

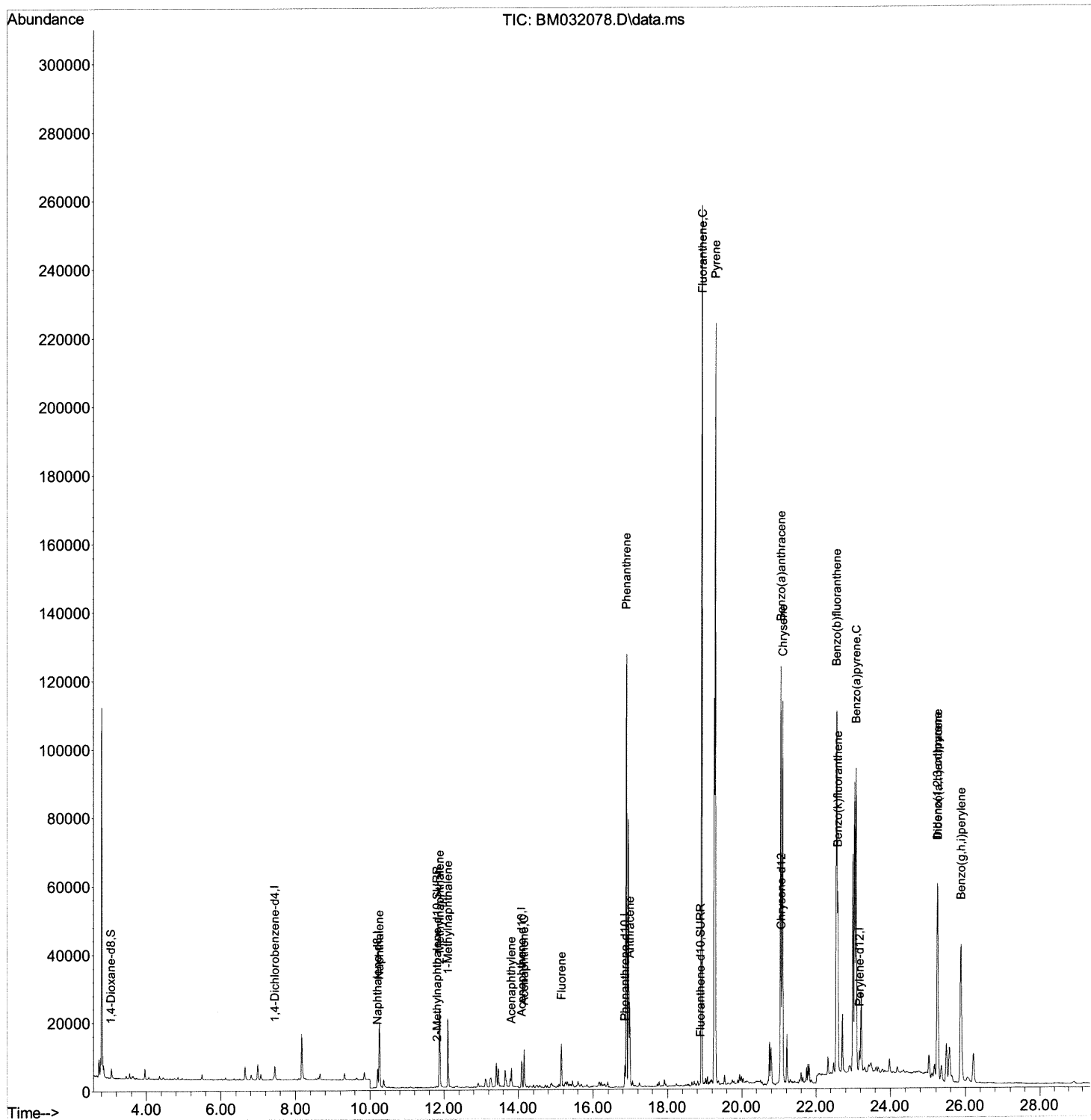
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
Data File : BM032078.D
Acq On : 04 Sep 2021 15:24
Operator : CG/JU
Sample : M3518-02DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AX1DL

Manual Integrations
APPROVED

mohammad
9/7/2021 11:38:44 AM

Quant Time: Sep 06 02:30:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM090321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 16:21:27 2021
Response via : Initial Calibration



