

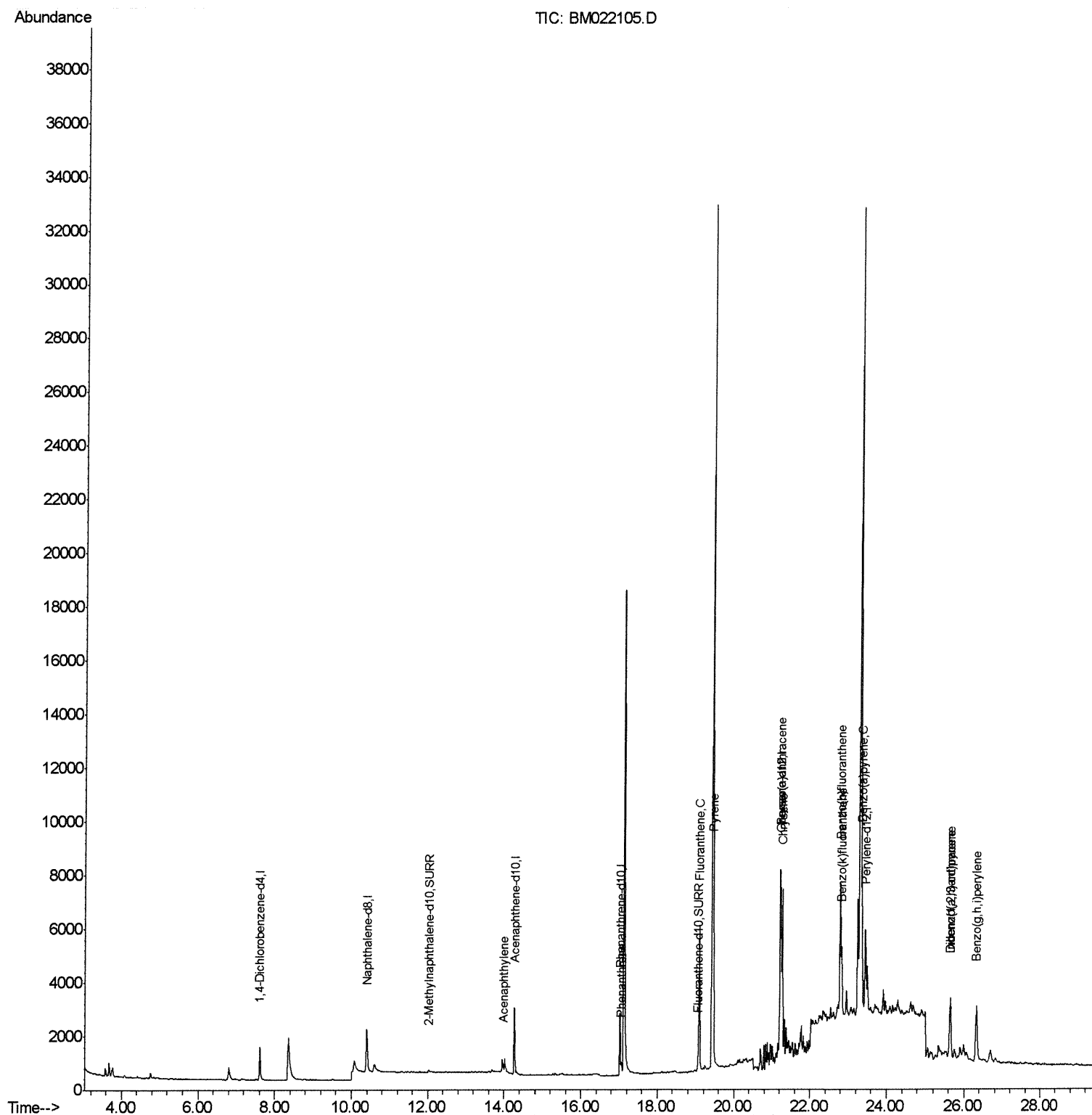
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022105.D
 Acq On : 14 Aug 2019 13:18
 Operator : HP/JU
 Sample : K4183-12DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF0DL

