

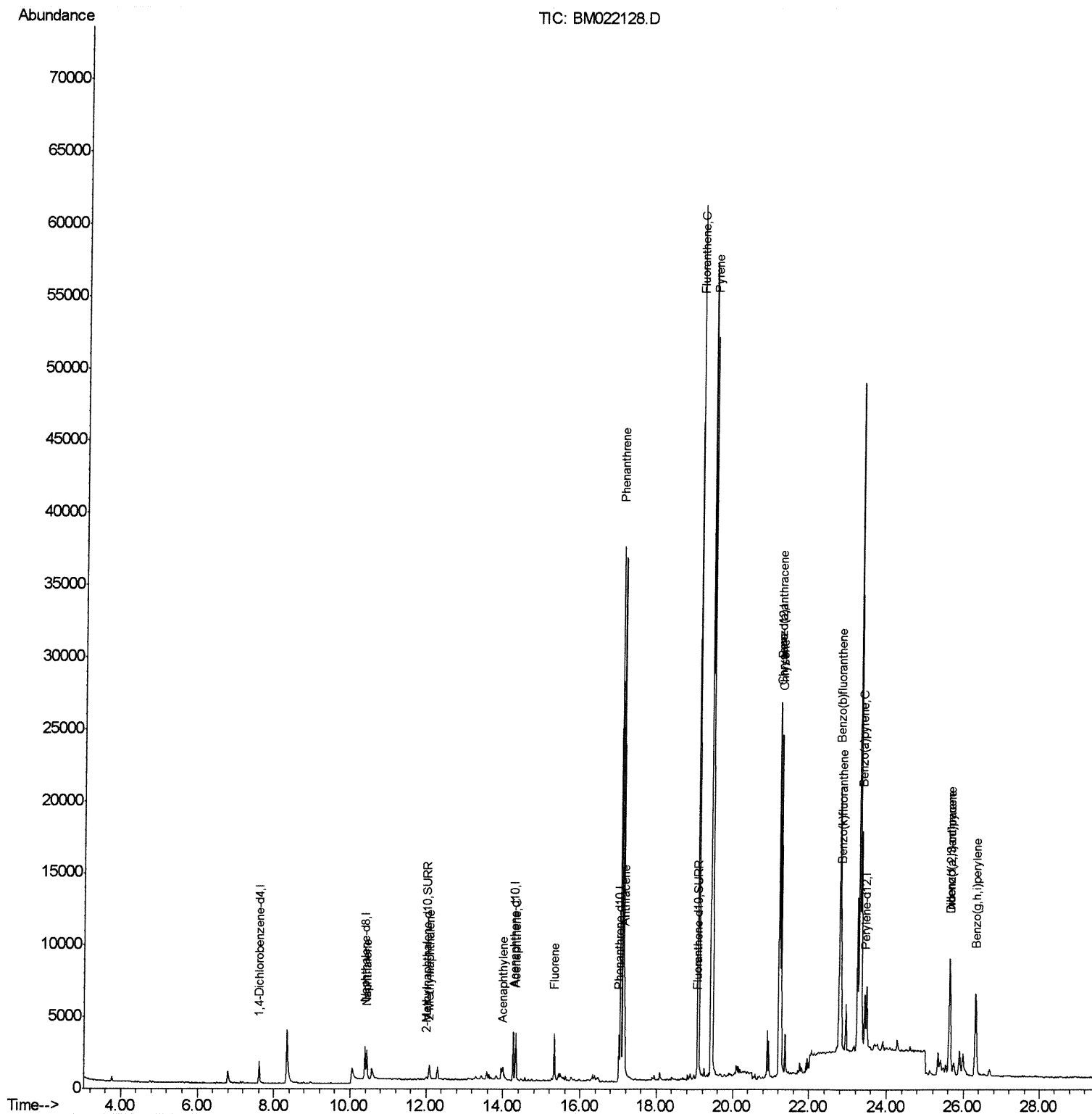
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022128.D
 Acq On : 15 Aug 2019 04:36
 Operator : HP/JU
 Sample : K4304-09DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P0DL

