

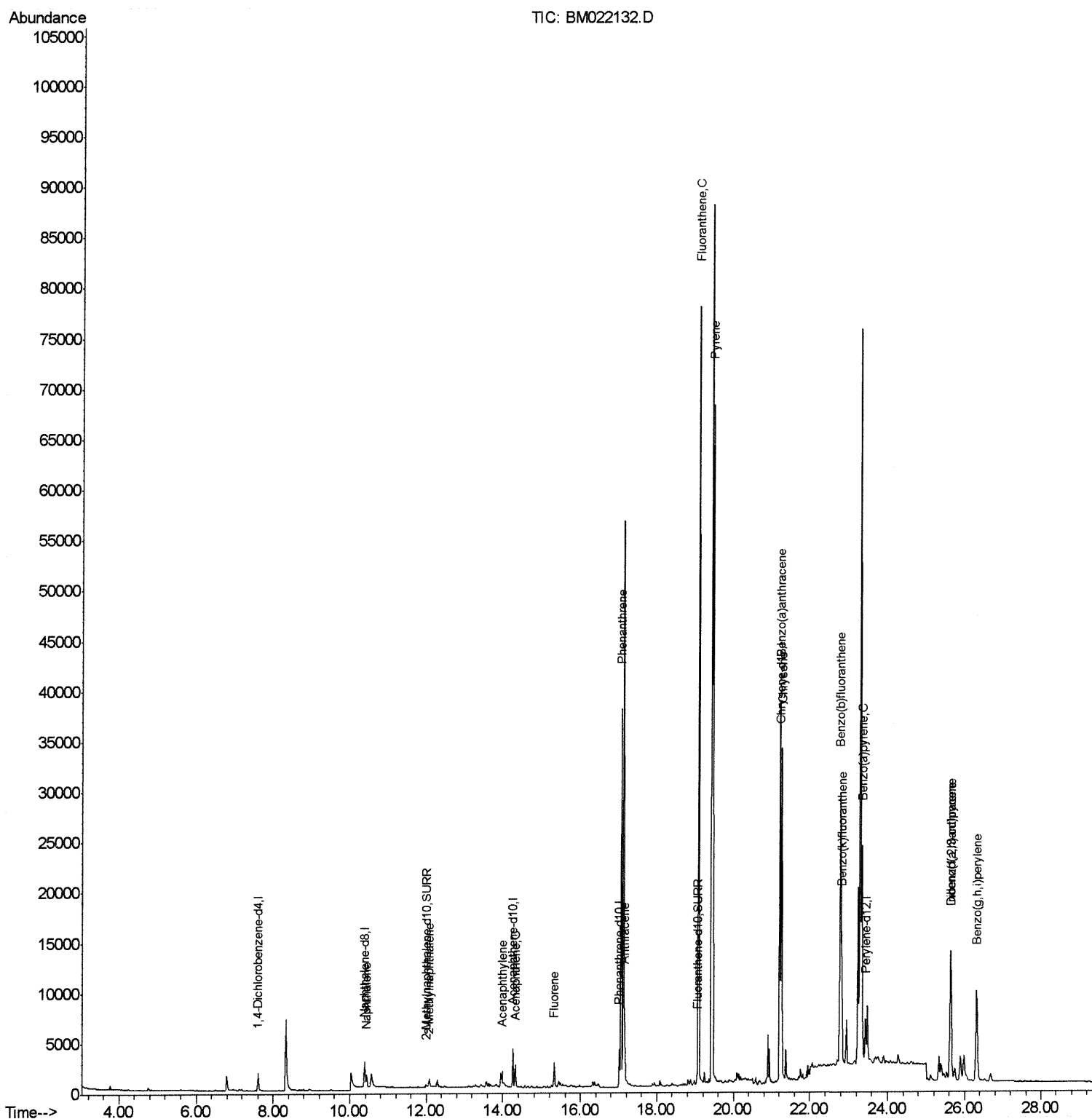
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022132.D
 Acq On : 15 Aug 2019 07:02
 Operator : HP/JU
 Sample : K4304-11DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P2DL

