

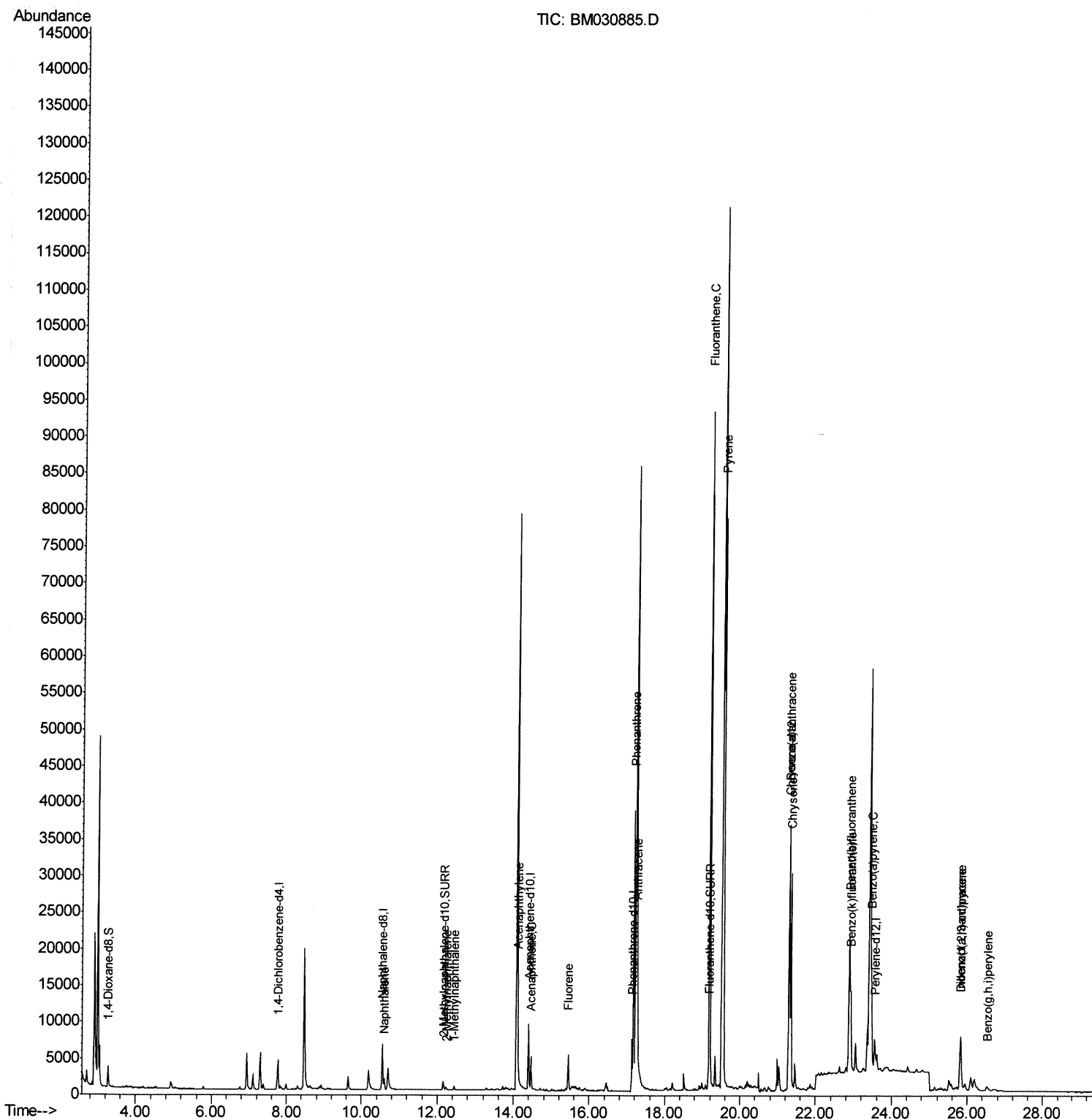
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030885.D
Acq On : 08 Jul 2021 15:17
Operator : CG/JU
Sample : M2825-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDP4

Manual Integrations
APPROVED

mohammad
7/9/2021 2:48:00 PM

Quant Time: Jul 08 16:02:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 10:44:22 2021
Response via : Initial Calibration

