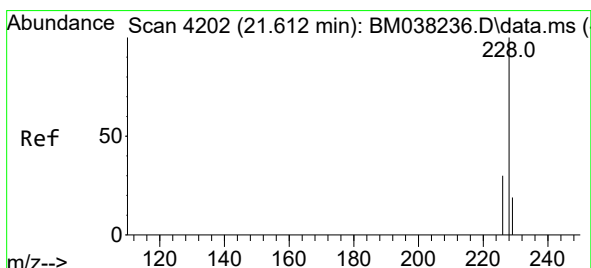
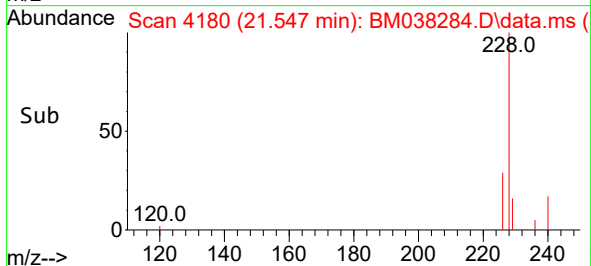
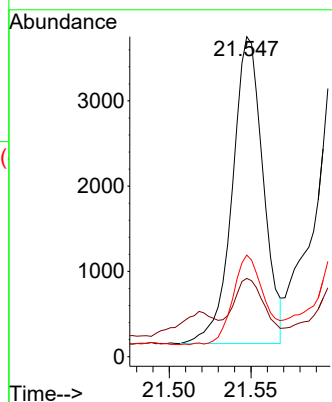
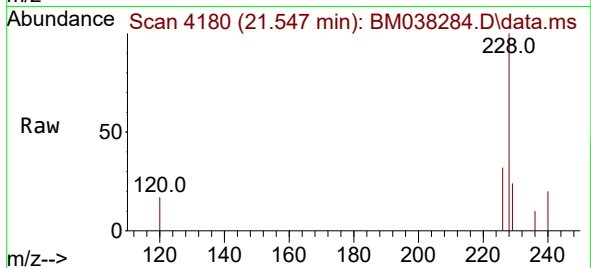
Instrument :

BNA_M

ClientSampleId :

Tgt Ion:228 Resp: 4726

Ion	Ratio	Lower	Upper
228	100		
229	24.4	15.5	23.3#
226	31.8	22.2	33.2



#22

Chrysene

Concen: 0.147 ng/ul

RT: 21.603 min Scan# 4199

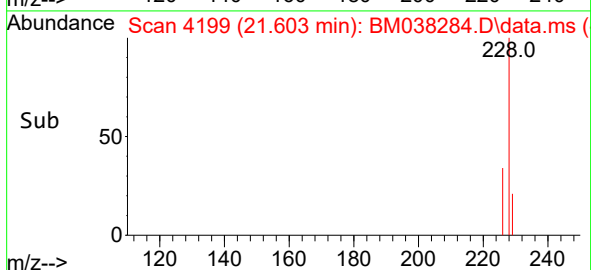
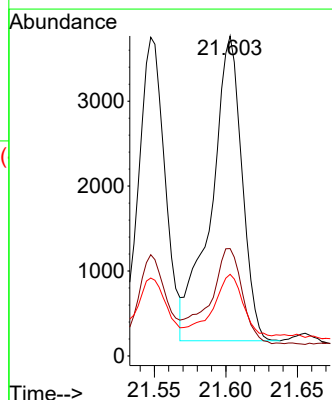
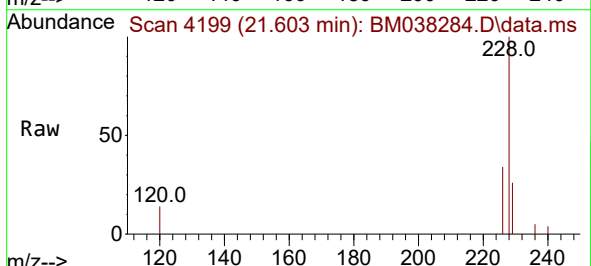
Delta R.T. -0.003 min

