

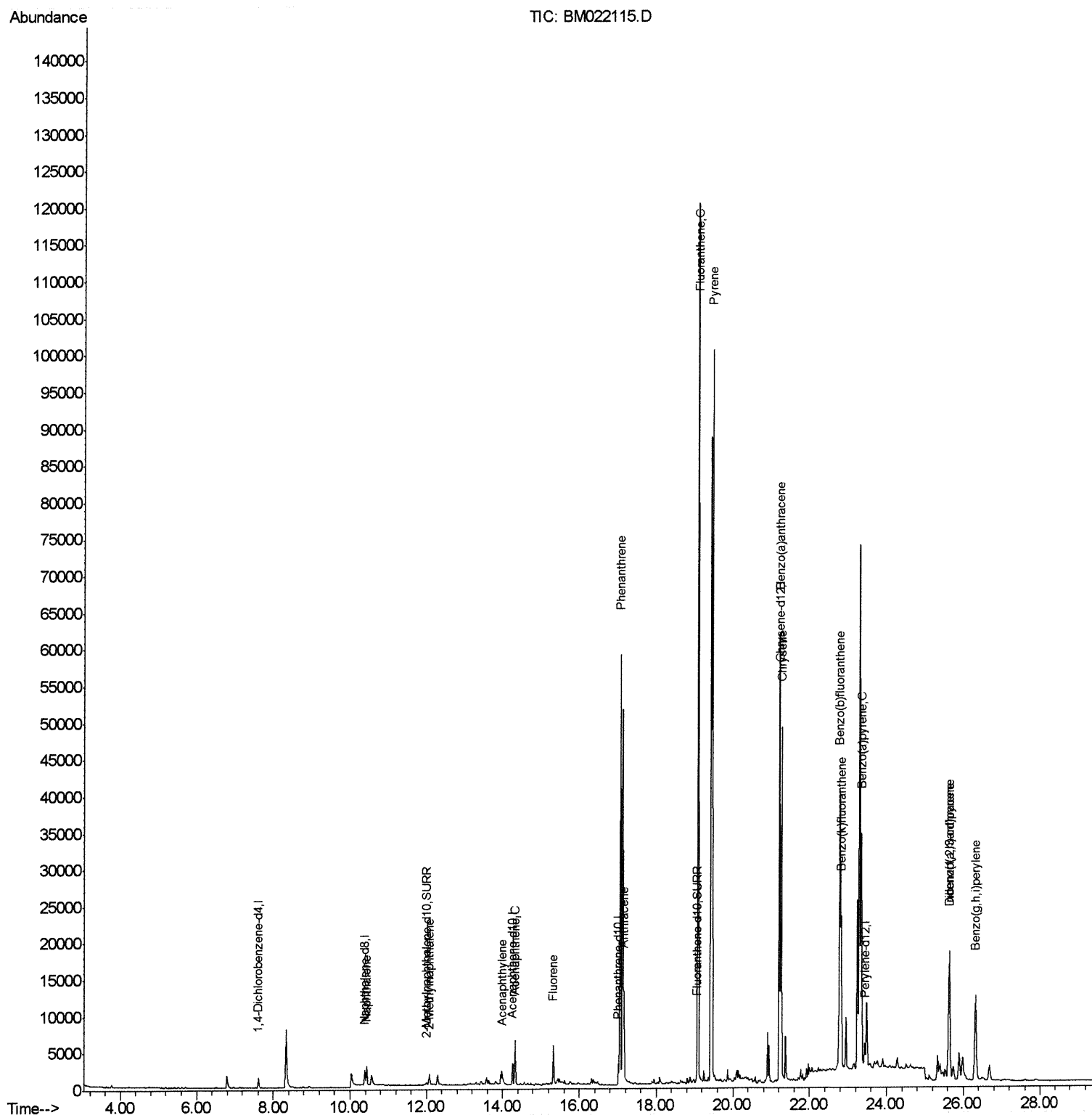
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022115.D
 Acq On : 14 Aug 2019 19:26
 Operator : HP/JU
 Sample : K4304-01DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N2DL

