

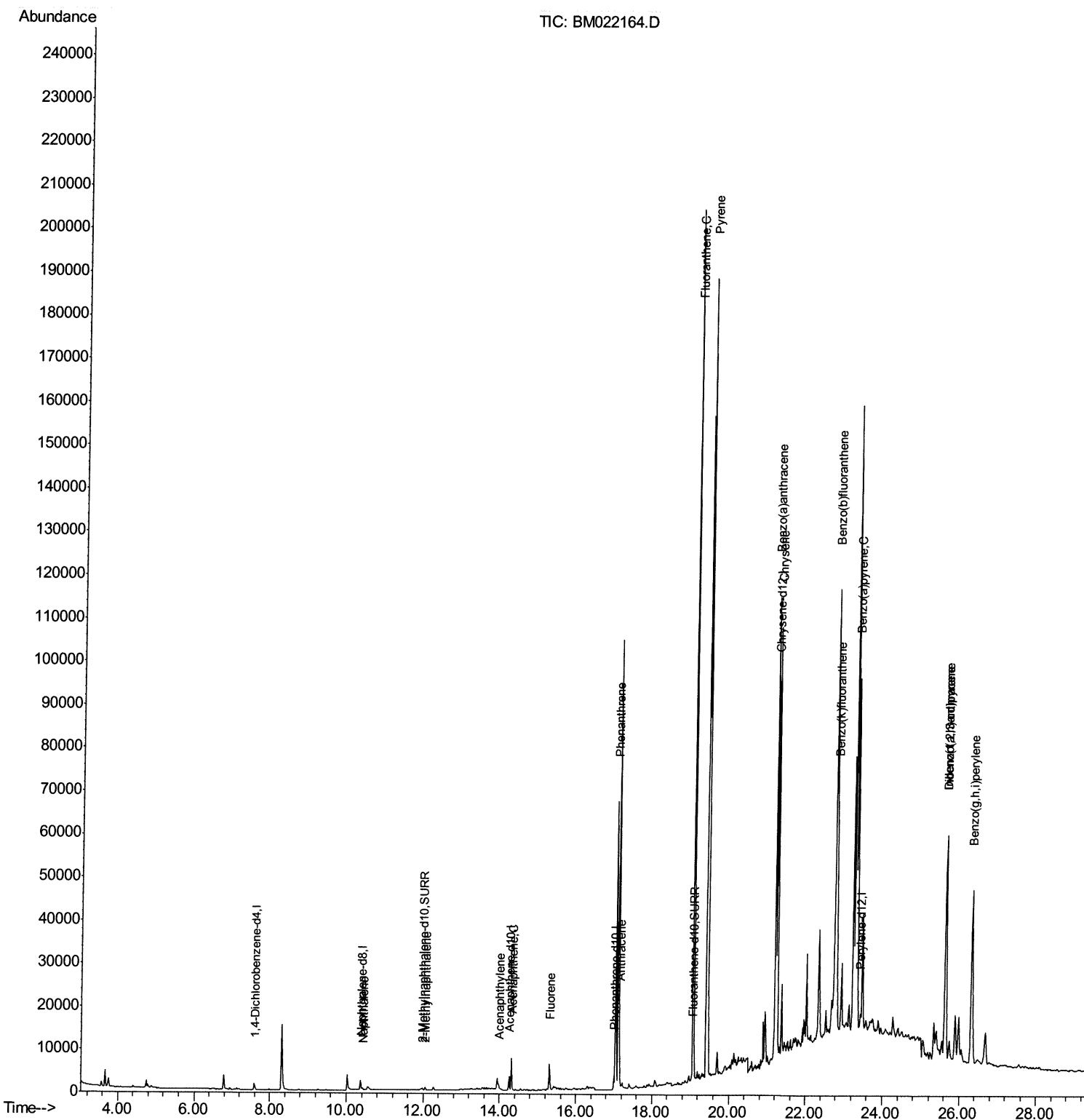
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
Data File : BM022164.D
Acq On : 16 Aug 2019 03:42
Operator : HP/JU
Sample : K4183-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF4

