

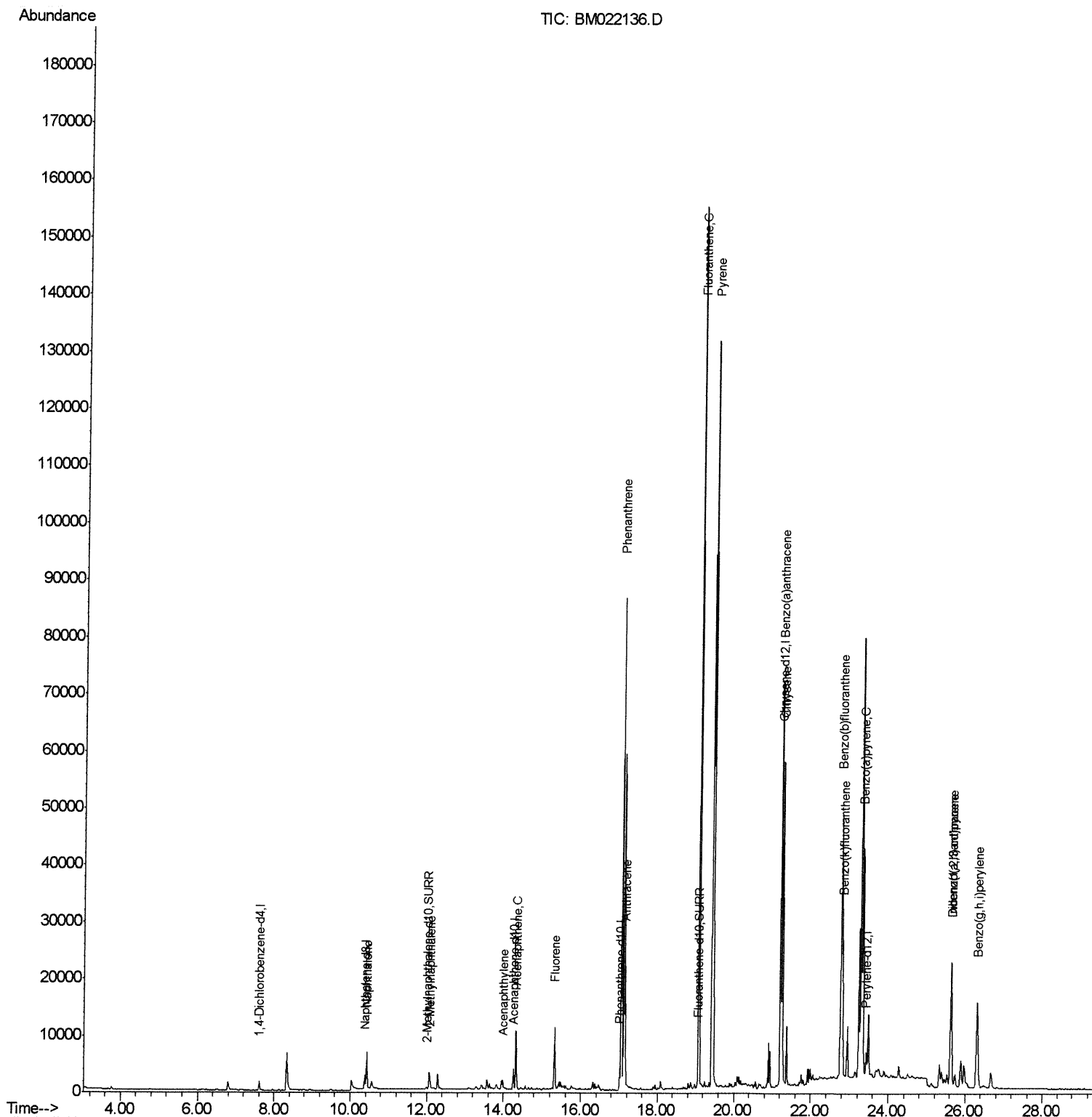
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022136.D
 Acq On : 15 Aug 2019 09:28
 Operator : HP/JU
 Sample : K4304-13DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P4DL

