

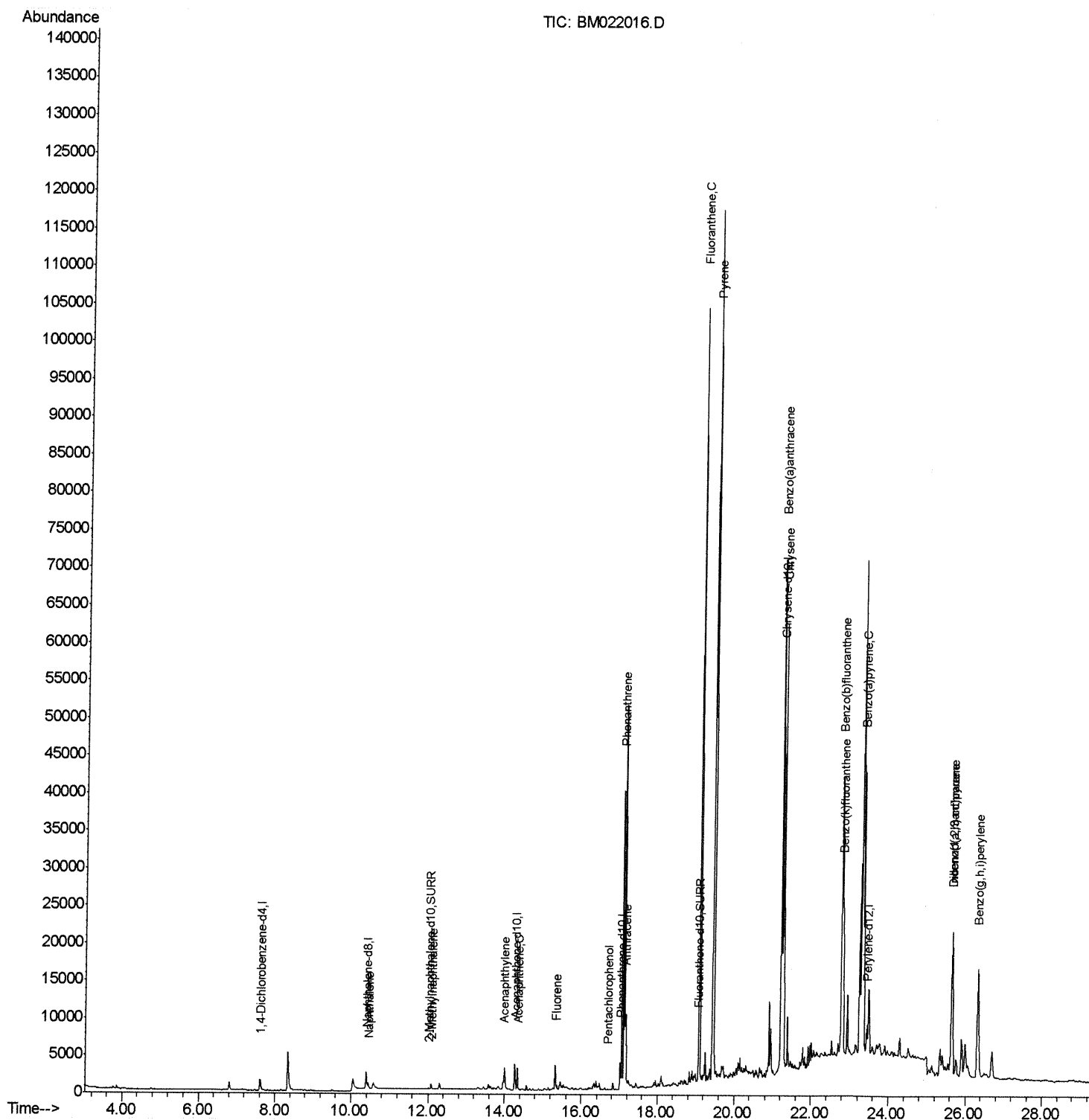
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
Data File : BM022016.D
Acq On : 11 Aug 2019 04:09
Operator : HP/JU
Sample : K4028-08DL 5X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENZ0DL

