

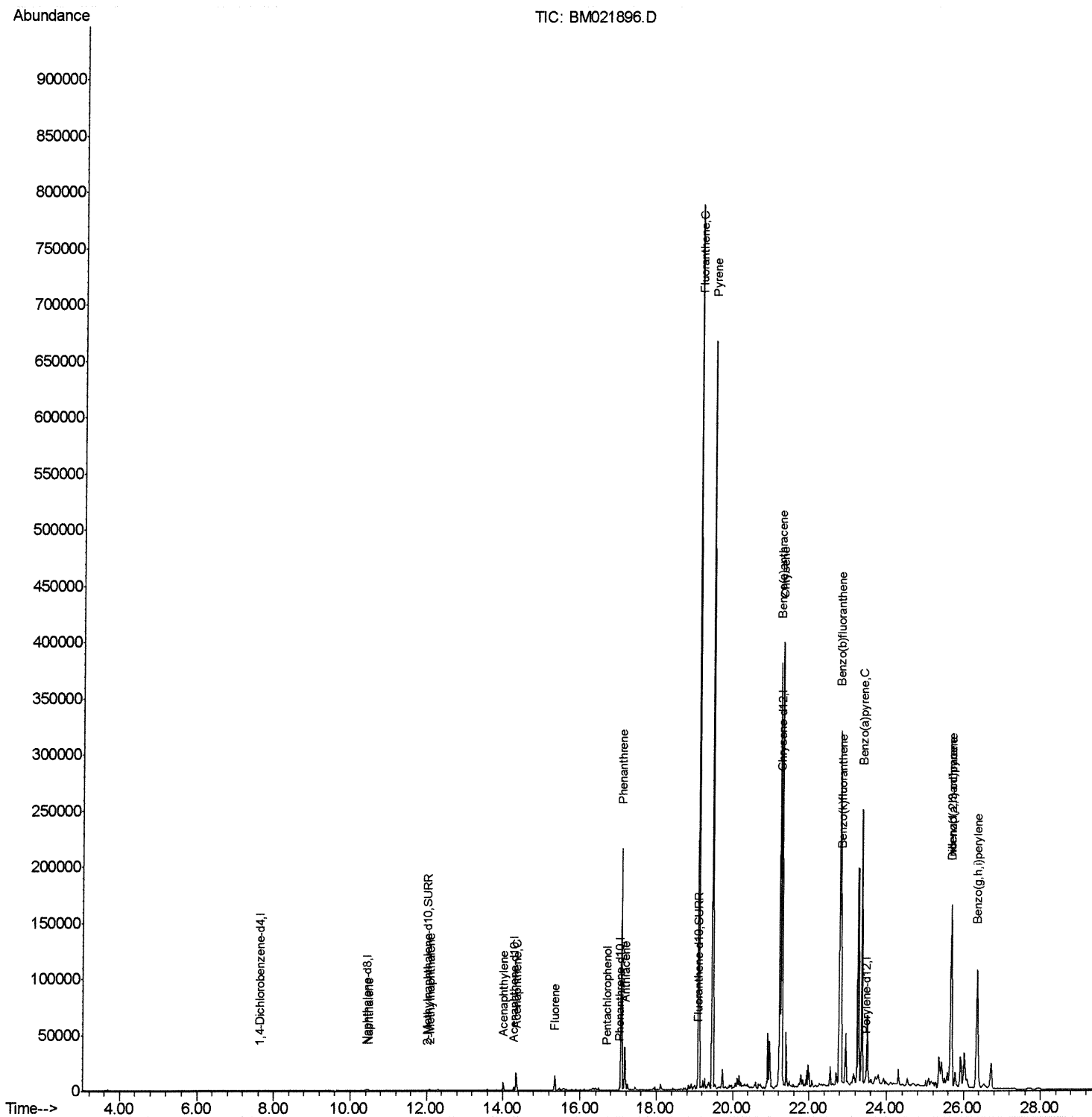
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021896.D
Acq On : 07 Aug 2019 15:13
Operator : HP/JU
Sample : K3893-06MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP11MS

Manual Integrations
APPROVED

mohammad
8/7/2019 11:52:36 PM

Quant Time: Aug 07 16:40:31 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 07 08:28:11 2019
Response via : Initial Calibration