Manual Integrations
APPROVED

mohammad
8/19/2019 10:46:23 AM

Quant Time: Aug 16 15:40:27 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 : Fri Aug 16 14:59:47 2019
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
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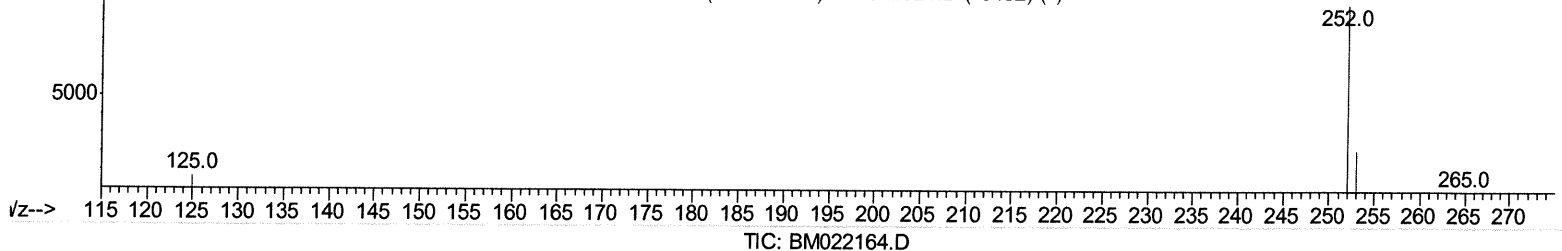
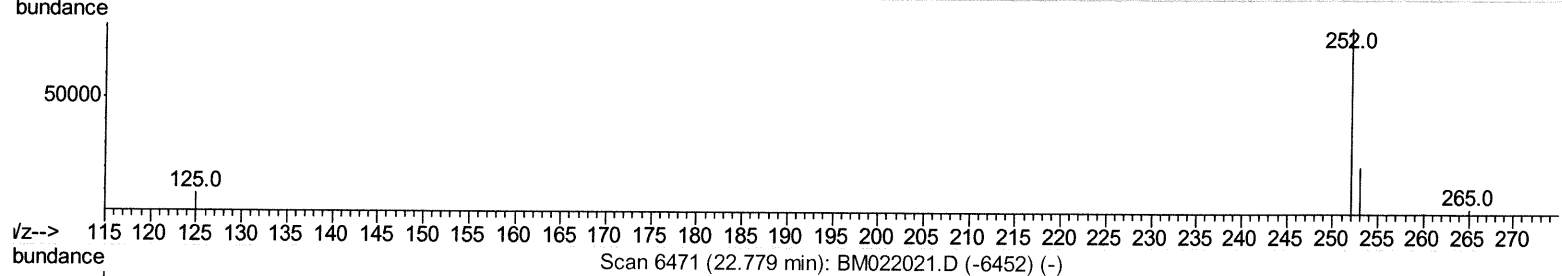
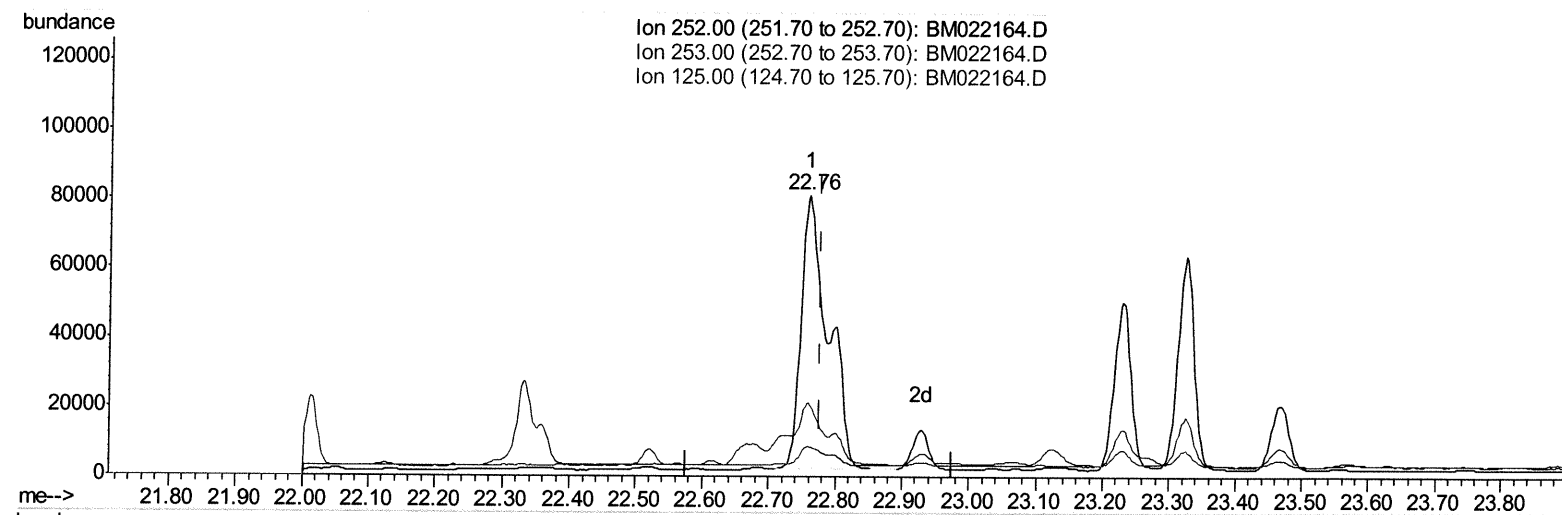
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Ion 252.00 (251.70 to 252.70): BM022164.D
 Ion 253.00 (252.70 to 253.70): BM022164.D
 Ion 125.00 (124.70 to 125.70): BM022164.D