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:28 AM

Quant Time: Aug 12 01:36:16 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

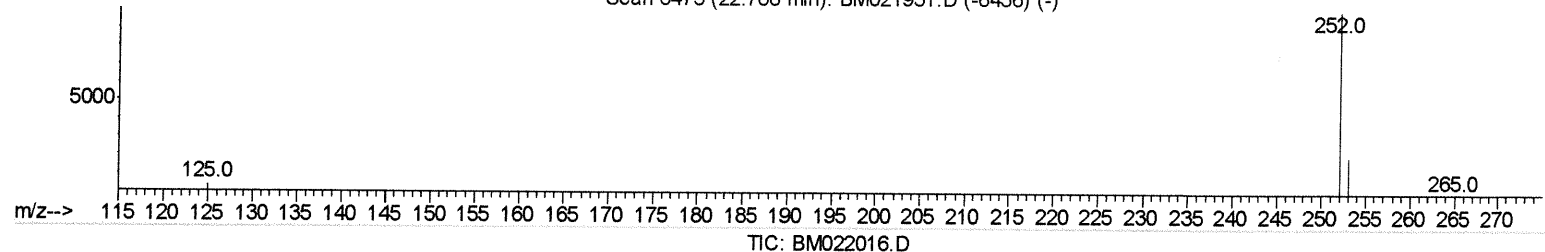
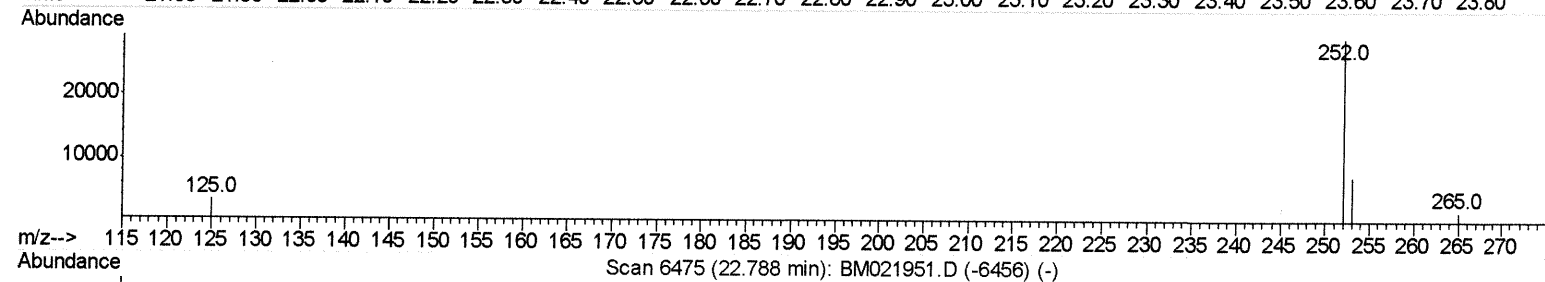
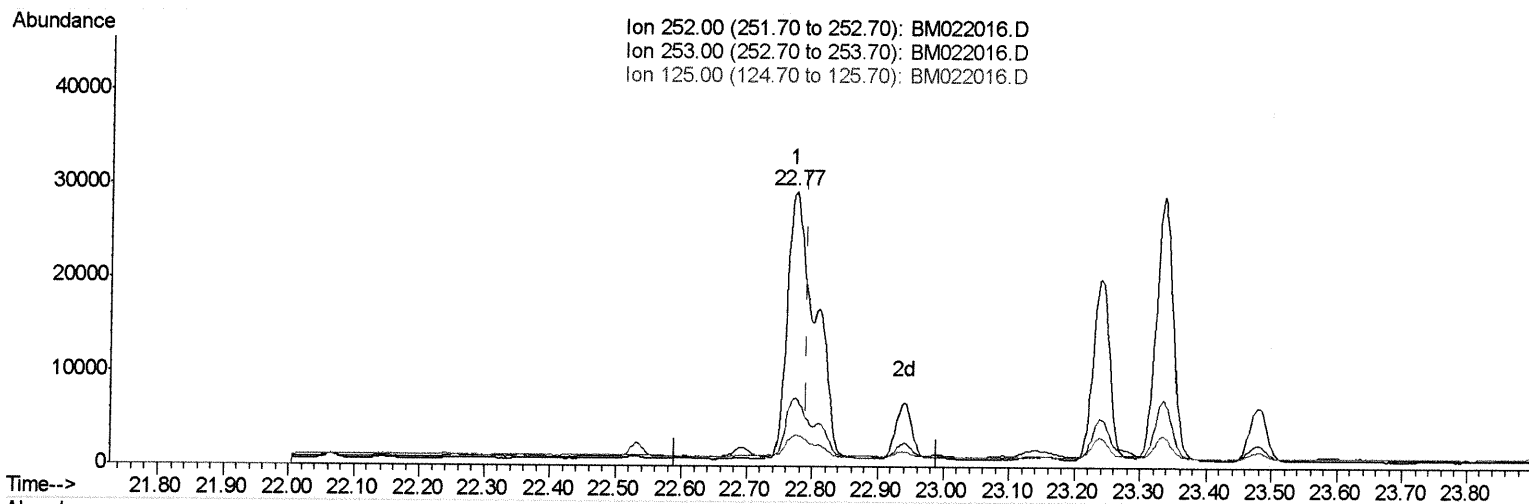
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(21) Benzo(b)fluoranthene

