

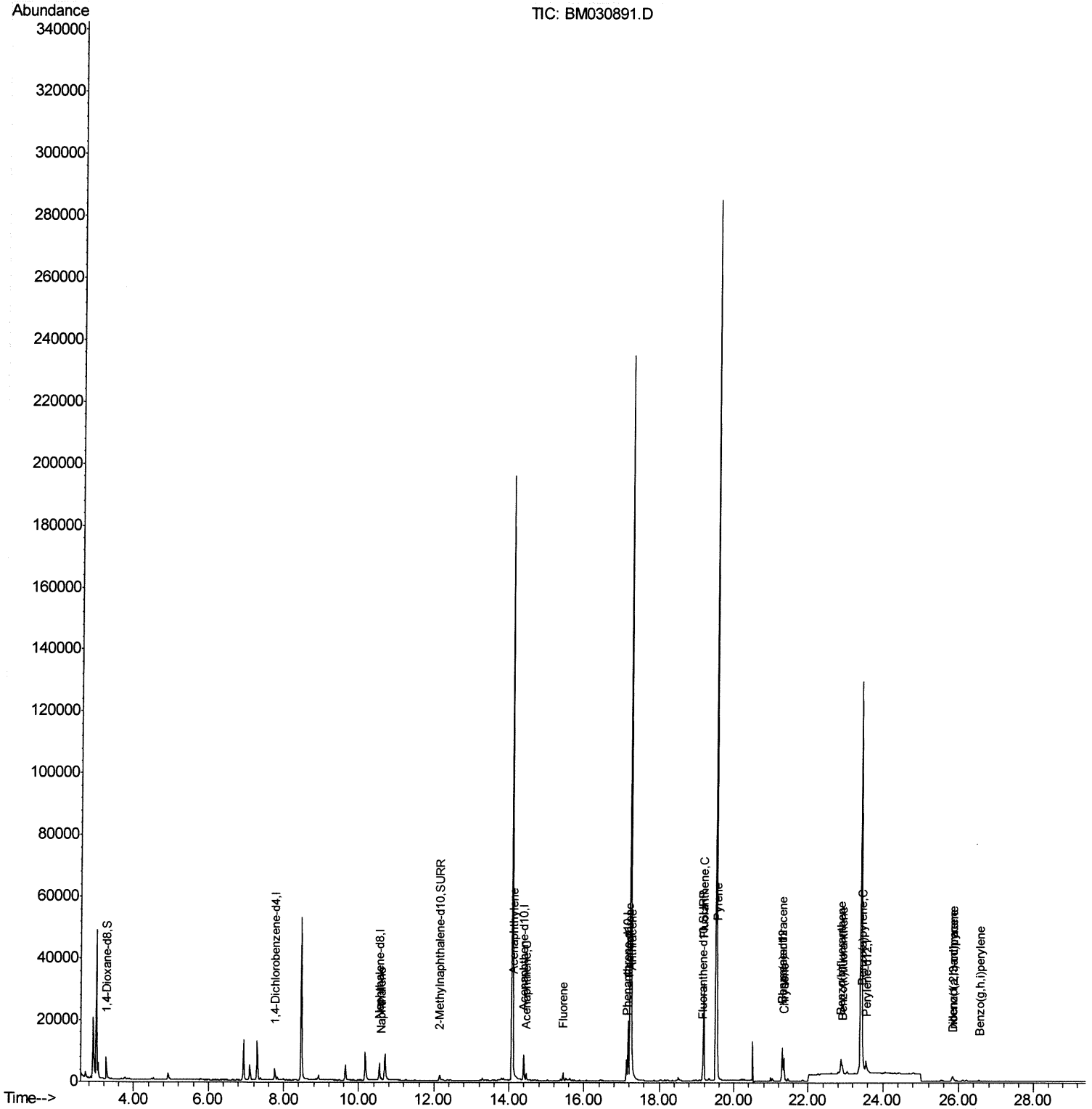
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030891.D
Acq On : 08 Jul 2021 19:00
Operator : CG/JU
Sample : M2825-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDP5

Manual Integrations
APPROVED

mohammad
7/9/2021 2:48:14 PM

Quant Time: Jul 09 02:57:55 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 : Fri Jul 09 02:52:26 2021
Response via : Initial Calibration



