

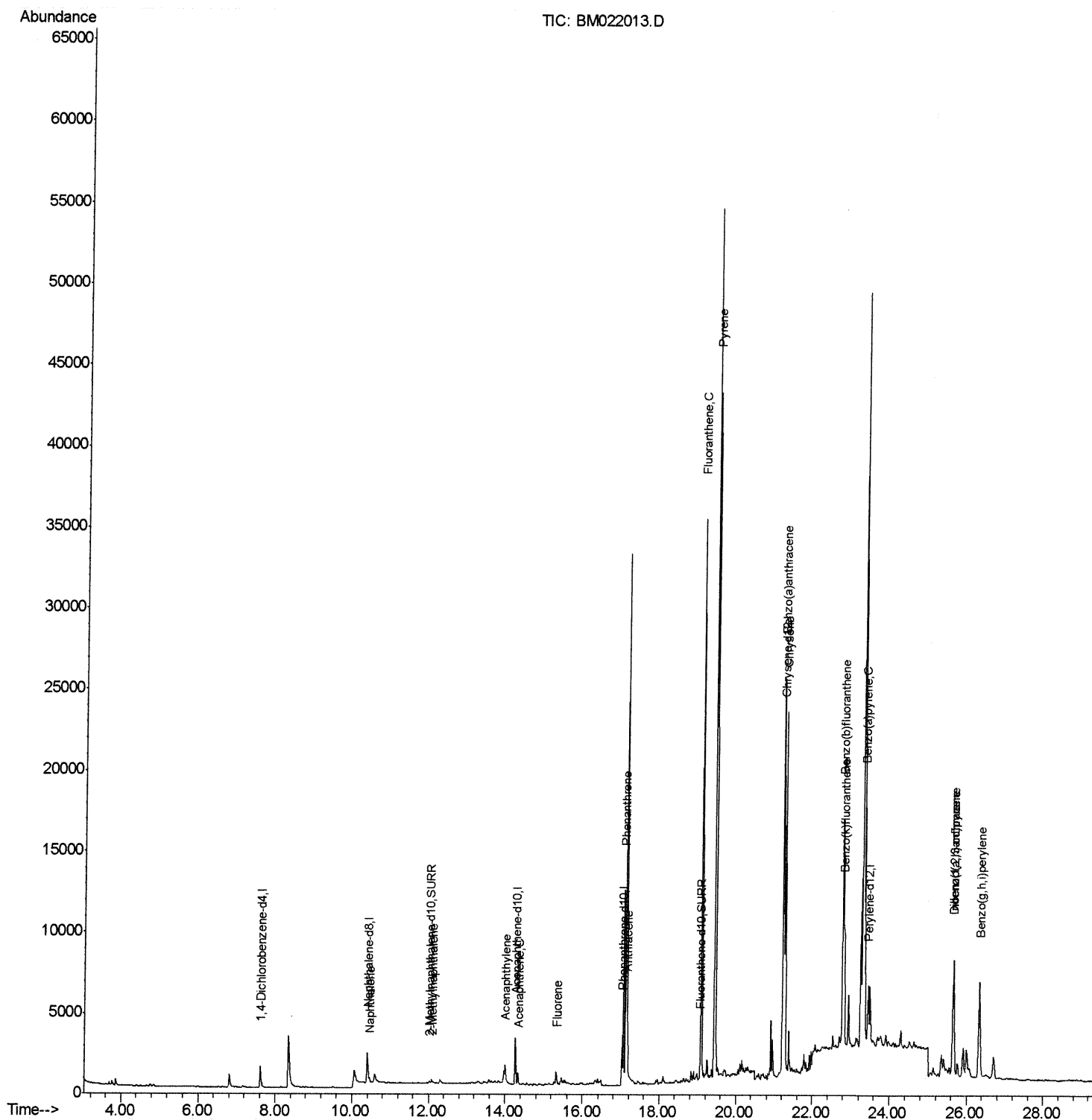
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022013.D
Acq On : 11 Aug 2019 02:19
Operator : HP/JU
Sample : K4028-04DL 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENQ6DL

