

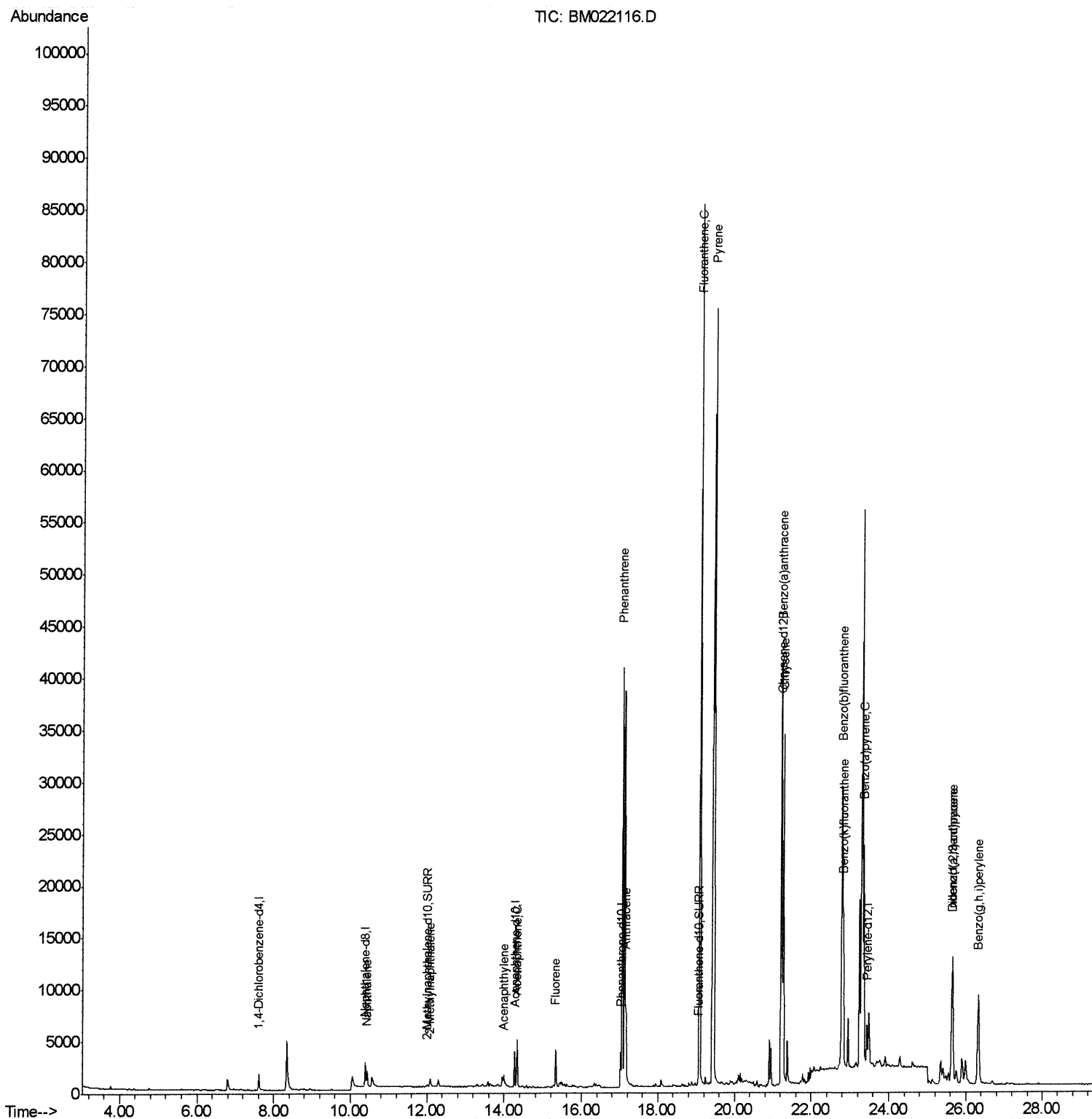
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022116.D
 Acq On : 14 Aug 2019 20:02
 Operator : HP/JU
 Sample : K4304-02DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N3DL

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:09:33 PM

Quant Time: Aug 15 11:11:44 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