22.772min (-0.019) 4.52ng/ul

response 85145

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.05
125.00	15.50	11.27
0.00	0.00	0.00

Quantitation Report (Qedit)

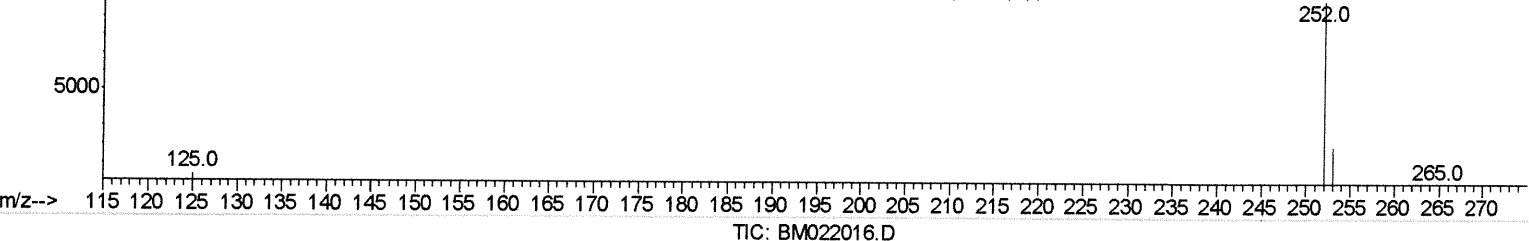
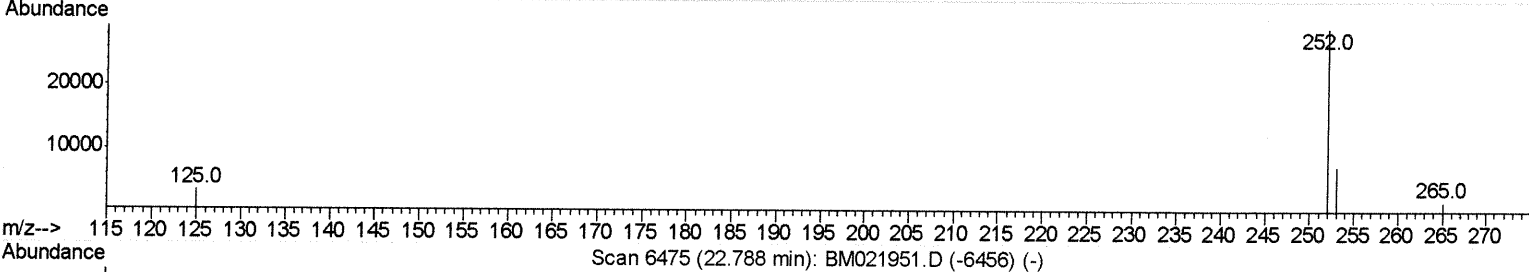
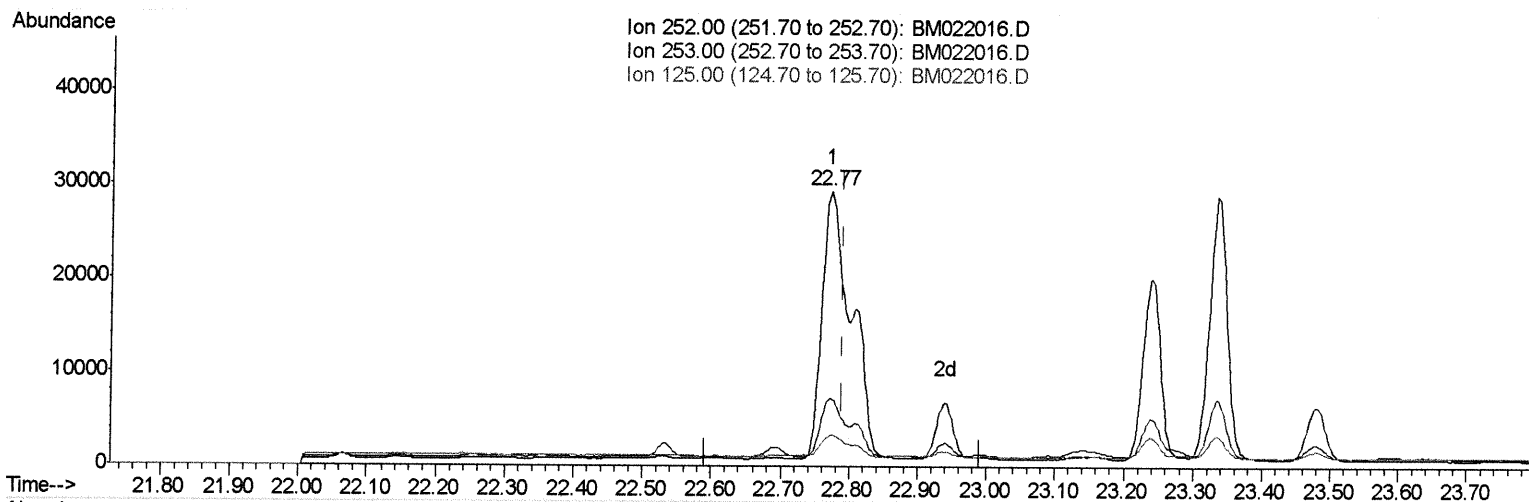
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(21) Benzo(b)fluoranthene

22.772min (-0.019) 3.30ng/ul m *JU* 08/12/19

response 62036

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.05
125.00	15.50	11.27
0.00	0.00	0.00

Quantitation Report (Qedit)