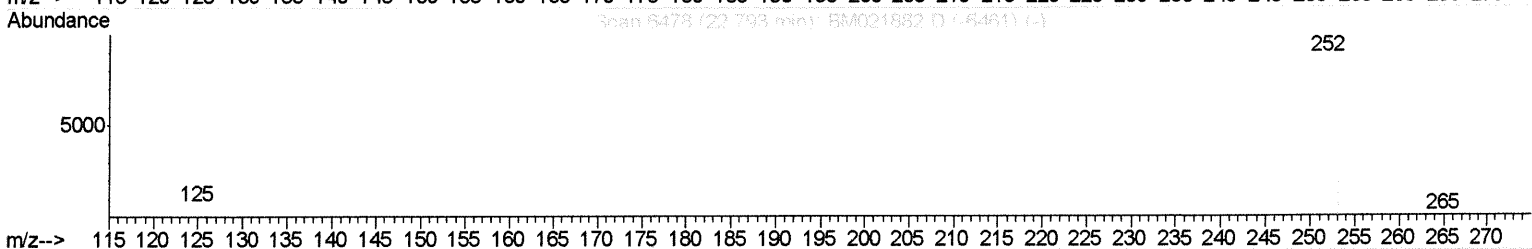
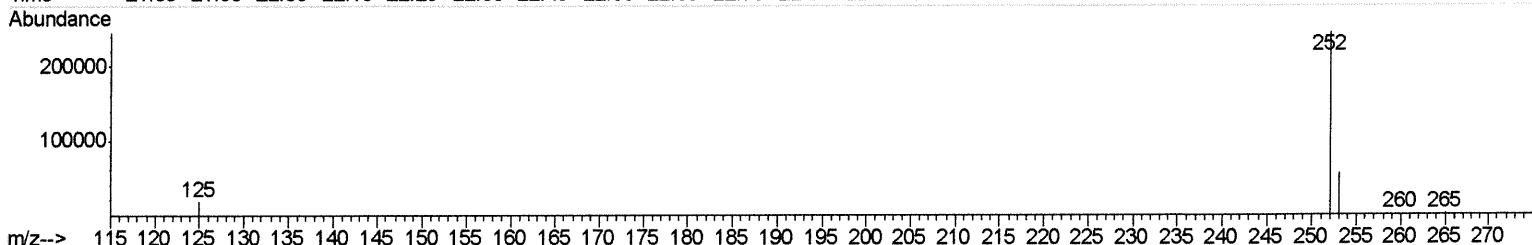
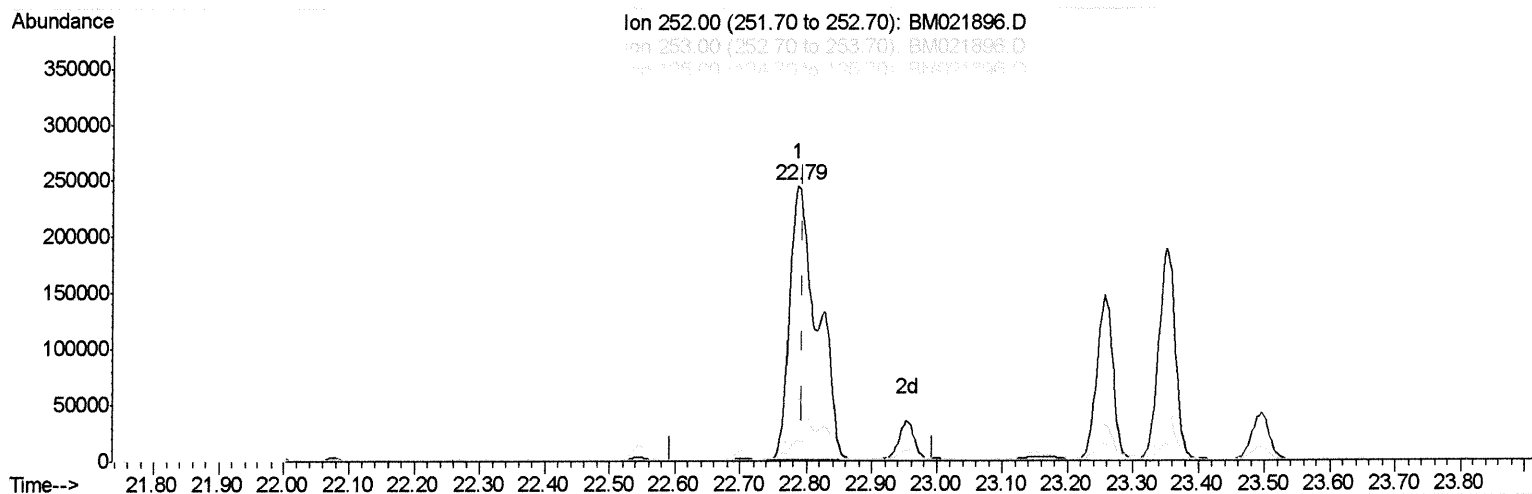
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TIC: BM021896.D

(21) Benzo(b)fluoranthene

22.786min (-0.008) 33.13ng/ul

response 711980

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.67
125.00	15.50	7.57
0.00	0.00	0.00

