

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121522\  
 Data File : BM038039.D  
 Acq On : 15 Dec 2022 19:33  
 Operator : CG/JU  
 Sample : N5983-09DL 5X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 COLC0DL

Quant Time: Dec 15 23:45:25 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM121522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 15 21:53:17 2022  
 Response via : Initial Calibration

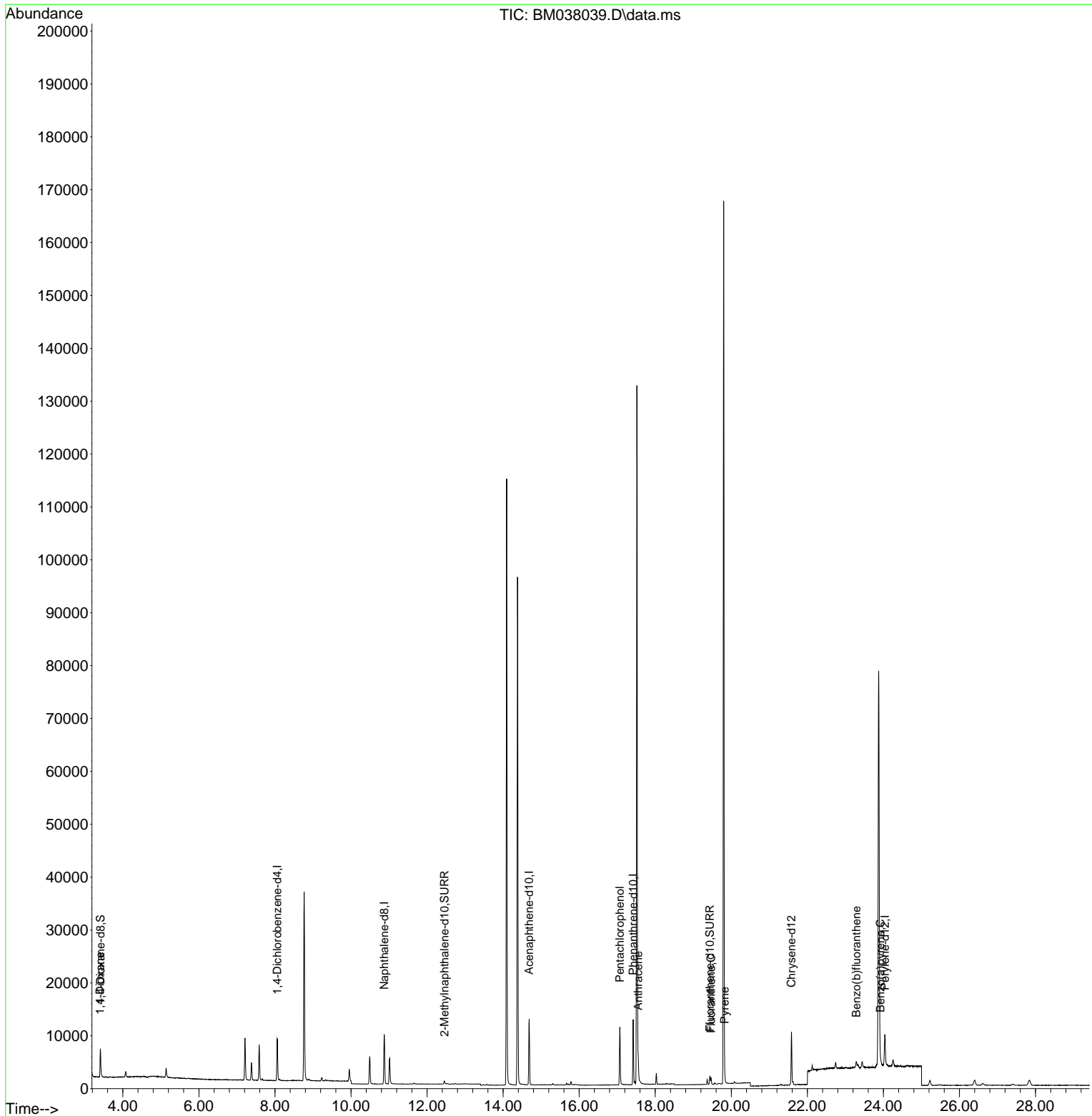
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.060	152	4130	0.400	ng/ul	0.00
4) Naphthalene-d8	10.873	136	12258	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.685	164	6739	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.422	188	13503	0.400	ng/ul	0.00
17) Chrysene-d12	21.583	240	8795	0.400	ng/ul	0.00
23) Perylene-d12	24.038	264	8305	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	3791	0.672	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	759	0.042	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	1561	0.049	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.402	88	106	0.021	ng/ul#	42
14) Pentachlorophenol	17.071	266	7151	1.279	ng/ul	99
16) Anthracene	17.553	178	4262	0.101	ng/ul	94
19) Fluoranthene	19.469	202	1039	0.023	ng/ul#	78
20) Pyrene	19.826	202	1205	0.026	ng/ul#	74
24) Benzo(b)fluoranthene	23.287	252	1970	0.050	ng/ul#	29
26) Benzo(a)pyrene	23.924	252	753	0.023	ng/ul#	1