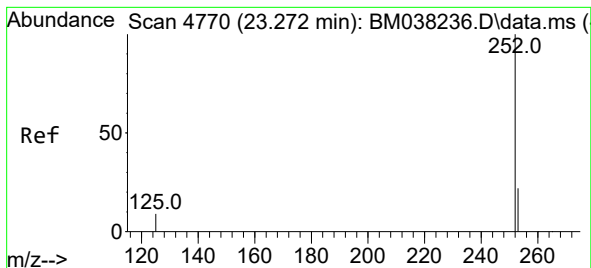
Lab File: BM038284.D

Acq: 24 Dec 2022 23:19

Tgt Ion:228 Resp: 5361

Ion	Ratio	Lower	Upper
228	100		
226	33.5	25.0	37.4
229	25.5	16.0	24.0#





#24

Benzo(b)fluoranthene

Concen: 0.251 ng/ul

RT: 23.263 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM038284.D

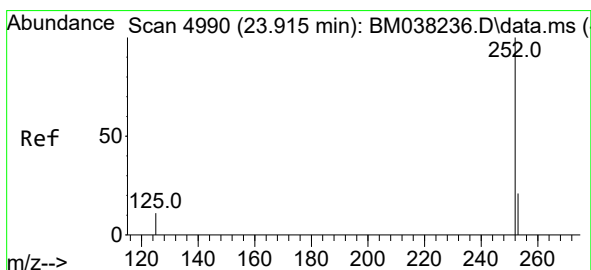
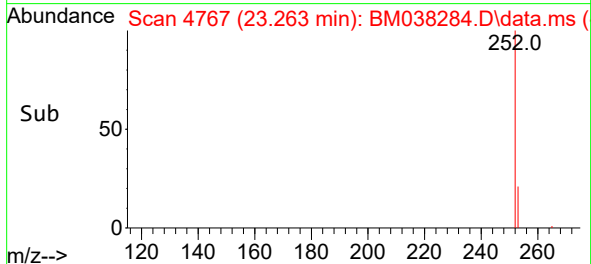
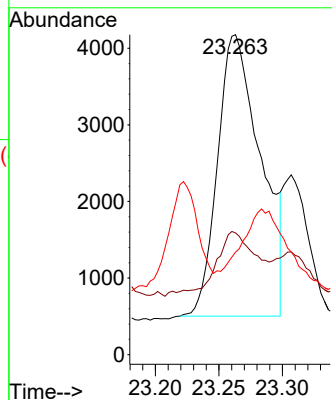
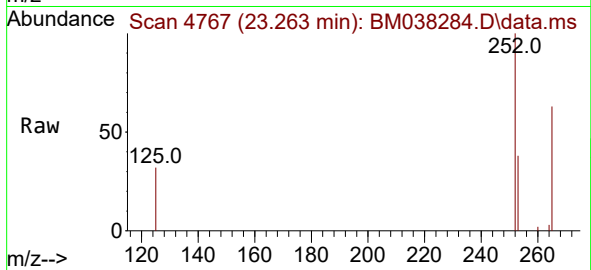
Acq: 24 Dec 2022 23:19

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:252	Resp:	8710
Ion Ratio	Lower	Upper
252	100	
253	38.0	0.0 56.0
125	32.1	0.0 36.6