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:05 PM

Quant Time: Aug 15 12:39:05 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



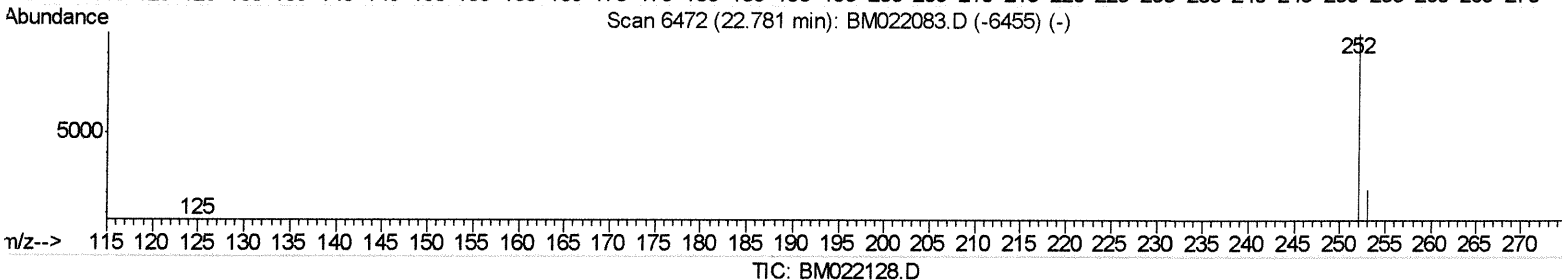
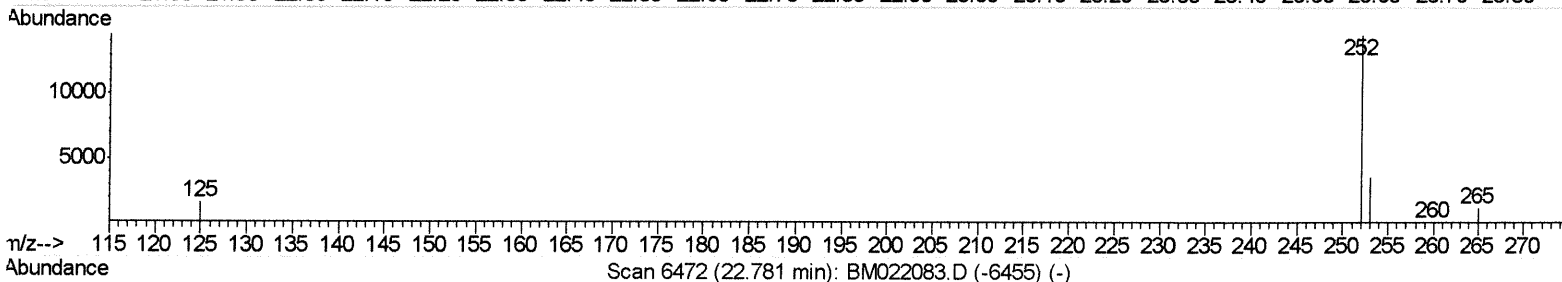
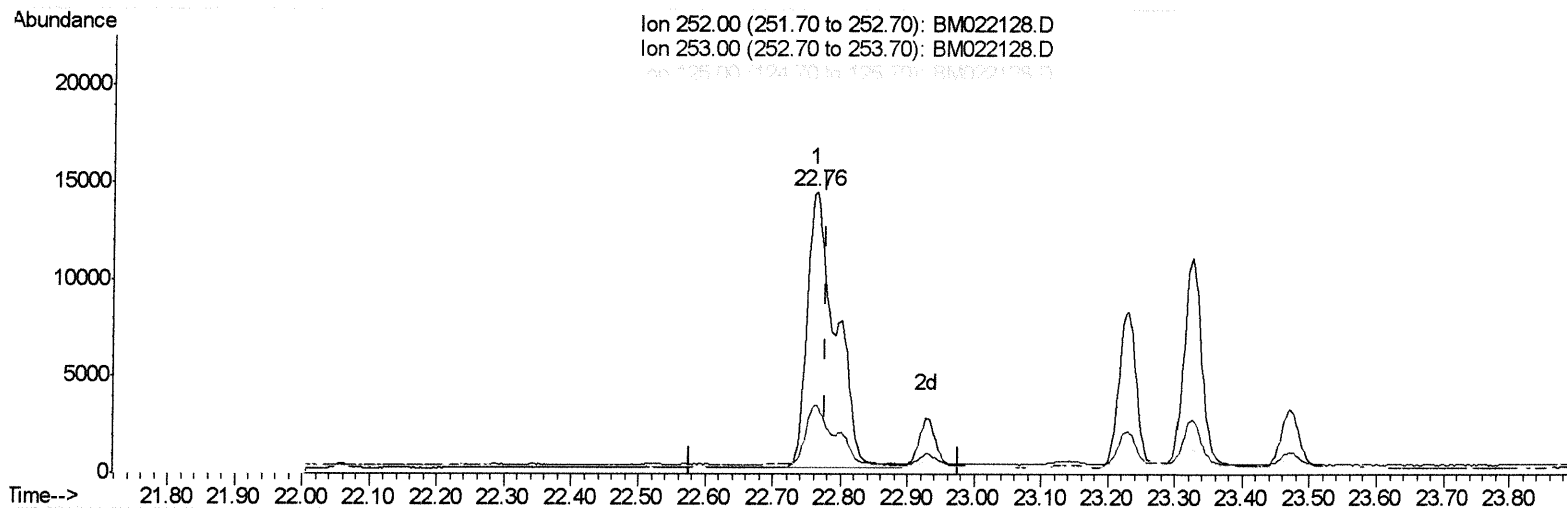
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(21) Benzo(b)fluoranthene