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:09:26 PM

Quant Time: Aug 15 11:09:30 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



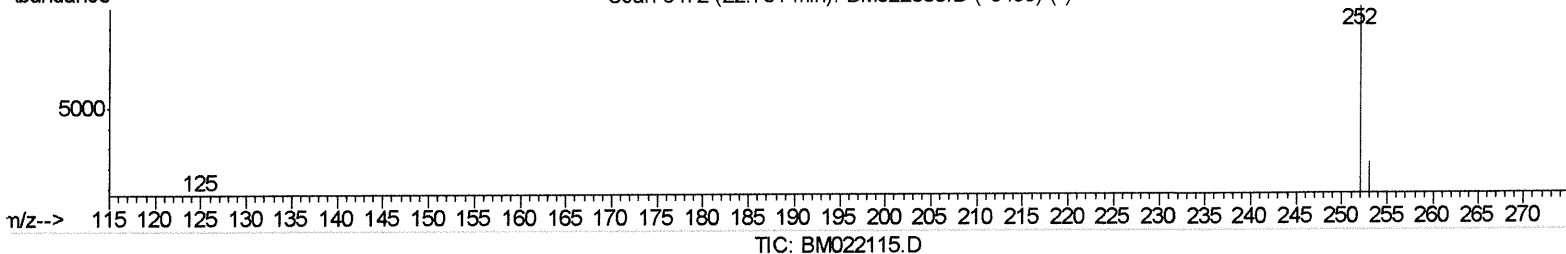