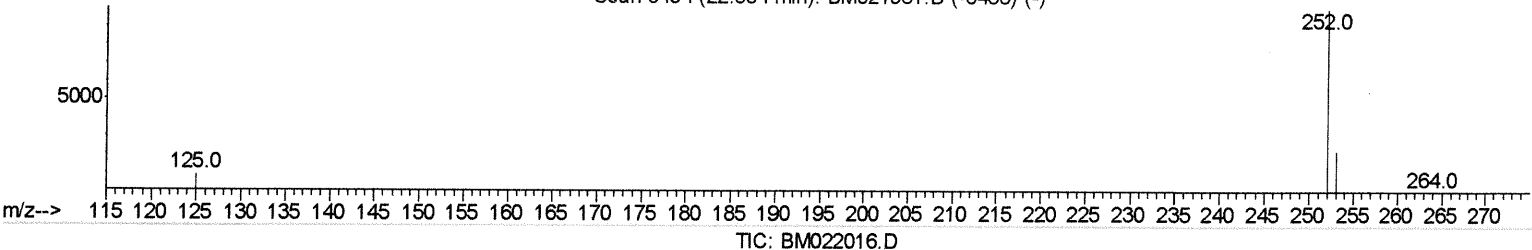
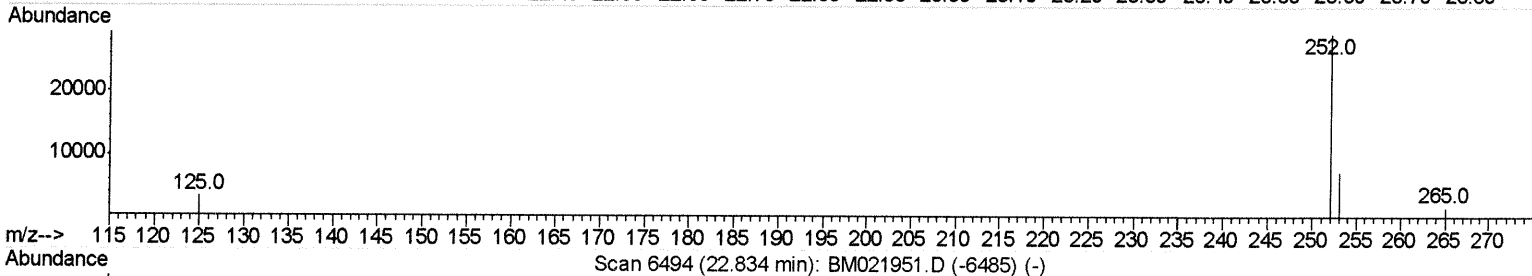
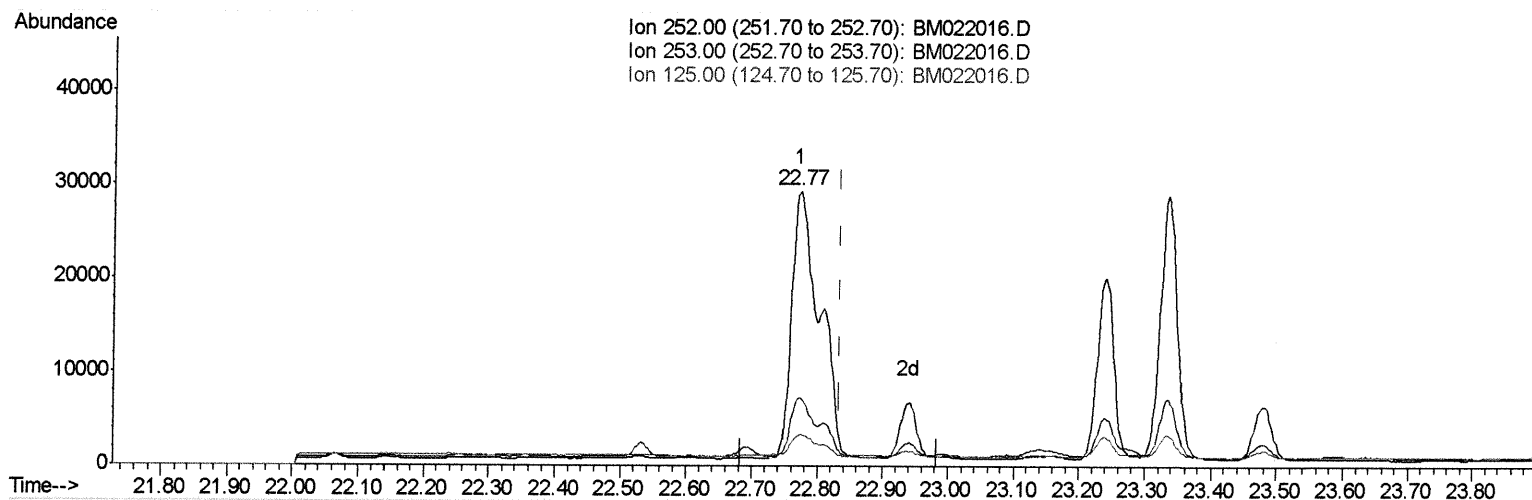
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 Operator : HP/JU
 Sample : K4028-08DL 5X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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(22) Benzo(k)fluoranthene
 22.772min (-0.063) 4.00ng/ul
 response 85108