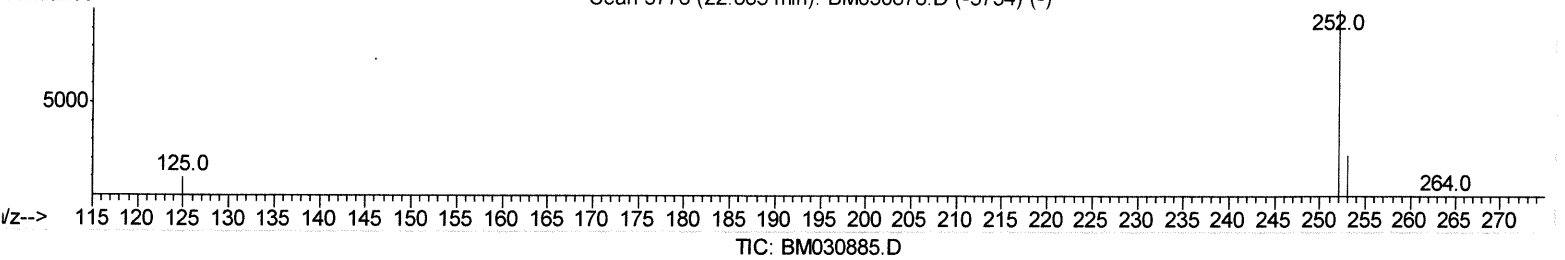
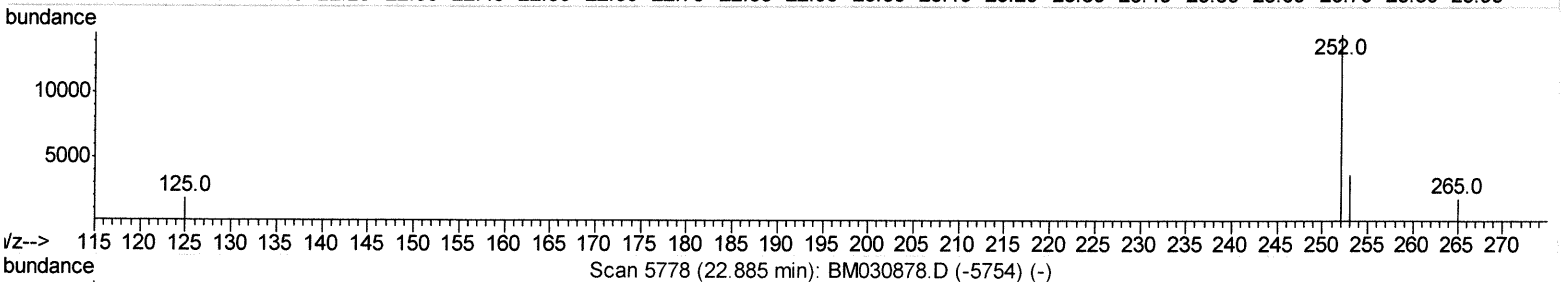
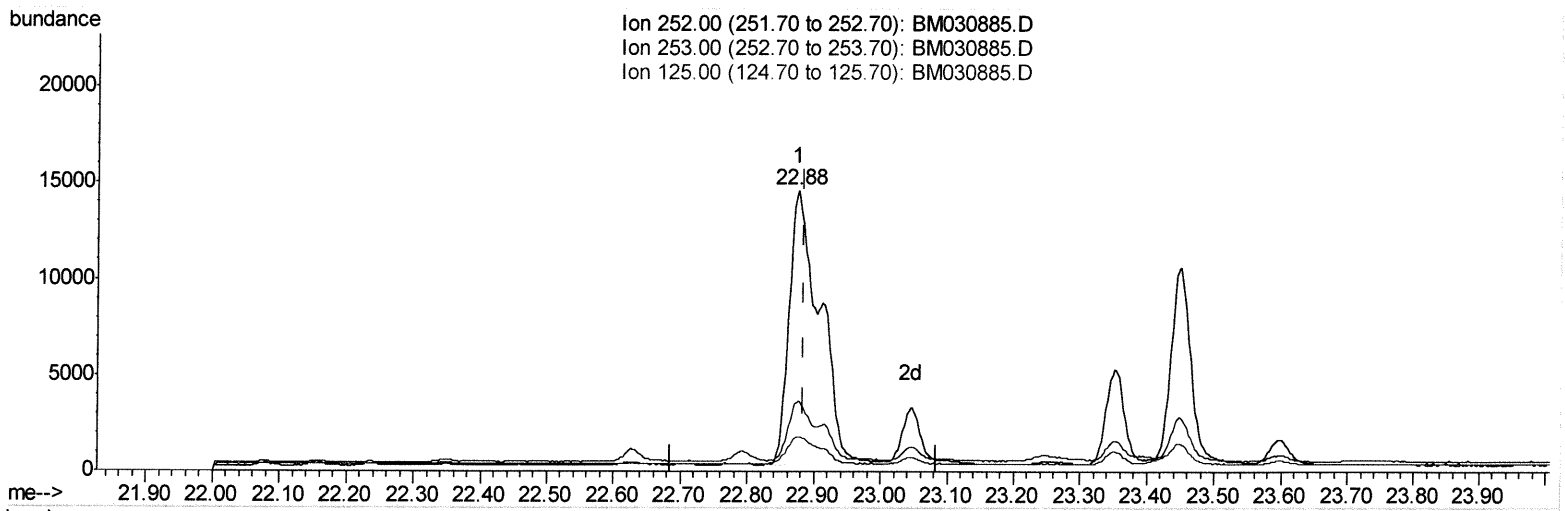