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:19 PM

Quant Time: Aug 15 13:04:27 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



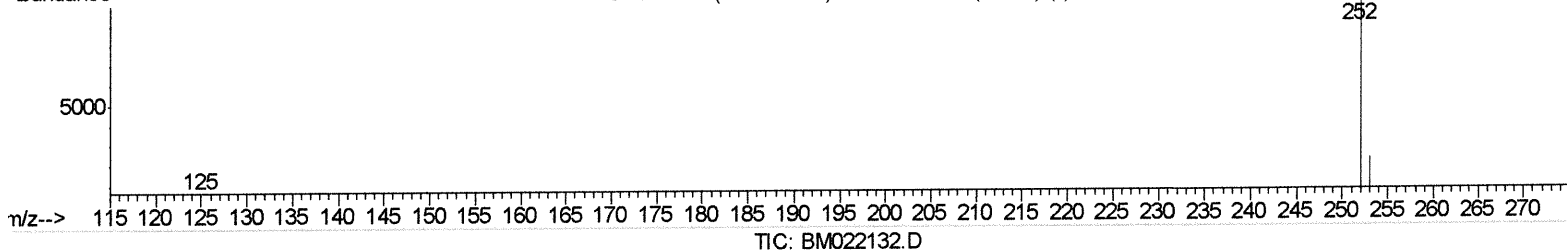
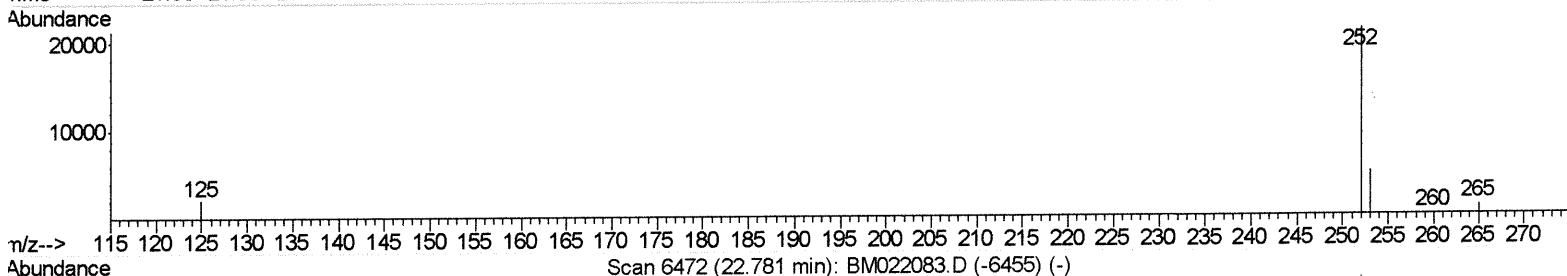
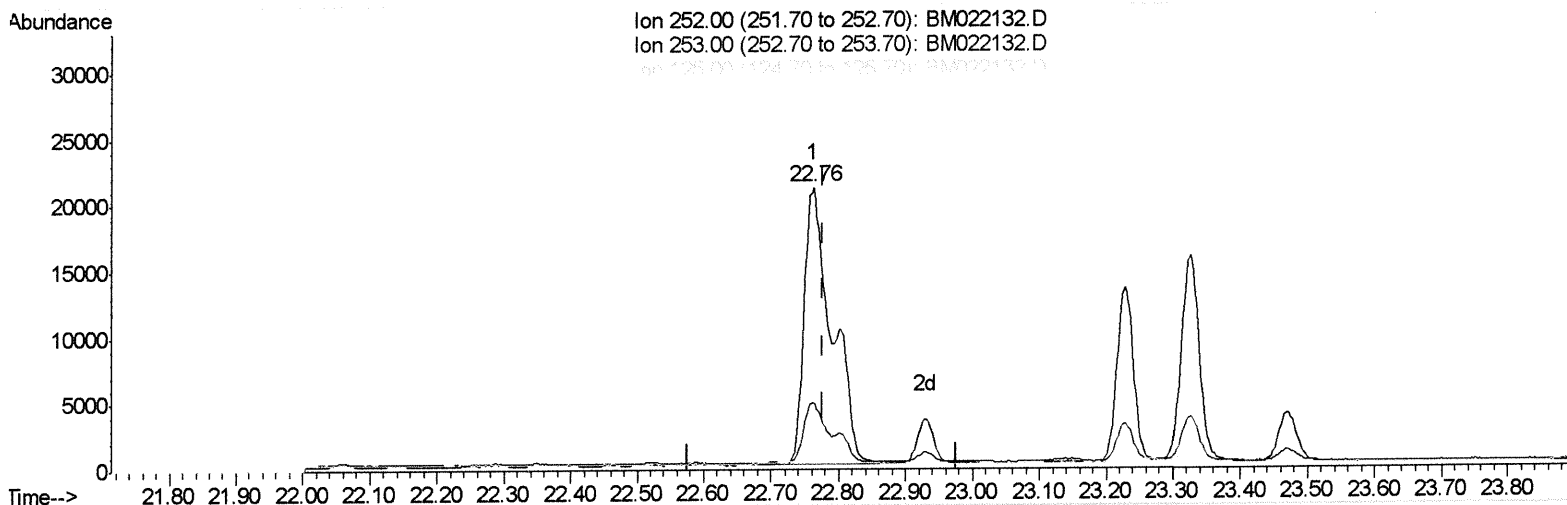
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(21) Benzo(b)fluoranthene

