

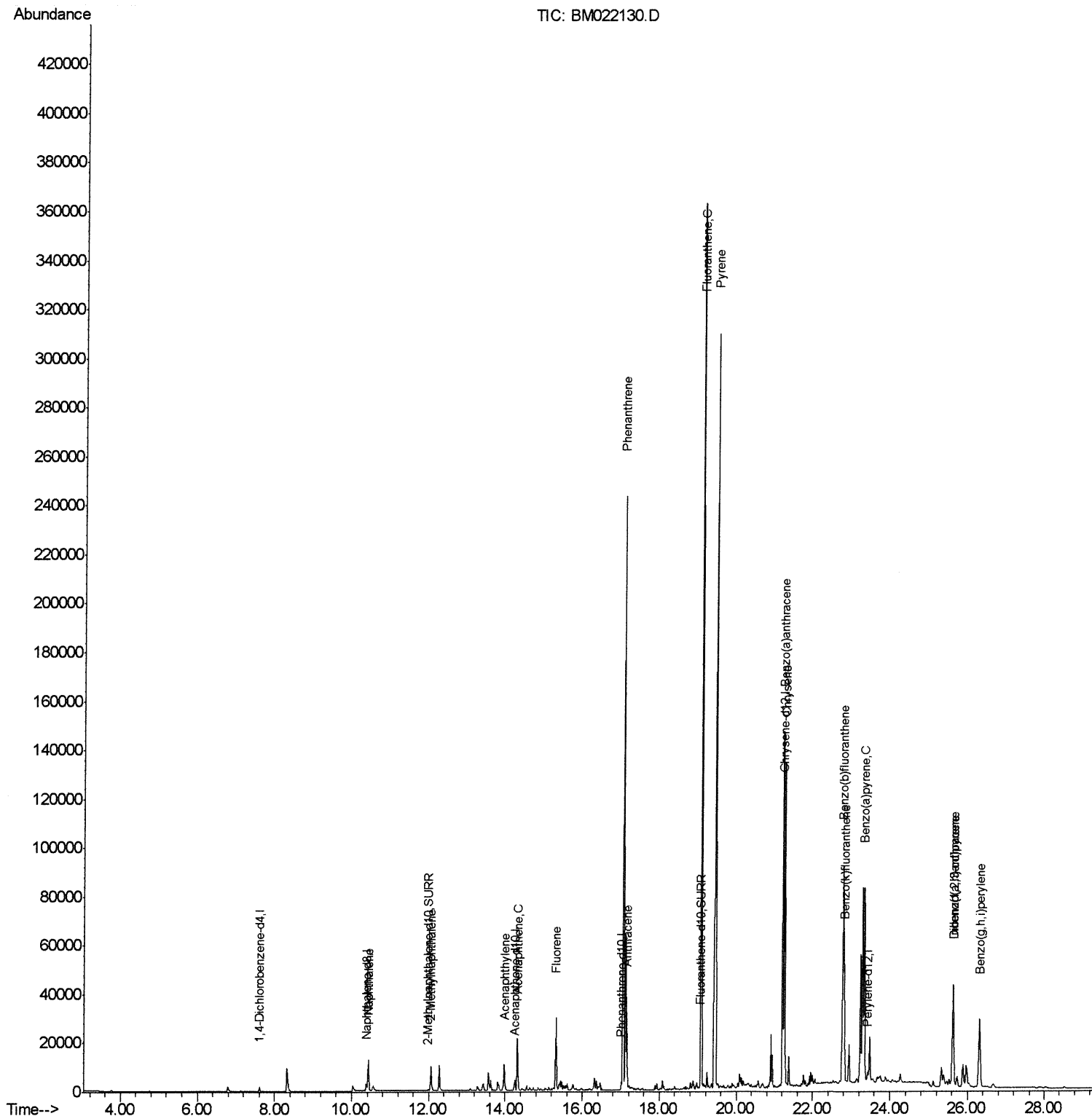
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022130.D
 Acq On : 15 Aug 2019 05:49
 Operator : HP/JU
 Sample : K4304-10DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P1DL

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:13 PM

Quant Time: Aug 15 12:48:55 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