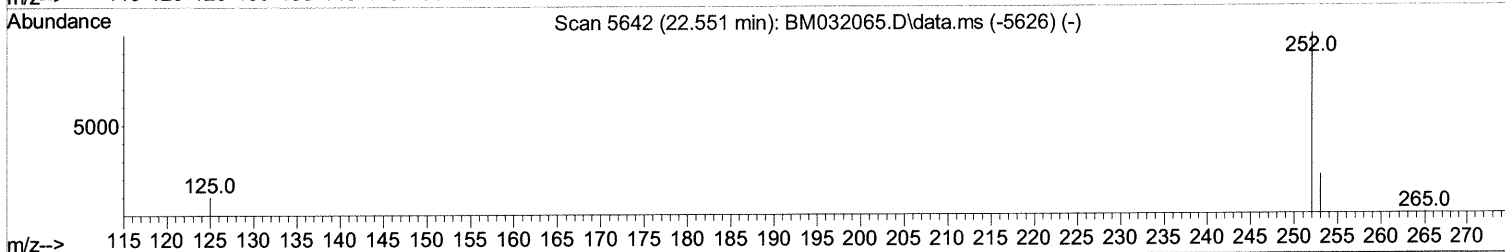
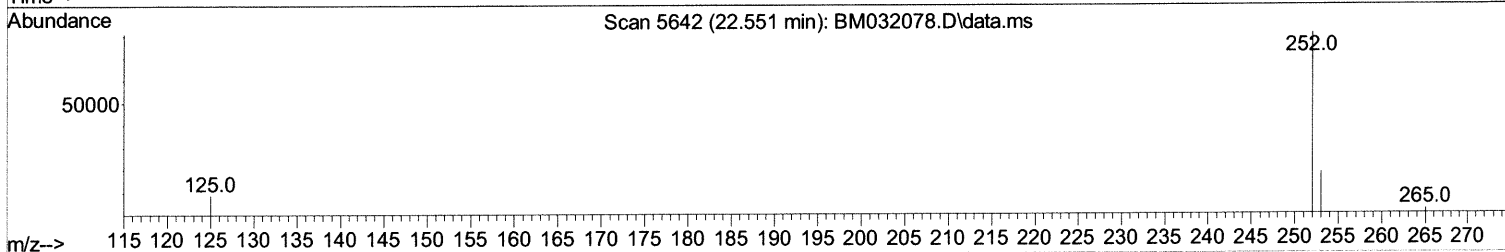
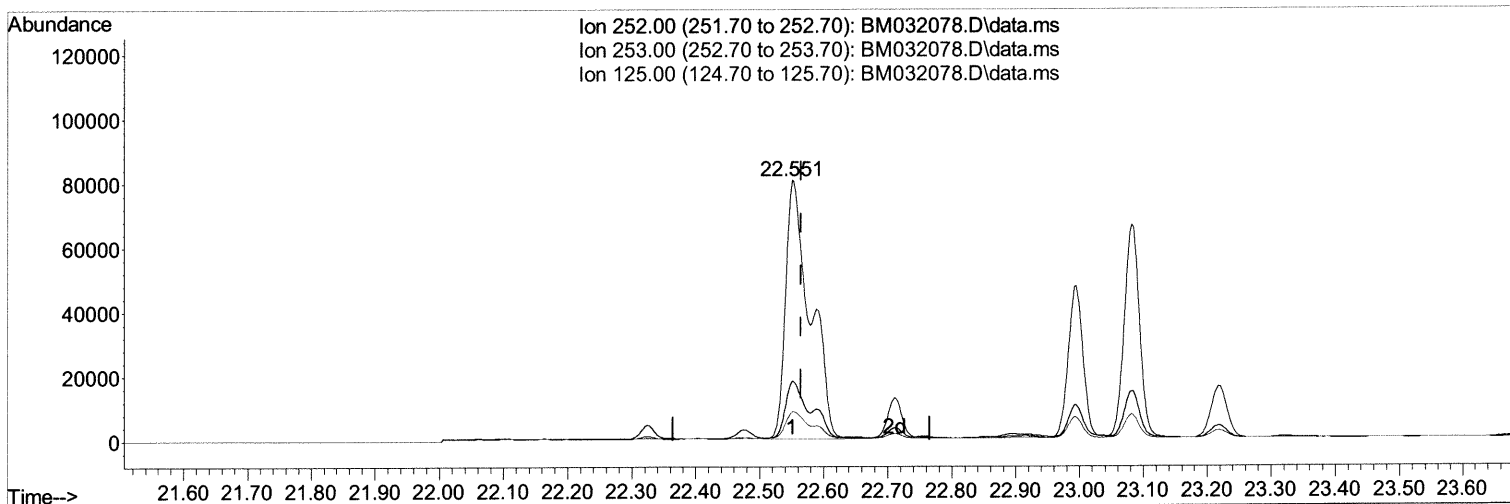
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TIC: BM032078.D\data.ms