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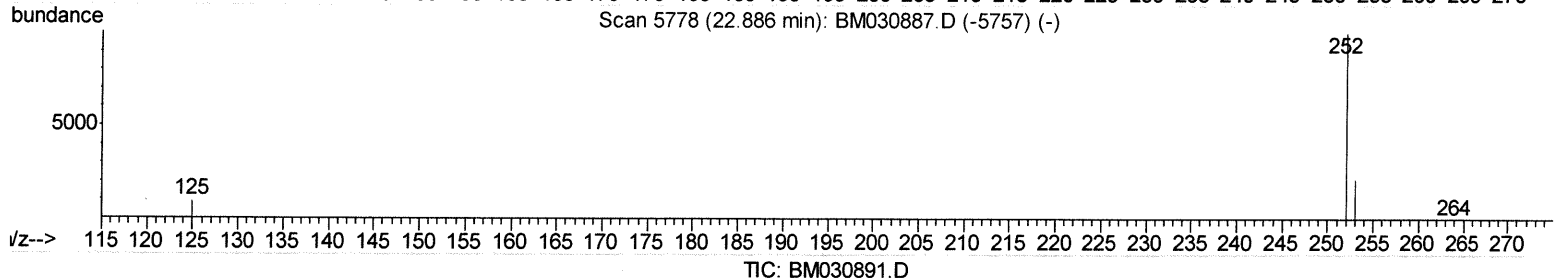
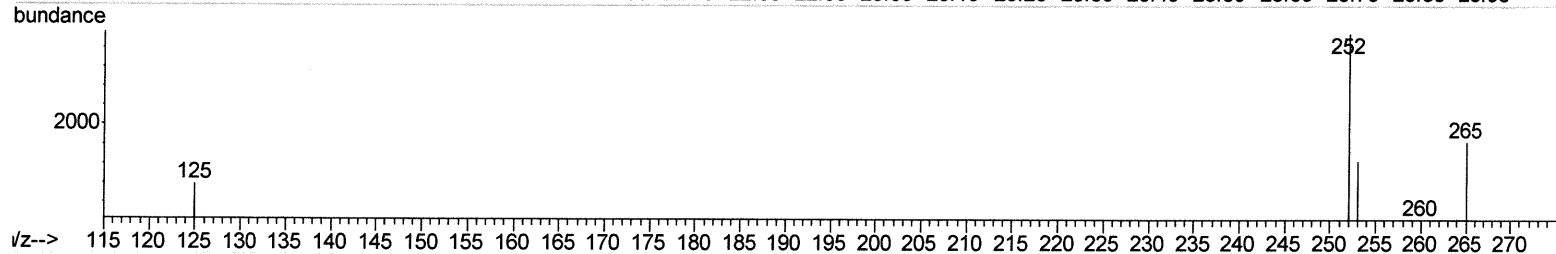
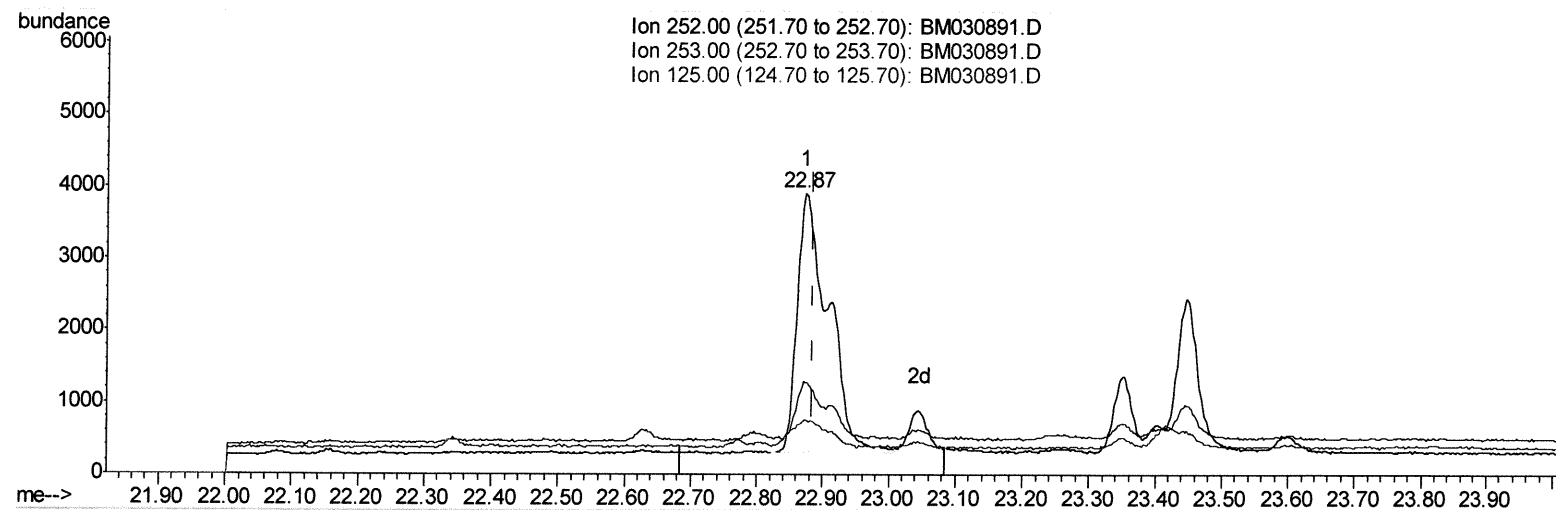
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Ion 252.00 (251.70 to 252.70): BM030891.D
 Ion 253.00 (252.70 to 253.70): BM030891.D
 Ion 125.00 (124.70 to 125.70): BM030891.D