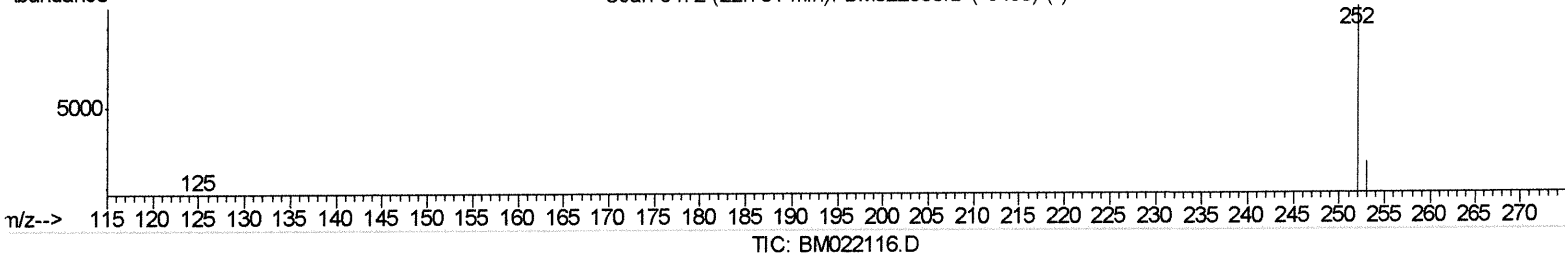
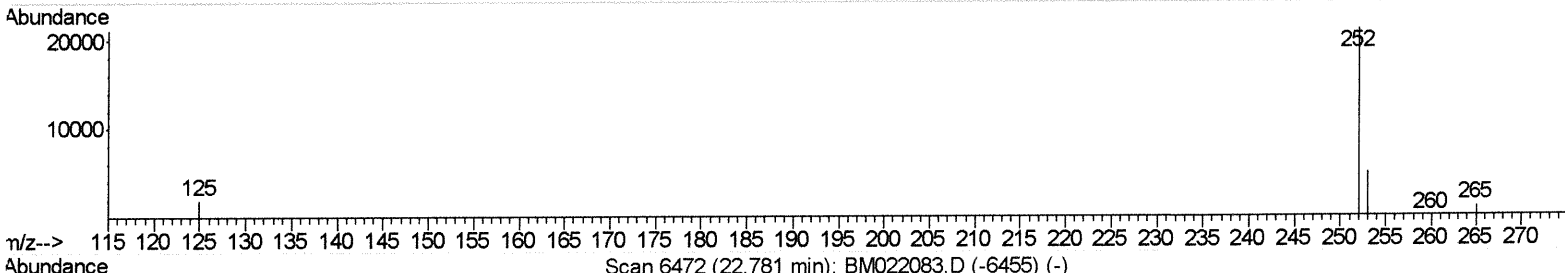
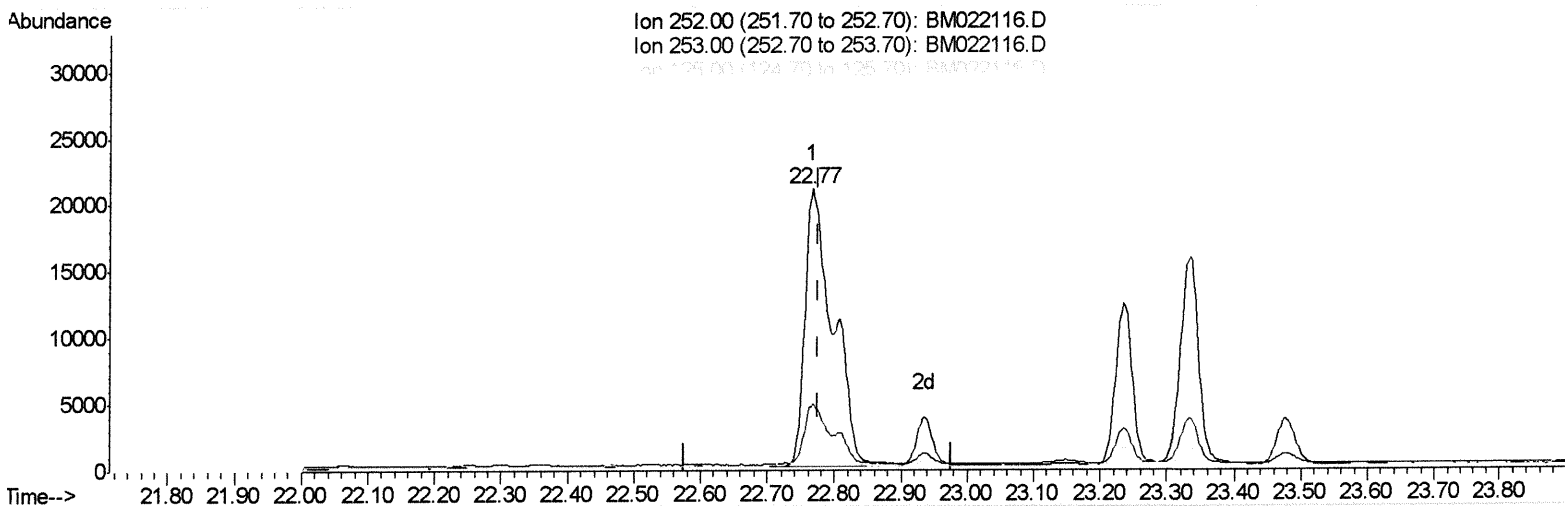
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(21) Benzo(b)fluoranthene
 22.766min (-0.010) 4.11ng/ul
 response 61846