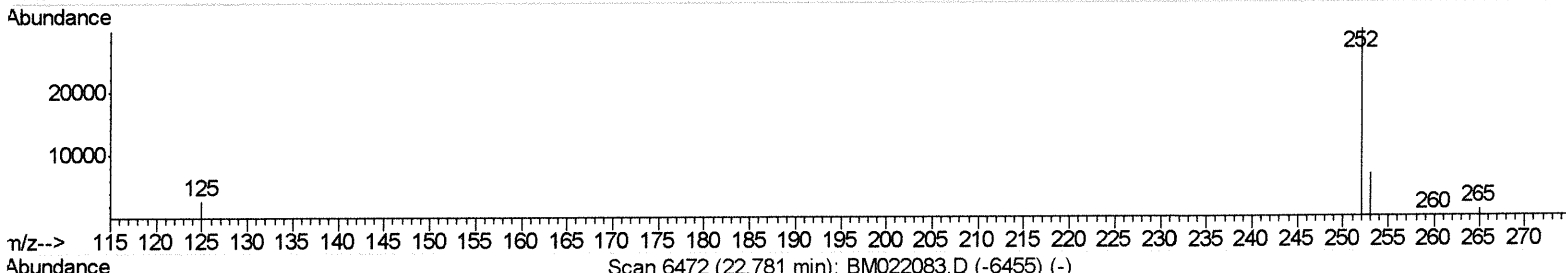
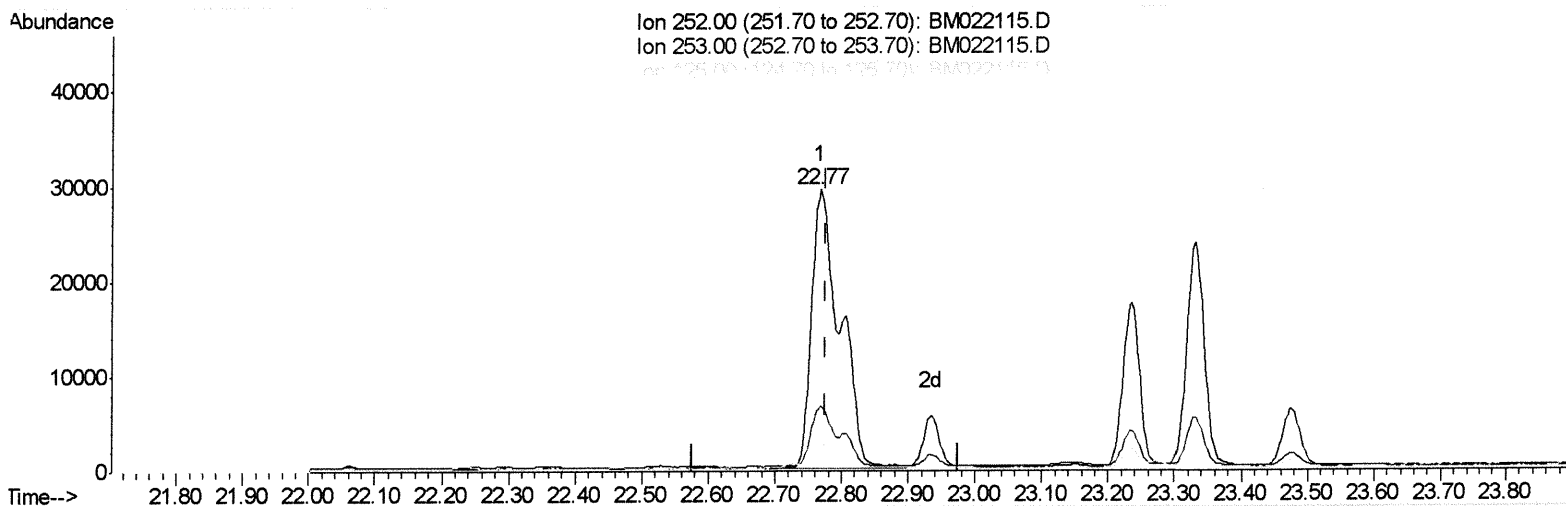
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(21) Benzo(b)fluoranthene