22.762min (-0.014) 3.54ng/ul

response 60543

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.63
125.00	15.50	9.88
0.00	0.00	0.00

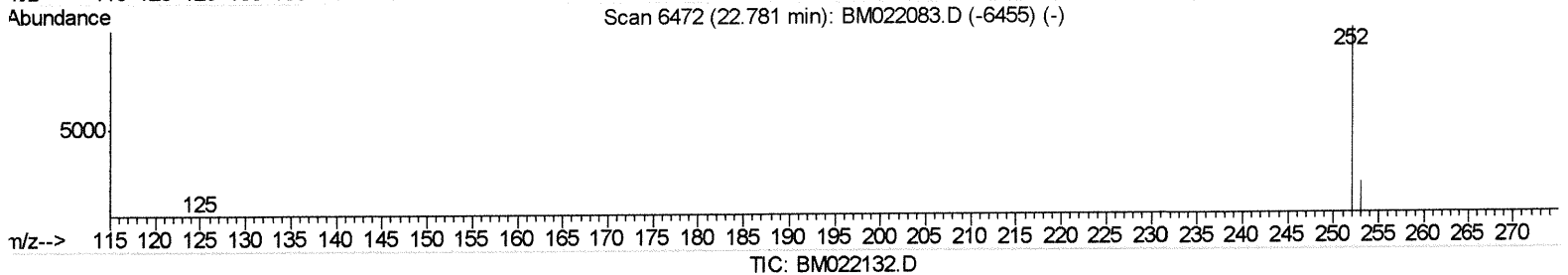
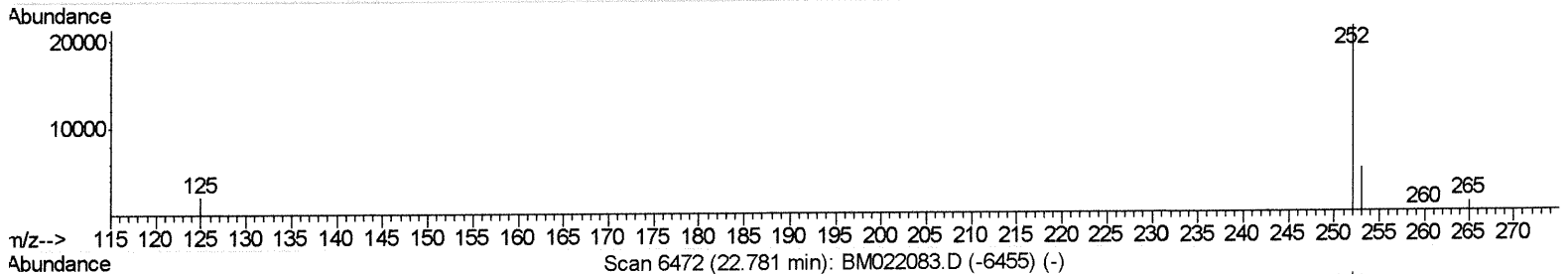
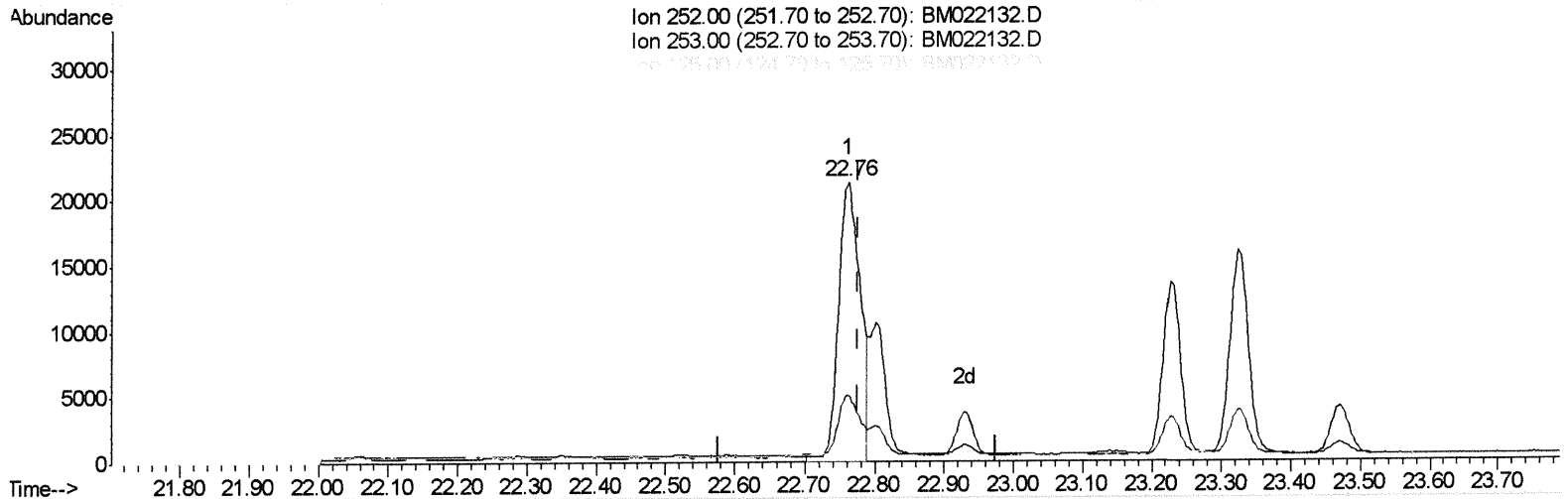
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(21) Benzo(b)fluoranthene

22.762min (-0.014) 2.69ng/ul m

JU
 08/15/19

response 45975

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.63
125.00	15.50	9.88
0.00	0.00	0.00