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.05#
125.00	15.20	11.27#
0.00	0.00	0.00

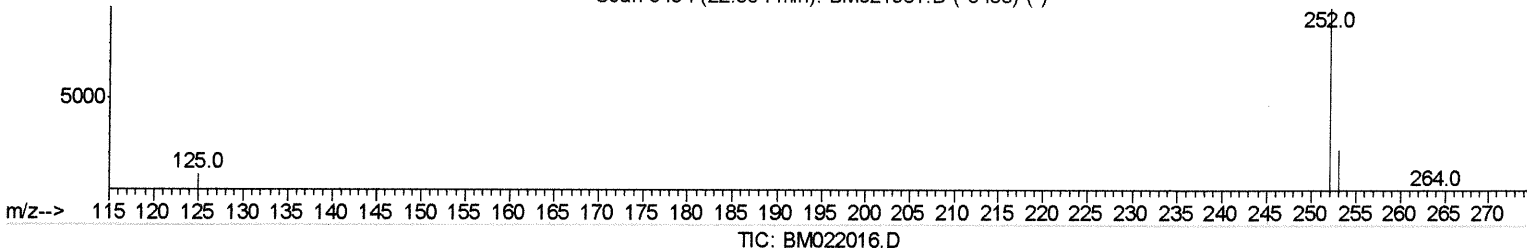
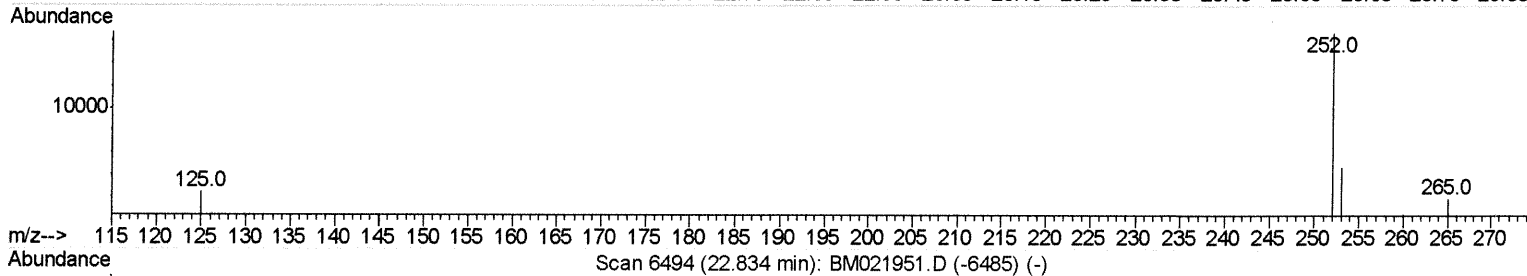
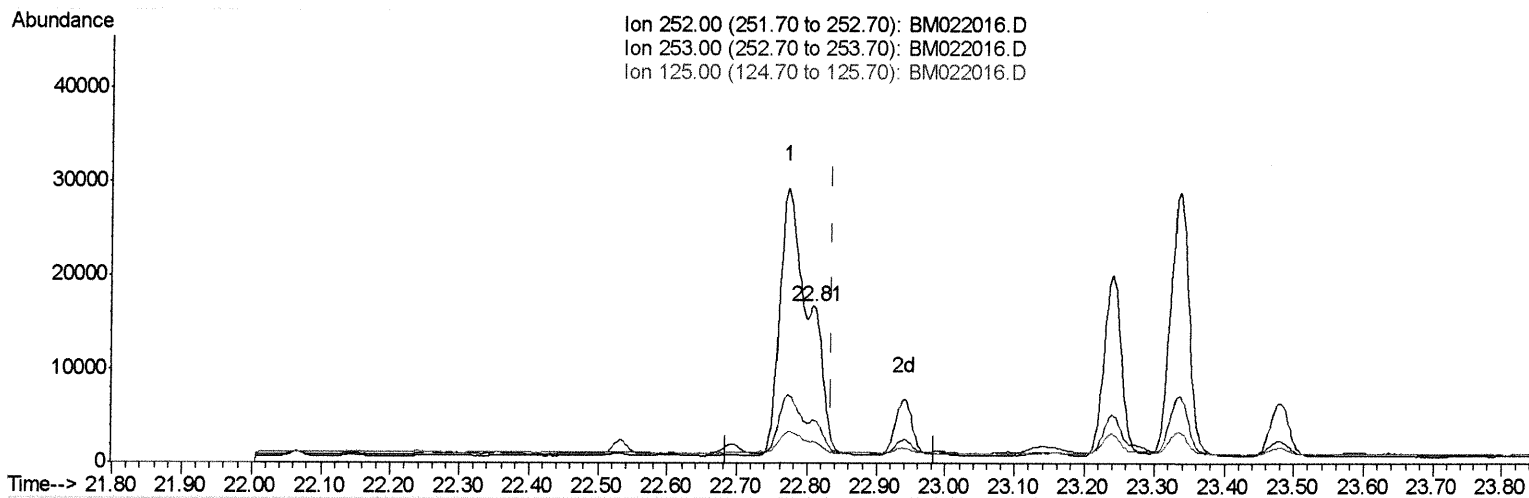
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(22) Benzo(k)fluoranthene