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:53 PM

Quant Time: Aug 14 16:21:55 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



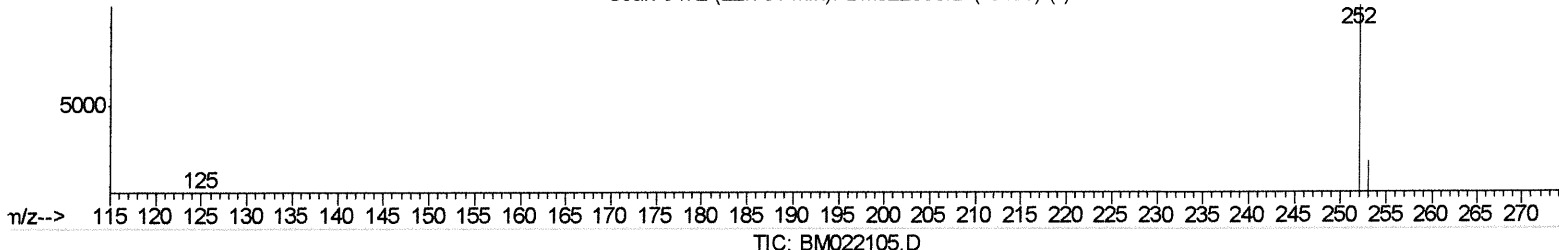
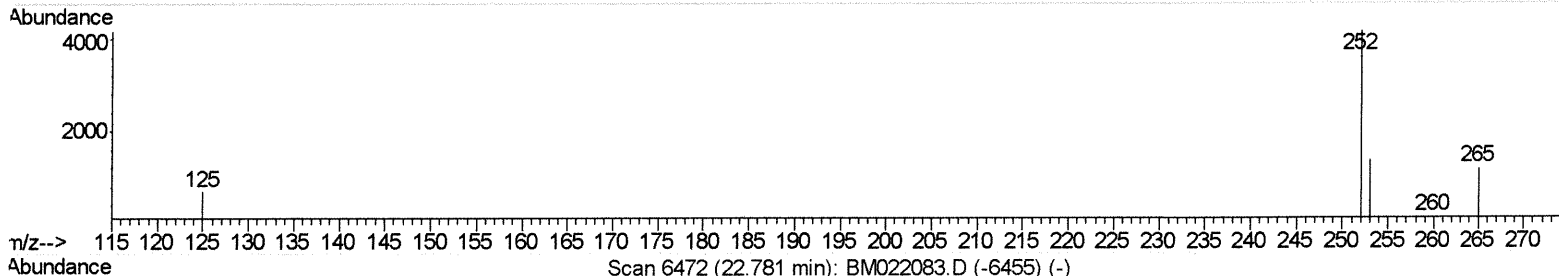
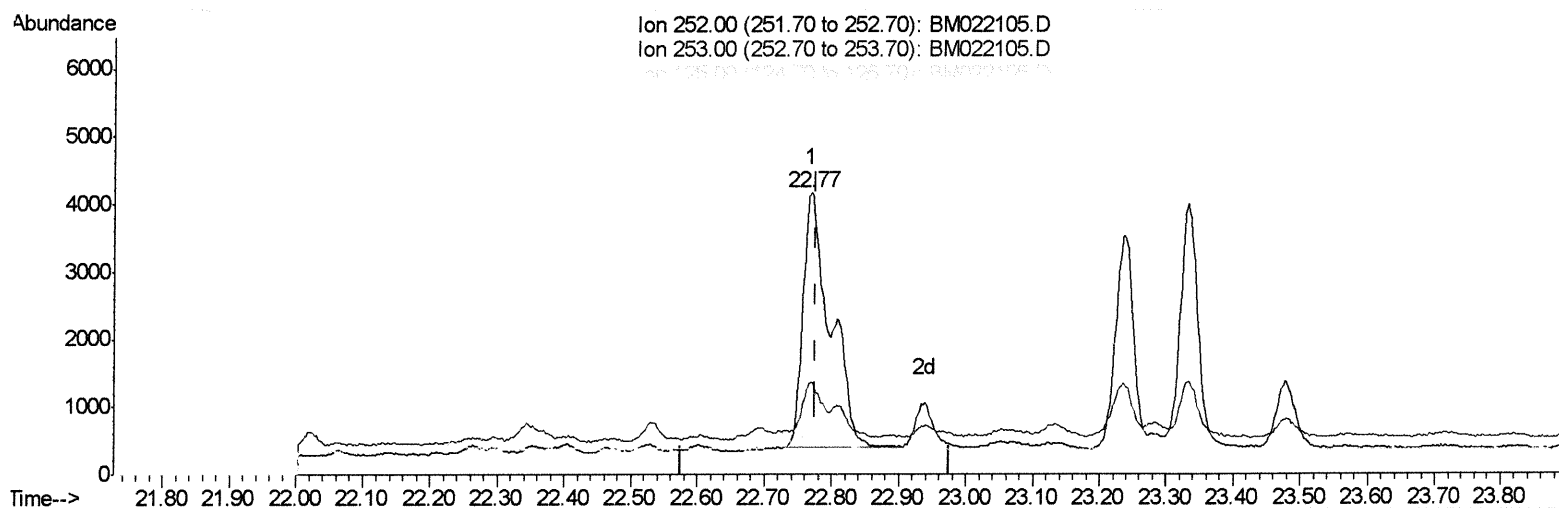
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(21) Benzo(b)fluoranthene
 22.769min (-0.007) 0.87ng/ul
 response 10666