#26

Benzo(a)pyrene

Concen: 0.183 ng/ul

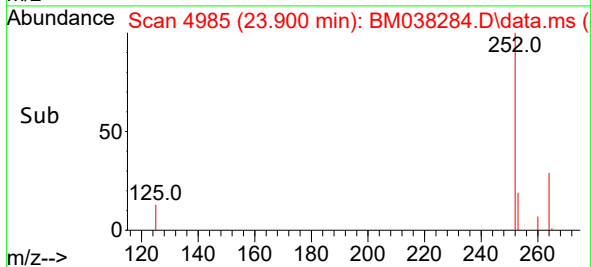
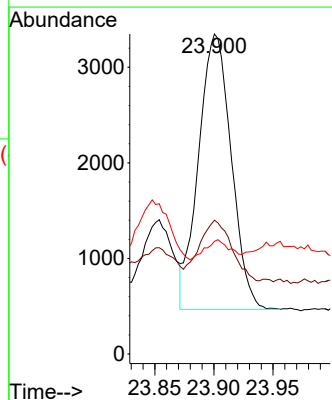
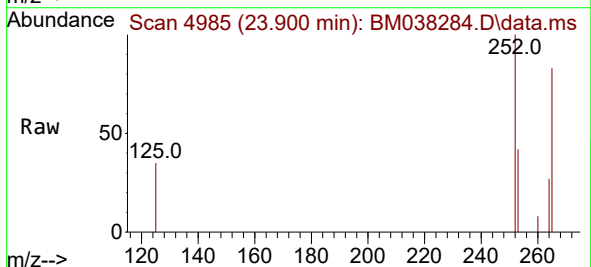
RT: 23.900 min Scan# 4985

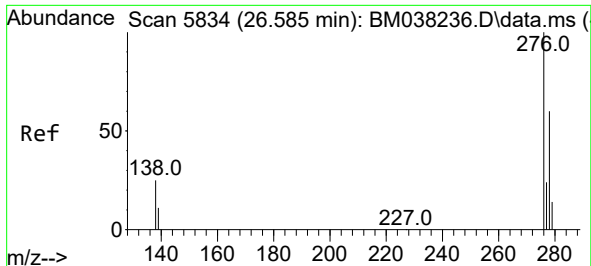
Delta R.T. -0.006 min

Lab File: BM038284.D

Acq: 24 Dec 2022 23:19

Tgt Ion:252	Resp:	5531
Ion Ratio	Lower	Upper
252	100	
253	41.8	24.2 36.4#
125	35.2	17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.114 ng/ul

RT: 26.568 min Scan# 5829

Delta R.T. -0.000 min

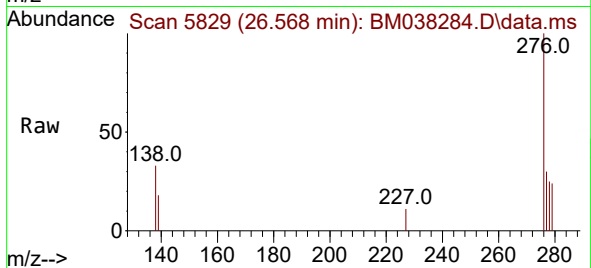
Lab File: BM038284.D

Acq: 24 Dec 2022 23:19

Instrument :

BNA_M

ClientSampleId :



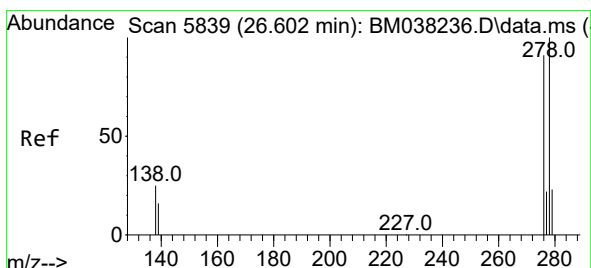
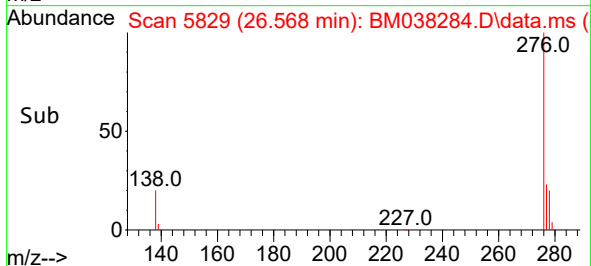
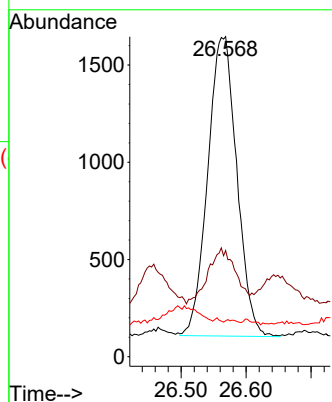
Tgt Ion:276 Resp: 4789