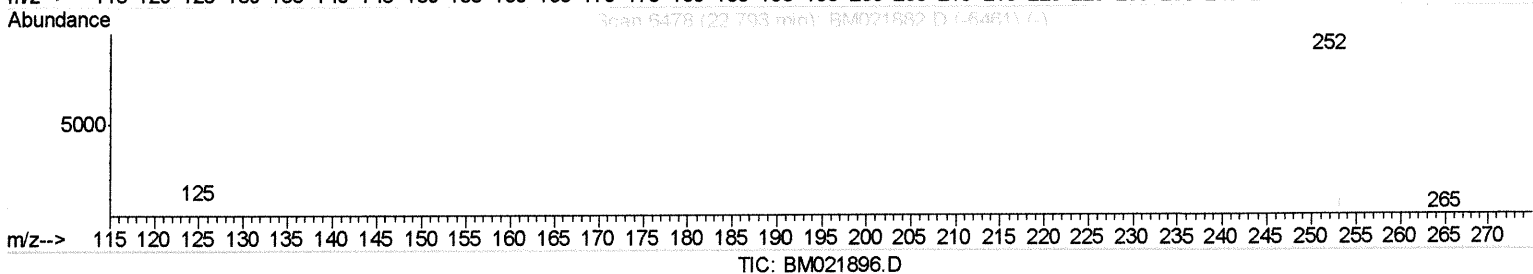
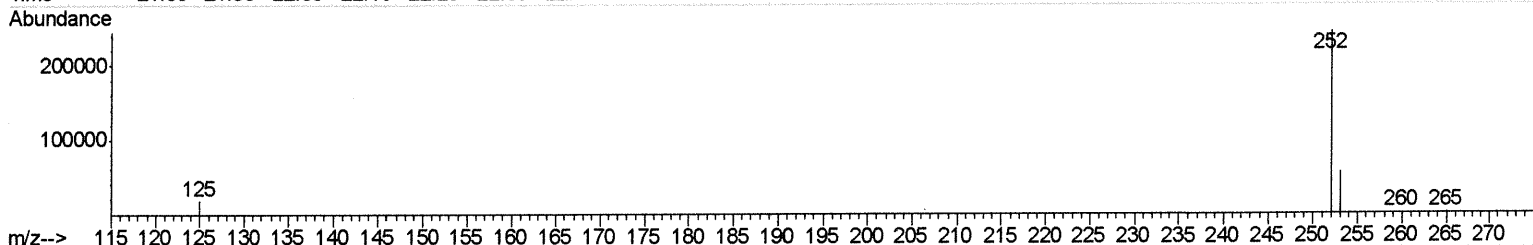
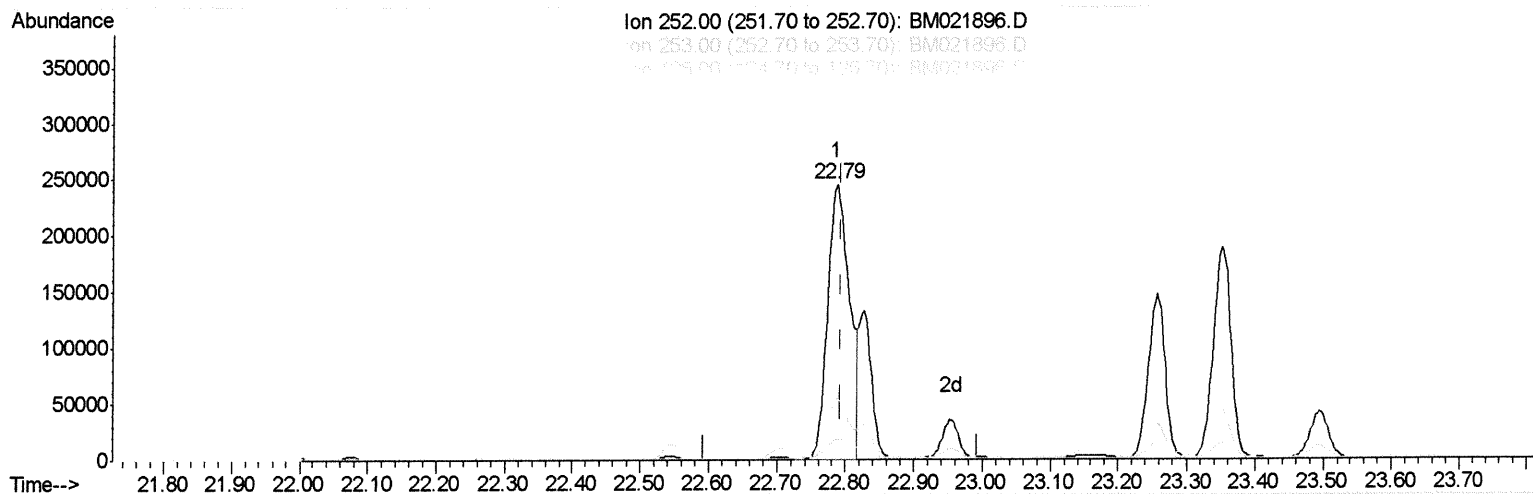
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(21) Benzo(b)fluoranthene