22.767min (-0.009) 6.79ng/ul

response 87334

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.08
125.00	15.50	9.25
0.00	0.00	0.00

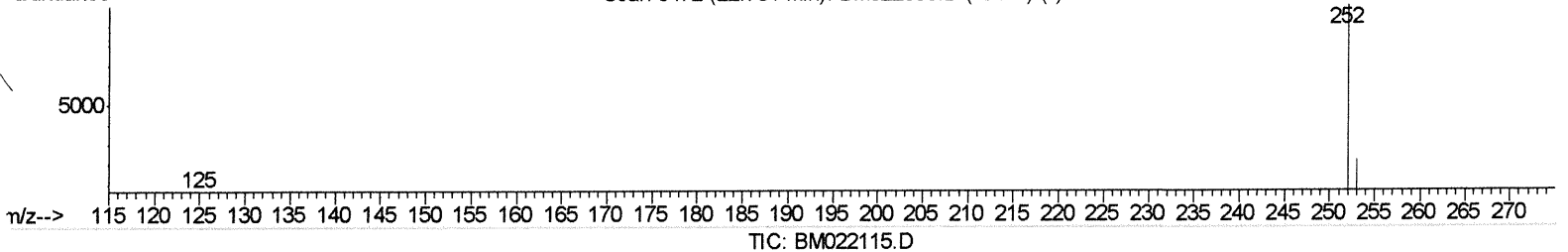
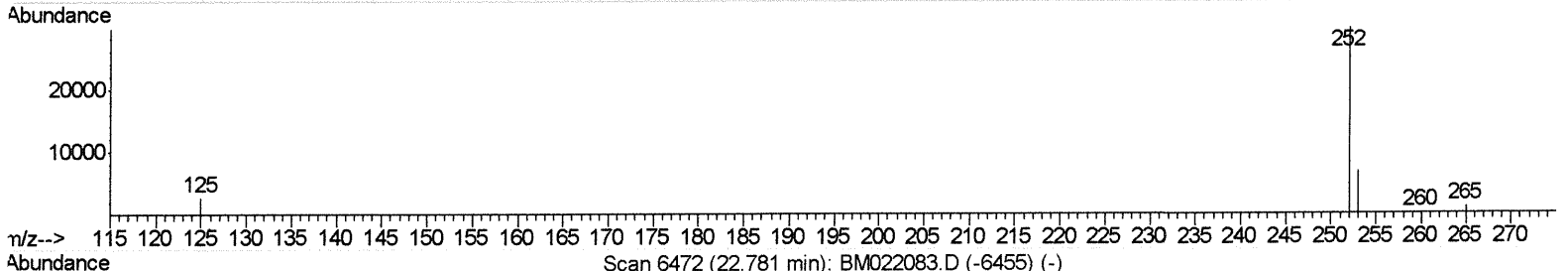
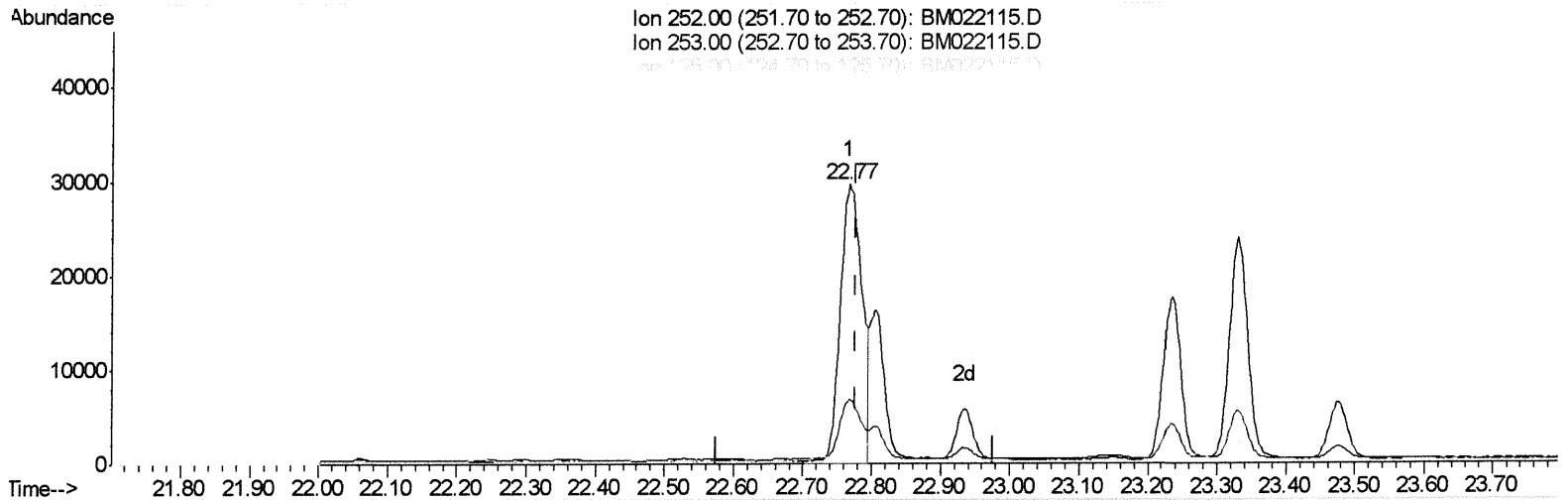
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(21) Benzo(b)fluoranthene

22.767min (-0.009) 5.01ng/ul m *JU 08/15/19*

response 64441

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.08
125.00	15.50	9.25
0.00	0.00	0.00