(24) Benzo(b)fluoranthene

22.551min (-0.014) 6.91 ng/ul

response 213859

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.50	22.88
125.00	14.20	10.91
0.00	0.00	0.00

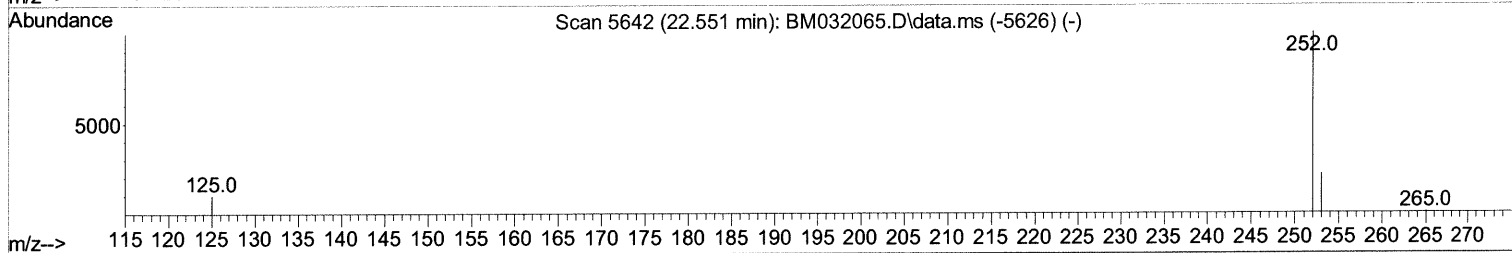
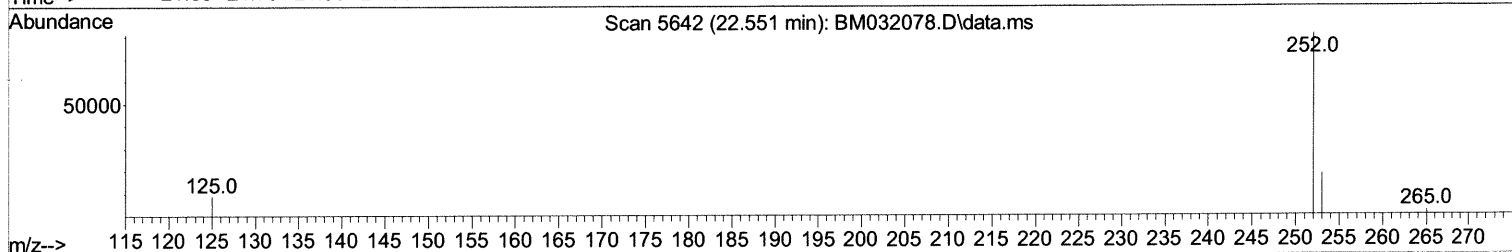
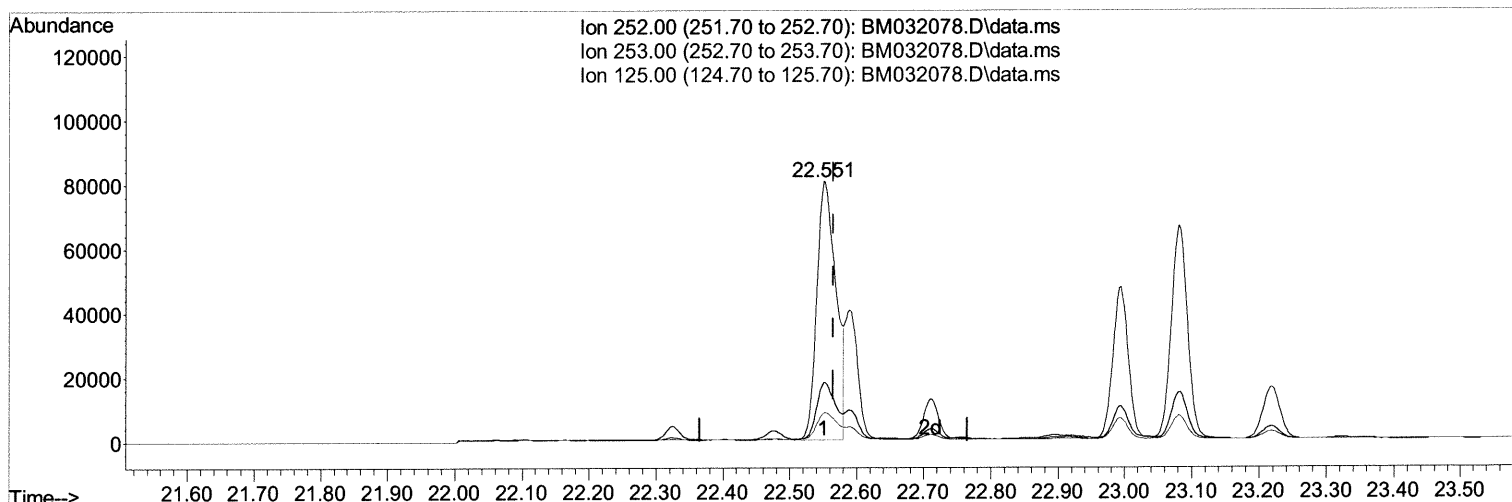
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(24) Benzo(b)fluoranthene