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(24) Benzo(b)fluoranthene
 22.876min (-0.010) 1.71ng/ul
 response 46134

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	25.10
125.00	13.90	12.39
0.00	0.00	0.00

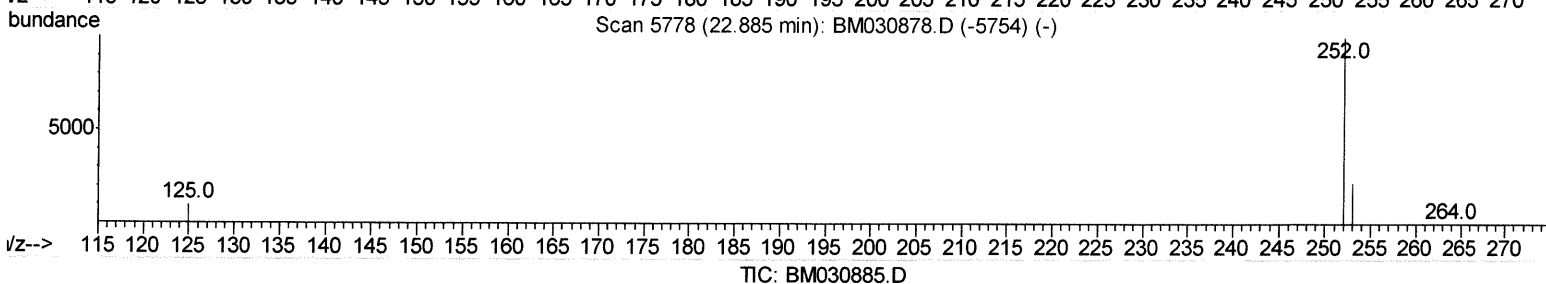
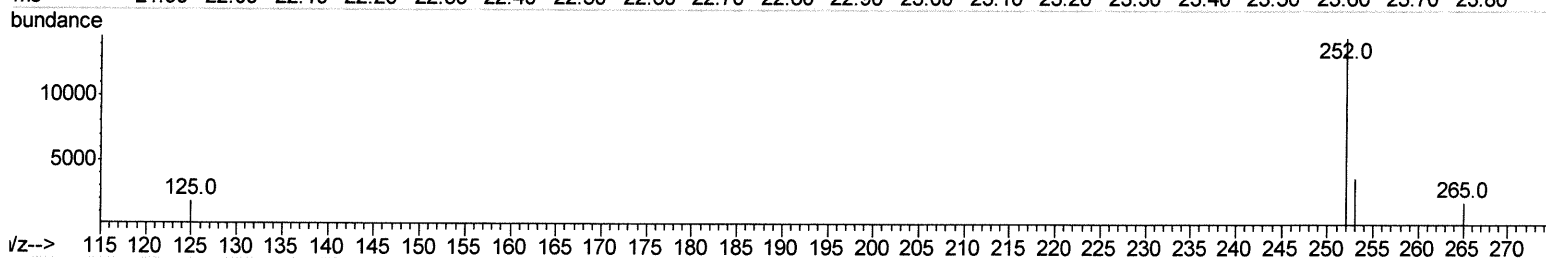