22.762min (-0.015) 2.89ng/ul

response 41936

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	24.42
125.00	15.50	10.87
0.00	0.00	0.00

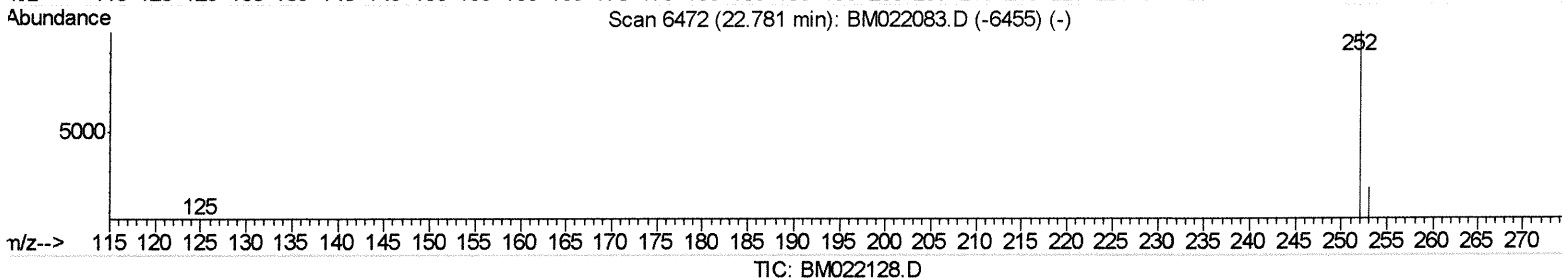
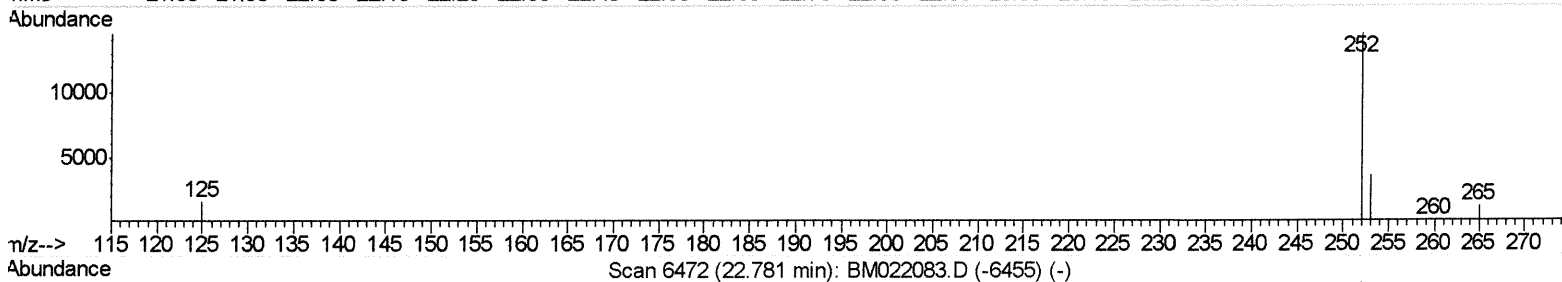
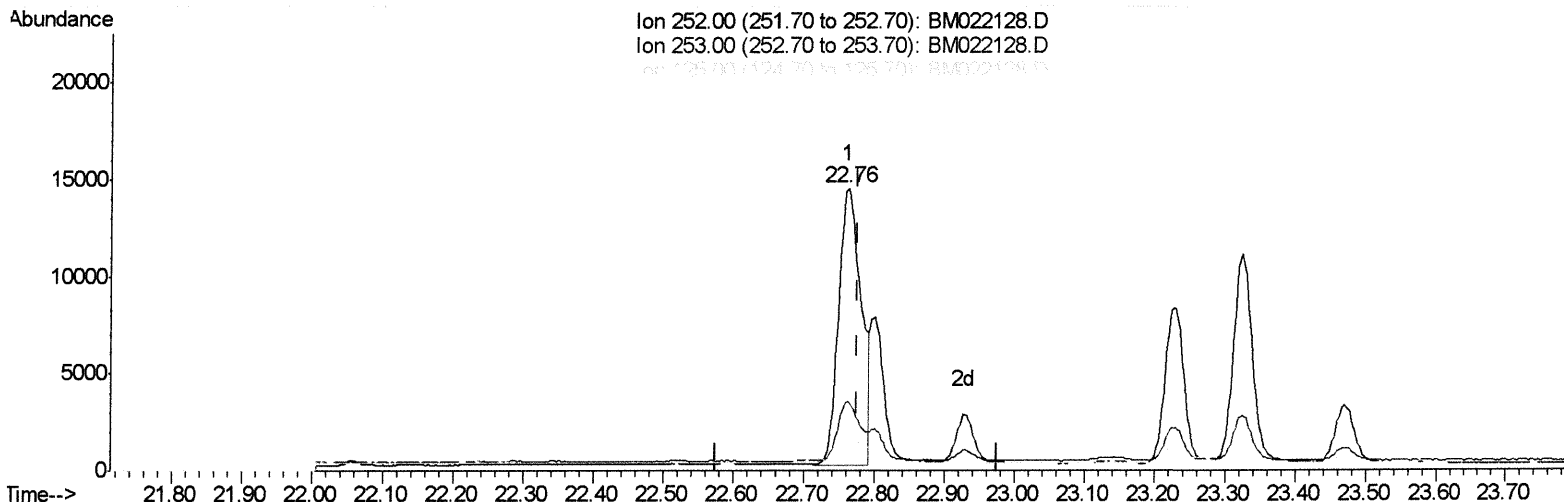
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(21) Benzo(b)fluoranthene

22.762min (-0.015) 2.17ng/ul m

JU
 8/15/19

response 31567

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	24.42
125.00	15.50	10.87
0.00	0.00	0.00