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:40 AM

Quant Time: Aug 11 03:52:14 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 : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

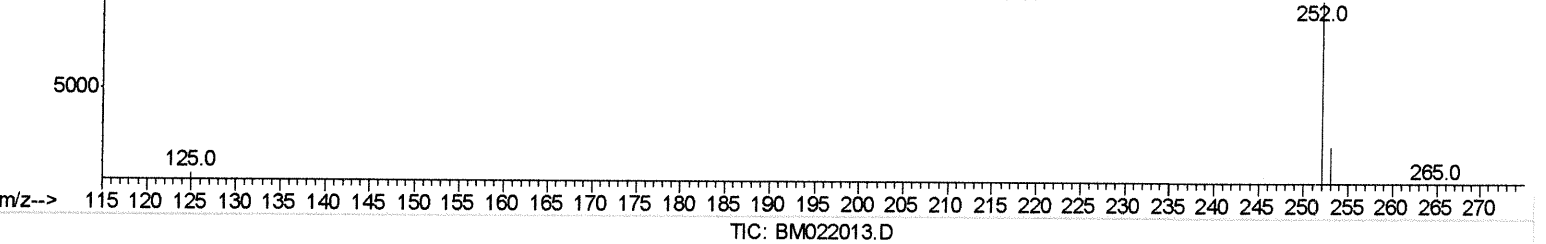
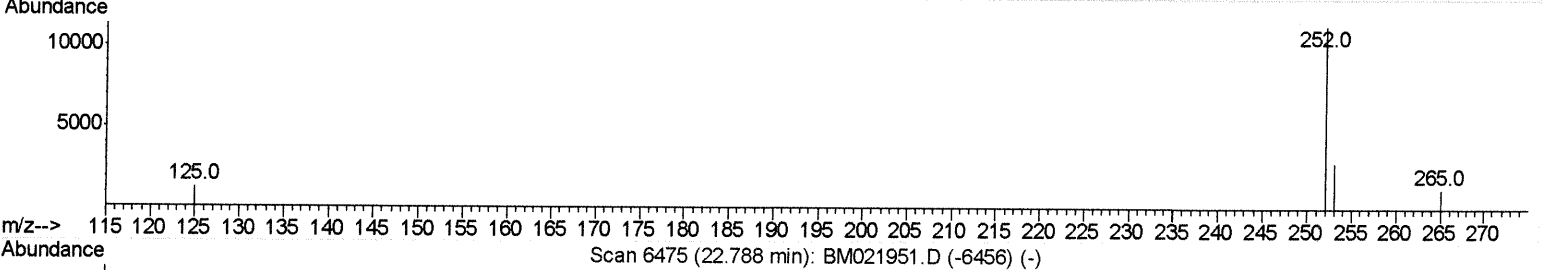
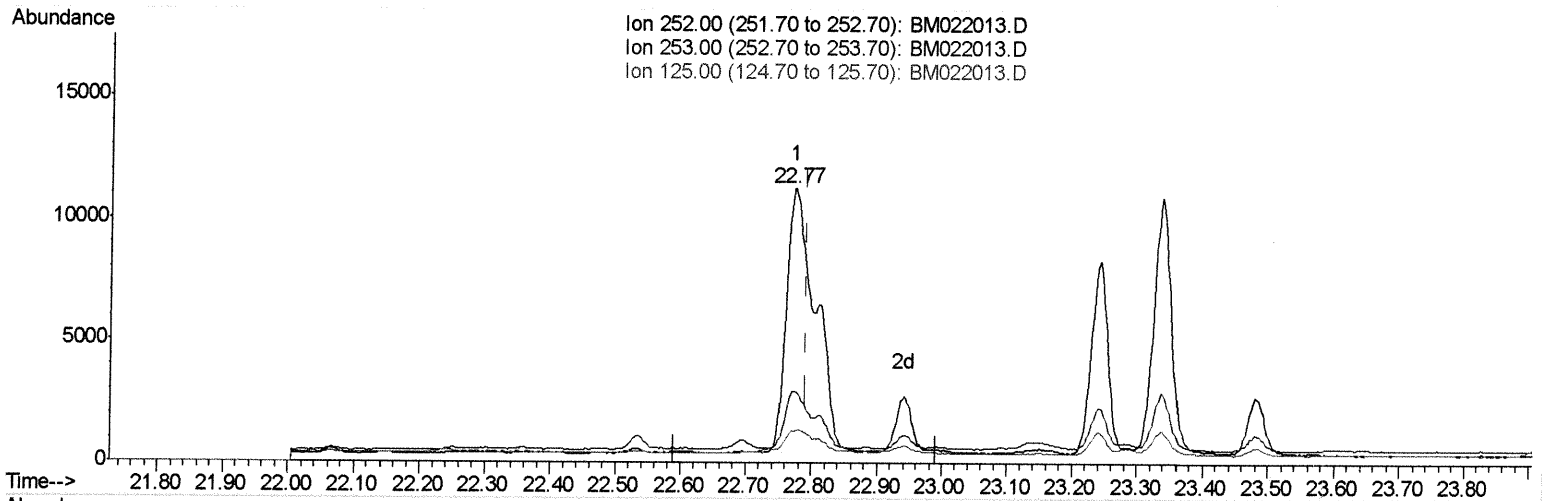
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(21) Benzo(b)fluoranthene
 22.774min (-0.017) 2.31ng/ul
 response 33260