22.551min (-0.014) 5.14 ng/ul m 09/08/21 JU

response 158993

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.50	22.88
125.00	14.20	10.91
0.00	0.00	0.00

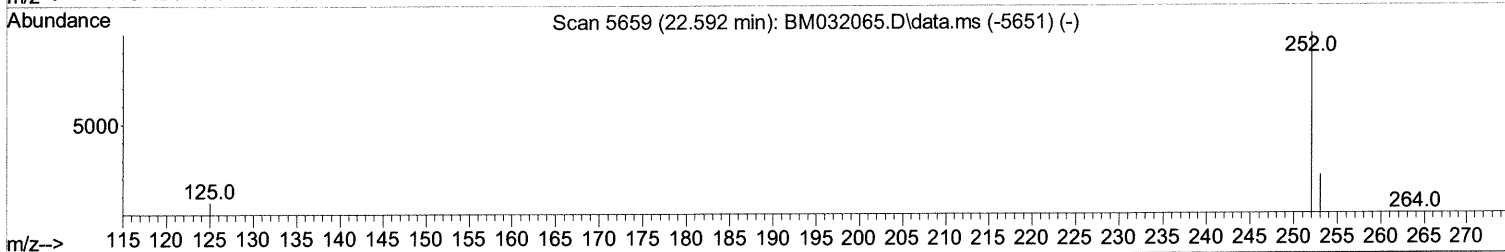
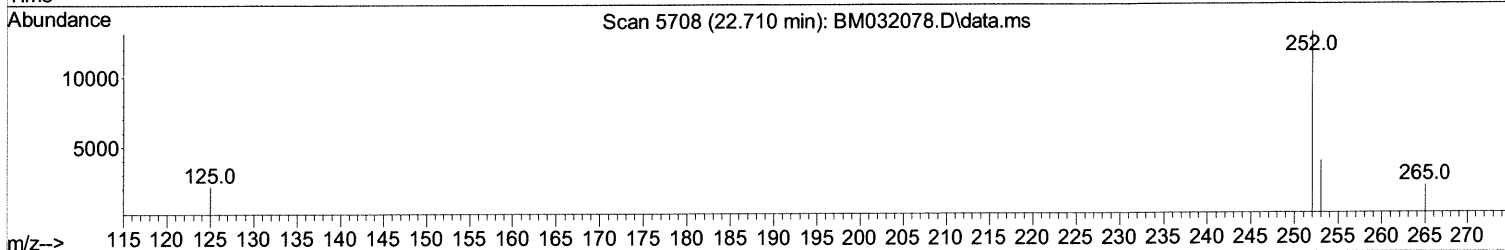
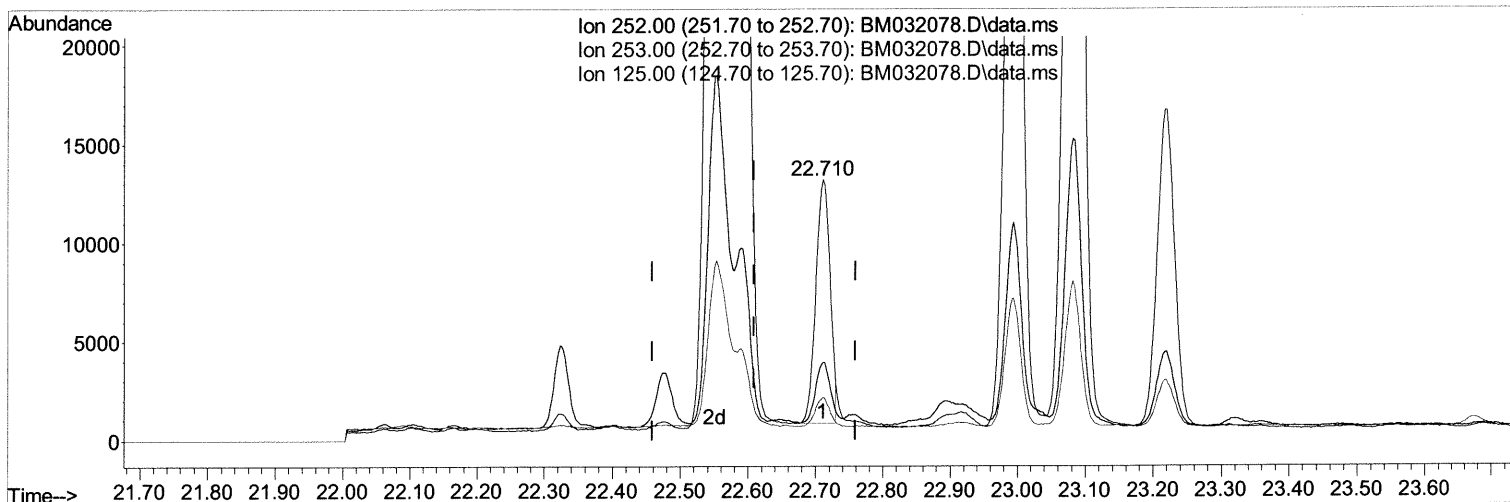
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(25) Benzo(k)fluoranthene