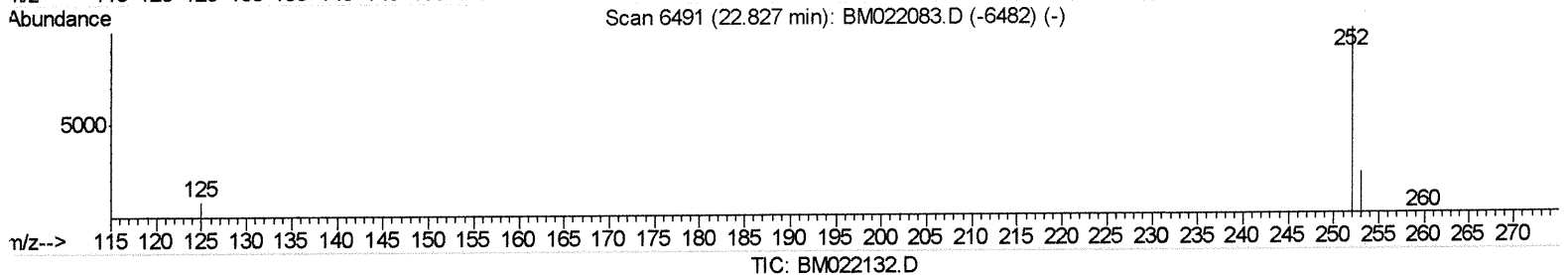
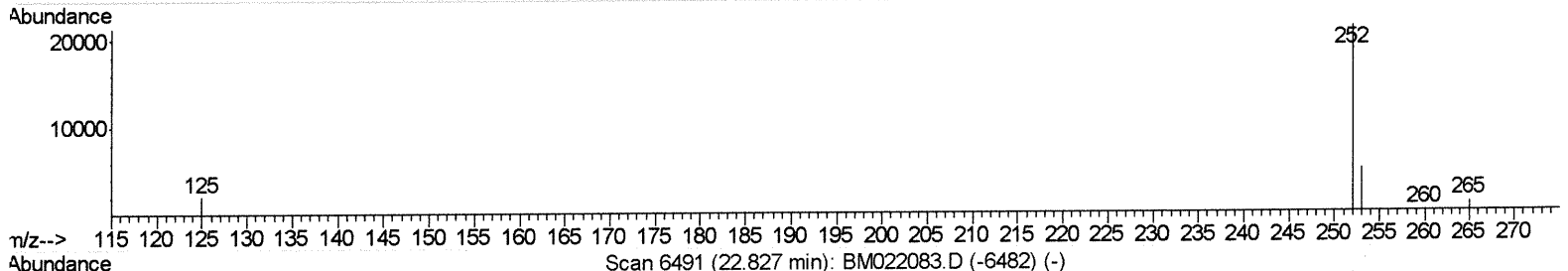
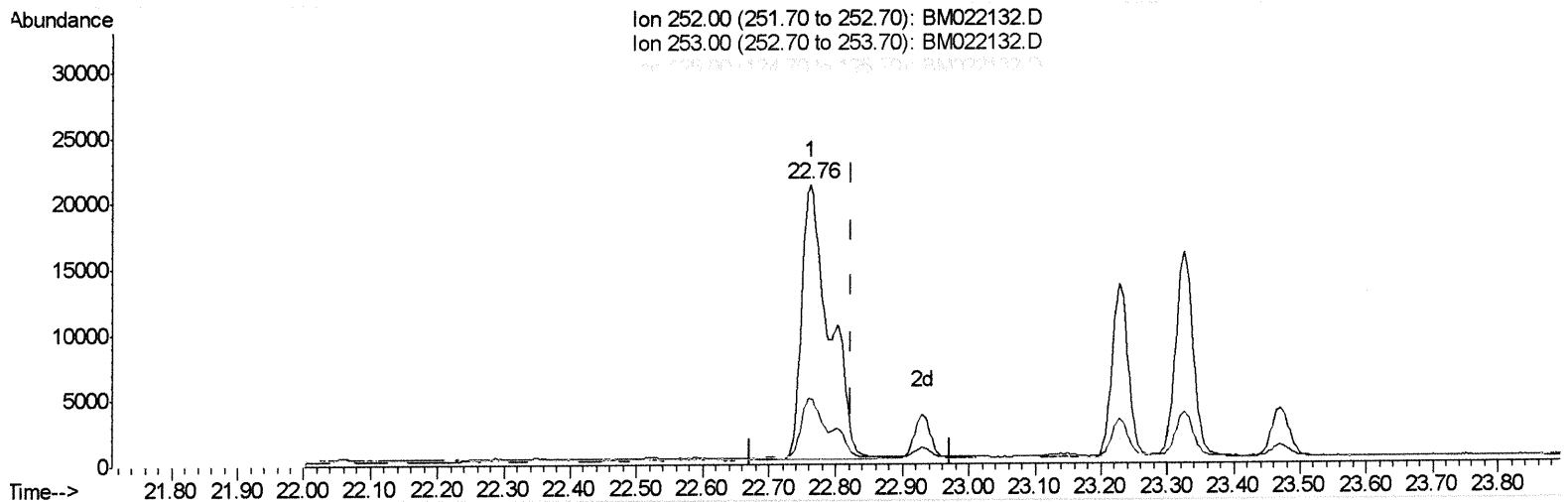
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 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P2DL