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:31 PM

Quant Time: Aug 15 13:36:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 13:53:23 2019
 Response via : Initial Calibration



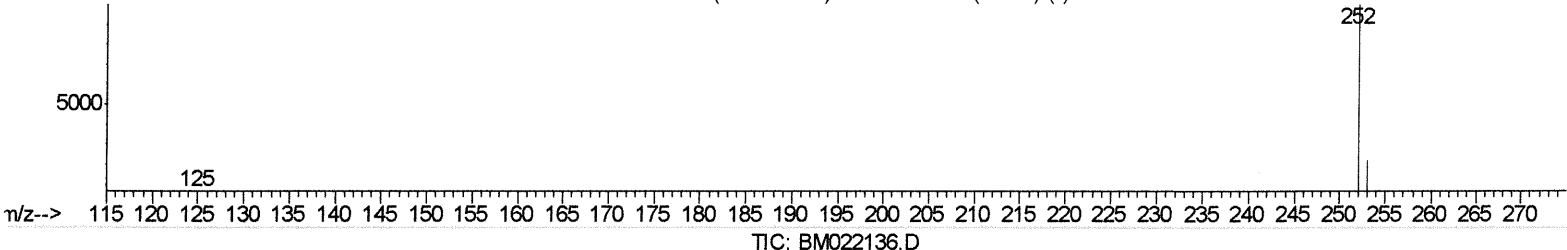
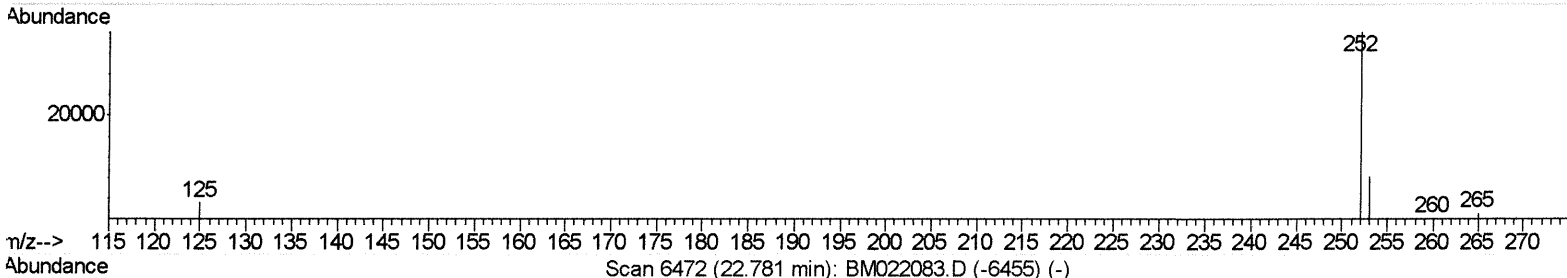
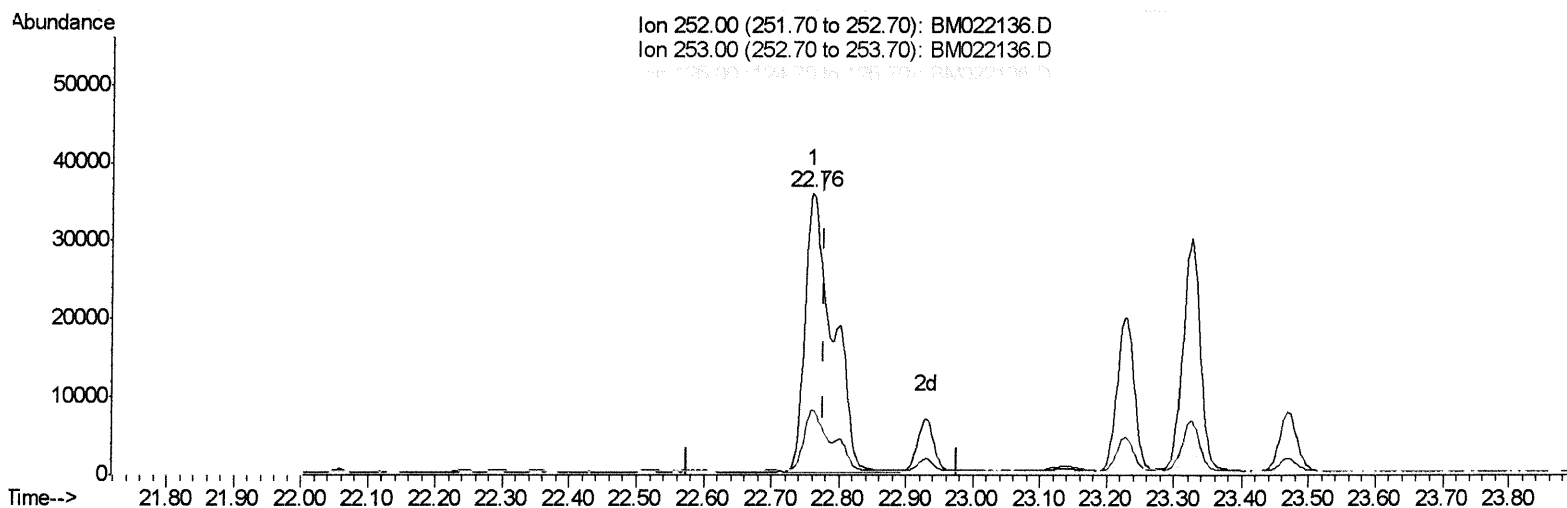
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(21) Benzo(b)fluoranthene
 22.759min (-0.017) 6.42ng/ul
 response 103135