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.85
125.00	15.50	11.54
0.00	0.00	0.00

Quantitation Report (Qedit)

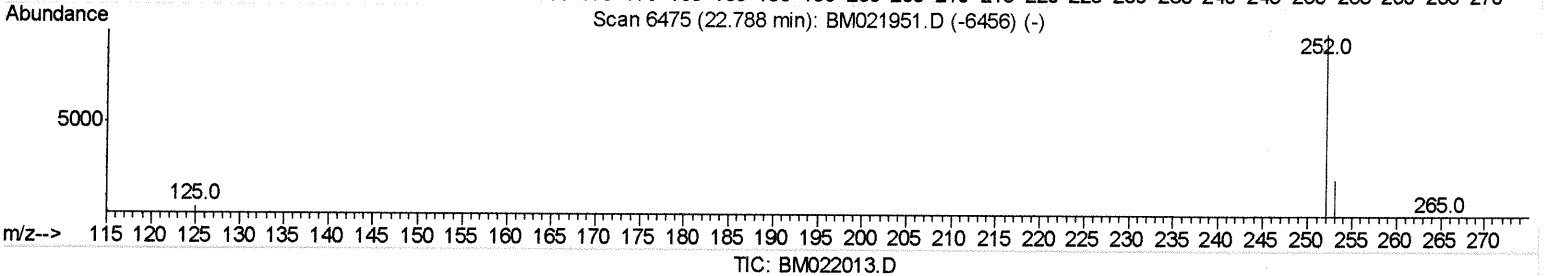
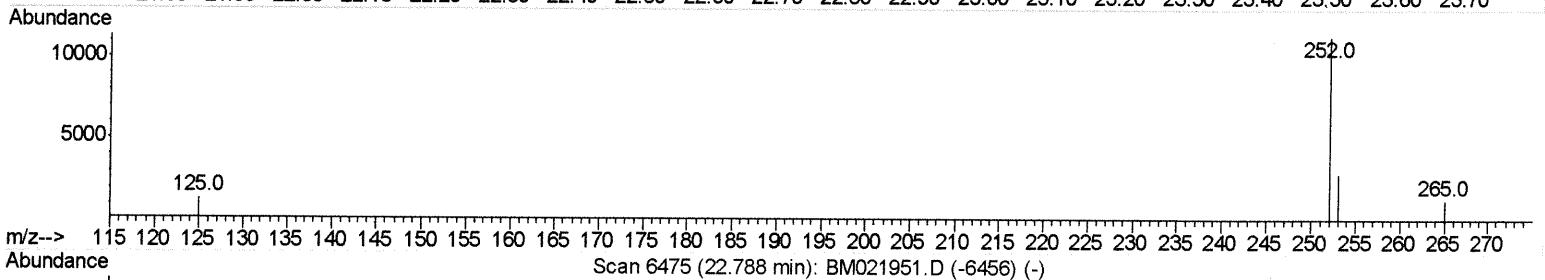
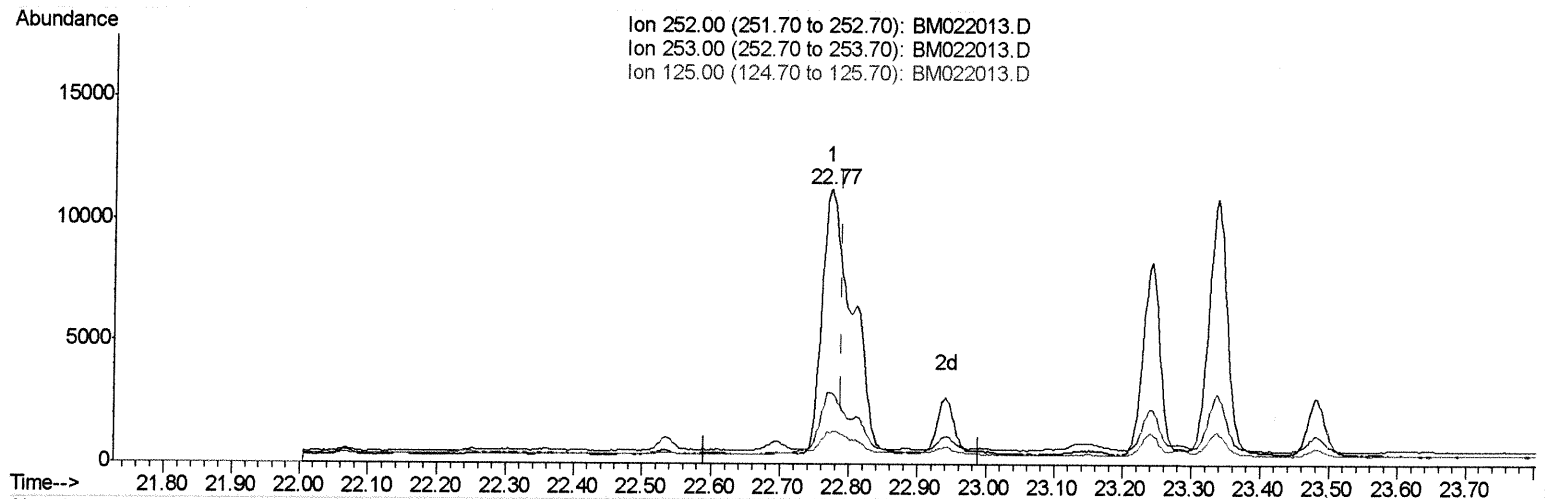
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(21) Benzo(b)fluoranthene

22.774min (-0.017) 1.73ng/ul m

JU
 08/12/19

response 24913

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.85
125.00	15.50	11.54
0.00	0.00	0.00

Quantitation Report (Qedit)