22.710min (+ 0.102) 0.57 ng/u1

response 18211

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.50	29.79
125.00	13.70	16.30
0.00	0.00	0.00

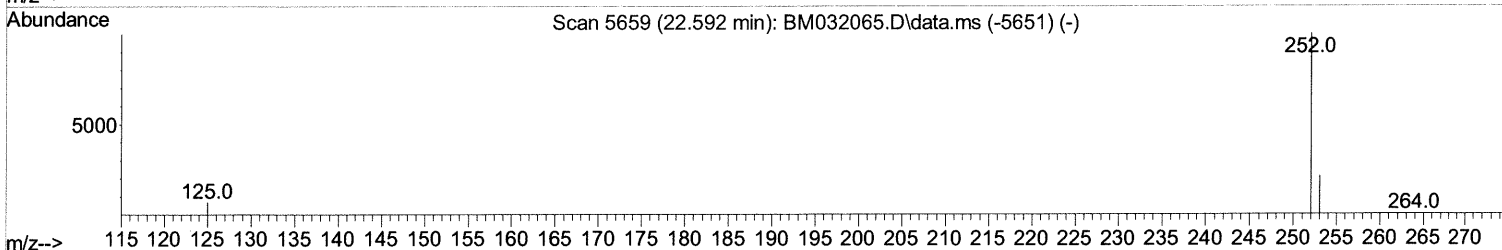
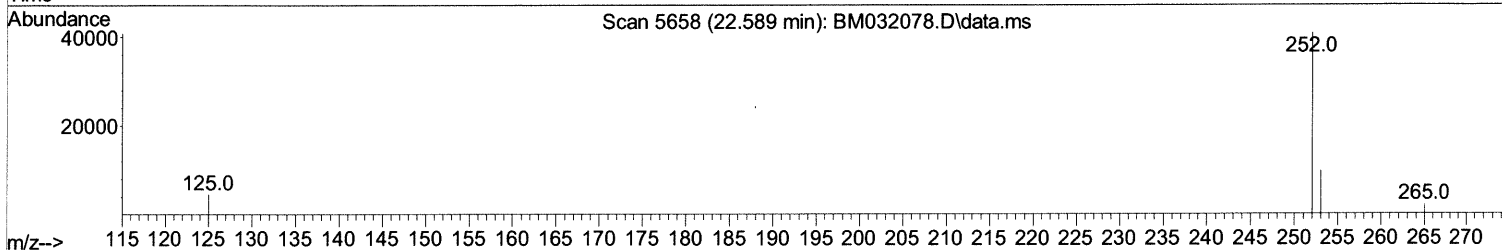
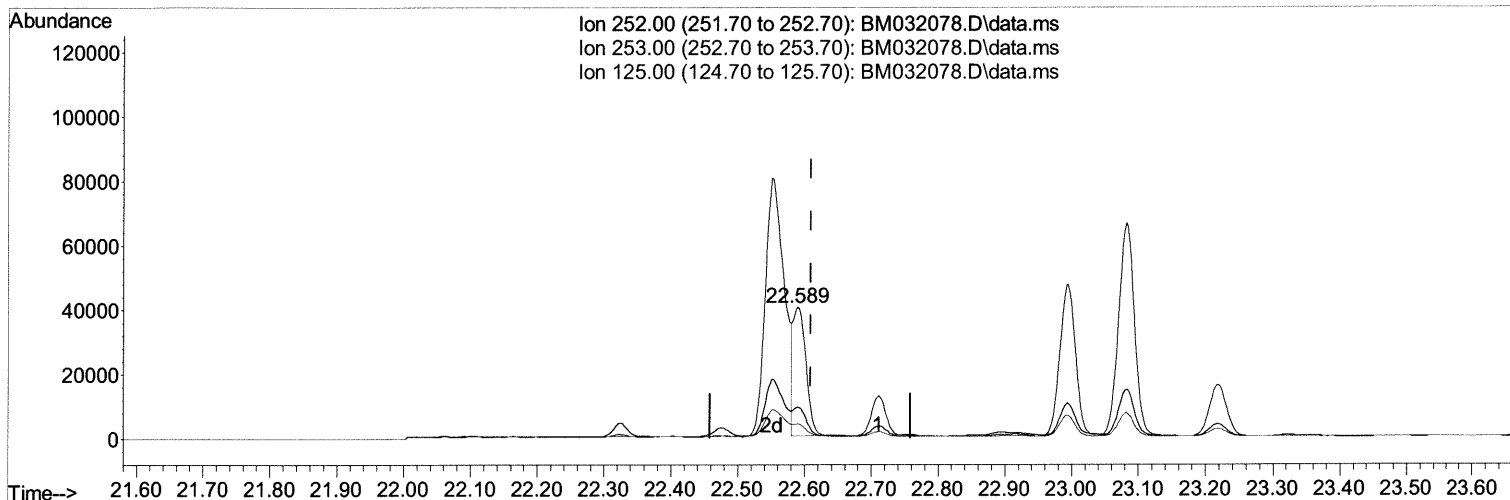
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TIC: BM032078.D\data.ms