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.65
125.00	15.50	9.56
0.00	0.00	0.00

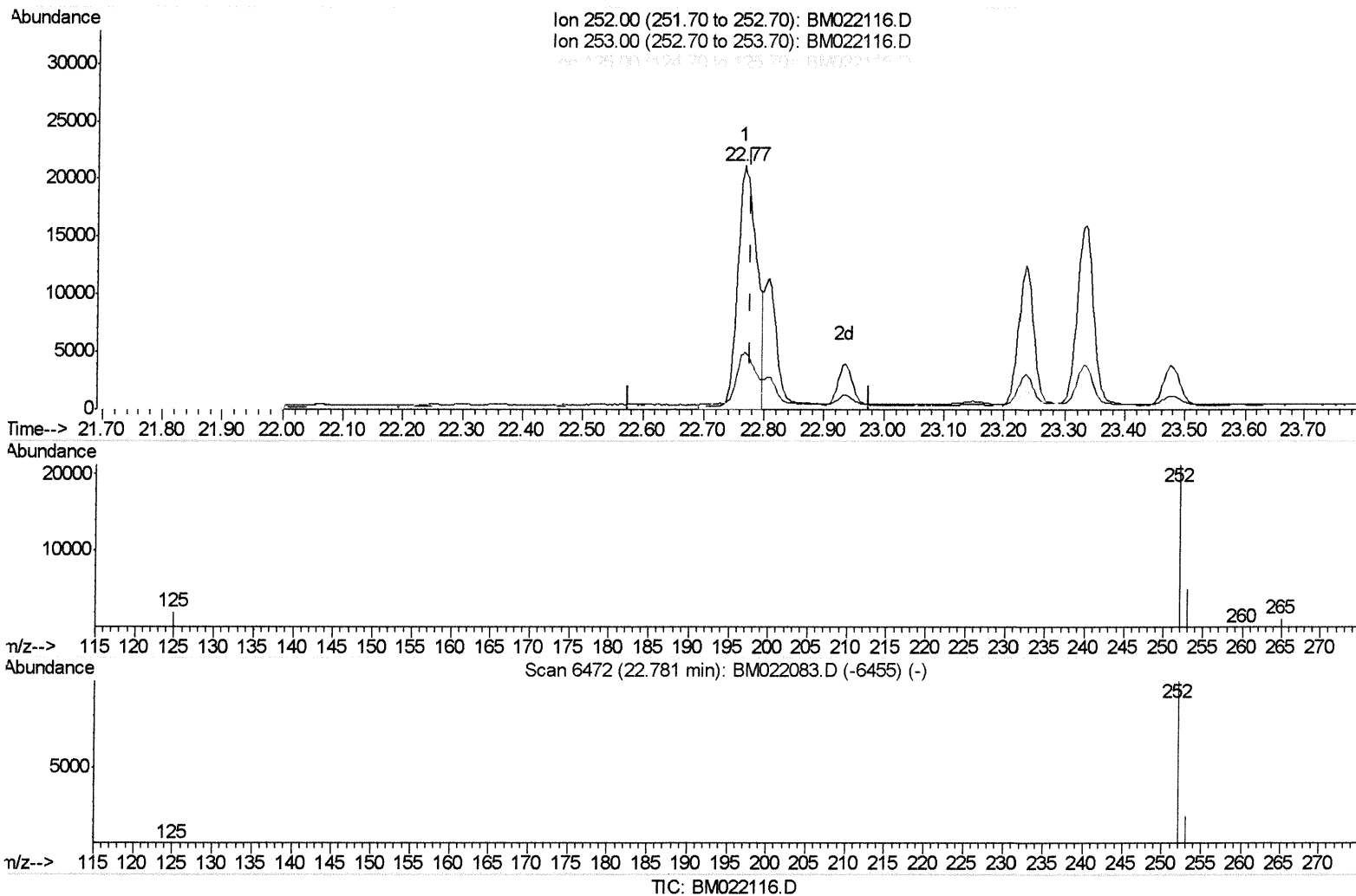
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(21) Benzo(b)fluoranthene

