

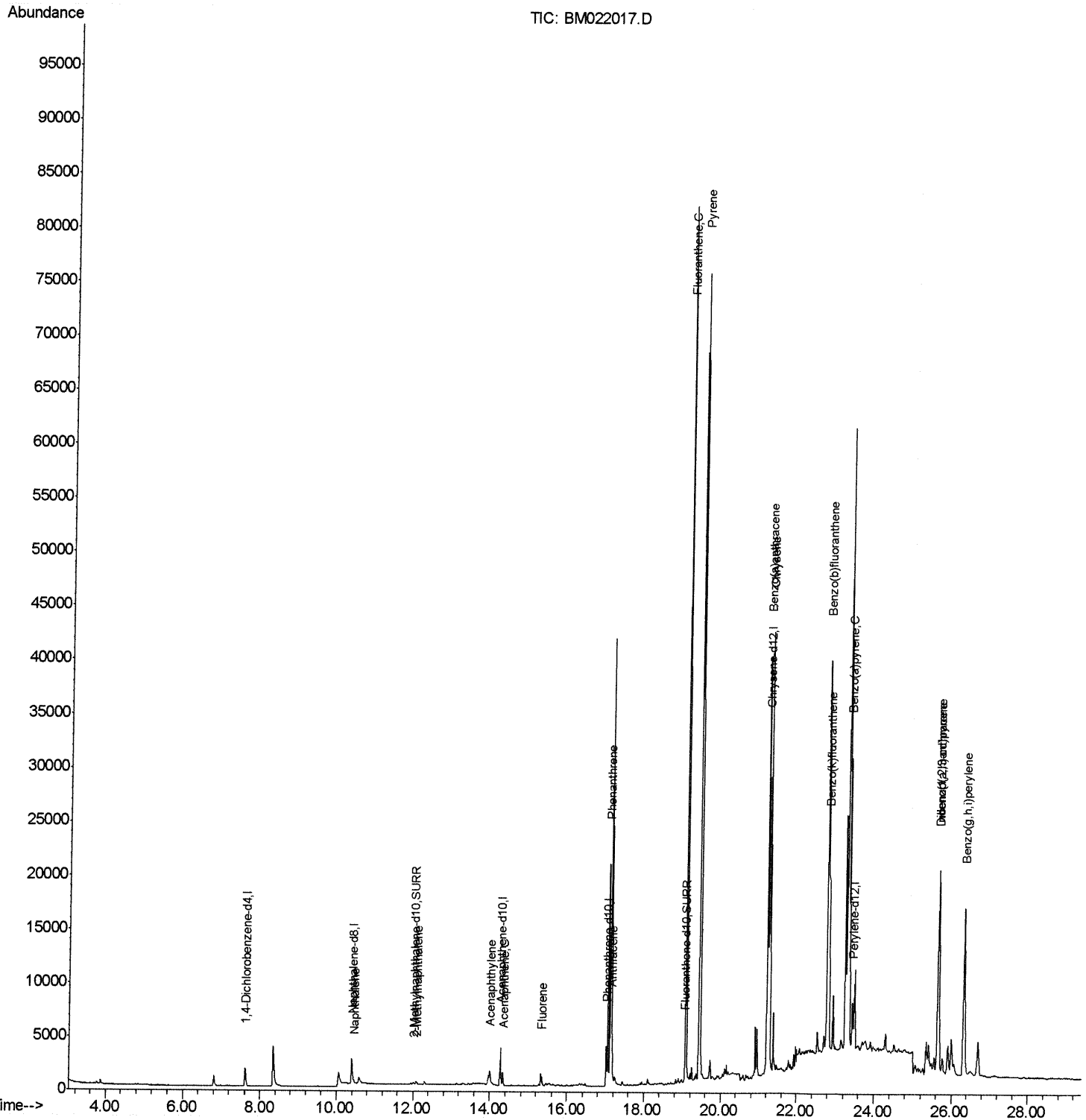
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
Data File : BM022017.D
Acq On : 11 Aug 2019 04:46
Operator : HP/JU
Sample : K4028-09DL 5X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
Client Sample ID :
BENZ1DL