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	32.59
125.00	15.50	16.79
0.00	0.00	0.00

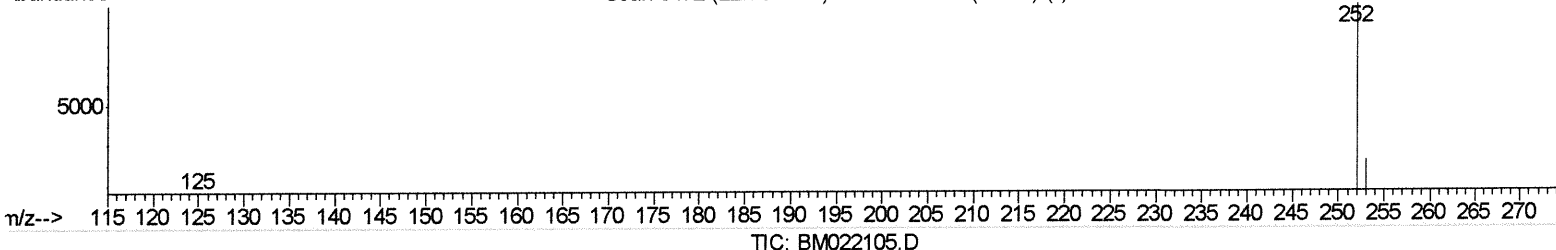
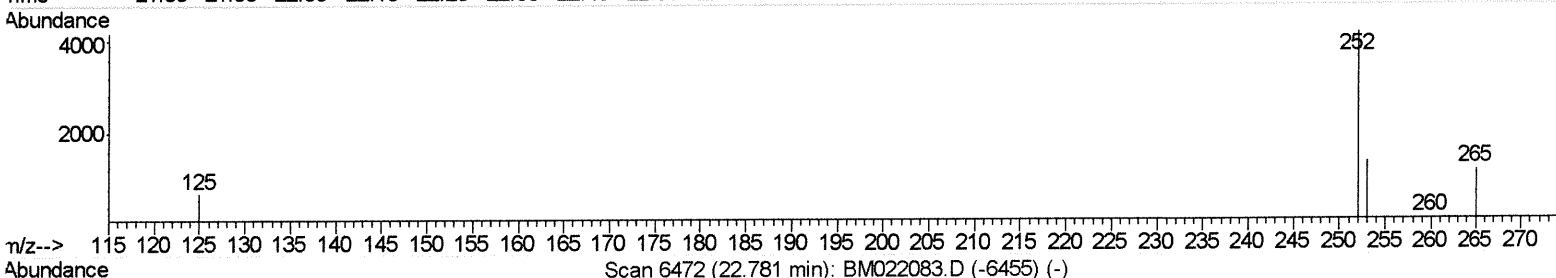
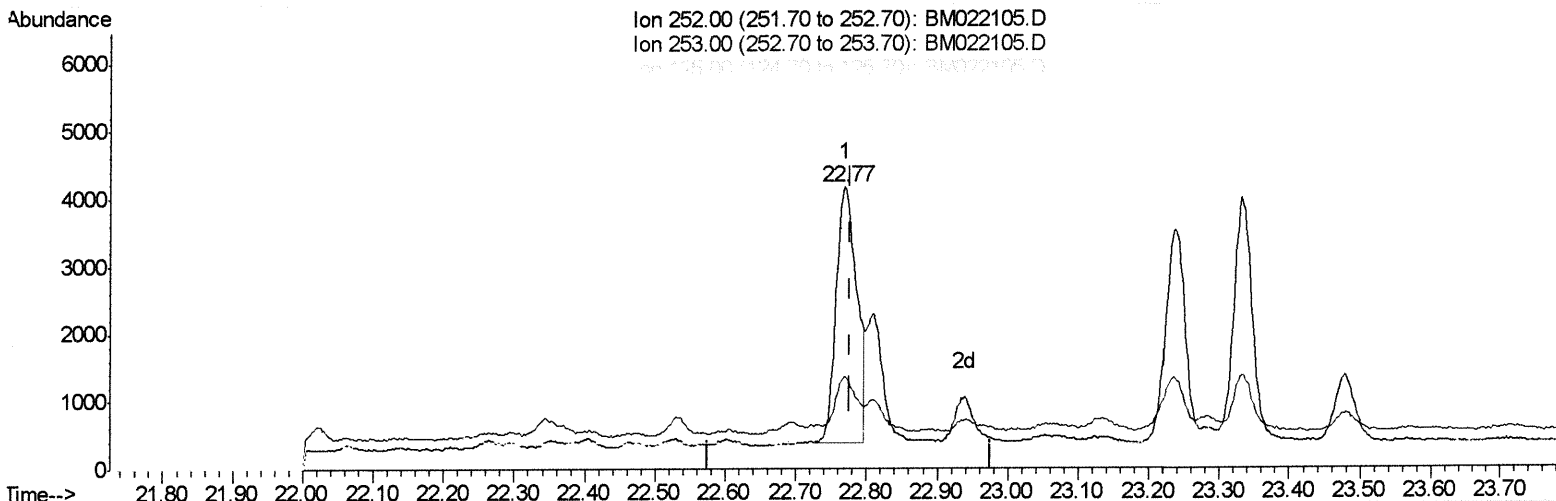
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(21) Benzo(b)fluoranthene

22.769min (-0.007) 0.63ng/ul m *JU* 08/15/19

response 7689

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	32.59
125.00	15.50	16.79
0.00	0.00	0.00