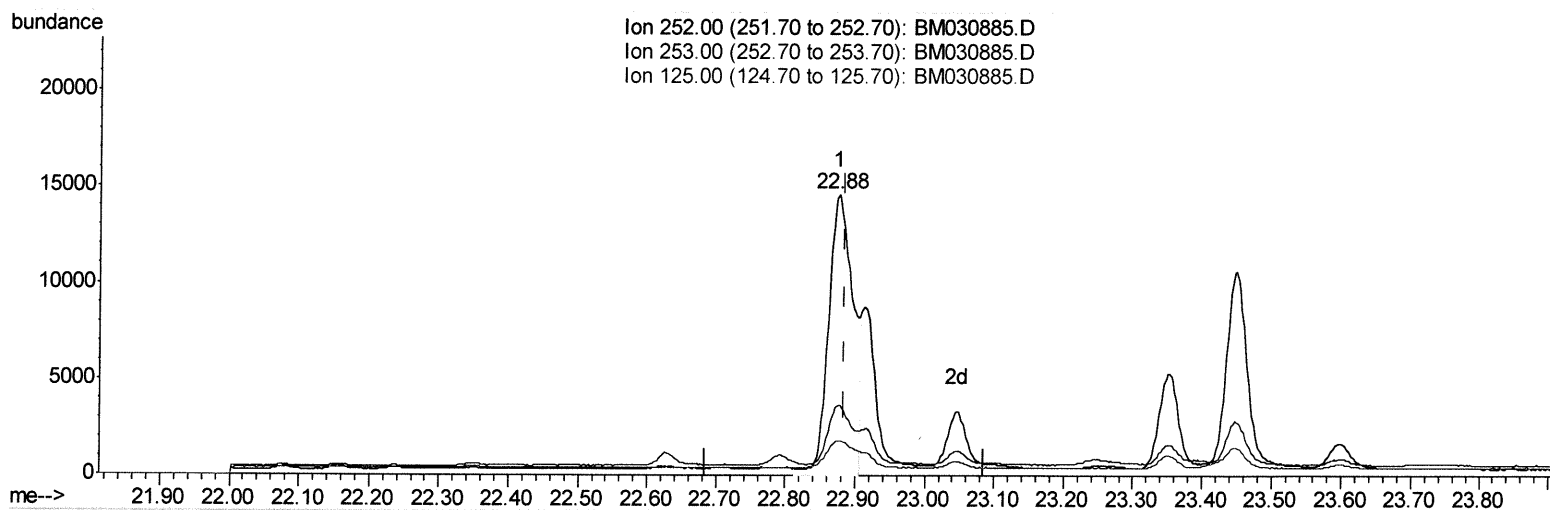
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(24) Benzo(b)fluoranthene

22.876min (-0.010) 1.30ng/ul m 07/12/21 JU

response 34935

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	25.10
125.00	13.90	12.39
0.00	0.00	0.00