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:35 AM

Quant Time: Aug 12 01:40:15 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)

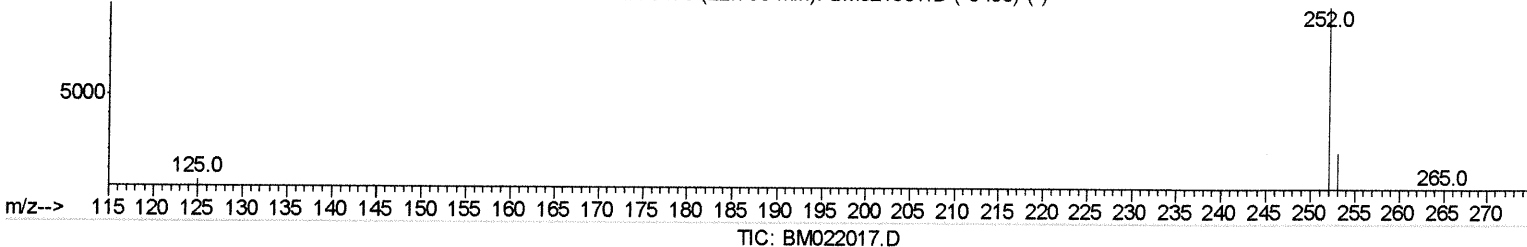
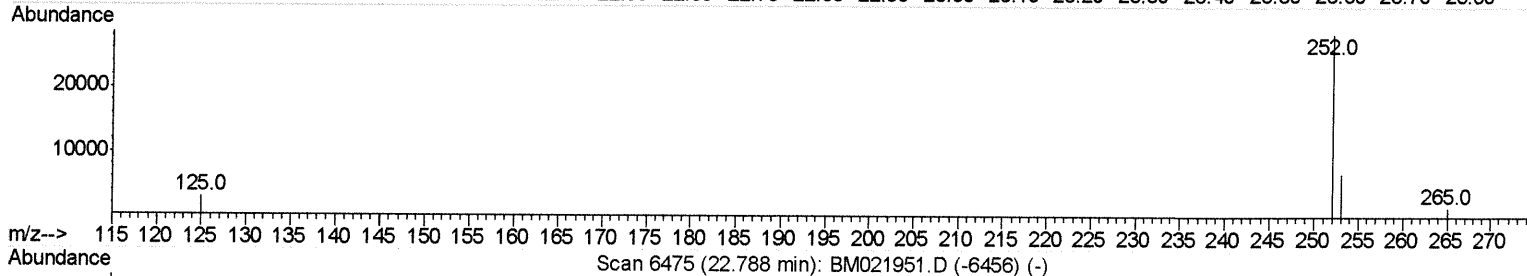
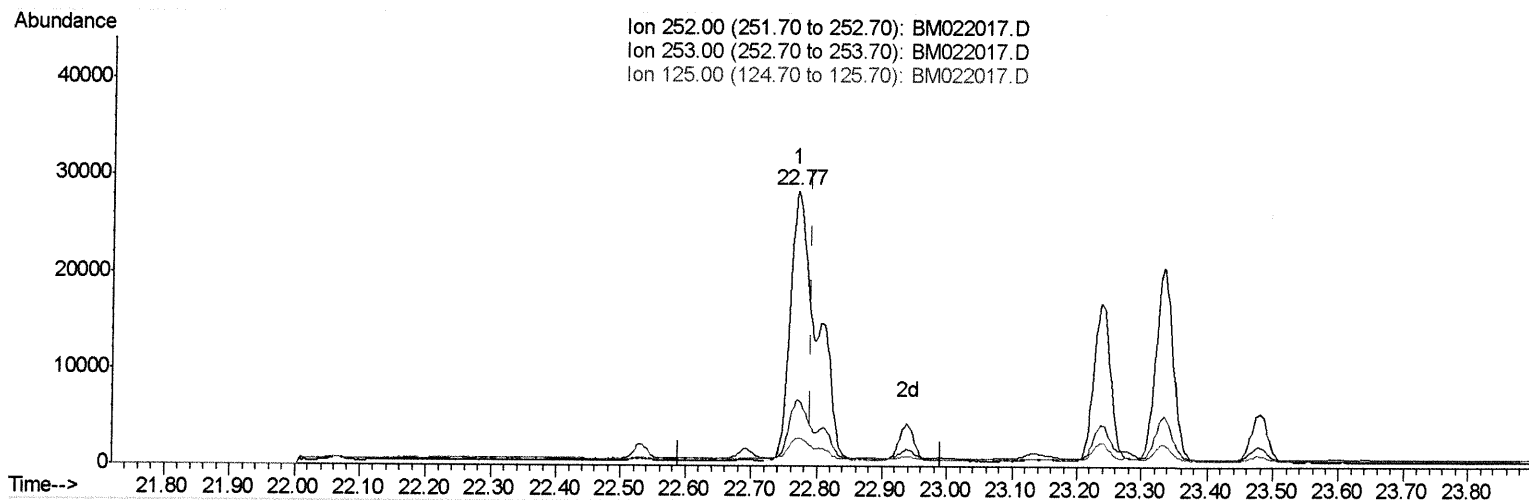
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(21) Benzo(b)fluoranthene
 22.769min (-0.022) 4.03ng/ui
 response 79815