(21) Benzo(b)fluoranthene

22.759min (-0.017) 13.29ng/ul

response 221945

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	26.30
125.00	15.50	10.78
0.00	0.00	0.00

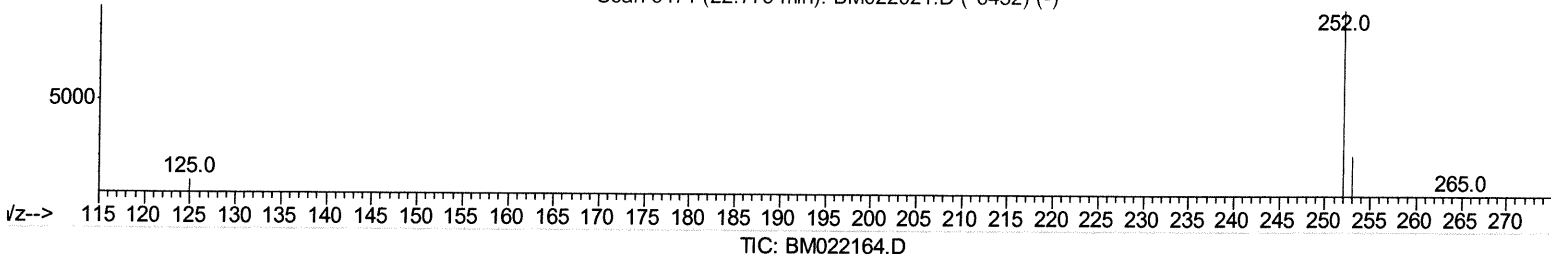
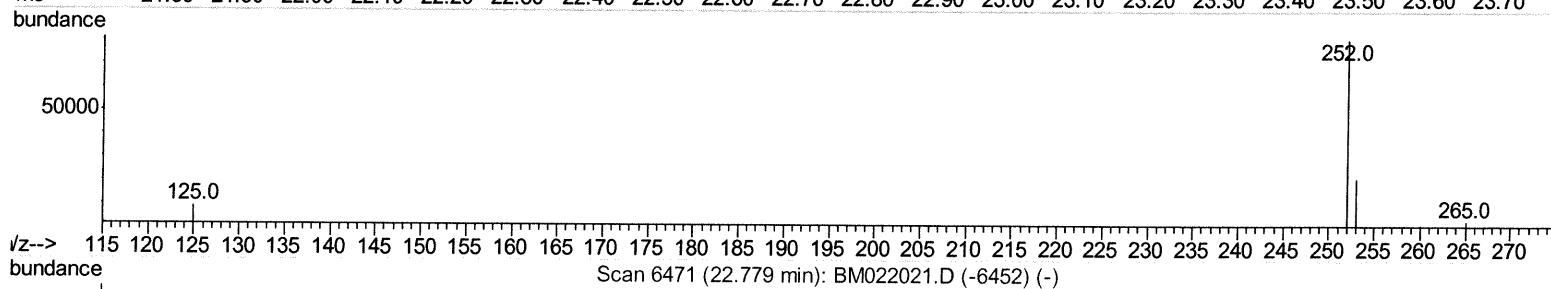