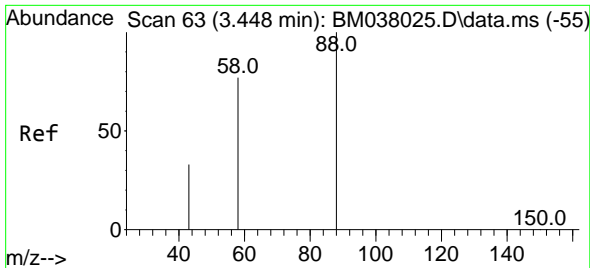
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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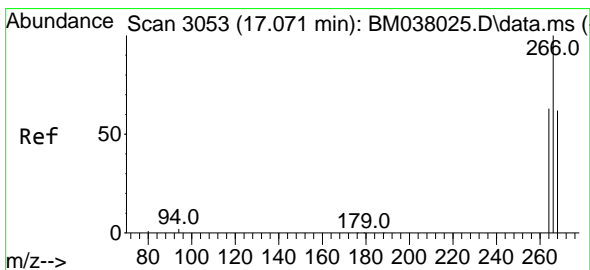
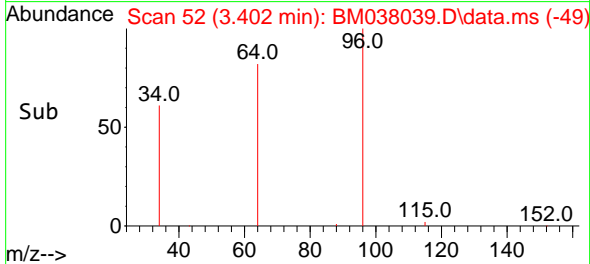
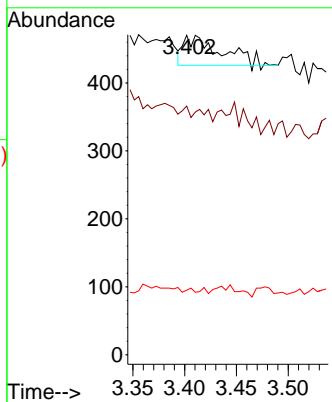
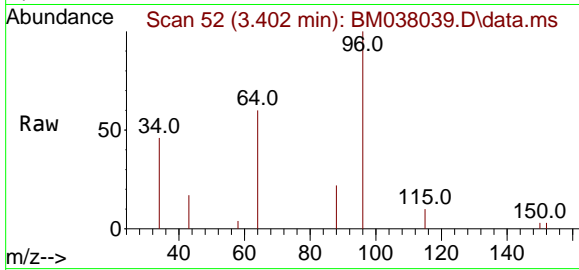




#2  
 1,4-Dioxane  
 Concen: 0.021 ng/ul  
 RT: 3.402 min Scan# 51  
 Delta R.T. -0.046 min  
 Lab File: BM038039.D  
 Acq: 15 Dec 2022 19:33

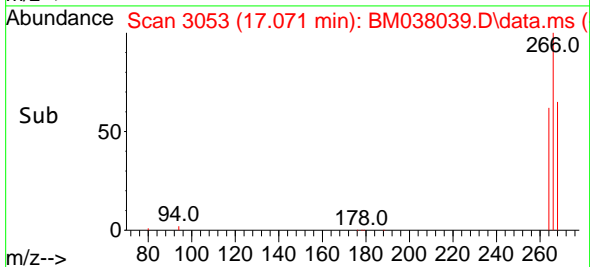
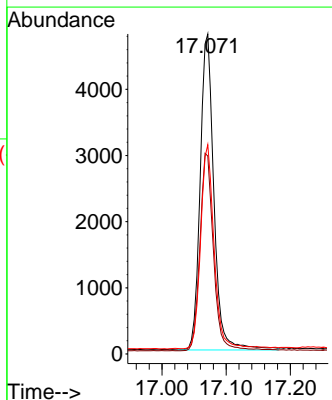
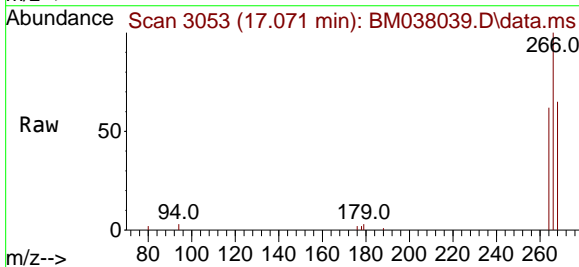
Instrument :  
 BNA\_M  
 ClientSampleId :  
 COLC0DL