22.766min (-0.010) 3.11ng/ul m *Ju* *08/15/19*

response 46757

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.65
125.00	15.50	9.56
0.00	0.00	0.00

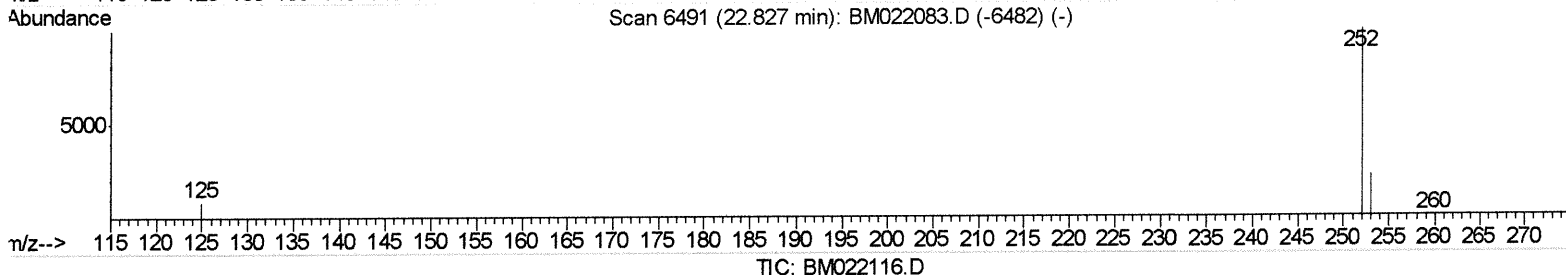
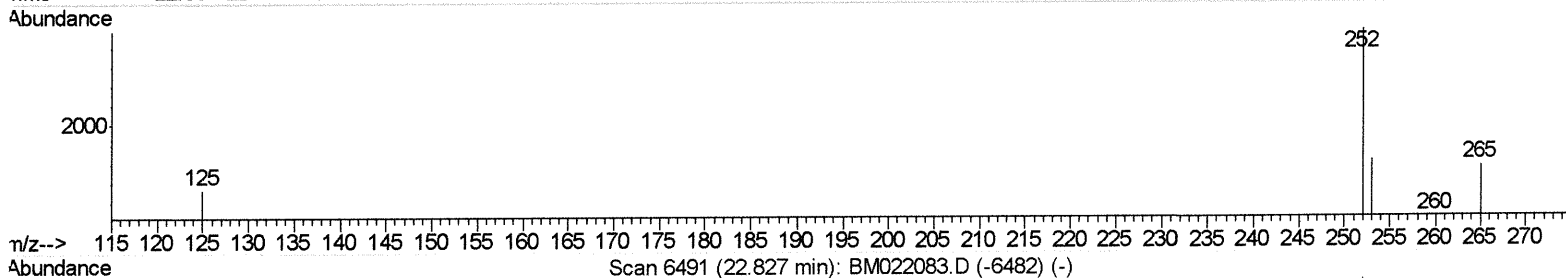
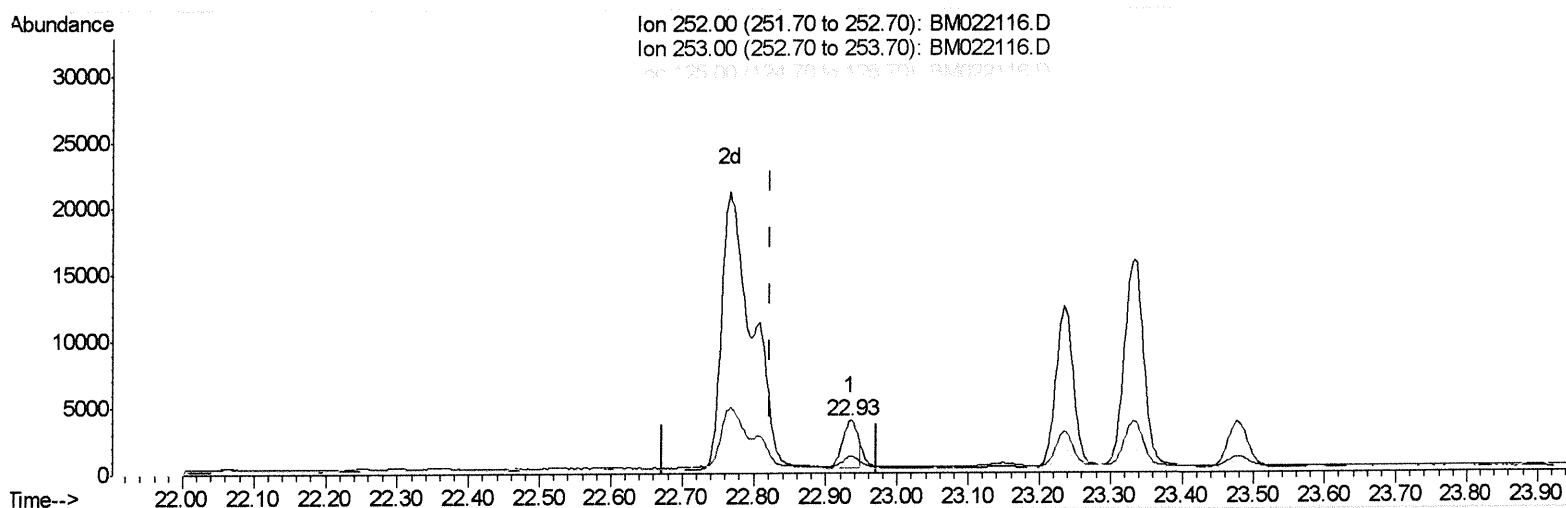
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(22) Benzo(k)fluoranthene