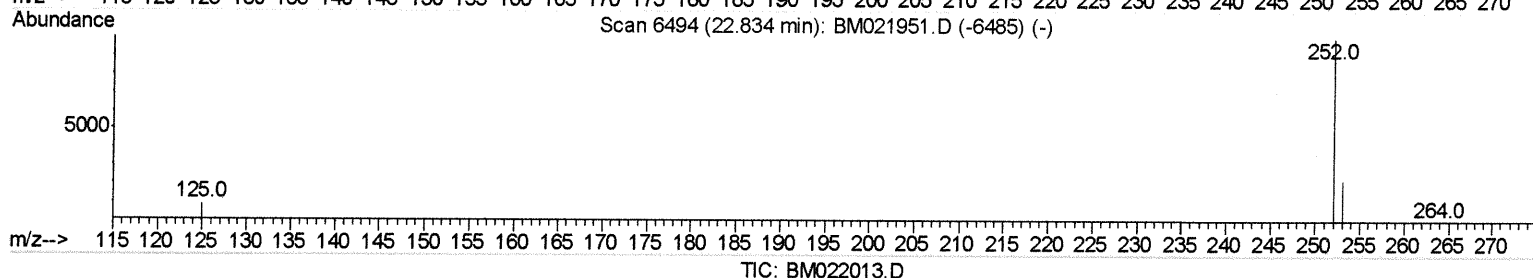
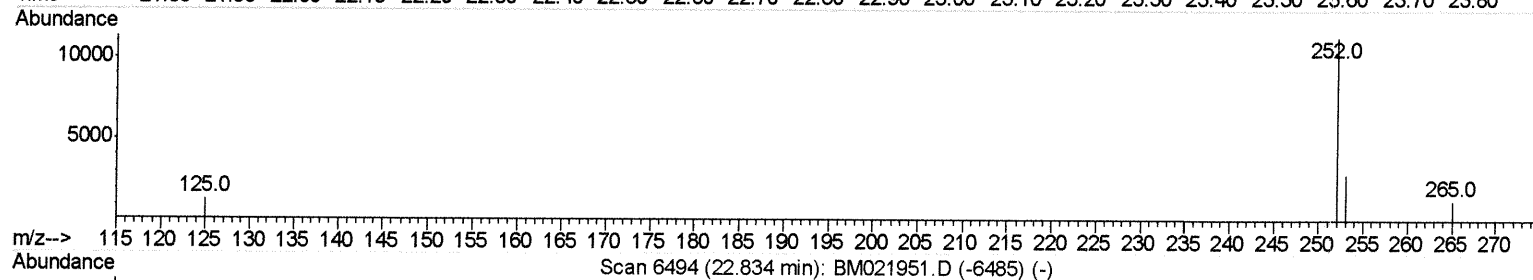
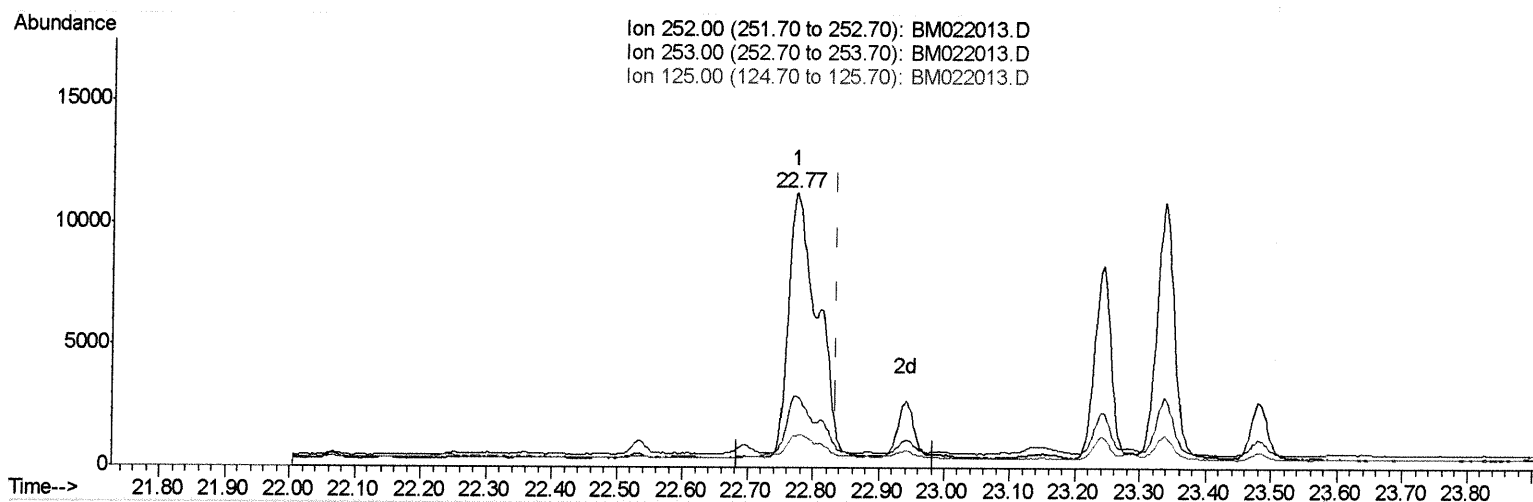
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 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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(22) Benzo(k)fluoranthene