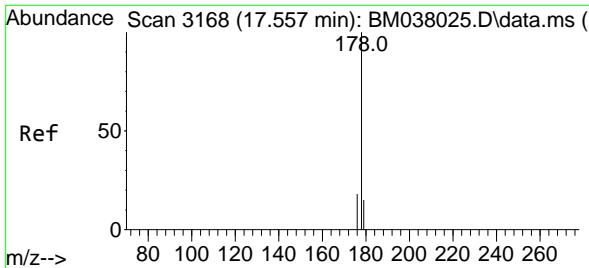
Tgt Ion	Resp	Lower	Upper
88	106		
43	77.9	31.4	47.0#
58	20.2	50.2	75.2#



#14  
 Pentachlorophenol  
 Concen: 1.279 ng/ul  
 RT: 17.071 min Scan# 3053  
 Delta R.T. 0.000 min  
 Lab File: BM038039.D  
 Acq: 15 Dec 2022 19:33

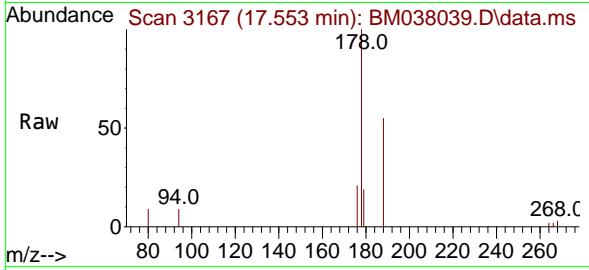
Tgt Ion	Resp	Lower	Upper
266	7151		
264	62.1	49.9	74.9
268	63.5	52.0	78.0



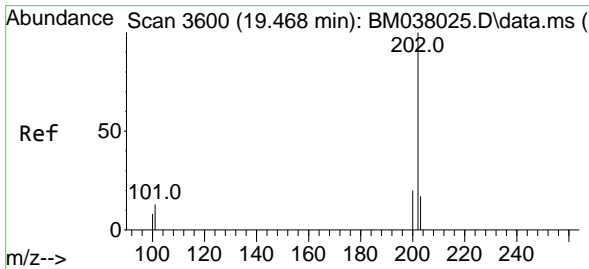
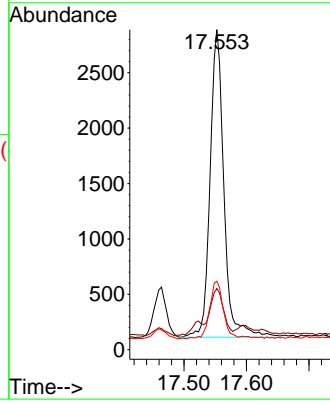
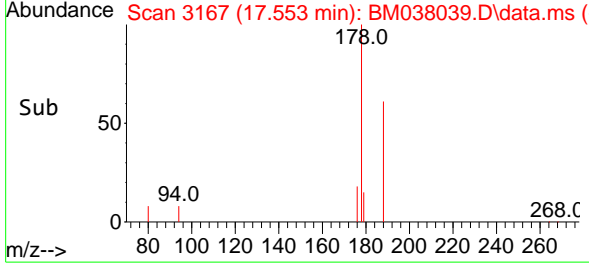


#16  
 Anthracene  
 Concen: 0.101 ng/u1  
 RT: 17.553 min Scan# 3167  
 Delta R.T. -0.004 min  
 Lab File: BM038039.D  
 Acq: 15 Dec 2022 19:33