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.20
125.00	15.50	9.04
0.00	0.00	0.00

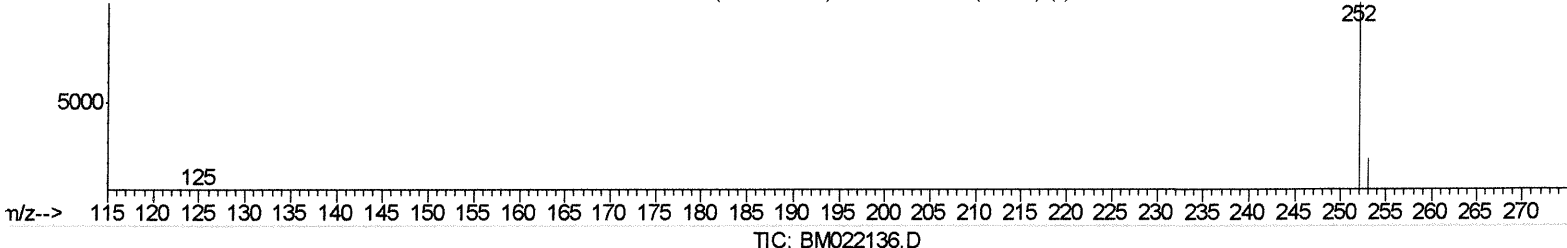
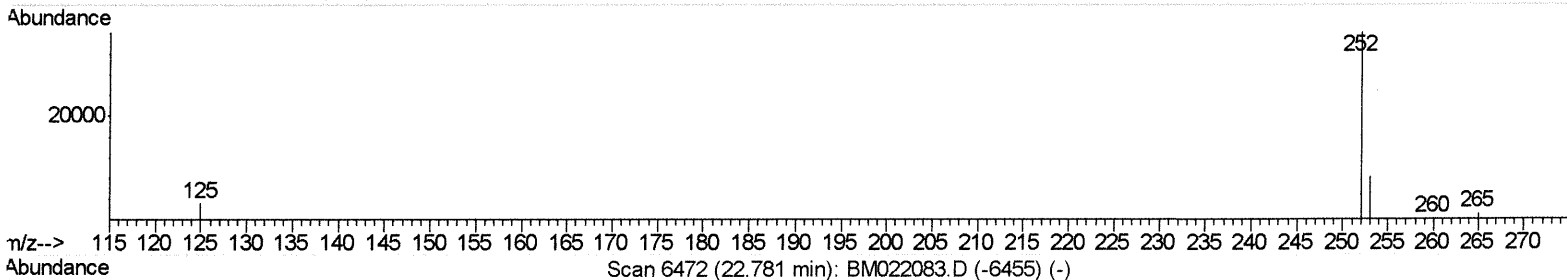
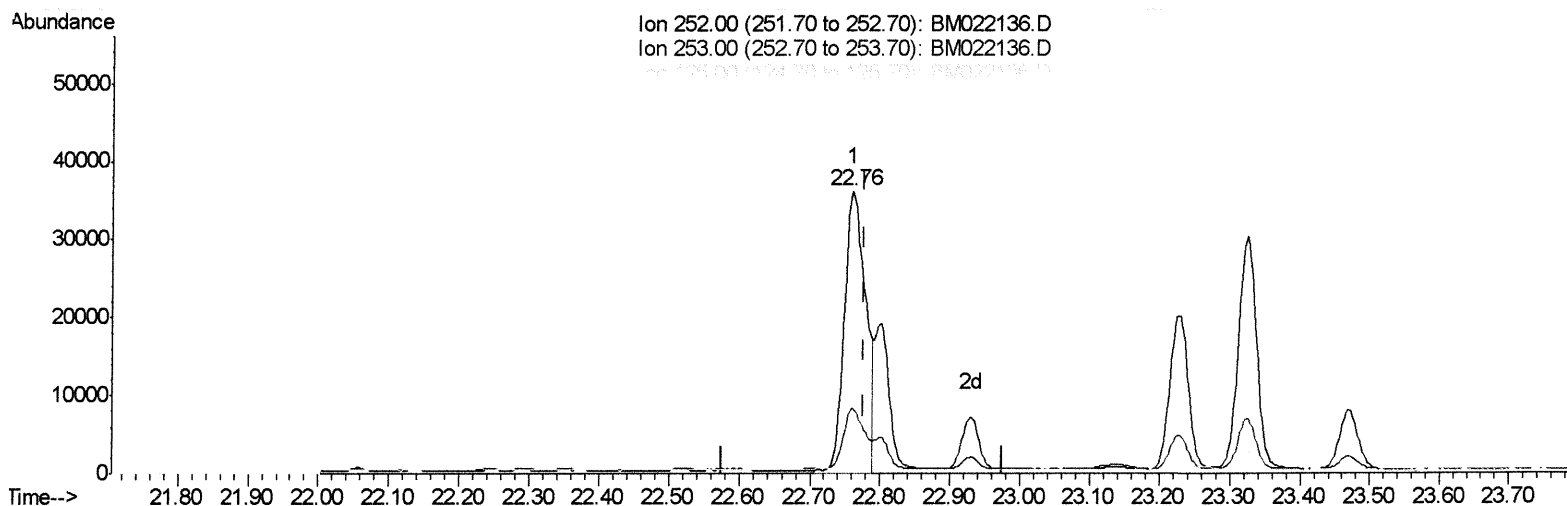
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(21) Benzo(b)fluoranthene

22.759min (-0.017) 4.80ng/ul m *JU* 08/15/19

response 77137

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.20
125.00	15.50	9.04
0.00	0.00	0.00