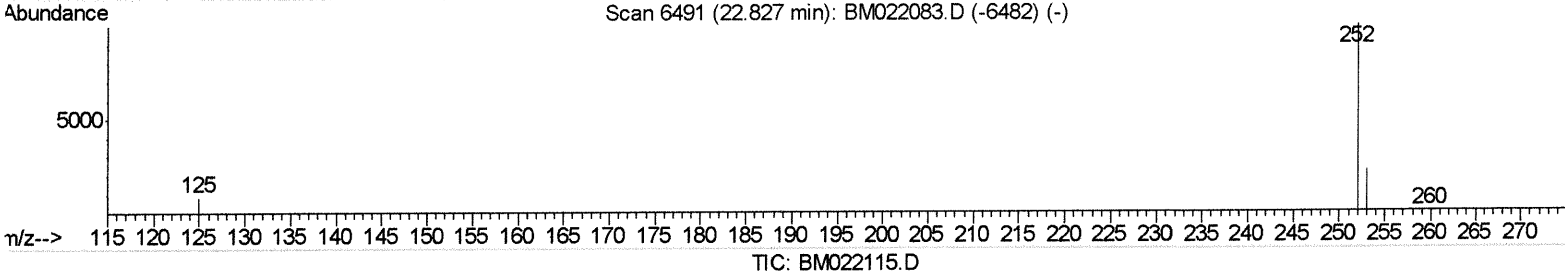
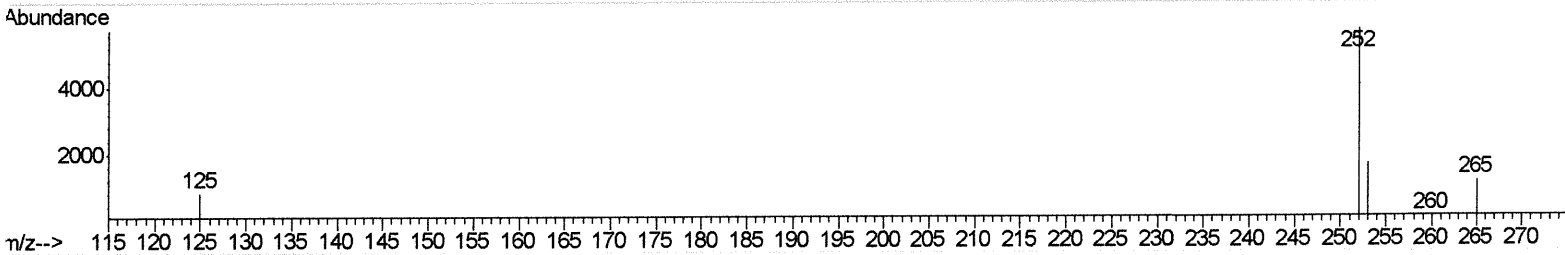
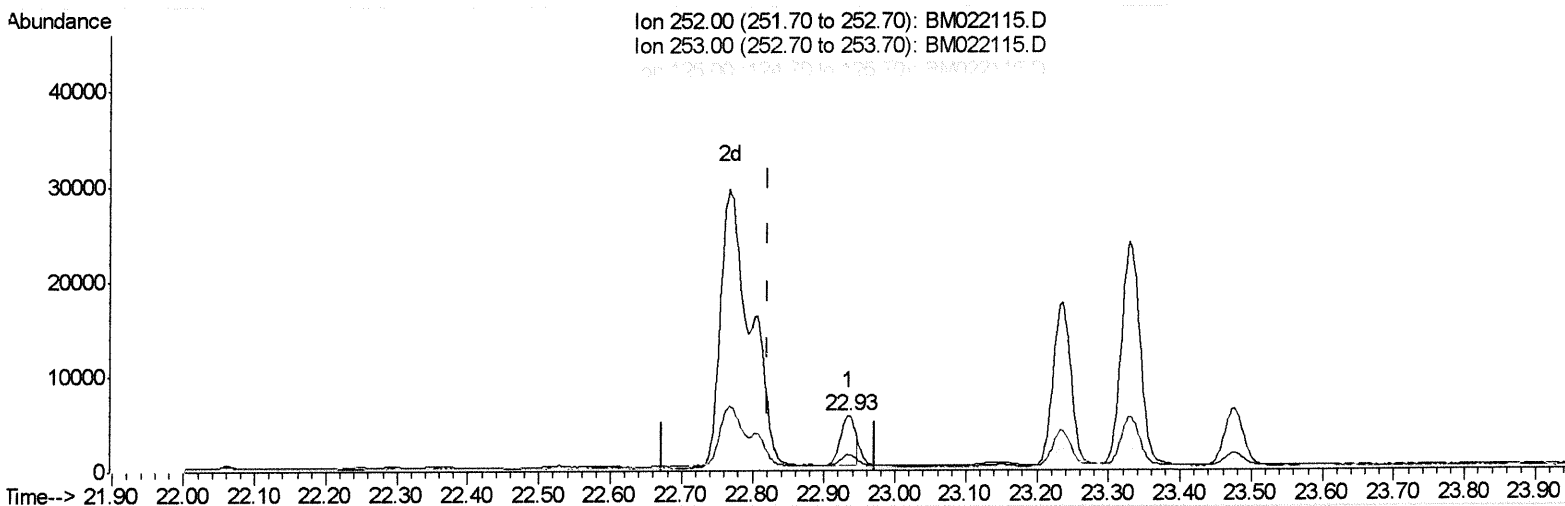
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(22) Benzo(k)fluoranthene