22.786min (-0.008) 25.07ng/ul m ^{JU} 08/07/19

response 538818

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.67
125.00	15.50	7.57
0.00	0.00	0.00

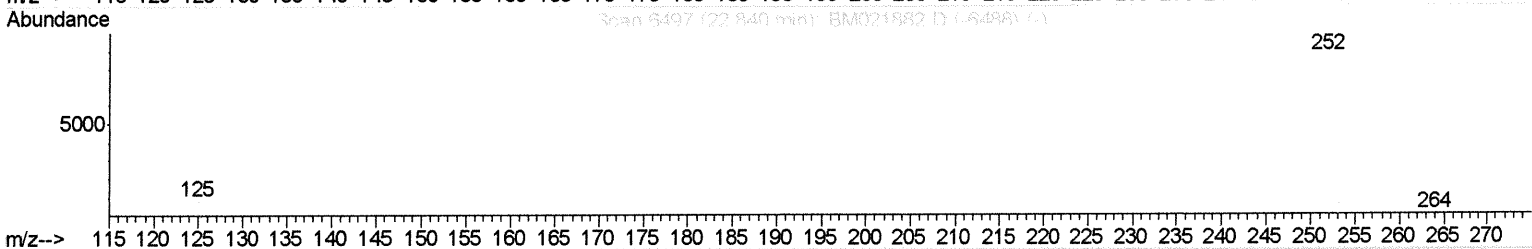
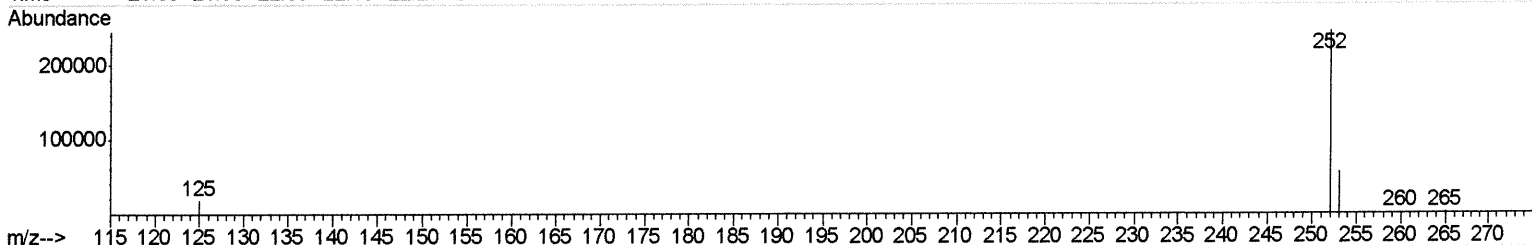
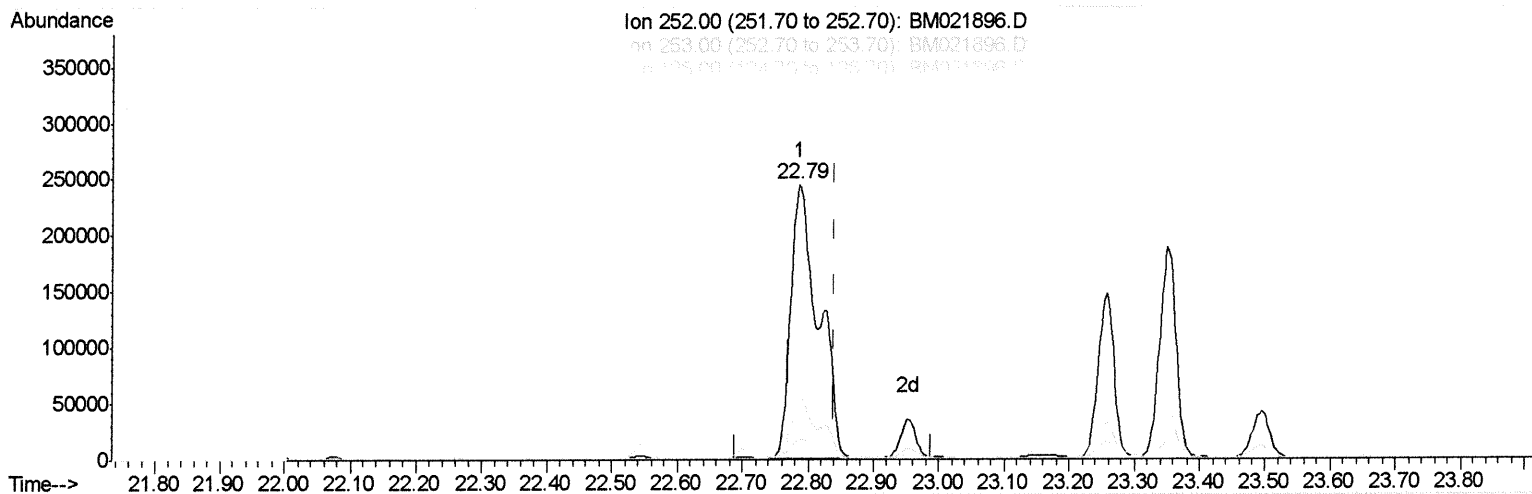
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(22) Benzo(k)fluoranthene