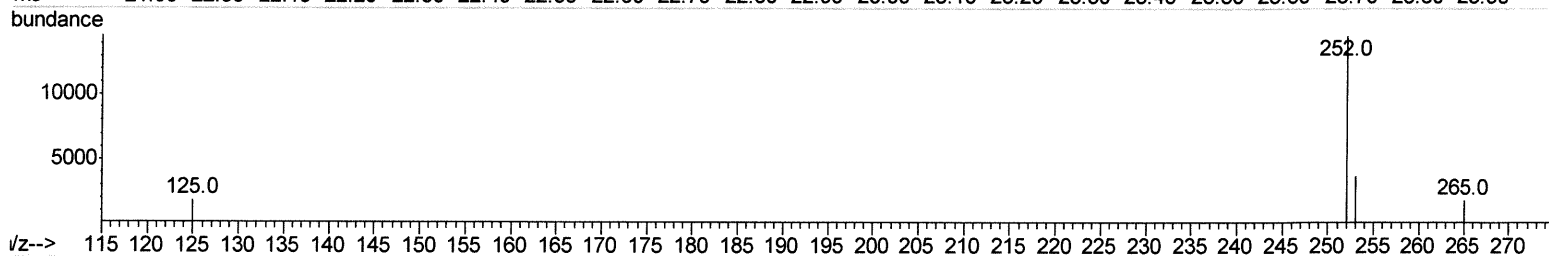
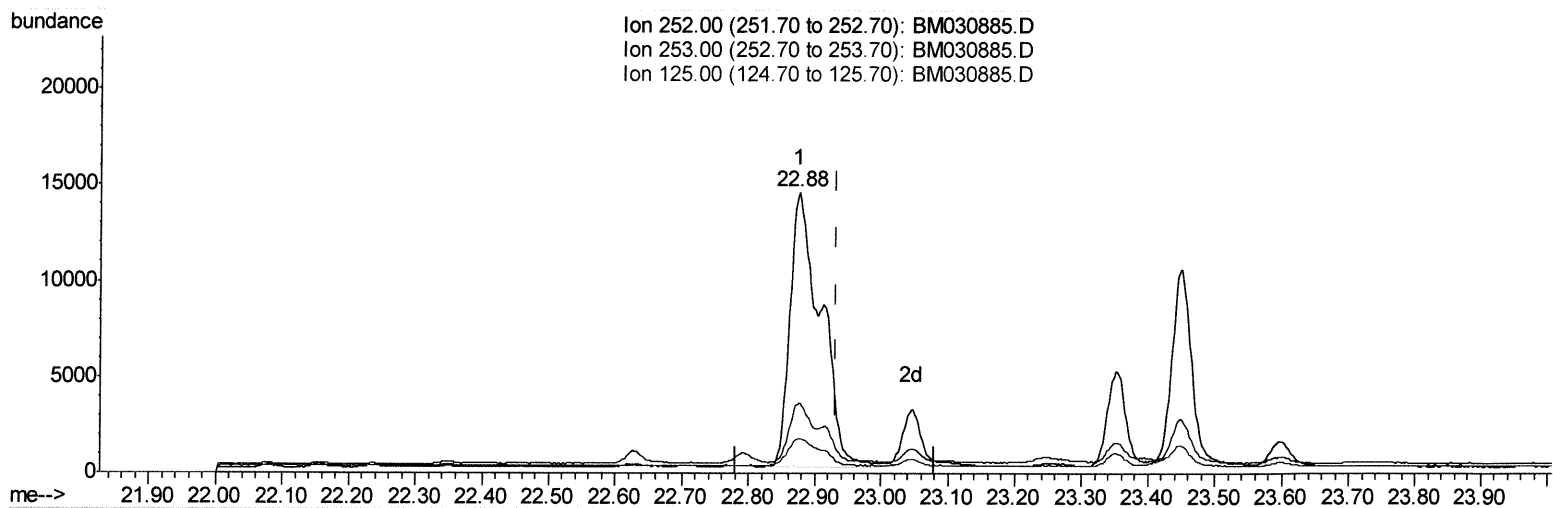
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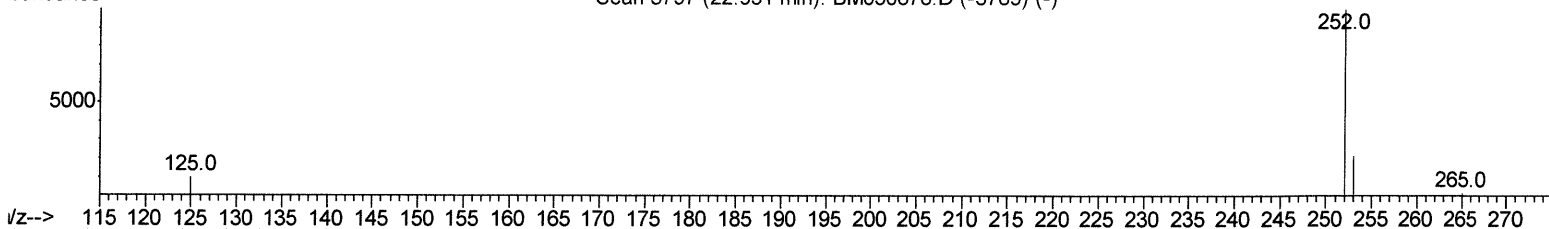
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Scan 5797 (22.931 min): BM030878.D (-5789) (-)