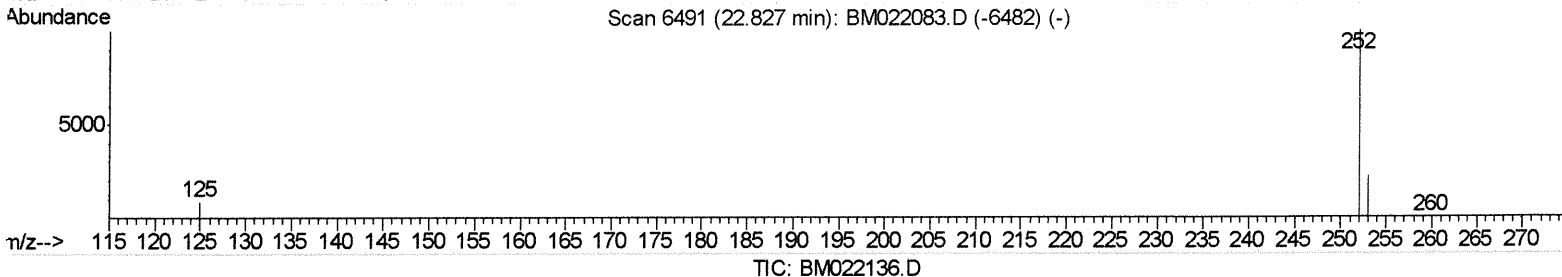
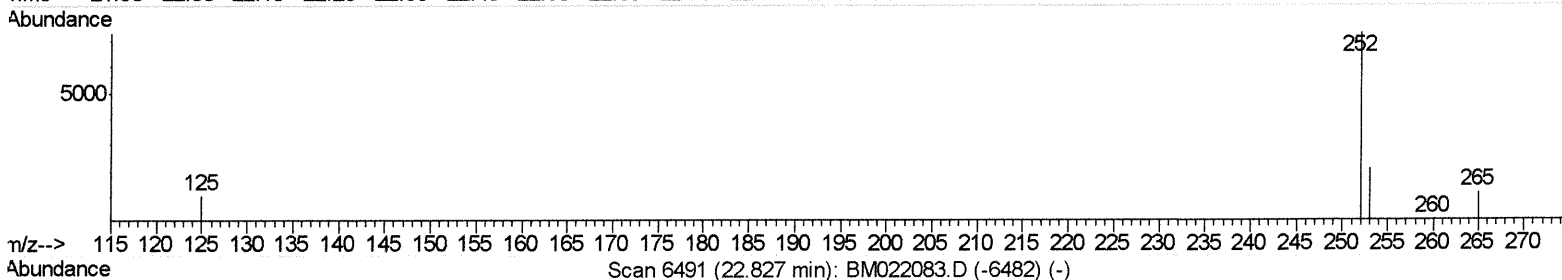
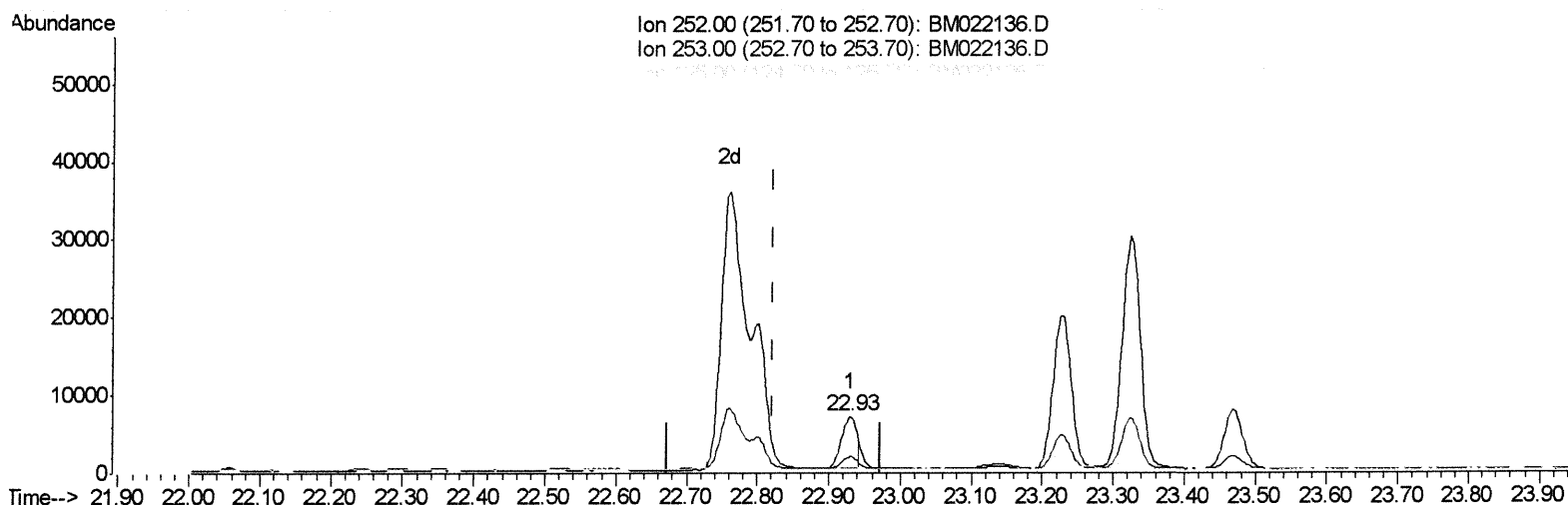
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Instrument :
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Manual Integrations
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(22) Benzo(k)fluoranthene