22.934min (+0.111) 0.30ng/ul

response 5168

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	31.67
125.00	15.20	16.87
0.00	0.00	0.00

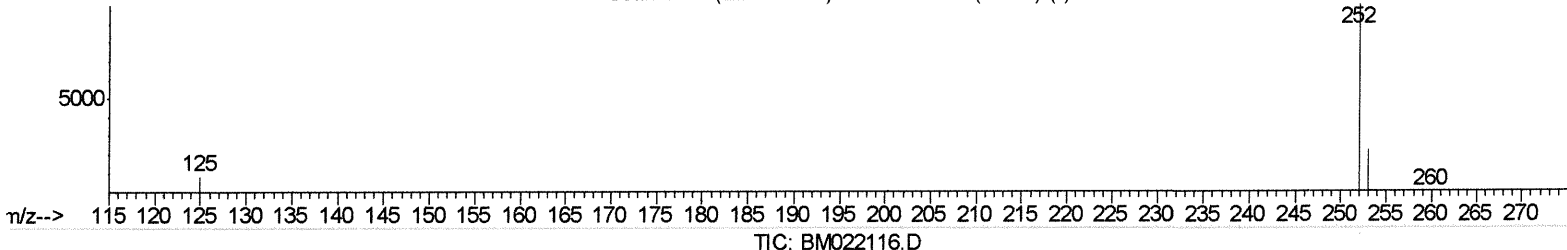
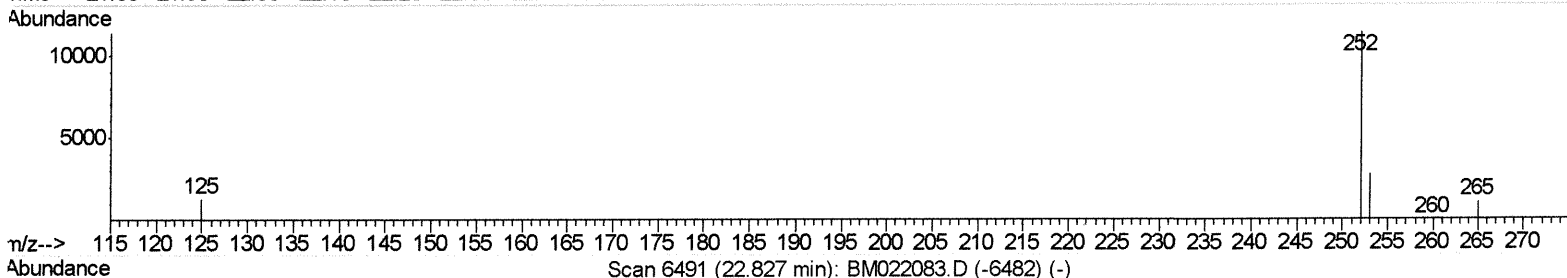
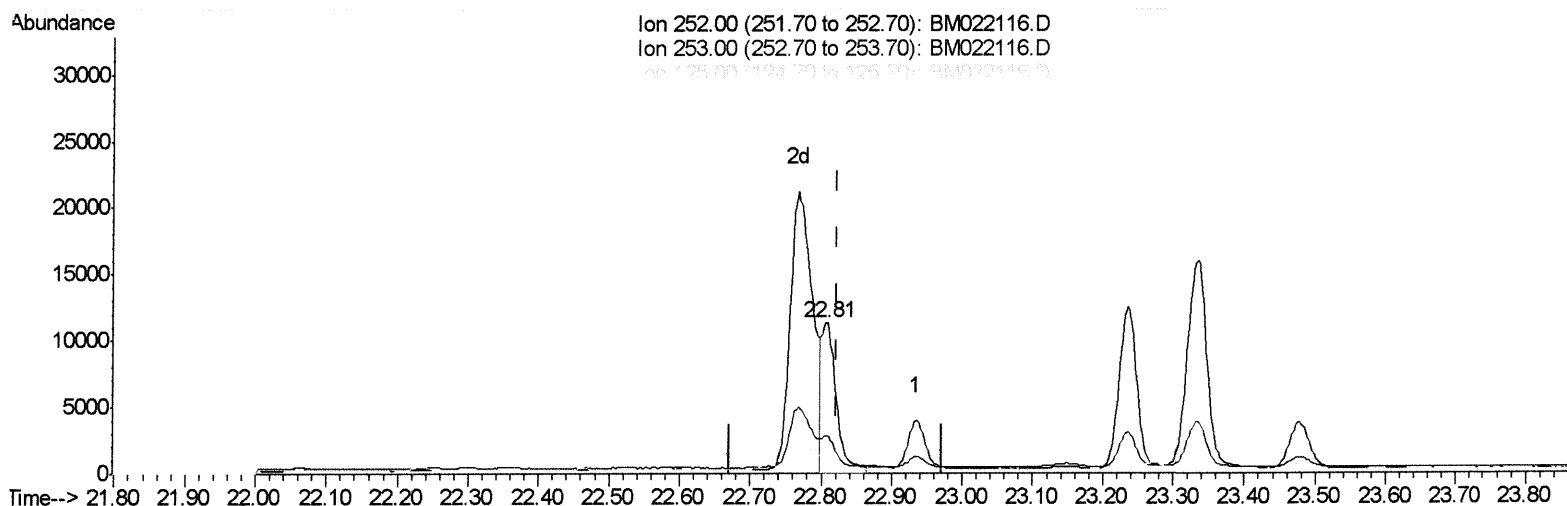
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(22) Benzo(k)fluoranthene

22.808min (-0.015) 0.95ng/ul m

JU
 08/15/19

response 16262

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	24.76#
125.00	15.20	11.91#
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	7.60	152	935	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	3807	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	2003	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.01	188	4323	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4278	0.40	ng/ul	-0.01
20) Perylene-d12	23.43	264	4465	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	371	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	861	0.06	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.43	128	2382	0.222	ng/ul	99
5) 2-Methylnaphthalene	12.08	142	837	0.117	ng/ul	96
7) Acenaphthylene	13.98	152	1263	0.135	ng/ul#	82
8) Acenaphthene	14.32	153	2814	0.368	ng/ul	98
9) Fluorene	15.32	166	2639	0.311	ng/ul	99
12) Phenanthrene	17.05	178	43889	3.489	ng/ul	96
13) Anthracene	17.15	178	9420	0.878	ng/ul	96
15) Fluoranthene	19.08	202	75190	4.462	ng/ul	96
17) Pyrene	19.45	202	64663	3.678	ng/ul	100
18) Benzo(a)anthracene	21.20	228	34729	2.270	ng/ul	98
19) Chrysene	21.26	228	34583	1.757	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	46757m	3.105	ng/ul	99
22) Benzo(k)fluoranthene	22.81	252	16262m	0.954	ng/ul	99
23) Benzo(a)pyrene	23.33	252	29802	1.946	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.63	276	21443	1.173	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	5224	0.354	ng/ul	96
26) Benzo(g,h,i)perylene	26.31	276	18486	1.123	ng/ul	98

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