22.786min (-0.054) 29.28ng/ul

response 712063

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.67#
125.00	15.20	7.57#
0.00	0.00	0.00

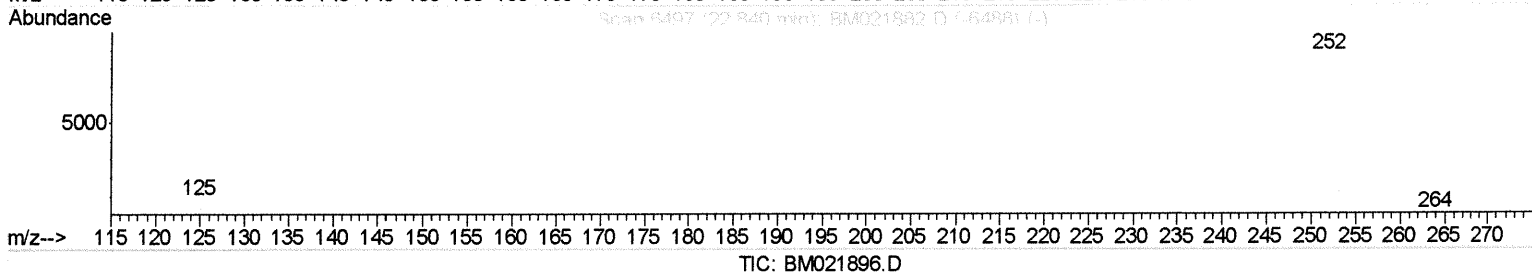
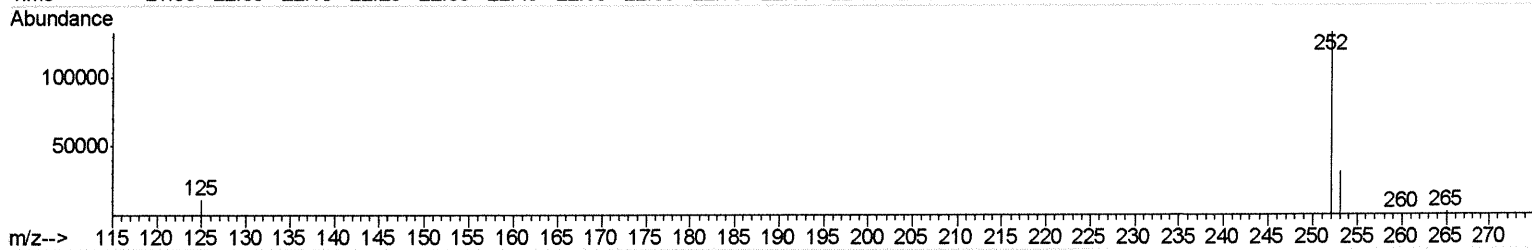
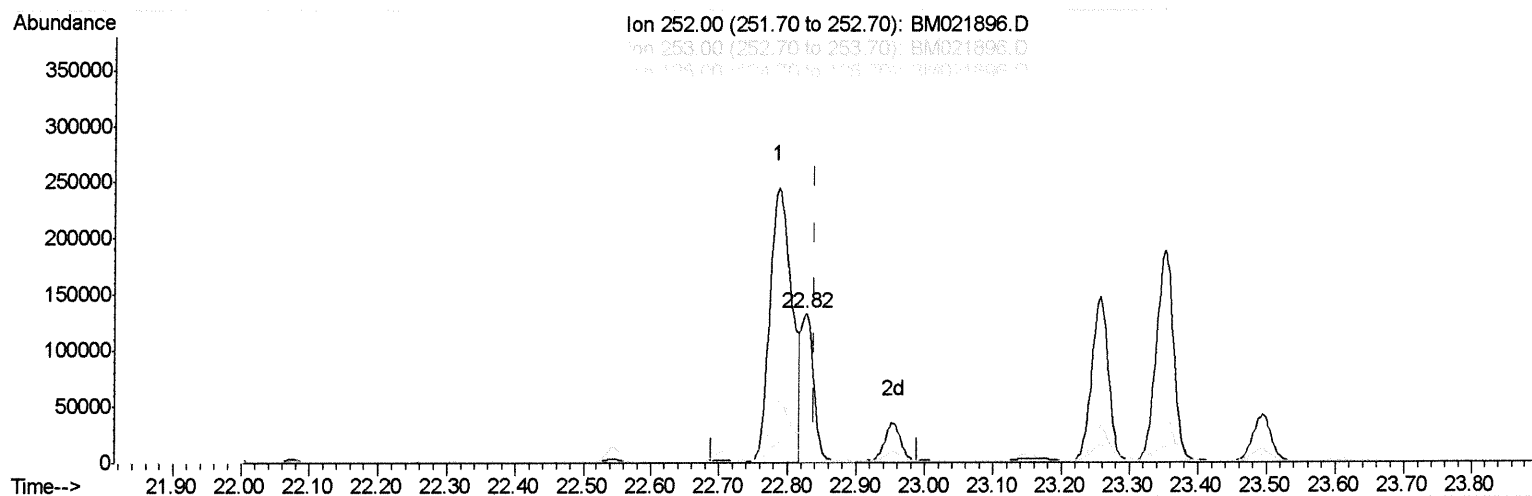
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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(22) Benzo(k)fluoranthene