22.929min (+0.107) 0.53ng/ul

response 9729

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	28.40
125.00	15.20	14.77
0.00	0.00	0.00

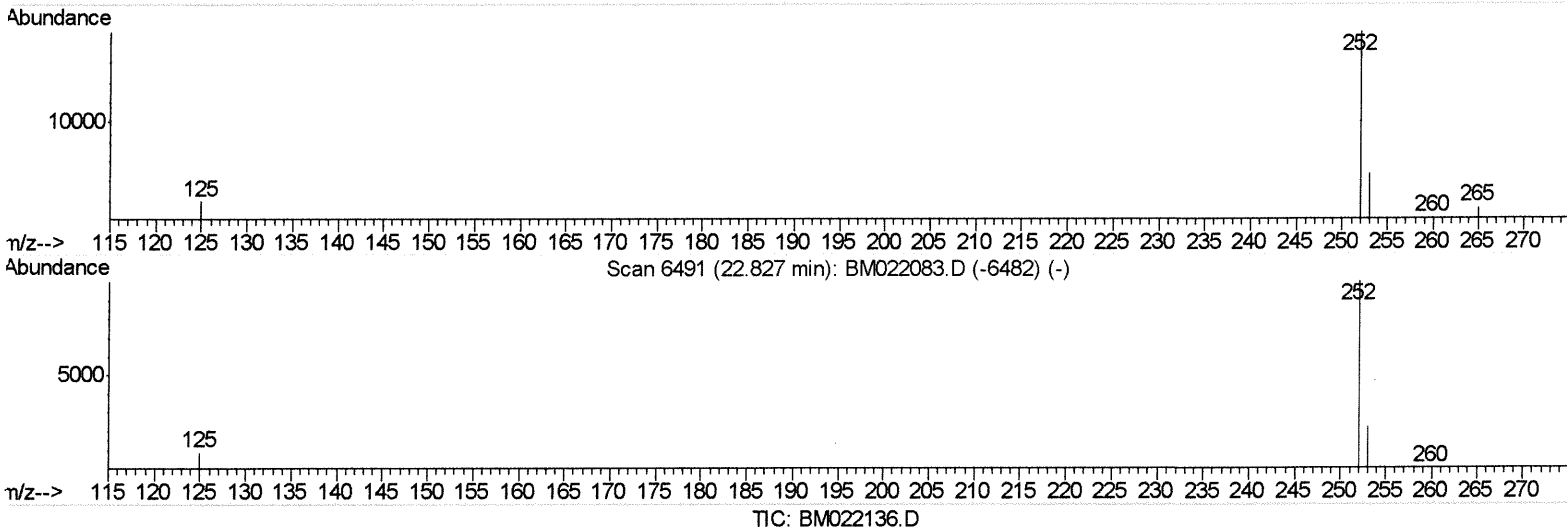
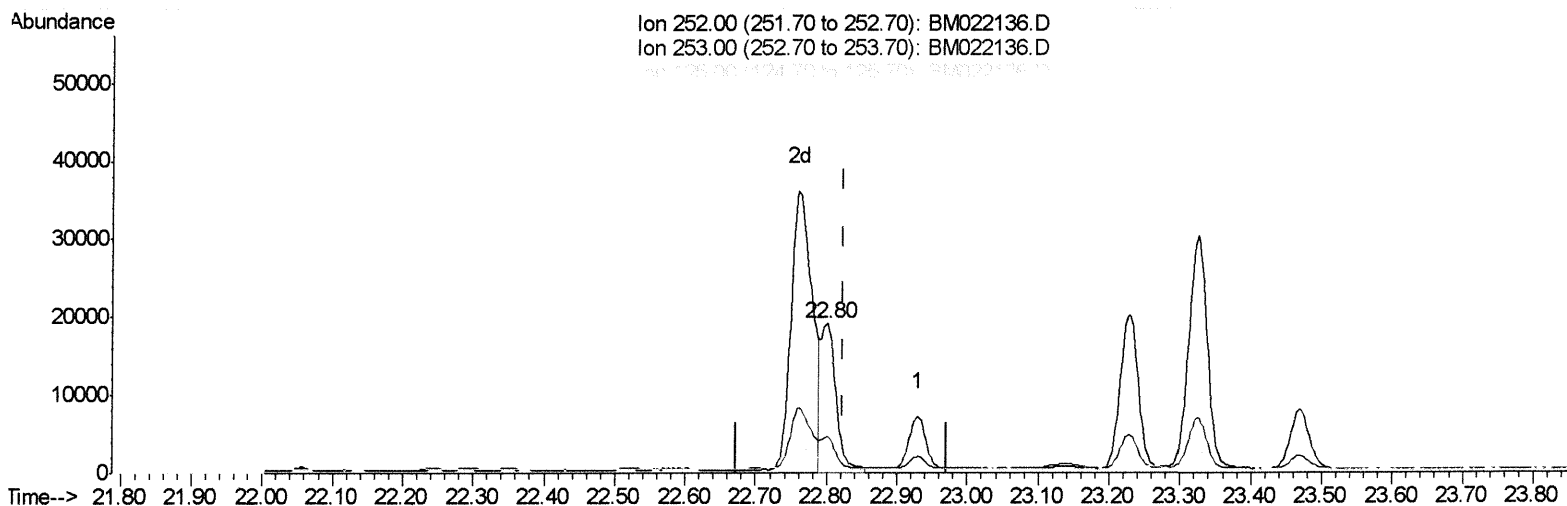
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Instrument :
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(22) Benzo(k)fluoranthene