22.808min (-0.027) 1.06ng/ul m

JU
08/12/19

response 22534

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	27.83
125.00	15.20	14.15
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	810	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	3402	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1890	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.02	188	4292	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4148	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	5581	0.40	ng/ul	-0.02

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.01	152	309	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	898	0.06	ng/ul	-0.02

Target Compounds

						Ovalue
3) Naphthalene	10.45	128	1056	0.110	ng/ul#	90
5) 2-Methylnaphthalene	12.08	142	554	0.087	ng/ul	96
7) Acenaphthylene	13.99	152	3333	0.378	ng/ul#	84
8) Acenaphthene	14.33	153	1795	0.249	ng/ul	97
9) Fluorene	15.32	166	2346	0.293	ng/ul	99
11) Pentachlorophenol	16.69	266	55	0.069	ng/ul	89
12) Phenanthrene	17.06	178	41631	3.334	ng/ul	97
13) Anthracene	17.16	178	10832	1.017	ng/ul	97
15) Fluoranthene	19.09	202	88184	5.271	ng/ul	96
17) Pyrene	19.45	202	100767	5.912	ng/ul	98
18) Benzo(a)anthracene	21.21	228	56297	3.794	ng/ul	99
19) Chrysene	21.26	228	58124	3.046	ng/ul	98
21) Benzo(b)fluoranthene	22.77	252	62036m	3.296	ng/ul	97
22) Benzo(k)fluoranthene	22.81	252	22534m	1.058	ng/ul	97
23) Benzo(a)pyrene	23.33	252	51195	2.675	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.64	276	30125	1.318	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.64	278	9077	0.491	ng/ul#	83
26) Benzo(a,h,i)perylene	26.32	276	30491	1.482	ng/ul	98

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