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	24.12
125.00	15.50	10.18
0.00	0.00	0.00

Quantitation Report (Qedit)

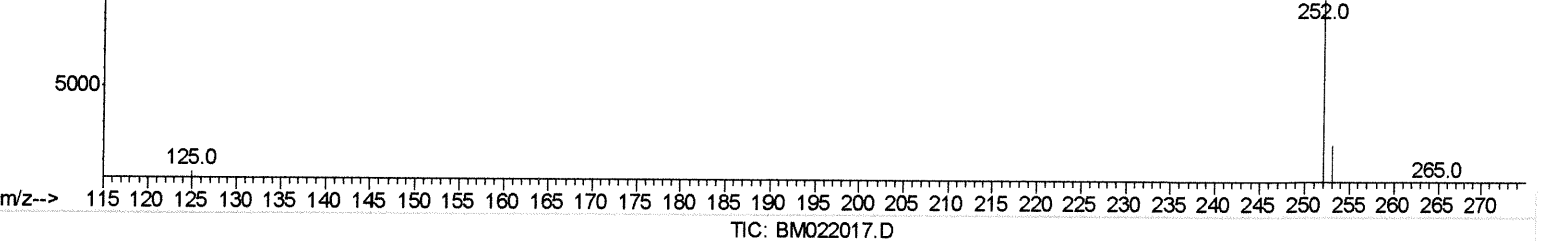
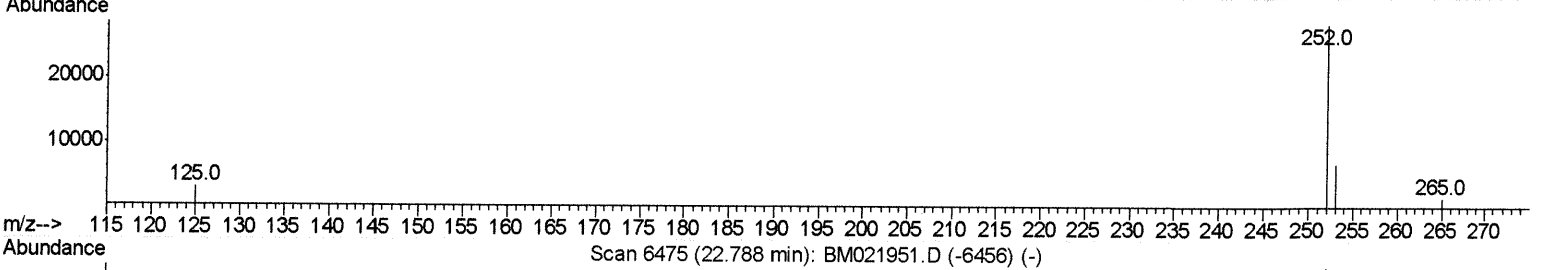
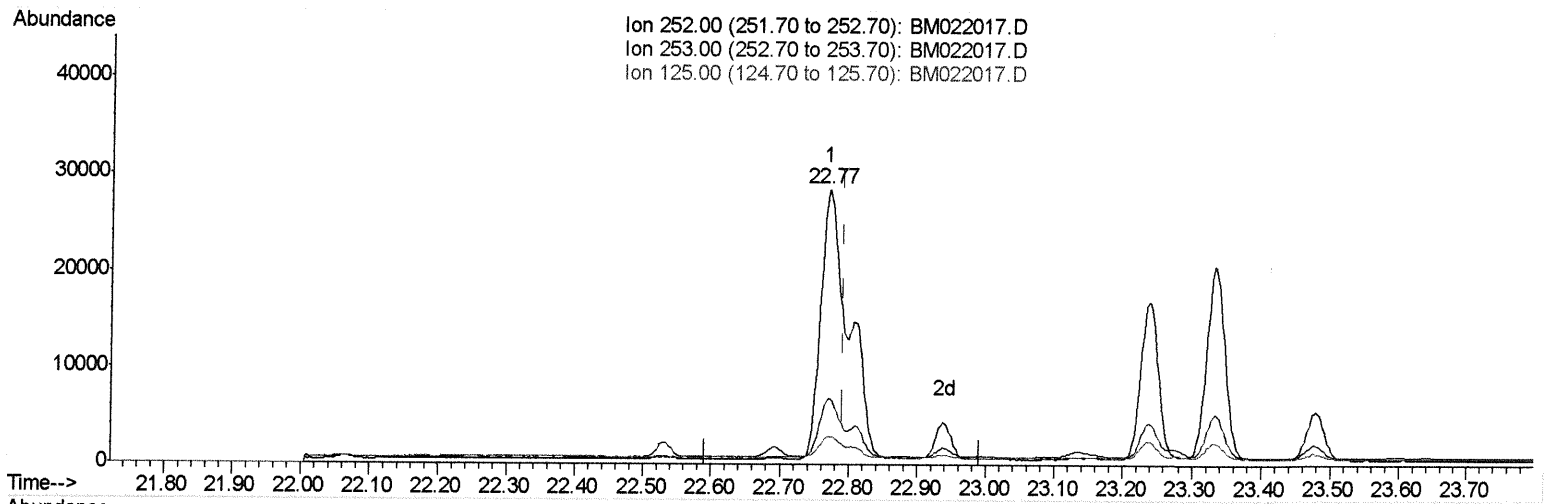
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(21) Benzo(b)fluoranthene

22.769min (-0.022) 2.99ng/ul m *JU* 08/12/19

response 59359

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	24.12
125.00	15.50	10.18
0.00	0.00	0.00

Quantitation Report (Qedit)