TIC: BM030885.D

(25) Benzo(k)fluoranthene

22.876min (-0.056) 1.66ng/ul

response 46134

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	25.10
125.00	13.70	12.39
0.00	0.00	0.00

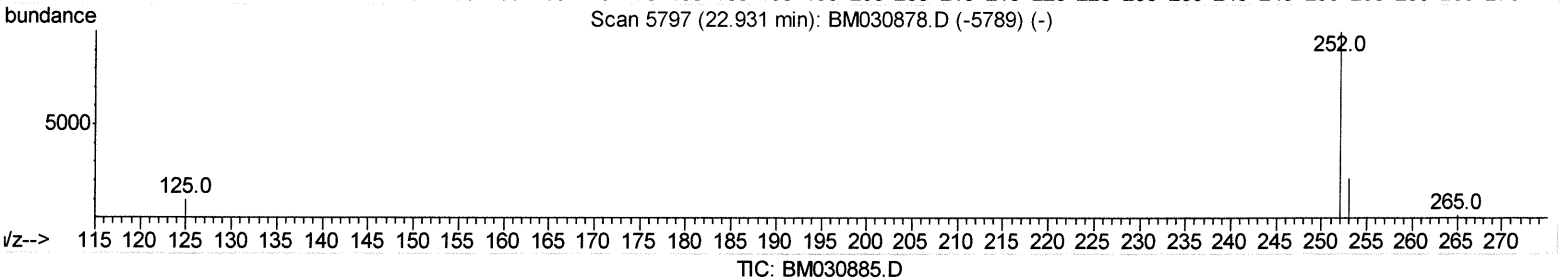
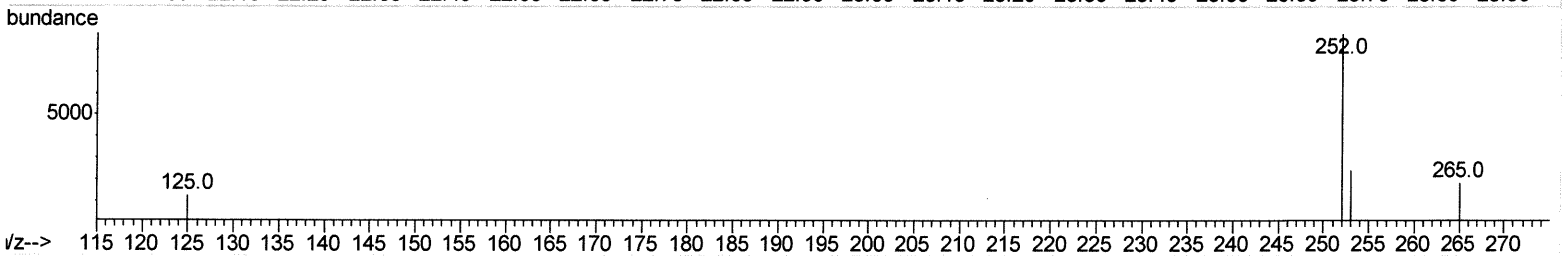
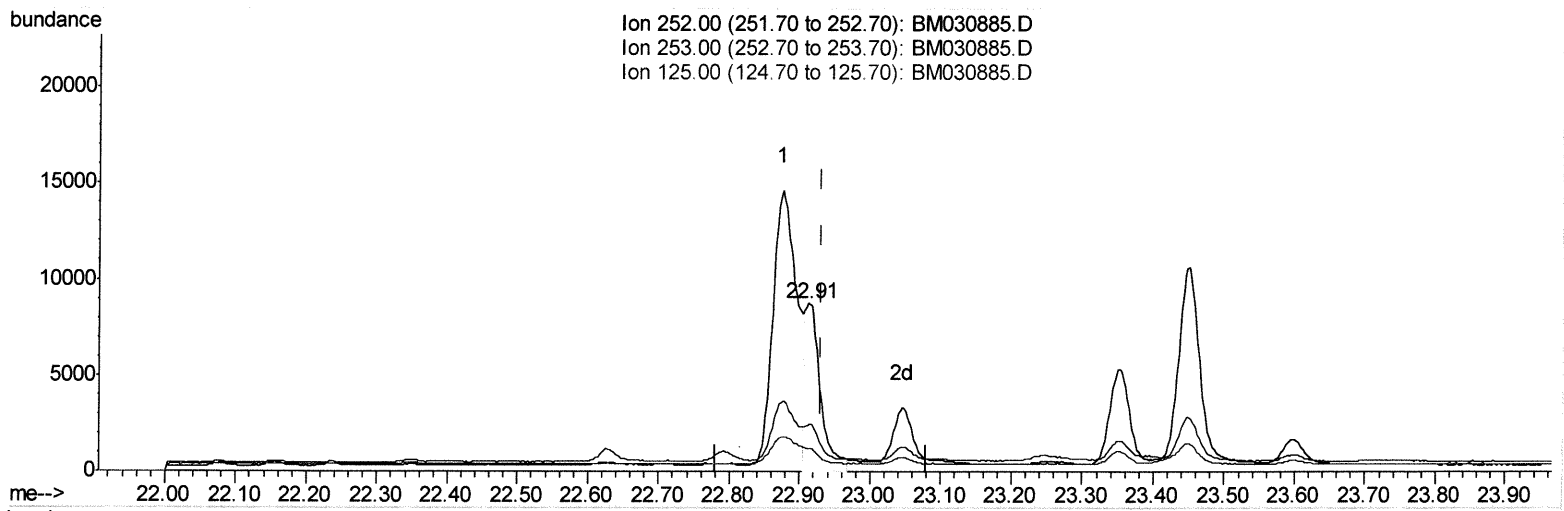
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(25) Benzo(k)fluoranthene