22.825min (-0.015) 7.54ng/ul m *JU* 08/07/19

response 183350

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.37#
125.00	15.20	8.34#
0.00	0.00	0.00

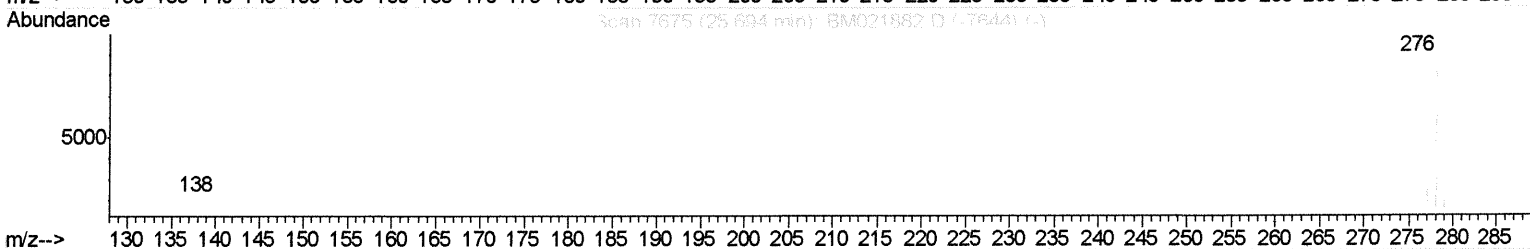
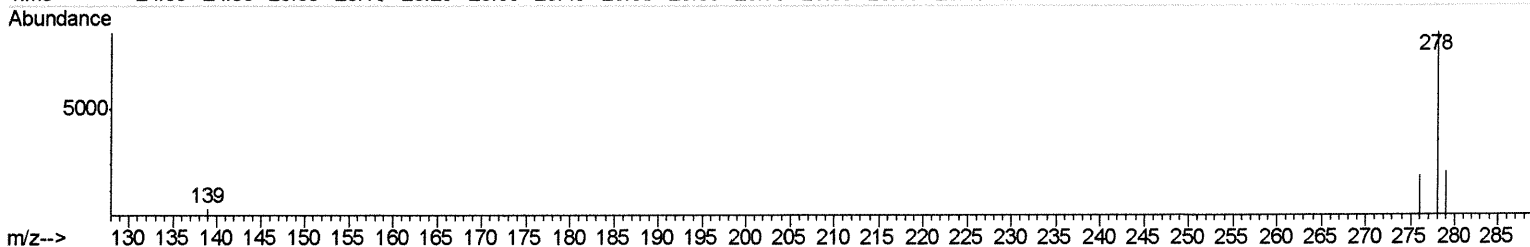
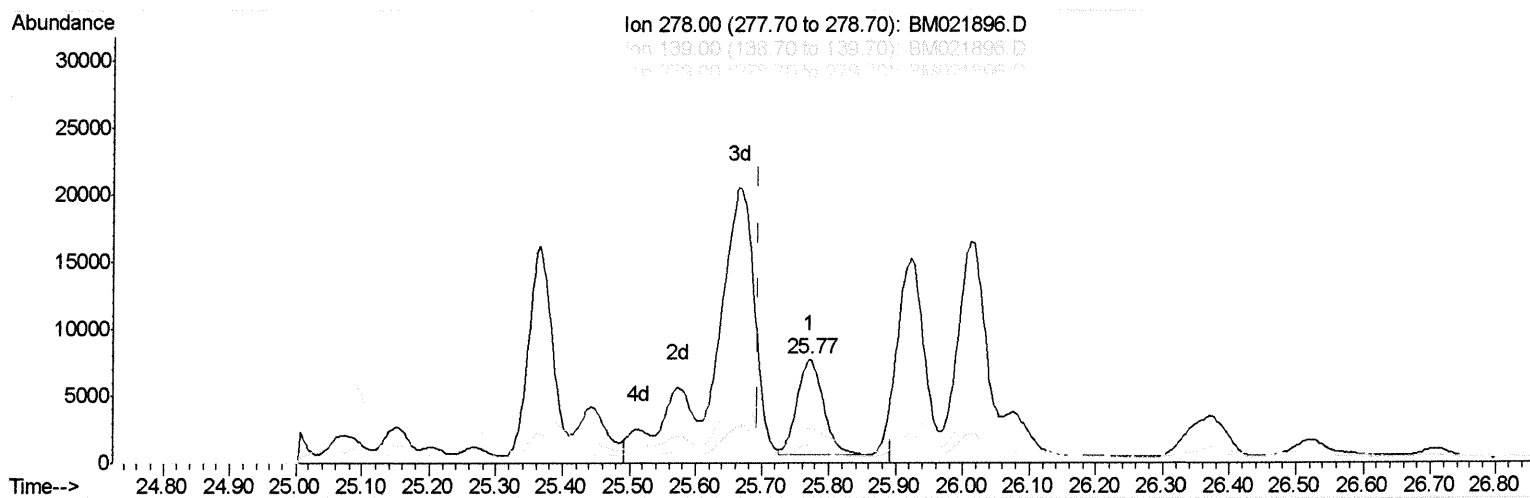
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Data File : BM021896.D
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Operator : HP/JU
Sample : K3893-06MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
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Manual Integrations
APPROVED