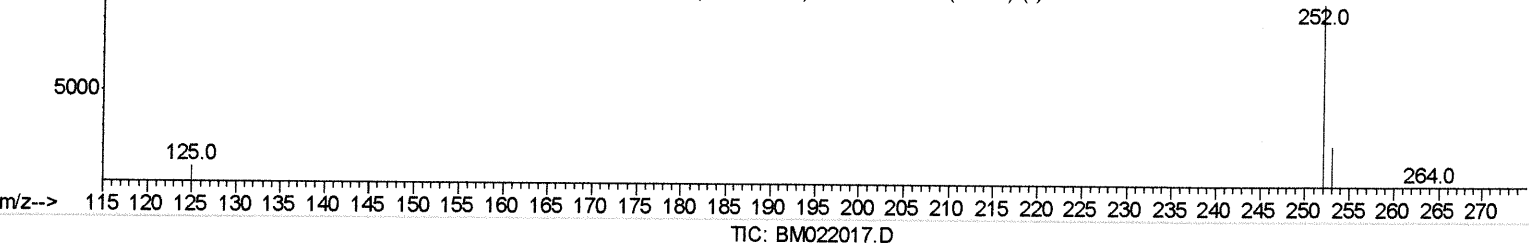
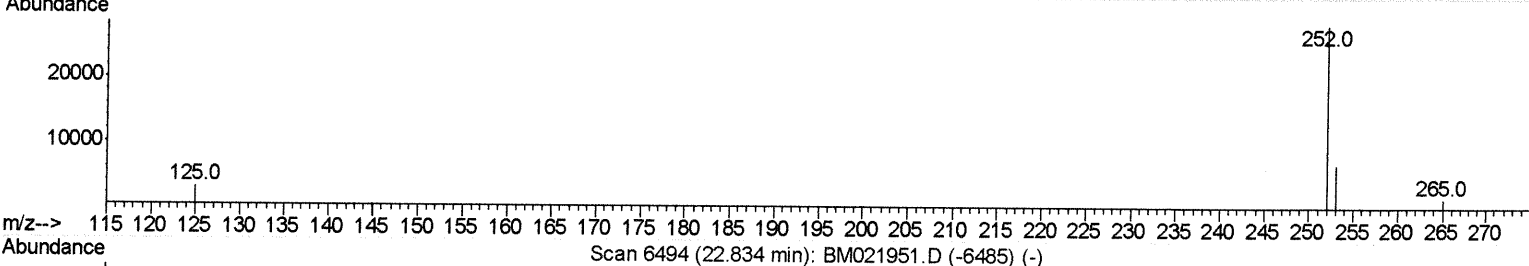
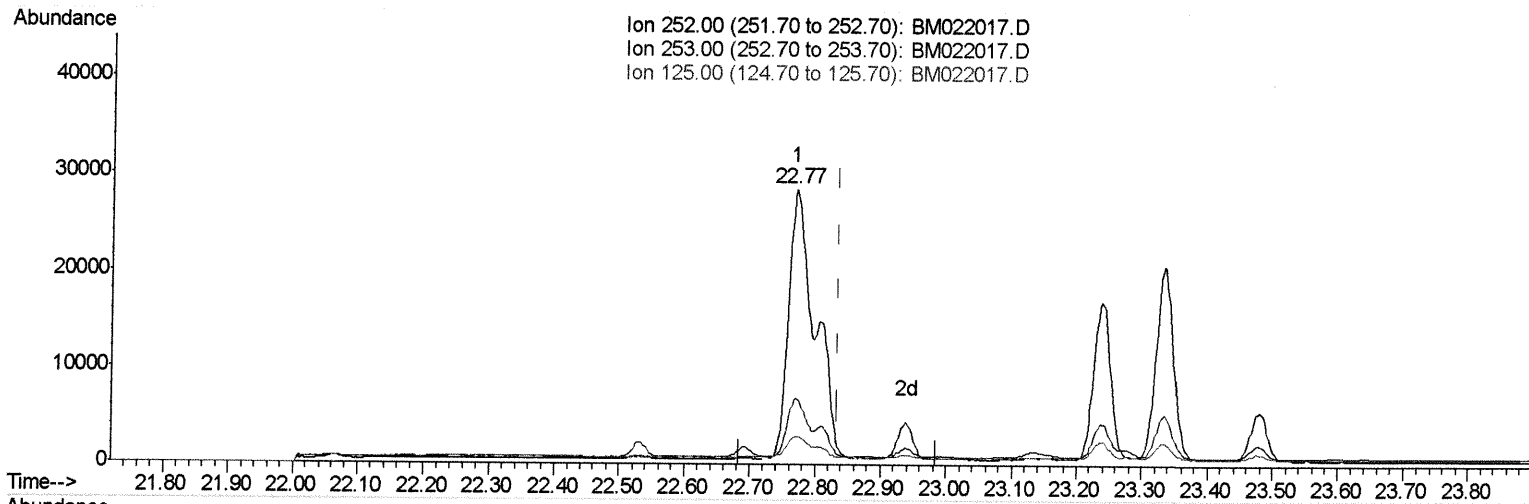
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 Operator : HP/JU
 Sample : K4028-09DL 5X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
 APPROVED