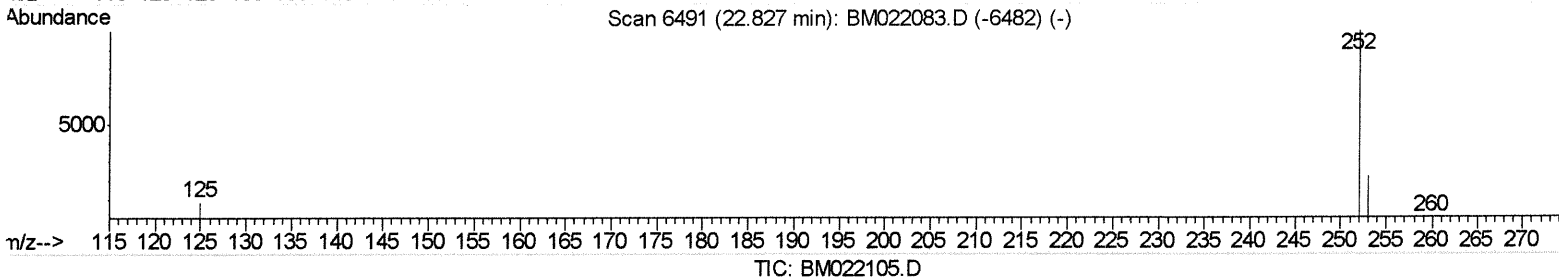
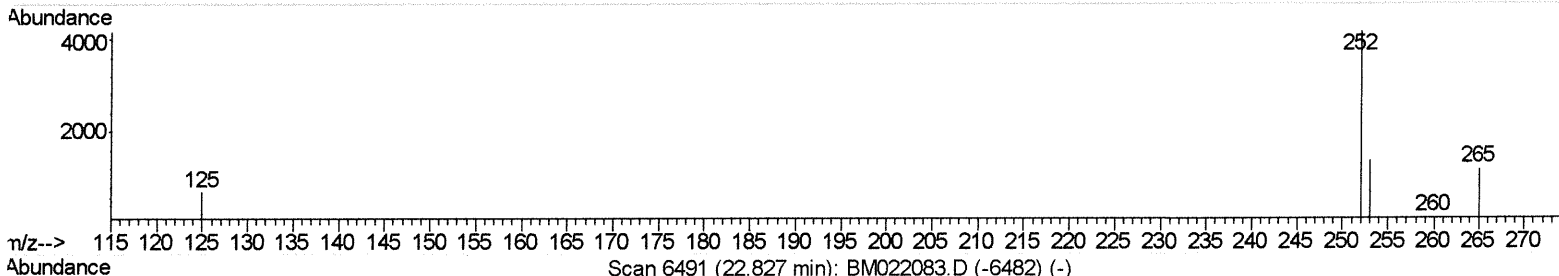
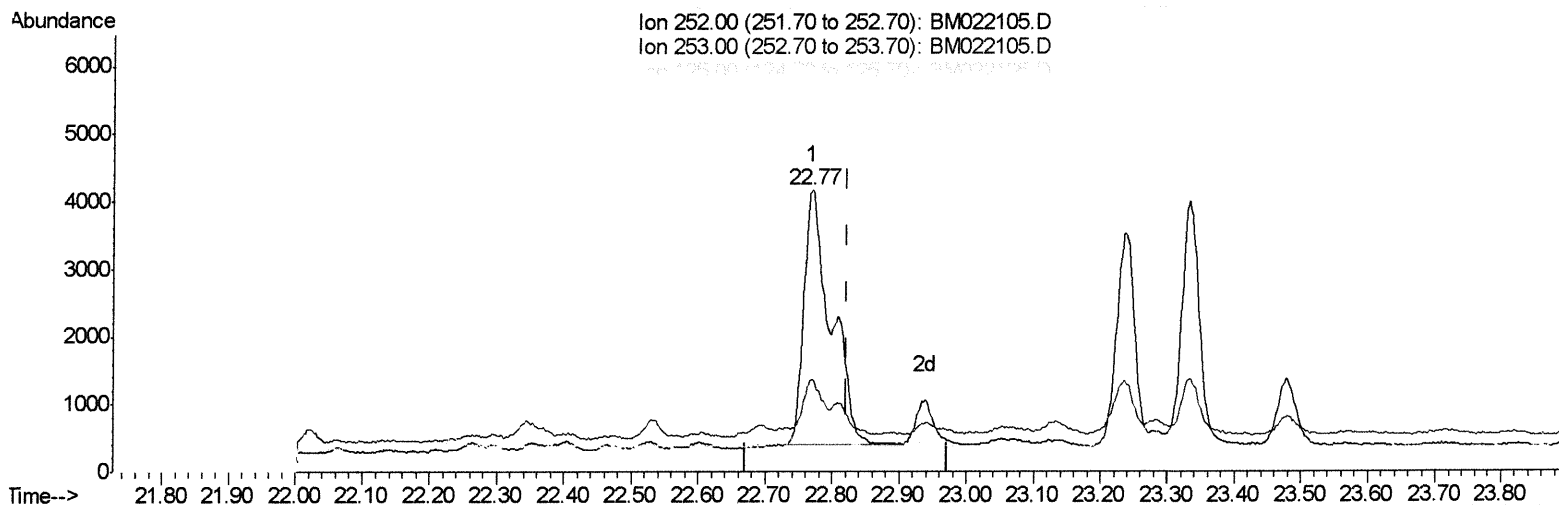
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Instrument :
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(22) Benzo(k)fluoranthene
 22.769min (-0.053) 0.77ng/ul
 response 10666