(24) Benzo(b)fluoranthene

22.873min (-0.012) 0.47ng/ul

response 12011

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	32.74
125.00	13.90	19.60
0.00	0.00	0.00

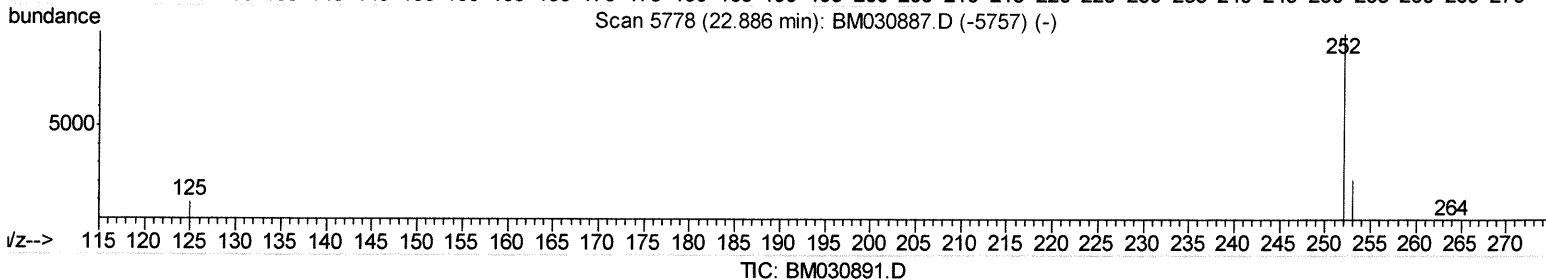
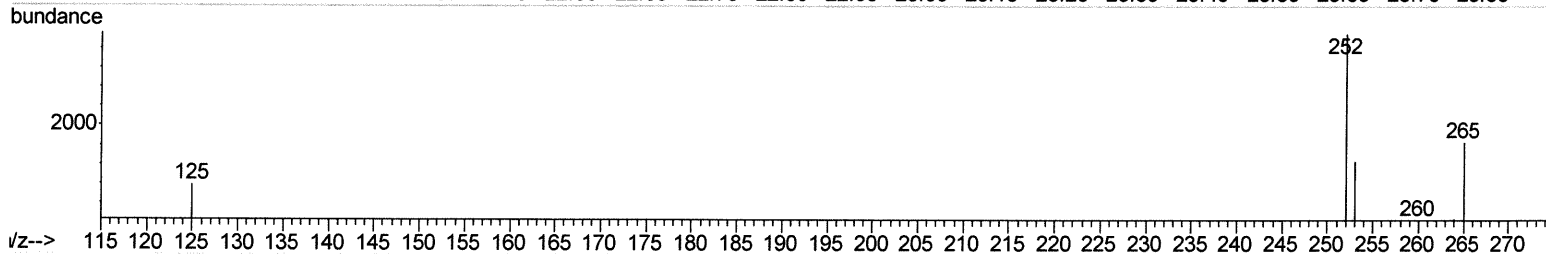
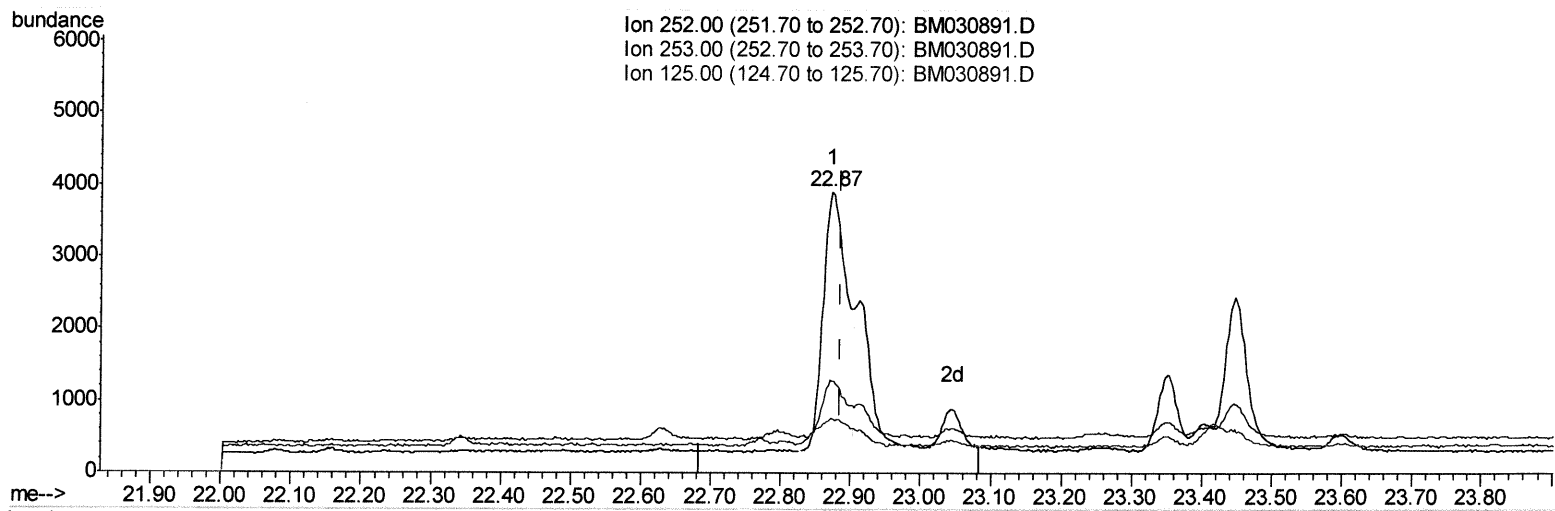
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Instrument :
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(24) Benzo(b)fluoranthene

22.873min (-0.012) 0.32ng/ul m 07/12/21 JU

response 8230

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	32.74
125.00	13.90	19.60
0.00	0.00	0.00