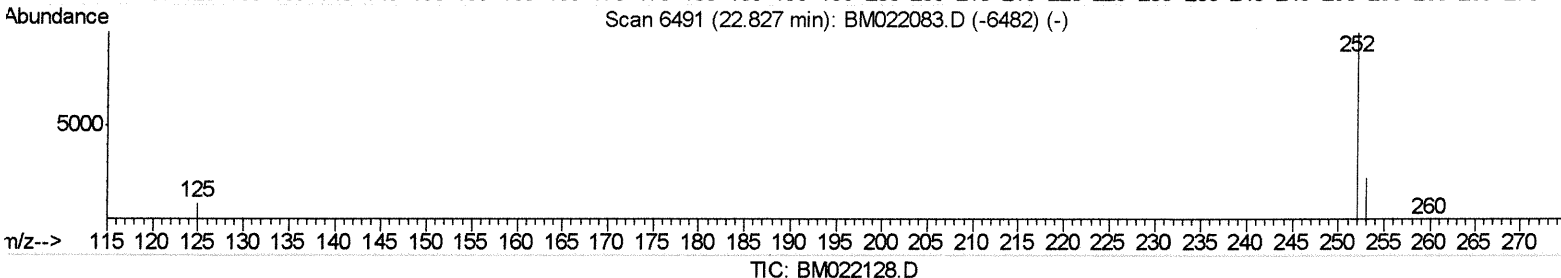
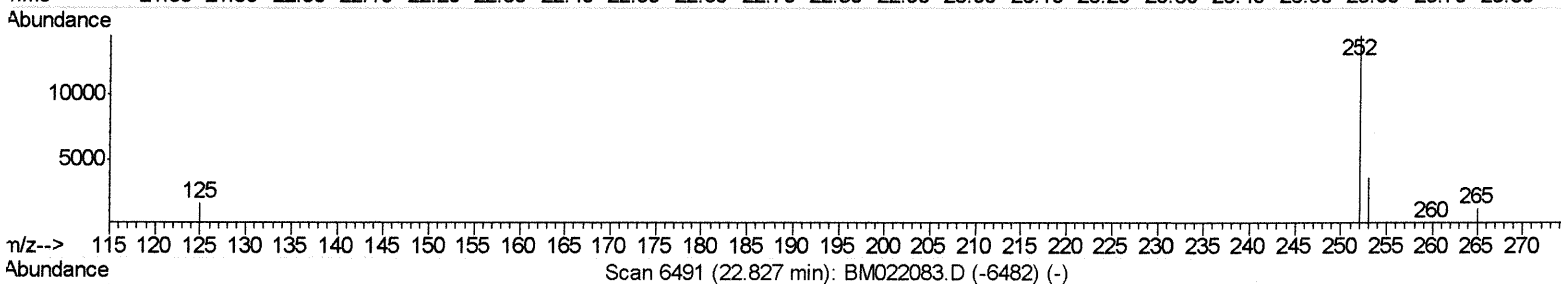
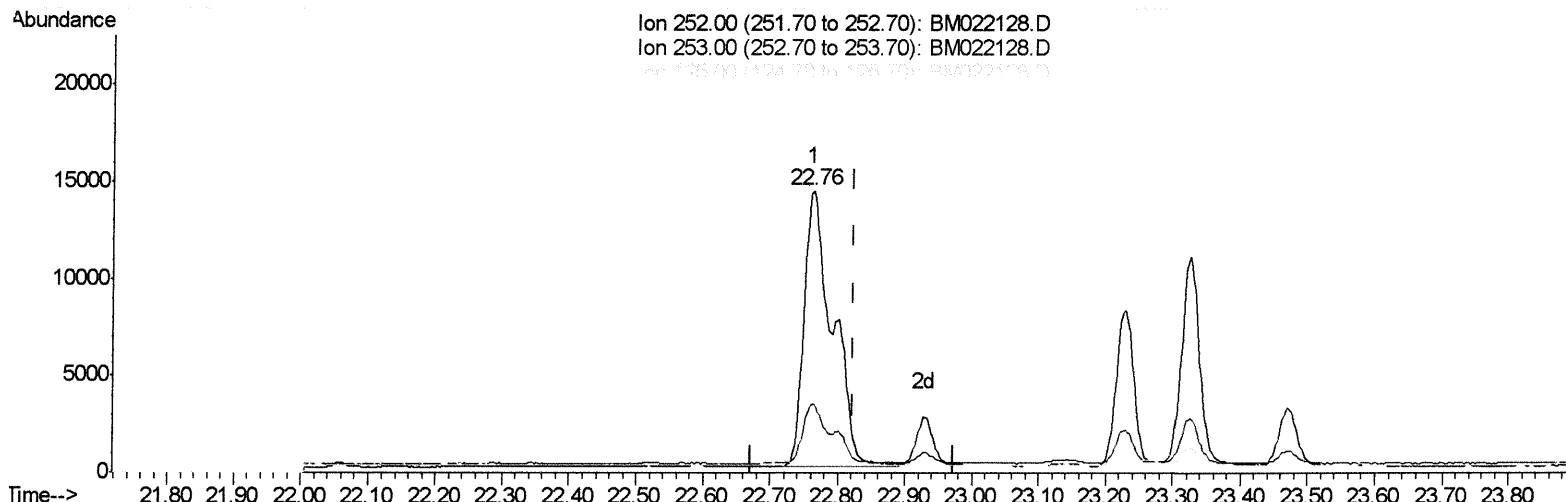
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Instrument :
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(22) Benzo(k)fluoranthene