22.912min (-0.019) 0.50ng/ul m 07/12/21 JU

response 13959

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	27.63
125.00	13.70	13.91
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	2288	0.40	ng/ul	0.00
4) Naphthalene-d8	10.55	136	9193	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.39	164	5250	0.40	ng/ul	-0.01
13) Phenanthrene-d10	17.13	188	9406	0.40	ng/ul	-0.02
17) Chrysene-d12	21.30	240	6717	0.40	ng/ul	-0.01
23) Perylene-d12	23.55	264	6089	0.40	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.27	96	2139	0.86	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.16	152	2093	0.14	ng/ul	0.00
18) Fluoranthene-d10	19.16	212	3571	0.19	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	10.60	128	2025	0.077	ng/ul#	90
7) 2-Methylnaphthalene	12.23	142	398	0.023	ng/ul	98
8) 1-Methylnaphthalene	12.44	142	475	0.028	ng/ul	96
10) Acenaphthylene	14.11	152	2282	0.097	ng/ul#	92
11) Acenaphthene	14.46	153	2803	0.148	ng/ul	99
12) Fluorene	15.44	166	3334	0.159	ng/ul#	98
15) Phenanthrene	17.17	178	45581	1.441	ng/ul	100
16) Anthracene	17.27	178	16156	0.583	ng/ul	98
19) Fluoranthene	19.19	202	84981	2.866	ng/ul	97
20) Pyrene	19.55	202	68000	2.281	ng/ul	99
21) Benzo(a)anthracene	21.29	228	34390	1.284	ng/ul	96
22) Chrysene	21.34	228	28862	0.962	ng/ul	97
24) Benzo(b)fluoranthene	22.88	252	34935m	1.295	ng/ul	>
25) Benzo(k)fluoranthene	22.91	252	13959m	0.502	ng/ul	>
26) Benzo(a)pyrene	23.45	252	20934	0.913	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.82	276	13186	0.441	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.82	278	3626	0.151	ng/ul#	76
29) Benzo(a,h,i)perylene	26.52	276	1603	0.062	ng/ul#	74

07/12/21 JU

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