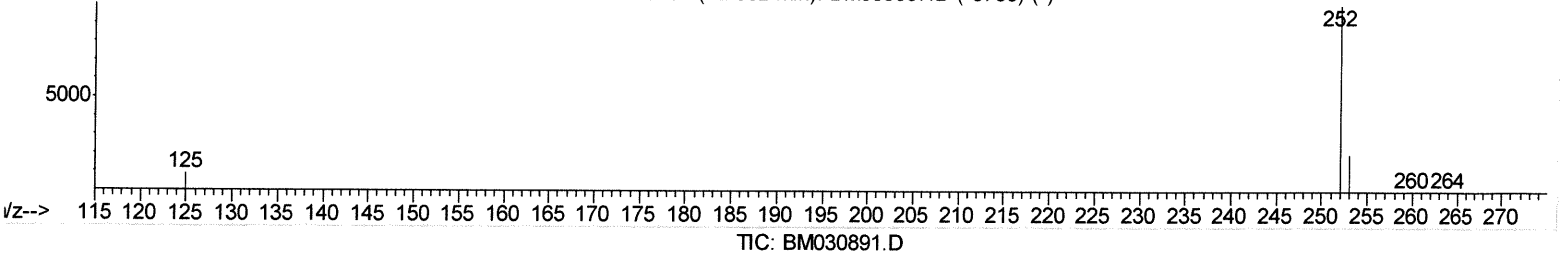
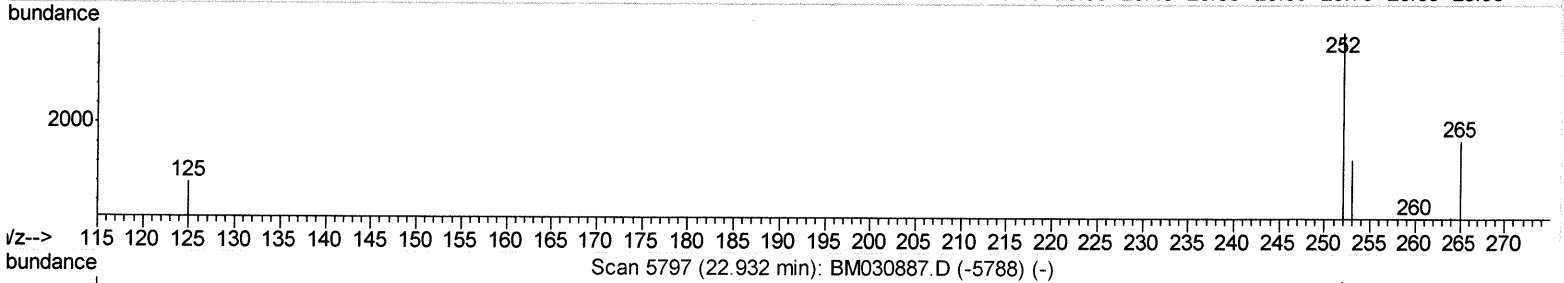
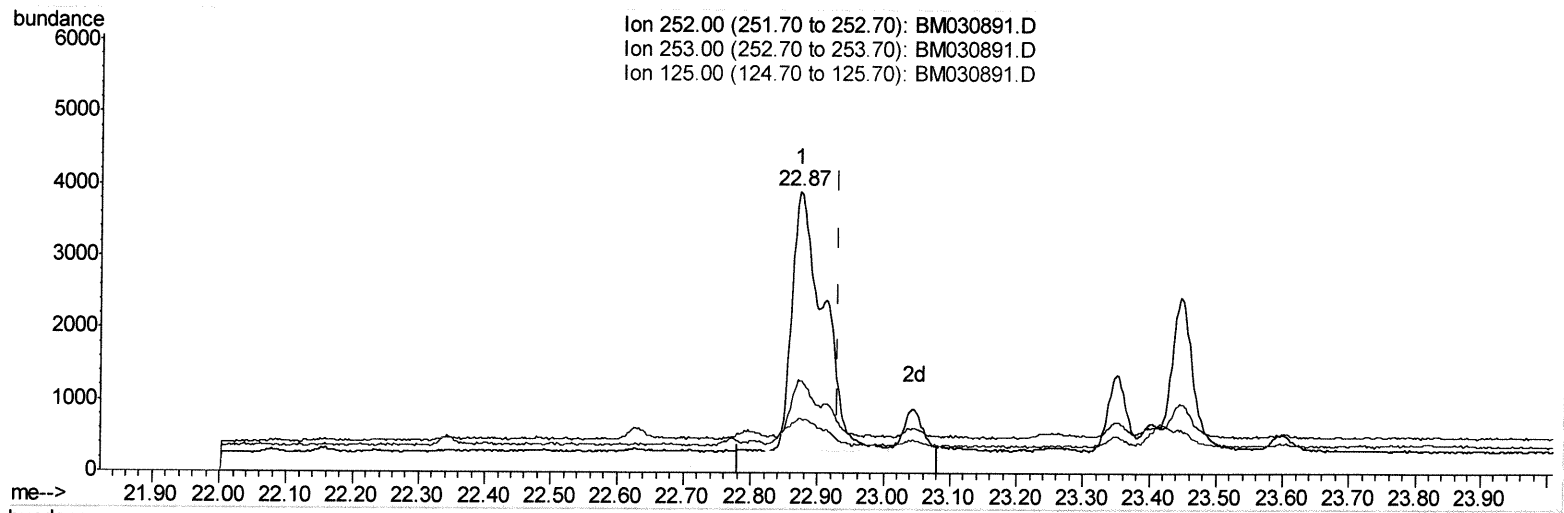
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Instrument :
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Quant Time: Jul 09 02:56:47 2021
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(25) Benzo(k)fluoranthene
 22.873min (-0.058) 0.46ng/ul
 response 12011