22.934min (+0.112) 0.52ng/ul

response 7519

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	29.14
125.00	15.20	14.74
0.00	0.00	0.00

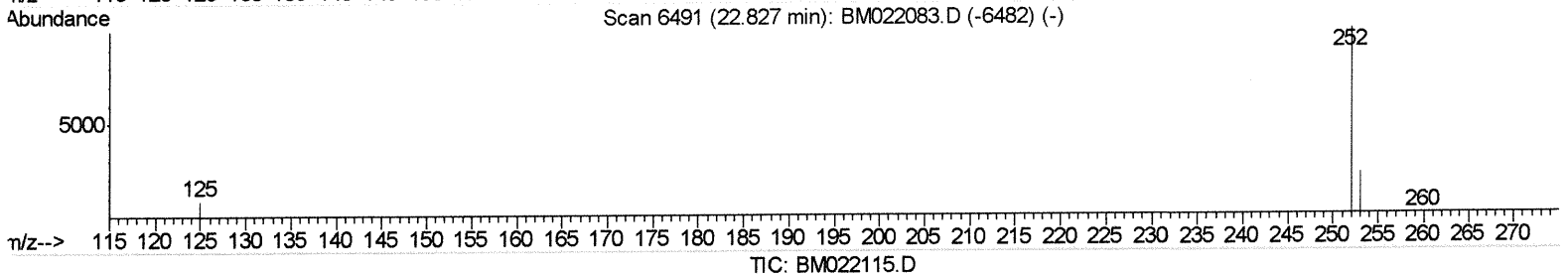
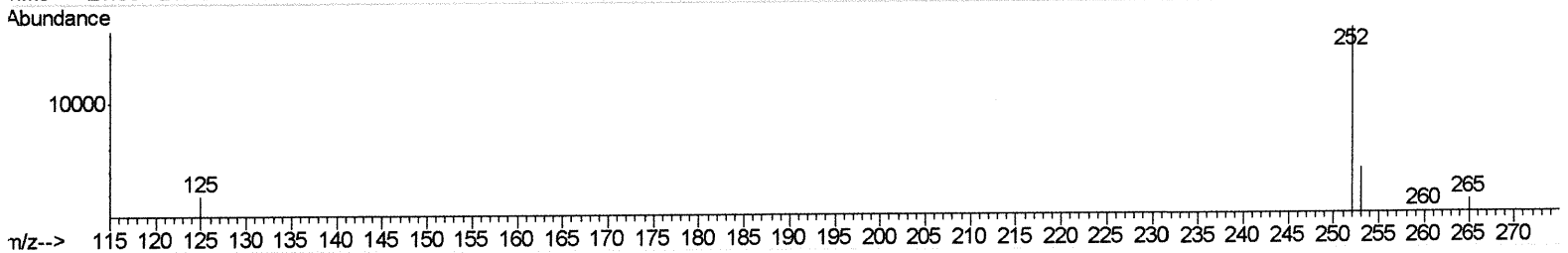
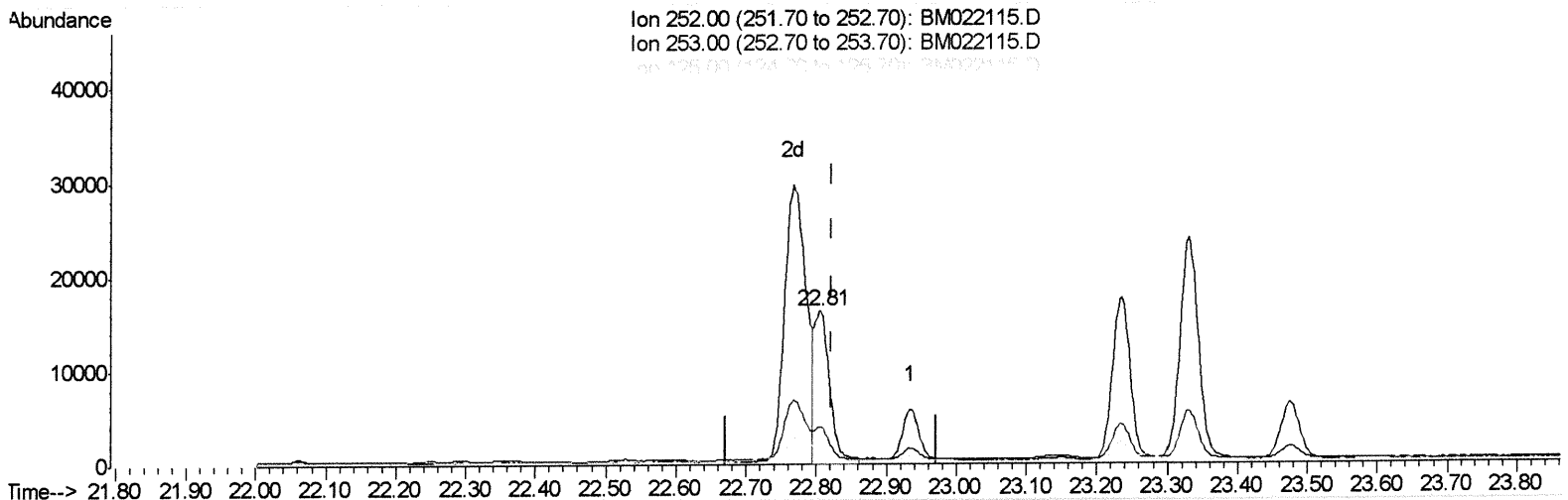
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(22) Benzo(k)fluoranthene