Manual Integrations
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mohammad
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(22) Benzo(k)fluoranthene
 22.762min (-0.060) 3.13ng/ul
 response 60601

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.63#
125.00	15.20	9.88#
0.00	0.00	0.00

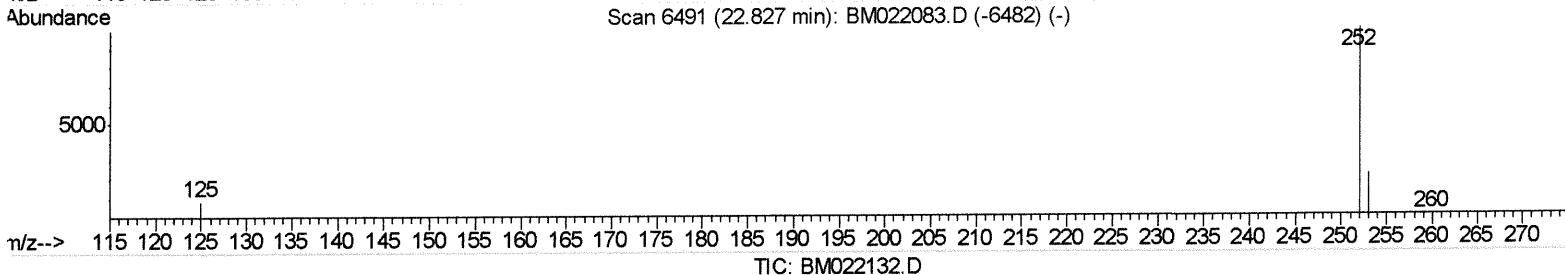
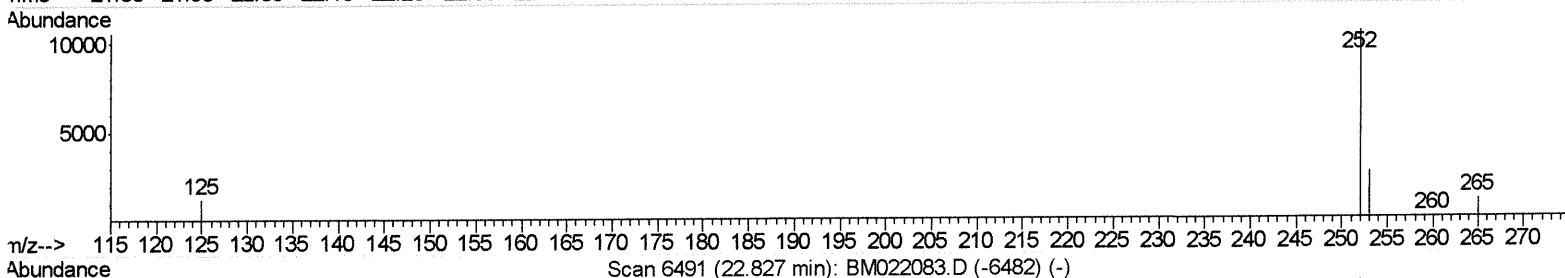
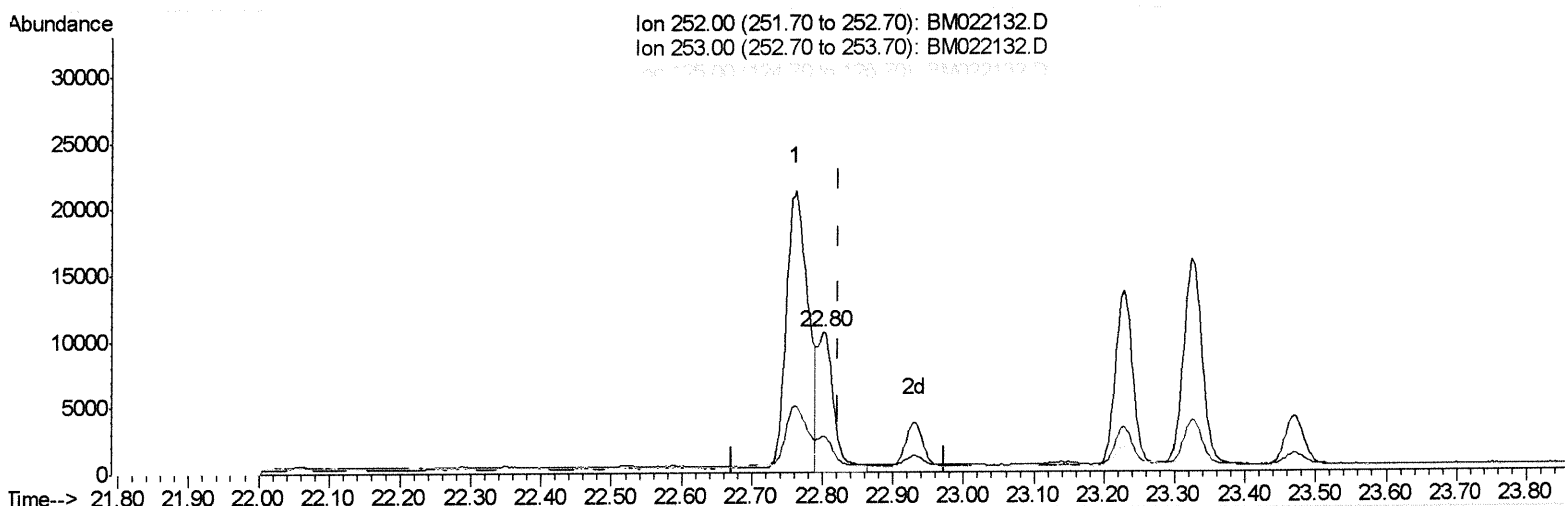
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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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(22) Benzo(k)fluoranthene