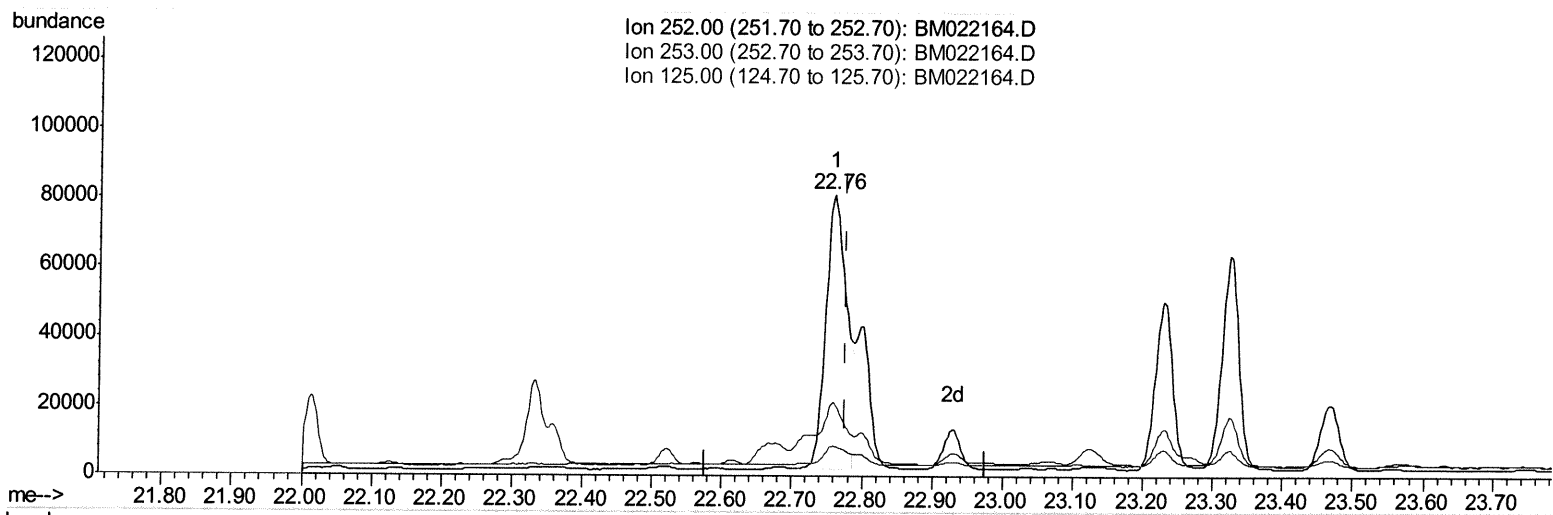
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(21) Benzo(b)fluoranthene

22.759min (-0.017) 9.69ng/ul m

JU 08/20/19

response 161807

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	26.30
125.00	15.50	10.78
0.00	0.00	0.00