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	32.74#
125.00	13.70	19.60#
0.00	0.00	0.00

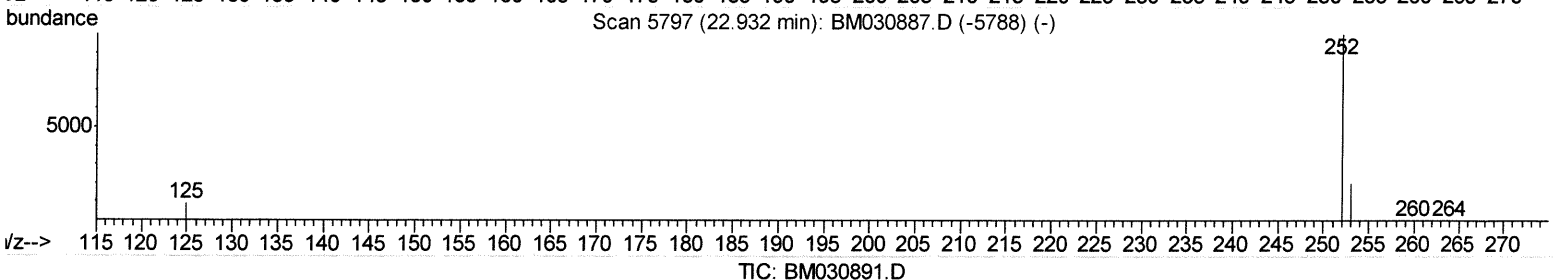
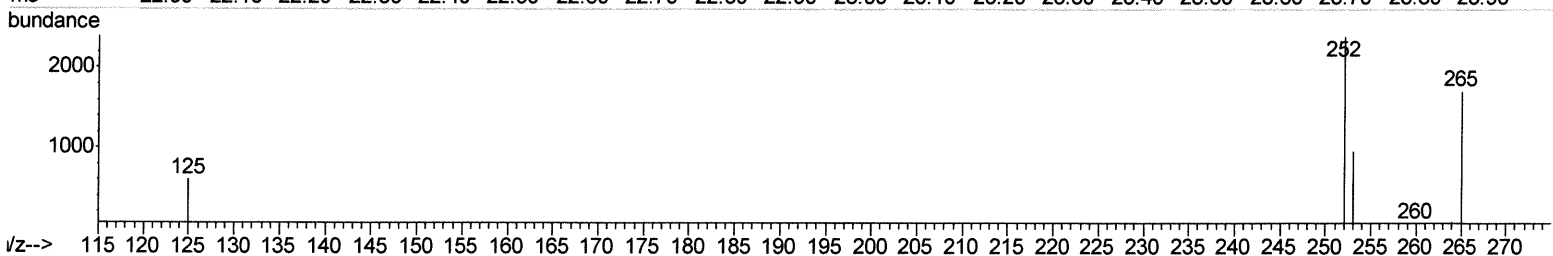
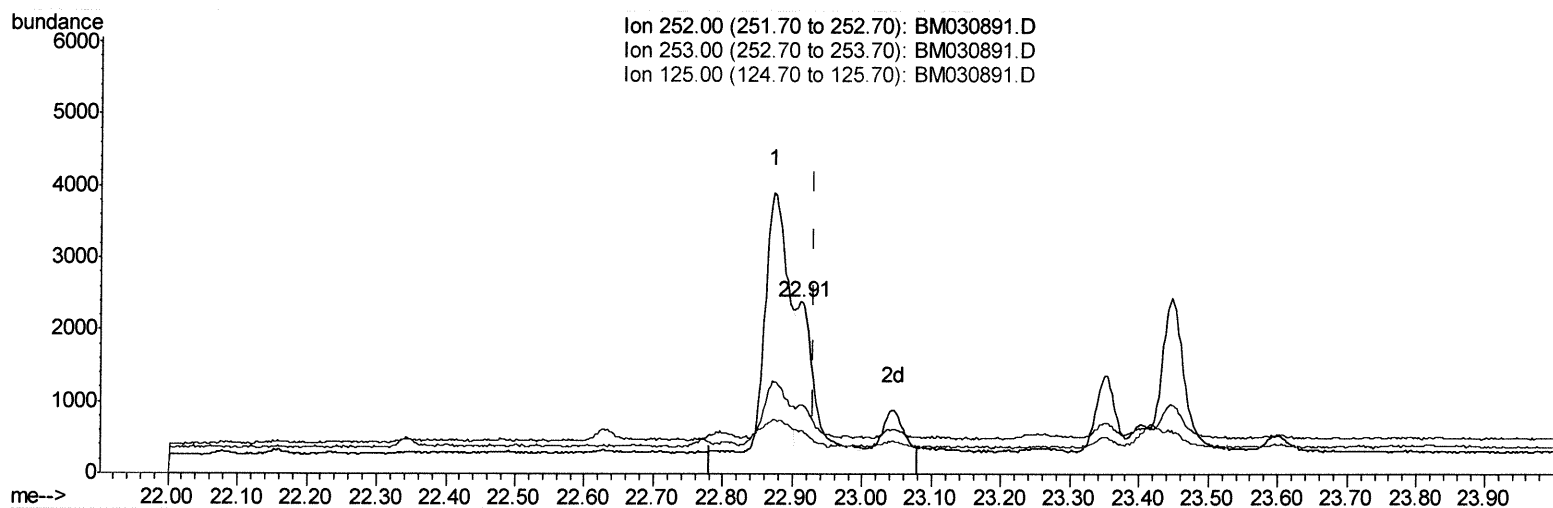
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Instrument :
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(25) Benzo(k)fluoranthene