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	32.59
125.00	15.20	16.79
0.00	0.00	0.00

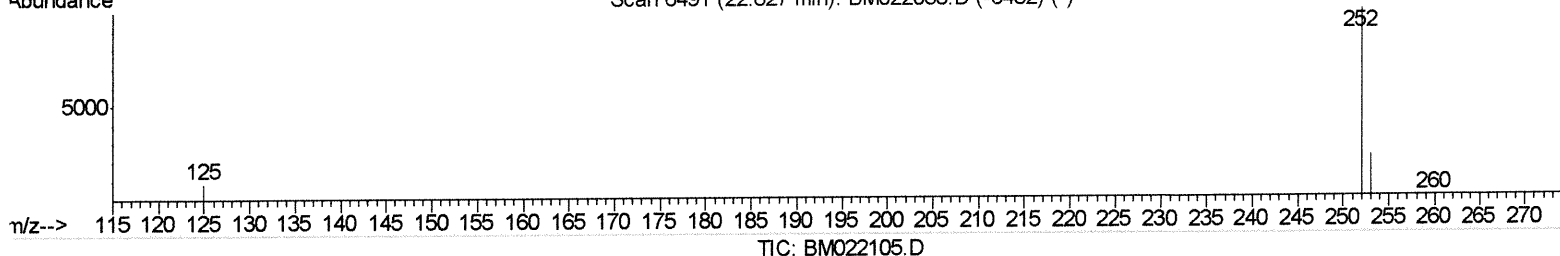
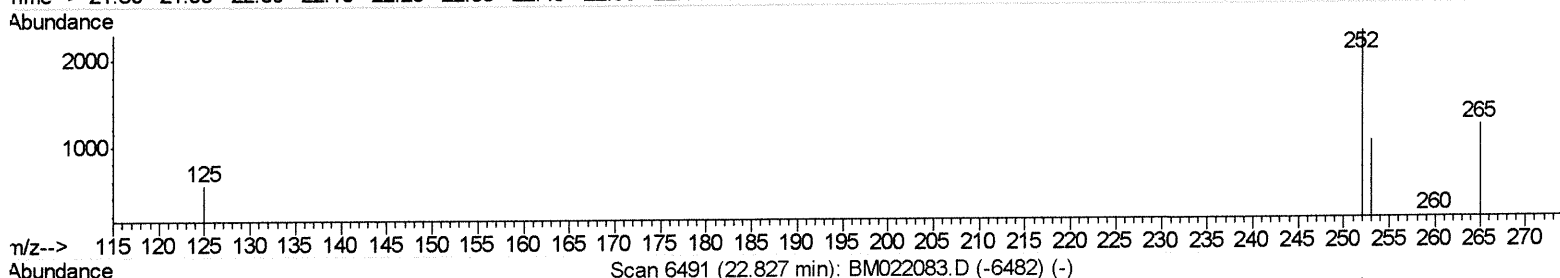
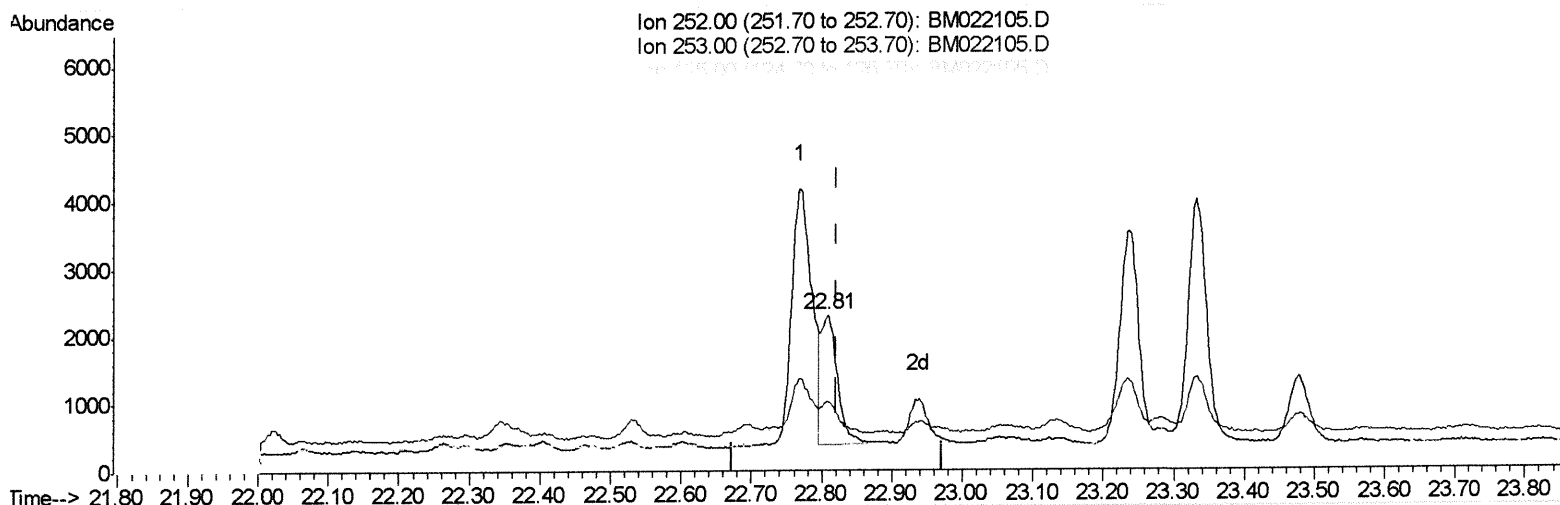
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ALS Vial : 9 Sample Multiplier: 1