22.774min (-0.061) 2.04ng/ul

response 33260

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.85#
125.00	15.20	11.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

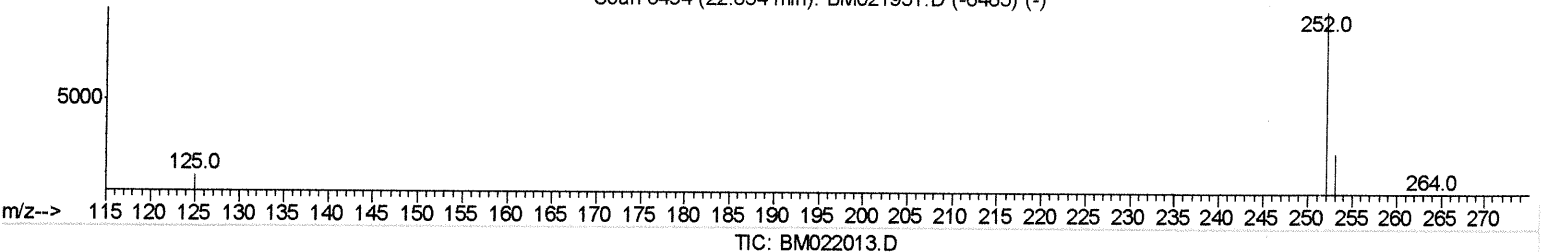
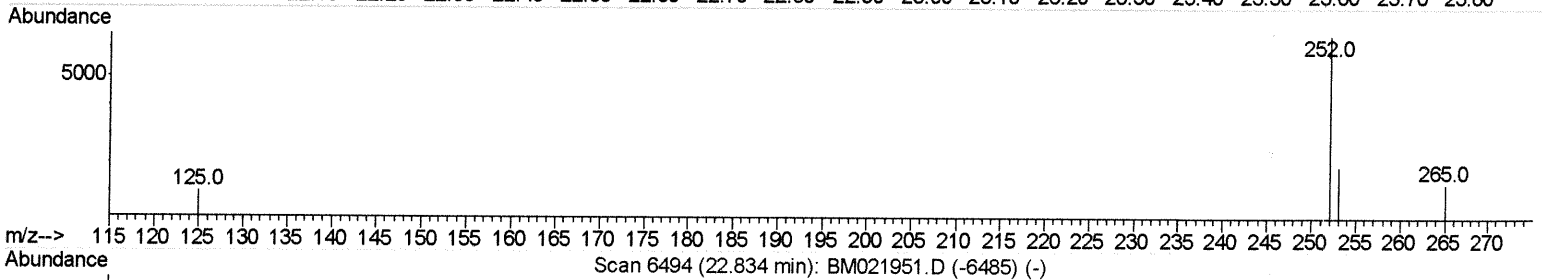
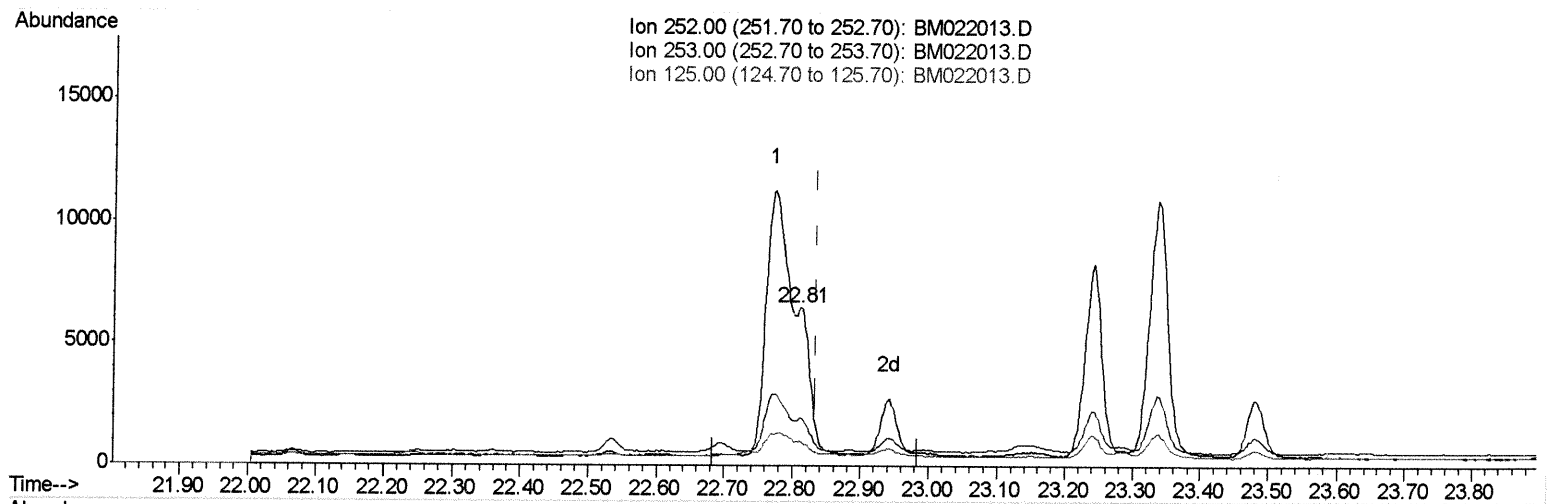
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Instrument :
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(22) Benzo(k)fluoranthene