(25) Benzo(k)fluoranthene

22.589min (-0.019) 1.67 ng/ul m 09/08/21JU

response 53326

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.50	23.91#
125.00	13.70	11.38
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.452	152	2117	0.400	ng/ul	0.00
4) Naphthalene-d8	10.203	136	7367	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.095	164	3675	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	16.852	188	7079	0.400	ng/ul	-0.01
17) Chrysene-d12	21.059	240	6265	0.400	ng/ul	#-0.01
23) Perylene-d12	23.173	264	6730	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	2013	0.866	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.804	152	585	0.051	ng/ul	-0.02
18) Fluoranthene-d10	18.889	212	1050	0.057	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.253	128	25925	1.326	ng/ul	95
7) 2-Methylnaphthalene	11.881	142	17843	1.308	ng/ul	97
8) 1-Methylnaphthalene	12.101	142	13978	1.041	ng/ul	97
10) Acenaphthylene	13.815	152	4301	0.290	ng/ul	95
11) Acenaphthene	14.159	153	6481	0.534	ng/ul	94
12) Fluorene	15.156	166	7439	0.526	ng/ul	98
15) Phenanthrene	16.893	178	126491	5.871	ng/ul	97
16) Anthracene	16.983	178	24422	1.292	ng/ul	97
19) Fluoranthene	18.923	202	218606	8.073	ng/ul	99
20) Pyrene	19.285	202	183126	6.562	ng/ul	97
21) Benzo(a)anthracene	21.045	228	99610	4.352	ng/ul	98
22) Chrysene	21.096	228	102455	3.898	ng/ul	99
24) Benzo(b)fluoranthene	22.551	252	158993m	5.139	ng/ul	>
25) Benzo(k)fluoranthene	22.589	252	53326m	1.671	ng/ul	>
26) Benzo(a)pyrene	23.081	252	111584	4.127	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.240	276	84681	2.299	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.245	278	20908	0.706	ng/ul	93
29) Benzo(g,h,i)perylene	25.875	276	78465	2.394	ng/ul	95

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

09/08/21 JU