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(22) Benzo(k)fluoranthene

22.808min (-0.015) 0.22ng/ul m

JU 8/15/19

response 3107

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	44.77#
125.00	15.20	23.58#
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	757	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	3150	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	1596	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	3280	0.40	ng/ul	-0.01
16) Chrysene-d12	21.22	240	3395	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	3631	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.02	152	199	0.04	ng/ul	0.01
14) Fluoranthene-d10	19.06	212	503	0.05	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	13.99	152	247	0.033	ng/ul#	52
12) Phenanthrene	17.06	178	512	0.054	ng/ul#	72
15) Fluoranthene	19.09	202	5263	0.412	ng/ul	98
17) Pyrene	19.45	202	5594	0.401	ng/ul	96
18) Benzo(a)anthracene	21.21	228	5547	0.457	ng/ul#	86
19) Chrysene	21.26	228	5410	0.346	ng/ul#	89
21) Benzo(b)fluoranthene	22.77	252	7689m→	0.628	ng/ul→	750
22) Benzo(k)fluoranthene	22.81	252	3107m→	0.224	ng/ul→	08/15/19
23) Benzo(a)pyrene	23.33	252	6659	0.535	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.64	276	3532	0.238	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.64	278	1185	0.099	ng/ul#	21
26) Benzo(g,h,i)perylene	26.32	276	4308	0.322	ng/ul#	89

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