Ion Ratio Lower Upper

276 100

138 0.0 21.7 32.5#

227 0.6 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.036 ng/ul

RT: 26.572 min Scan# 5830

Delta R.T. -0.017 min

Lab File: BM038284.D

Acq: 24 Dec 2022 23:19

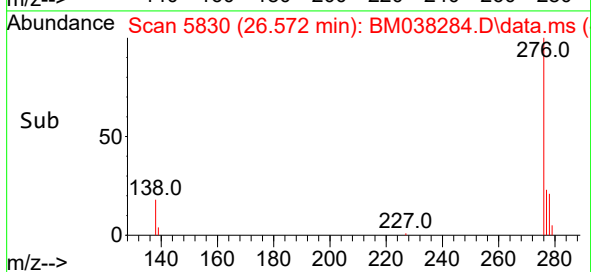
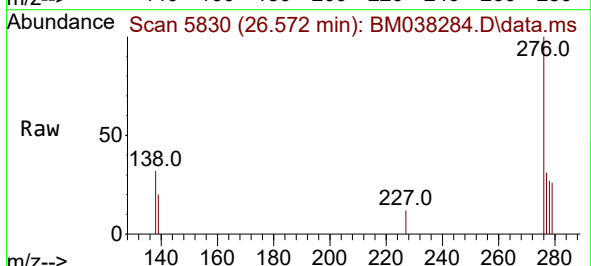
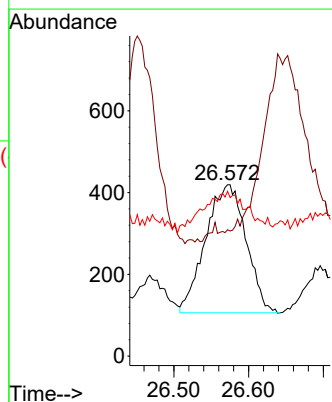
Tgt Ion:278 Resp: 1180

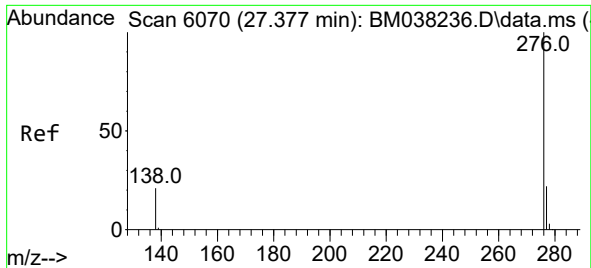
Ion Ratio Lower Upper

278 100

139 73.7 16.8 25.2#

279 96.2 23.4 35.2#





#29

Benzo(g,h,i)perylene

Concen: 0.146 ng/ul

RT: 27.357 min Scan# 60

Delta R.T. -0.003 min

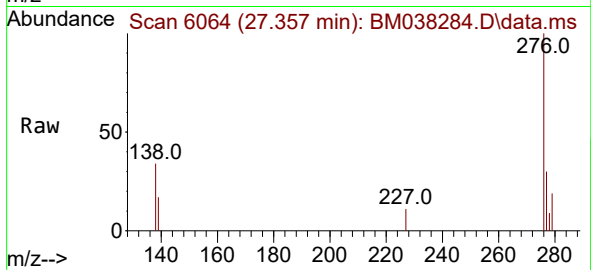
Lab File: BM038284.D

Acq: 24 Dec 2022 23:19

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:276 Resp: 5150

Ion Ratio Lower Upper

276 100

138 34.5 20.8 31.2#

277 29.7 20.5 30.7