22.810min (-0.025) 0.58ng/ul m

JU
08/12/19

response 9363

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	29.72
125.00	15.20	15.56
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	7.61	152	744	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.40	136	3109	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1688	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	3825	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	3902	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	4264	0.40	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.01	152	222	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	651	0.05	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.45	128	328	0.037	ng/ul#	57
5) 2-Methylnaphthalene	12.09	142	234	0.040	ng/ul	85
7) Acenaphthylene	13.99	152	1476	0.187	ng/ul#	82
8) Acenaphthene	14.33	153	509	0.079	ng/ul	92
9) Fluorene	15.33	166	639	0.089	ng/ul#	94
12) Phenanthrene	17.06	178	13323	1.197	ng/ul	97
13) Anthracene	17.16	178	3175	0.334	ng/ul	98
15) Fluoranthene	19.09	202	30427	2.041	ng/ul	97
17) Pyrene	19.45	202	36546	2.279	ng/ul	99
18) Benzo(a)anthracene	21.21	228	20358	1.459	ng/ul	98
19) Chrysene	21.26	228	22902	1.276	ng/ul	98
21) Benzo(b)fluoranthene	22.77	252	24913m→	1.733	ng/ul	2250 8/12/19
22) Benzo(k)fluoranthene	22.81	252	9363m→	0.575	ng/ul	2250 8/12/19
23) Benzo(a)pyrene	23.34	252	19688	1.346	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.64	276	11841	0.678	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.65	278	3421	0.242	ng/ul#	81
26) Benzo(a,h,i)perylene	26.32	276	12418	0.790	ng/ul	99

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