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(22) Benzo(k)fluoranthene

22.769min (-0.066) 3.56ng/ul

response 79815

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	24.12#
125.00	15.20	10.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

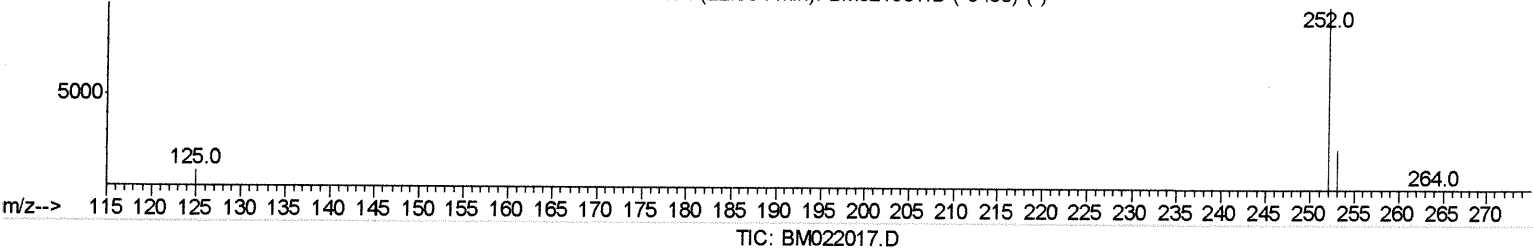
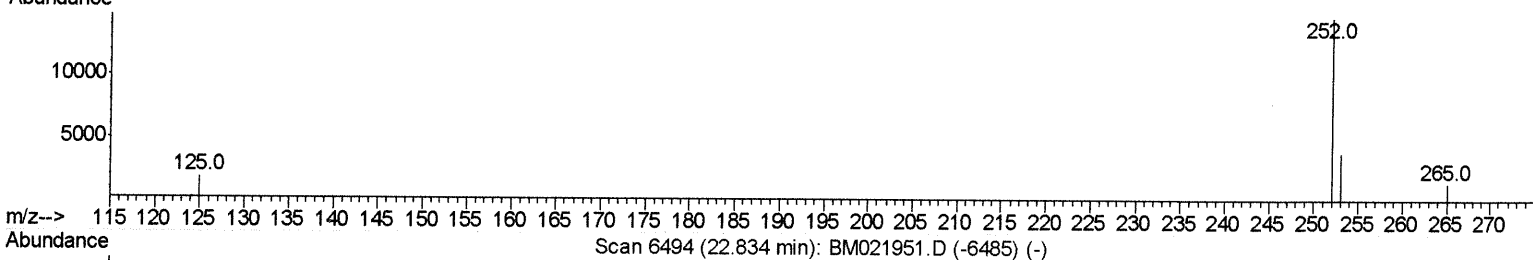
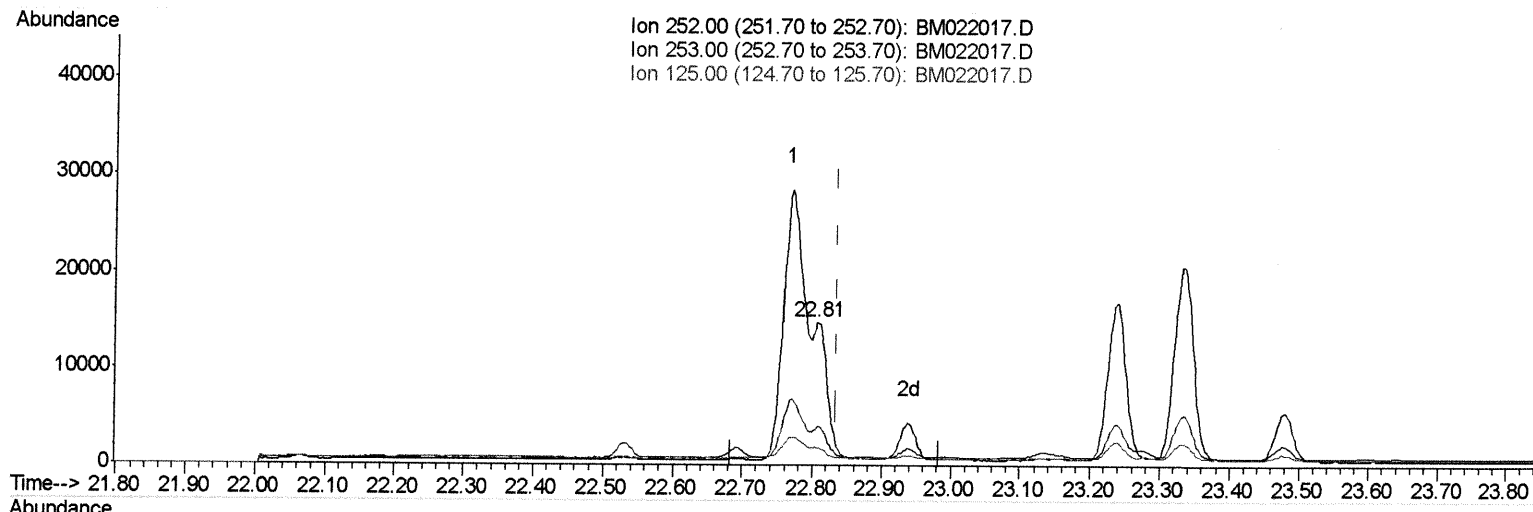
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 ALS Vial : 54 Sample Multiplier: 1