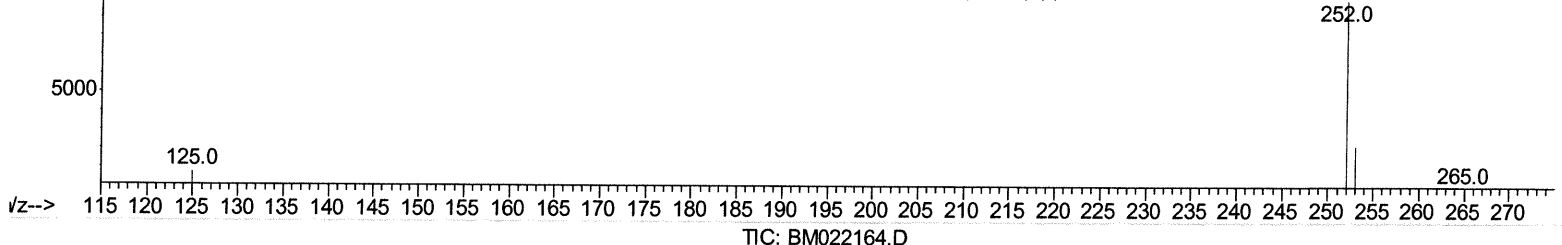
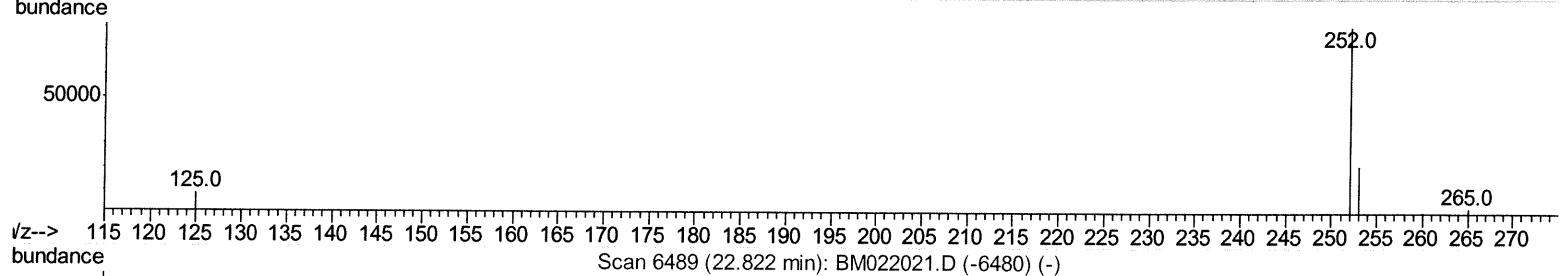
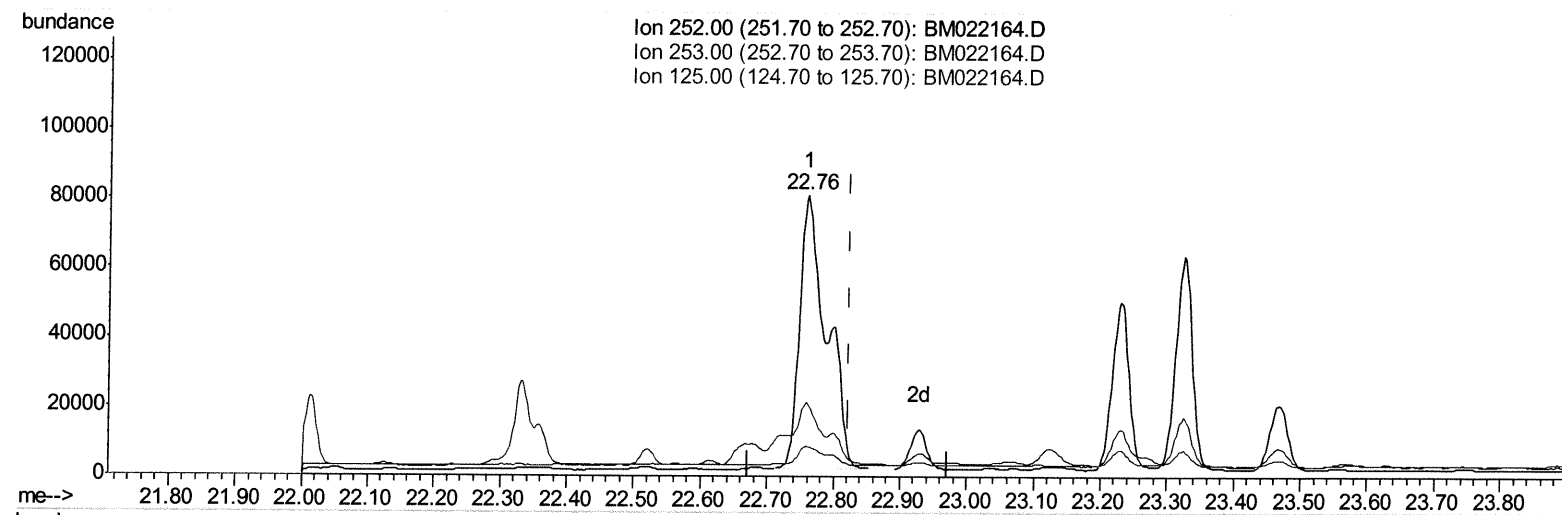
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 Data File : BM022164.D
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 Operator : HP/JU
 Sample : K4183-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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Manual Integrations
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(22) Benzo(k)fluoranthene
 22.759min (-0.063) 11.74ng/ul
 response 221945