22.806min (-0.017) 1.76ng/ul m *JU 08/15/19*

response 25641

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	24.37#
125.00	15.20	11.18#
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	812	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	3217	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	1677	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	3605	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	3665	0.40	ng/ul	-0.01
20) Perylene-d12	23.43	264	3813	0.40	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.00	152	481	0.09	ng/ul	-0.01
14) Fluoranthene-d10	19.05	212	1083	0.09	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.43	128	3828	0.421	ng/ul	96
5) 2-Methylnaphthalene	12.07	142	1460	0.241	ng/ul	97
7) Acenaphthylene	13.98	152	2115	0.270	ng/ul#	84
8) Acenaphthene	14.32	153	3745	0.585	ng/ul	95
9) Fluorene	15.32	166	3721	0.524	ng/ul	99
12) Phenanthrene	17.05	178	63276	6.032	ng/ul	96
13) Anthracene	17.15	178	13142	1.469	ng/ul	96
15) Fluoranthene	19.08	202	104559	7.441	ng/ul	95
17) Pyrene	19.45	202	88977	5.908	ng/ul	98
18) Benzo(a)anthracene	21.20	228	49354	3.765	ng/ul	99
19) Chrysene	21.26	228	48405	2.871	ng/ul	100
21) Benzo(b)fluoranthene	22.77	252	64441m→	5.012	ng/ul>3Ju	76
22) Benzo(k)fluoranthene	22.81	252	25641m→	1.762	ng/ul>3Ju	94
23) Benzo(a)pyrene	23.33	252	43192	3.303	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.64	276	30162	1.932	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	7774	0.616	ng/ul	94
26) Benzo(g,h,i)perylene	26.31	276	24163	1.719	ng/ul	97

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