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TIC: BM021896.D

(25) Dibenzo(a,h)anthracene

25.771min (+0.077) 0.93ng/ul

response 19520

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	17.54
279.00	35.40	34.52
0.00	0.00	0.00

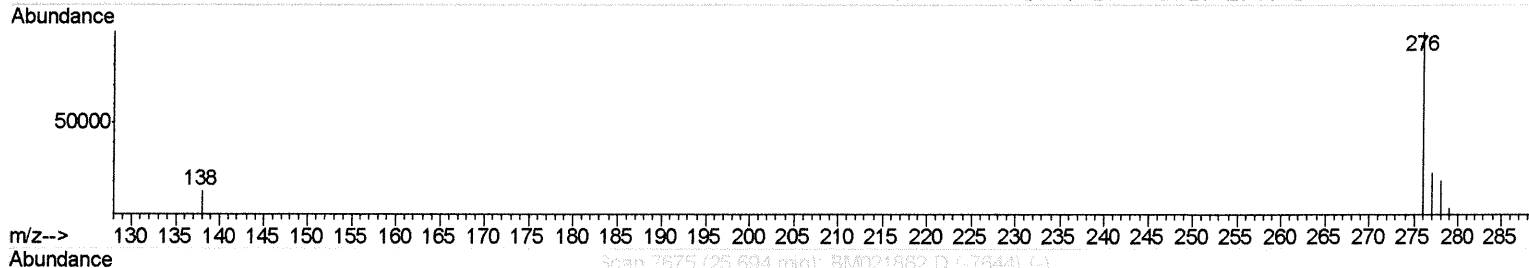
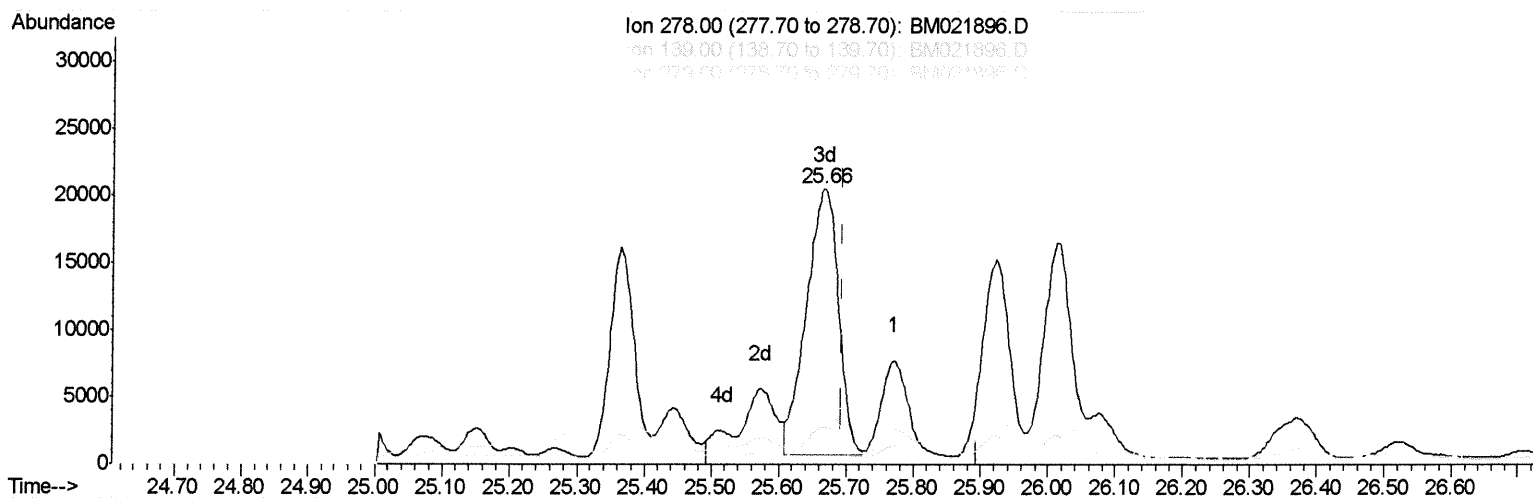
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Acq On : 07 Aug 2019 15:13
Operator : HP/JU
Sample : K3893-06MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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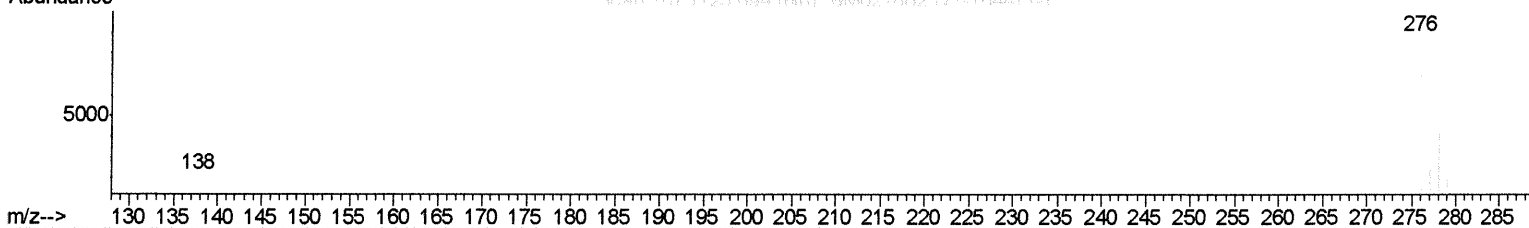
Manual Integrations
APPROVED

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Scan 7675 (25.694 min): BM021896.D (-7644) (-)



TIC: BM021896.D

(25) Dibenzo(a,h)anthracene

25.664min (-0.029) 3.11ng/ul m

JU
08/07/19

response 65558

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	13.71#
279.00	35.40	28.79
0.00	0.00	0.00

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 Operator : HP/JU
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 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	670	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	3020	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.28	164	1742	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	4142	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4359	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	6373	0.40	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.01	152	1649	0.33	ng/ul	-0.02