22.801min (-0.022) 0.93ng/ul m

JU
08/15/19

response 17985

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.73#
125.00	15.20	12.22
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	938	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	3921	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.25	164	2090	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.01	188	4731	0.40	ng/ul	-0.03
16) Chrysene-d12	21.21	240	4750	0.40	ng/ul	-0.02
20) Perylene-d12	23.42	264	5066	0.40	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.99	152	472	0.07	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	1191	0.07	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.43	128	1865	0.168	ng/ul	97
5) 2-Methylnaphthalene	12.07	142	871	0.118	ng/ul	97
7) Acenaphthylene	13.98	152	1807	0.185	ng/ul#	82
8) Acenaphthene	14.32	153	1426	0.179	ng/ul	98
9) Fluorene	15.32	166	1756	0.198	ng/ul	99
12) Phenanthrene	17.05	178	40423	2.936	ng/ul	97
13) Anthracene	17.14	178	7151	0.609	ng/ul	97
15) Fluoranthene	19.08	202	67631	3.668	ng/ul	96
17) Pyrene	19.44	202	59953	3.071	ng/ul	98
18) Benzo(a)anthracene	21.20	228	31576	1.858	ng/ul	99
19) Chrysene	21.25	228	34647	1.586	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	45975m →	2.691	ng/ul	97
22) Benzo(k)fluoranthene	22.80	252	17985m →	0.930	ng/ul	97
23) Benzo(a)pyrene	23.32	252	29125	1.676	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.63	276	21772	1.050	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.63	278	5793	0.346	ng/ul#	95
26) Benzo(g,h,i)perylene	26.31	276	19286	1.033	ng/ul	98

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