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	26.30#
125.00	15.20	10.78#
0.00	0.00	0.00

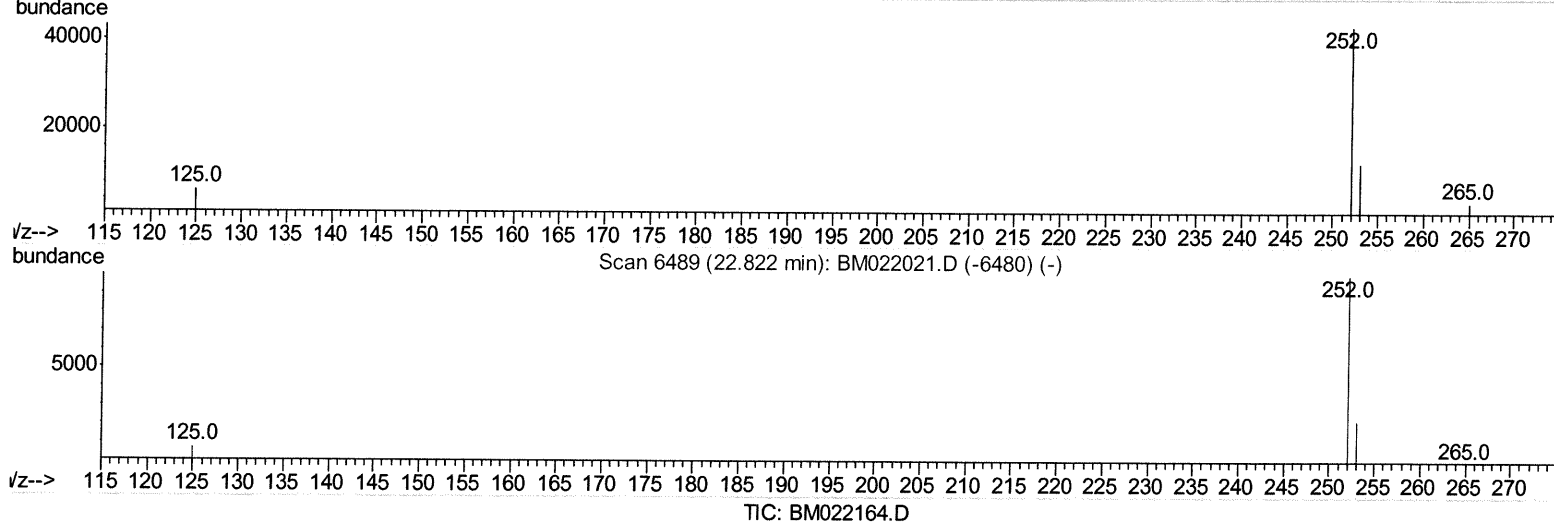
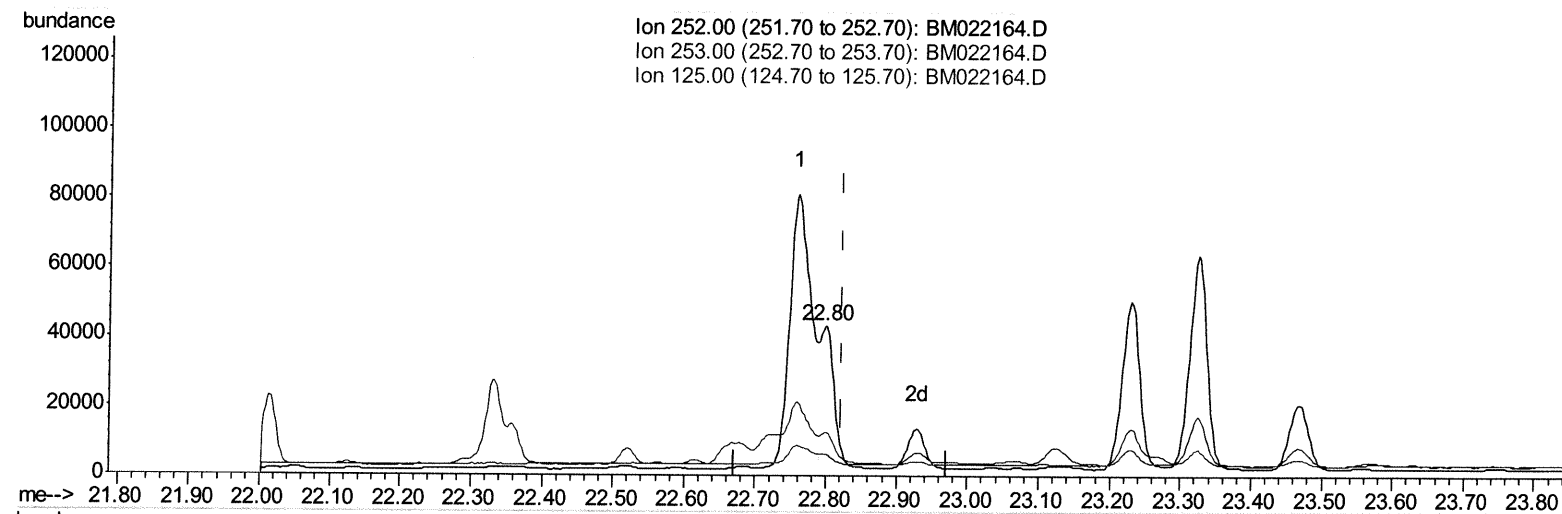
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(22) Benzo(k)fluoranthene