22.912min (-0.019) 0.14ng/ul m 07/12/21 JU

response 3620

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	39.79#
125.00	13.70	25.19#
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	1931	0.40	ng/ul	0.00
4) Naphthalene-d8	10.55	136	7719	0.40	ng/ul	-0.01
9) Acenaphthene-d10	14.39	164	4617	0.40	ng/ul	-0.02
13) Phenanthrene-d10	17.13	188	8526	0.40	ng/ul	-0.02
17) Chrysene-d12	21.31	240	5615	0.40	ng/ul	0.00
23) Perylene-d12	23.55	264	5776	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	4824	2.29	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.15	152	3154	0.26	ng/ul	0.00
18) Fluoranthene-d10	19.15	212	6099	0.38	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	10.59	128	875	0.040	ng/ul#	77
10) Acenaphthylene	14.11	152	787	0.038	ng/ul#	77
11) Acenaphthene	14.45	153	1193	0.071	ng/ul	98
12) Fluorene	15.44	166	1661	0.090	ng/ul#	98
15) Phenanthrene	17.17	178	21344	0.745	ng/ul	100
16) Anthracene	17.26	178	5755	0.229	ng/ul	96
19) Fluoranthene	19.18	202	27425	1.107	ng/ul	99
20) Pyrene	19.55	202	22672	0.910	ng/ul	100
21) Benzo(a)anthracene	21.29	228	8971	0.401	ng/ul	97
22) Chrysene	21.34	228	7621	0.304	ng/ul	96
24) Benzo(b)fluoranthene	22.87	252	8230m	0.322	ng/ul	>
25) Benzo(k)fluoranthene	22.91	252	3620m	0.137	ng/ul	>
26) Benzo(a)pyrene	23.45	252	4492	0.206	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.84	276	3007	0.106	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.85	278	900	0.040	ng/ul#	9
29) Benzo(a,h,i)perylene	26.54	276	525	0.021	ng/ul#	40

07/12/21 JU

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