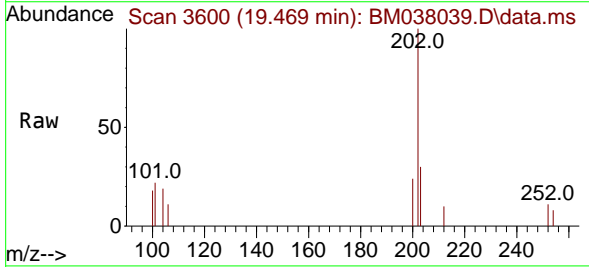
Instrument :  
 BNA\_M  
 ClientSampleId :  
 COLC0DL



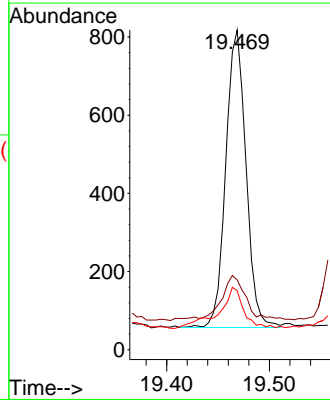
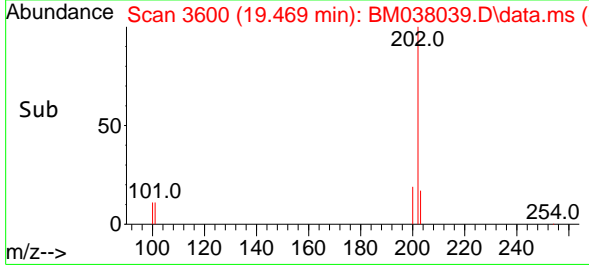
Tgt Ion:178 Resp: 4262  
 Ion Ratio Lower Upper  
 178 100  
 179 19.1 13.0 19.4  
 176 21.4 15.0 22.4

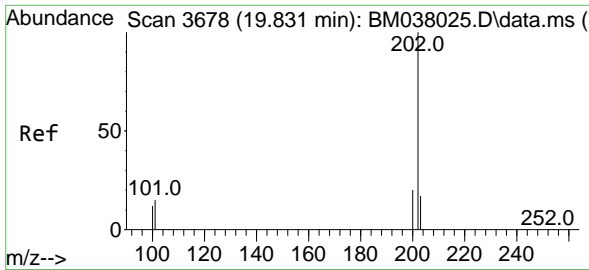


#19  
 Fluoranthene  
 Concen: 0.023 ng/u1  
 RT: 19.469 min Scan# 3600  
 Delta R.T. 0.000 min  
 Lab File: BM038039.D  
 Acq: 15 Dec 2022 19:33



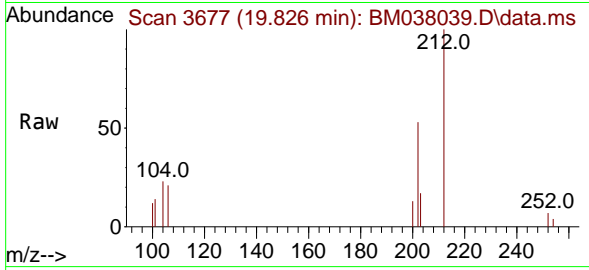
Tgt Ion:202 Resp: 1039  
 Ion Ratio Lower Upper  
 202 100  
 101 21.9 10.6 15.8#  
 100 18.5 7.9 11.9#





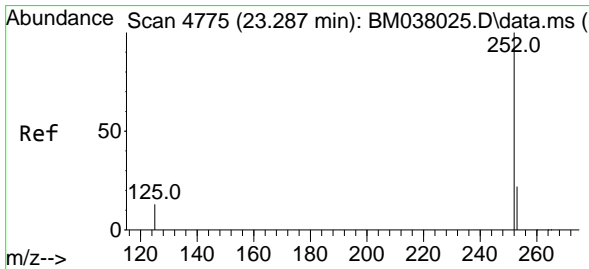
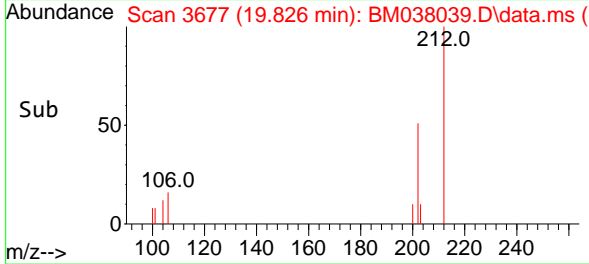
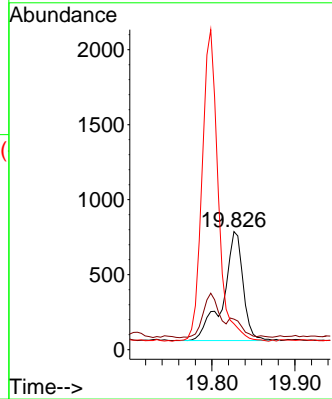
#20  
 Pyrene  
 Concen: 0.026 ng/u1  
 RT: 19.826 min Scan# 3677  
 Delta R.T. -0.004 min  
 Lab File: BM038039.D  
 Acq: 15 Dec 2022 19:33