22.801min (-0.022) 1.60ng/ul m

JU
 08/15/19

response 29061

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	24.44#
125.00	15.20	9.94#
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	7.60	152	872	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.38	136	3619	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.25	164	1971	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4426	0.40	ng/ul	-0.03
16) Chrysene-d12	21.21	240	4500	0.40	ng/ul	-0.02
20) Perylene-d12	23.42	264	4767	0.40	ng/ul	-0.02

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	483	0.08	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	1213	0.08	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.43	128	9609	0.940	ng/ul#	93
5) 2-Methylnaphthalene	12.06	142	2909	0.427	ng/ul	97
7) Acenaphthylene	13.97	152	1628	0.177	ng/ul#	83
8) Acenaphthene	14.31	153	6456	0.858	ng/ul	96
9) Fluorene	15.31	166	7467	0.894	ng/ul	98
12) Phenanthrene	17.05	178	92992	7.221	ng/ul	96
13) Anthracene	17.14	178	22987	2.093	ng/ul	94
15) Fluoranthene	19.08	202	133719	7.751	ng/ul	95
17) Pyrene	19.44	202	114857	6.211	ng/ul	98
18) Benzo(a)anthracene	21.20	228	61341	3.811	ng/ul	99
19) Chrysene	21.25	228	57031	2.755	ng/ul	100
21) Benzo(b)fluoranthene	22.76	252	77137m	4.799	ng/ul	75
22) Benzo(k)fluoranthene	22.80	252	29061m	1.597	ng/ul	75
23) Benzo(a)pyrene	23.32	252	53922	3.298	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.62	276	35923	1.840	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.63	278	9036	0.573	ng/ul	94
26) Benzo(g,h,i)perylene	26.30	276	32076	1.825	ng/ul	96

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