22.762min (-0.061) 2.55ng/ul

response 41936

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	24.42#
125.00	15.20	10.87#
0.00	0.00	0.00

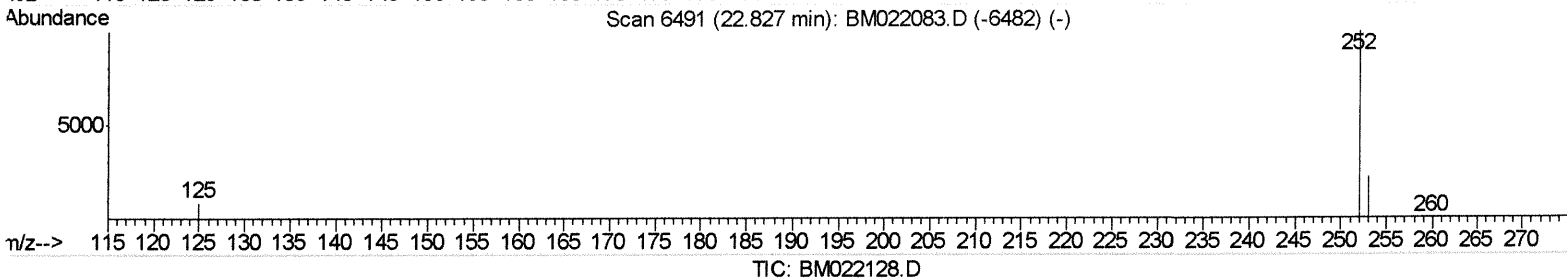
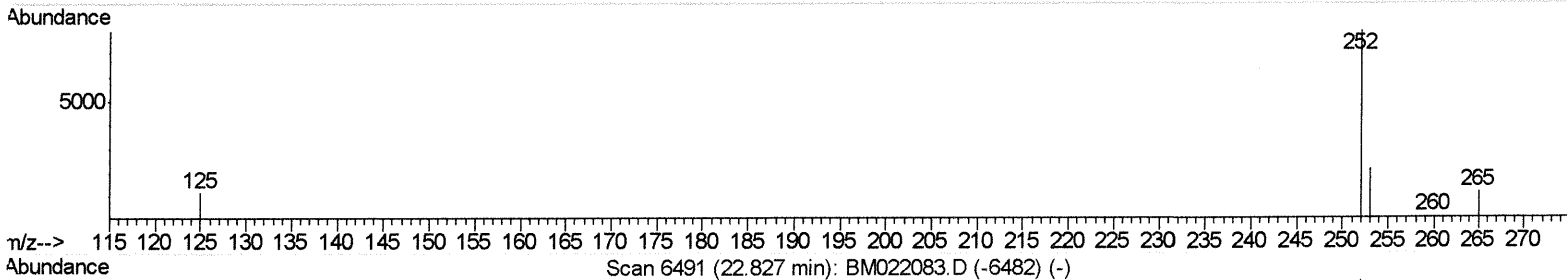
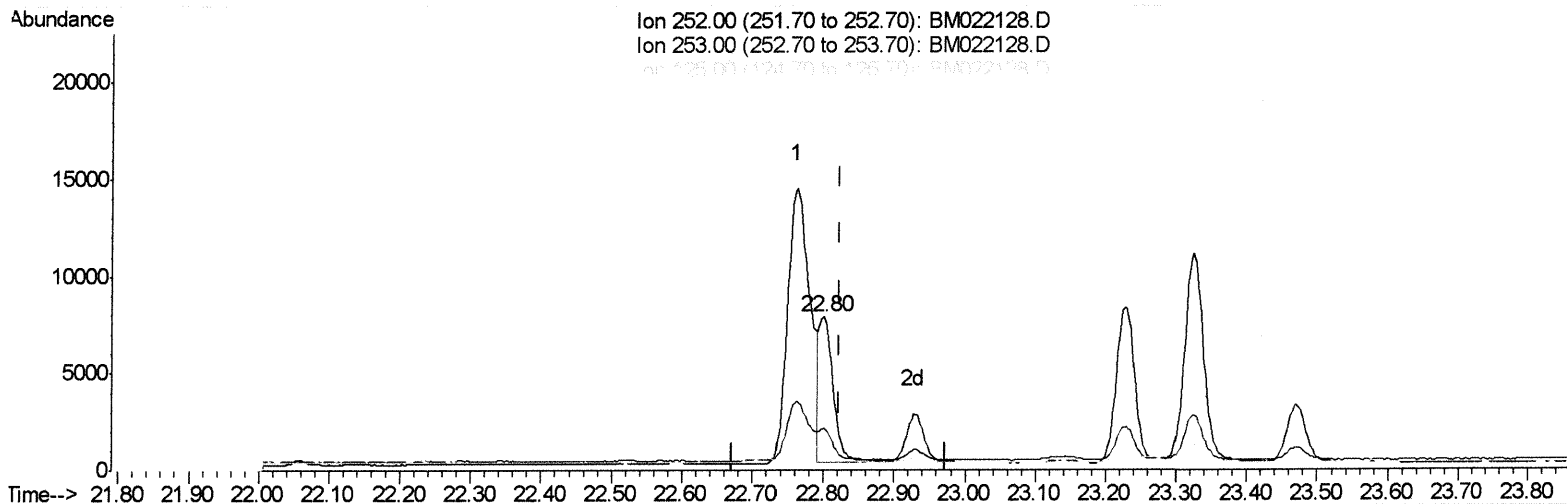
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(22) Benzo(k)fluoranthene