14) Fluoranthene-d10	19.07	212	5023	0.36	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.47	128	2534	0.297	ng/ul	99
5) 2-Methylnaphthalene	12.09	142	1418	0.249	ng/ul	96
7) Acenaphthylene	14.00	152	9652	1.188	ng/ul#	82
8) Acenaphthene	14.34	153	9668	1.454	ng/ul	97
9) Fluorene	15.34	166	9244	1.252	ng/ul	98
11) Pentachlorophenol	16.70	266	176	0.230	ng/ul	87
12) Phenanthrene	17.07	178	219146	18.184	ng/ul	96
13) Anthracene	17.17	178	39025	3.796	ng/ul	95
15) Fluoranthene	19.10	202	667366	41.338	ng/ul	93
17) Pyrene	19.46	202	589594	32.915	ng/ul	97
18) Benzo(a)anthracene	21.22	228	312442	20.039	ng/ul	99
19) Chrysene	21.27	228	368832	18.393	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	538818m →	25.072	ng/ul	750
22) Benzo(k)fluoranthene	22.82	252	183350m →	7.539	ng/ul	208/07/19
23) Benzo(a)pyrene	23.35	252	337947	15.463	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.66	276	258894	9.921	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.66	278	65558m →	3.108	ng/ul	70
26) Benzo(g,h,i)perylene	26.34	276	220157	9.371	ng/ul	94

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