Instrument : BNA\_M  
 ClientSampleId : COLC0DL



Tgt Ion: 202 Resp: 1205

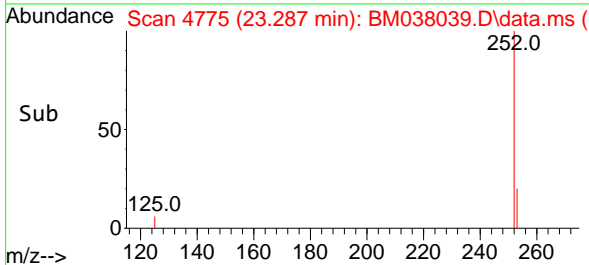
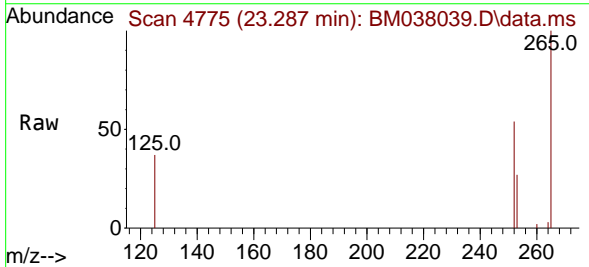
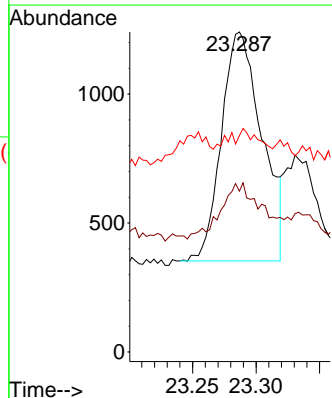
Ion	Ratio	Lower	Upper
202	100		
101	25.9	12.1	18.1#
100	22.0	9.8	14.6#

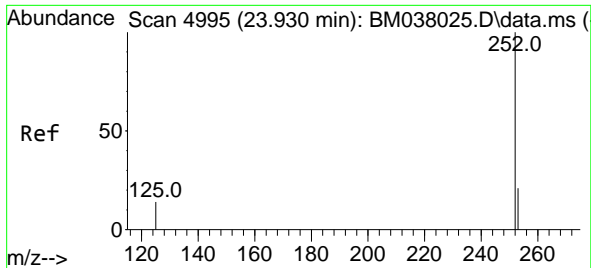


#24  
 Benzo(b)fluoranthene  
 Concen: 0.050 ng/u1  
 RT: 23.287 min Scan# 4775  
 Delta R.T. 0.000 min  
 Lab File: BM038039.D  
 Acq: 15 Dec 2022 19:33

Tgt Ion: 252 Resp: 1970

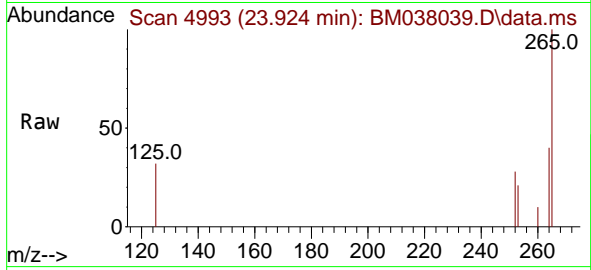
Ion	Ratio	Lower	Upper
252	100		
253	50.3	0.0	51.8
125	67.6	0.0	42.2#





#26  
 Benzo(a)pyrene  
 Concen: 0.023 ng/ul  
 RT: 23.924 min Scan# 4993  
 Delta R.T. -0.006 min  
 Lab File: BM038039.D  
 Acq: 15 Dec 2022 19:33

Instrument :  
 BNA\_M  
 ClientSampleId :  
 COLC0DL



Tgt Ion:252 Resp: 753  
 Ion Ratio Lower Upper  
 252 100  
 253 73.7 21.9 32.9#  
 125 111.6 20.7 31.1#