22.798min (-0.024) 3.00ng/ul m

JU 8/20/19

response 56639

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	28.83
125.00	15.20	14.24
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	7.59	152	835	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.37	136	3284	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.25	164	1778	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.00	188	4024	0.40	ng/ul	-0.03
16) Chrysene-d12	21.21	240	4448	0.40	ng/ul	-0.02
20) Perylene-d12	23.42	264	4954	0.40	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.98	152	827	0.15	ng/ul	-0.03
14) Fluoranthene-d10	19.04	212	2146	0.16	ng/ul	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.42	128	761	0.082	ng/ul#	81
5) 2-Methylnaphthalene	12.05	142	498	0.081	ng/ul	94
7) Acenaphthylene	13.97	152	1589	0.192	ng/ul#	75
8) Acenaphthene	14.31	153	4443	0.655	ng/ul	97
9) Fluorene	15.31	166	4065	0.539	ng/ul	99
12) Phenanthrene	17.05	178	68080	5.815	ng/ul	96
13) Anthracene	17.14	178	13899	1.392	ng/ul	98
15) Fluoranthene	19.08	202	175006	11.158	ng/ul	94
17) Pyrene	19.44	202	159400	8.721	ng/ul	98
18) Benzo(a)anthracene	21.19	228	89518	5.626	ng/ul	97
19) Chrysene	21.25	228	101492	4.960	ng/ul	96
21) Benzo(b)fluoranthene	22.76	252	161807m	9.686	ng/ul	96
22) Benzo(k)fluoranthene	22.80	252	56639m	2.996	ng/ul	96
23) Benzo(a)pyrene	23.32	252	105883	6.232	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.63	276	85157	4.198	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.64	278	21902	1.336	ng/ul#	77
26) Benzo(a,h,i)perylene	26.31	276	81213	4.447	ng/ul	96

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