22.800min (-0.022) 0.64ng/ul m

JU
 8/15/19

response 10589

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	27.19
125.00	15.20	14.72
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	891	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	3703	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	1894	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.01	188	4097	0.40	ng/ul	-0.02
16) Chrysene-d12	21.21	240	4087	0.40	ng/ul	-0.02
20) Perylene-d12	23.42	264	4308	0.40	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.00	152	321	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	765	0.06	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.43	128	3184	0.304	ng/ul	98
5) 2-Methylnaphthalene	12.08	142	1112	0.160	ng/ul	97
7) Acenaphthylene	13.98	152	927	0.105	ng/ul#	77
8) Acenaphthene	14.32	153	2076	0.287	ng/ul	97
9) Fluorene	15.32	166	2472	0.308	ng/ul	99
12) Phenanthrene	17.05	178	40317	3.382	ng/ul	96
13) Anthracene	17.15	178	7891	0.776	ng/ul	96
15) Fluoranthene	19.08	202	55089	3.450	ng/ul	96
17) Pyrene	19.45	202	46692	2.780	ng/ul	99
18) Benzo(a)anthracene	21.20	228	24072	1.647	ng/ul	99
19) Chrysene	21.25	228	24235	1.289	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	31567m →	2.173	ng/ul	97
22) Benzo(k)fluoranthene	22.80	252	10589m →	0.644	ng/ul	97
23) Benzo(a)pyrene	23.32	252	20175	1.366	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.63	276	13952	0.791	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.63	278	3596	0.252	ng/ul#	85
26) Benzo(g,h,i)perylene	26.31	276	12153	0.765	ng/ul	99

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