Instrument :
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(22) Benzo(k)fluoranthene

22.805min (-0.029) 0.88ng/ul m *JU 08/12/19*

response 19668

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	26.28#
125.00	15.20	12.66
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	913	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.40	136	3757	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2070	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.02	188	4628	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4612	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	5878	0.40	ng/ul	-0.02

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.01	152	289	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	781	0.05	ng/ul	-0.02

Target Compounds

						Ovalue
3) Naphthalene	10.45	128	437	0.041	ng/ul#	64
5) 2-Methylnaphthalene	12.09	142	188	0.027	ng/ul	85
7) Acenaphthylene	13.99	152	1653	0.171	ng/ul#	82
8) Acenaphthene	14.33	153	723	0.092	ng/ul	95
9) Fluorene	15.33	166	899	0.102	ng/ul#	98
12) Phenanthrene	17.06	178	21943	1.630	ng/ul	97
13) Anthracene	17.16	178	3930	0.342	ng/ul	99
15) Fluoranthene	19.09	202	73040	4.049	ng/ul	96
17) Pyrene	19.45	202	65094	3.435	ng/ul	99
18) Benzo(a)anthracene	21.20	228	32322	1.959	ng/ul	98
19) Chrysene	21.26	228	40847	1.925	ng/ul	98
21) Benzo(b)fluoranthene	22.77	252	59359m	2.995	ng/ul	80
22) Benzo(k)fluoranthene	22.81	252	19668m	0.877	ng/ul	93
23) Benzo(a)pyrene	23.33	252	37756	1.873	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.64	276	30786	1.279	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.64	278	6954	0.357	ng/ul#	88
26) Benzo(a,h,i)perylene	26.32	276	31533	1.455	ng/ul	98

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