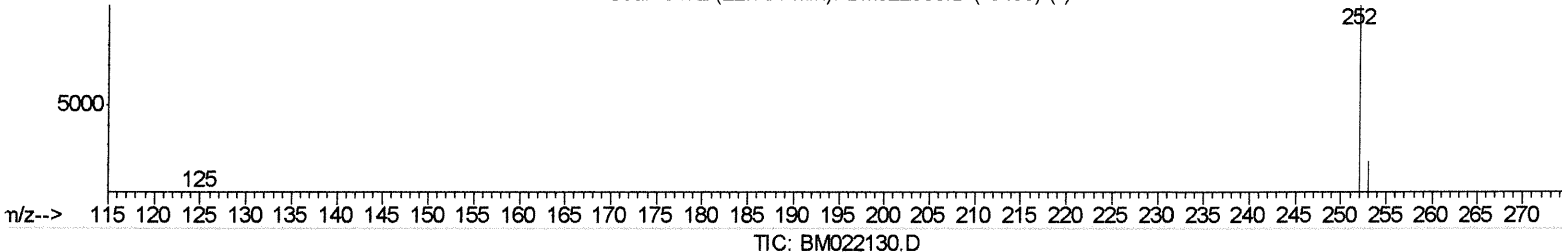
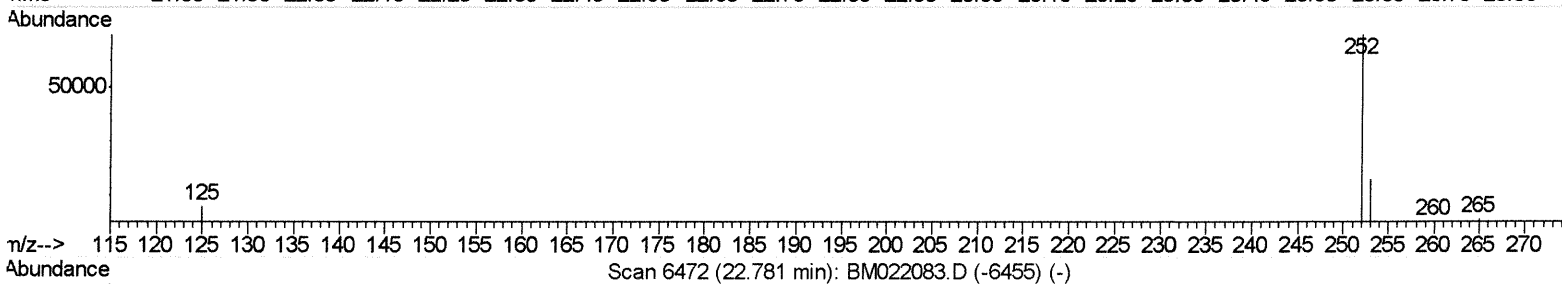
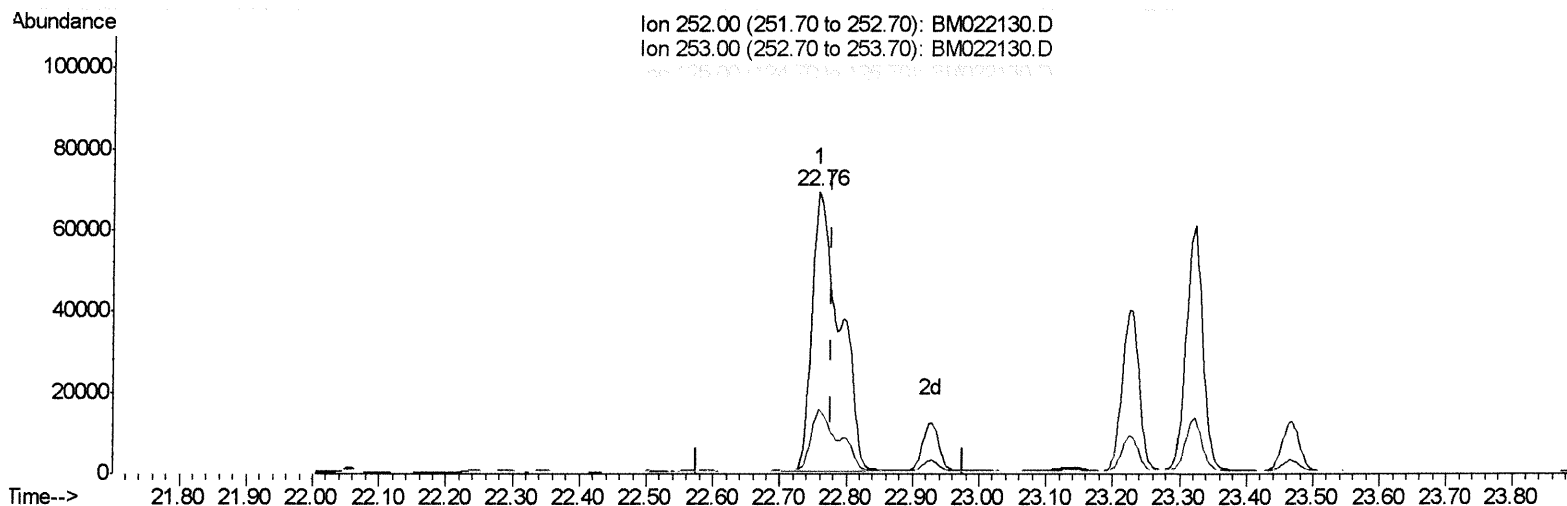
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(21) Benzo(b)fluoranthene

22.757min (-0.019) 12.76ng/ul

response 201303

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.73
125.00	15.50	8.64
0.00	0.00	0.00

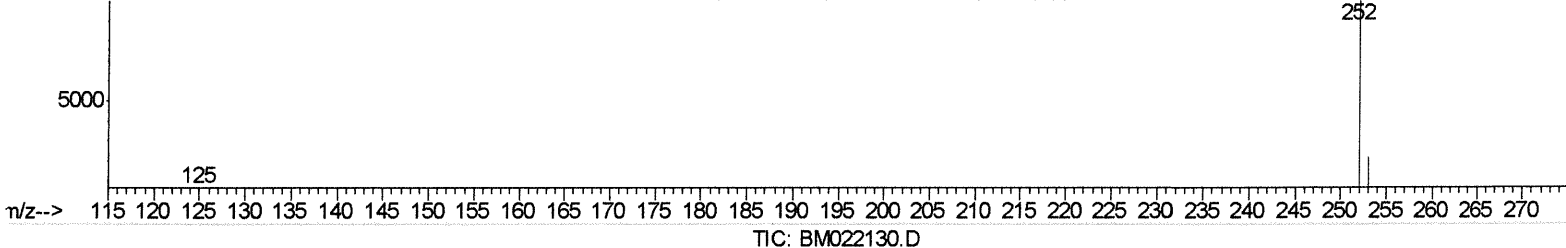
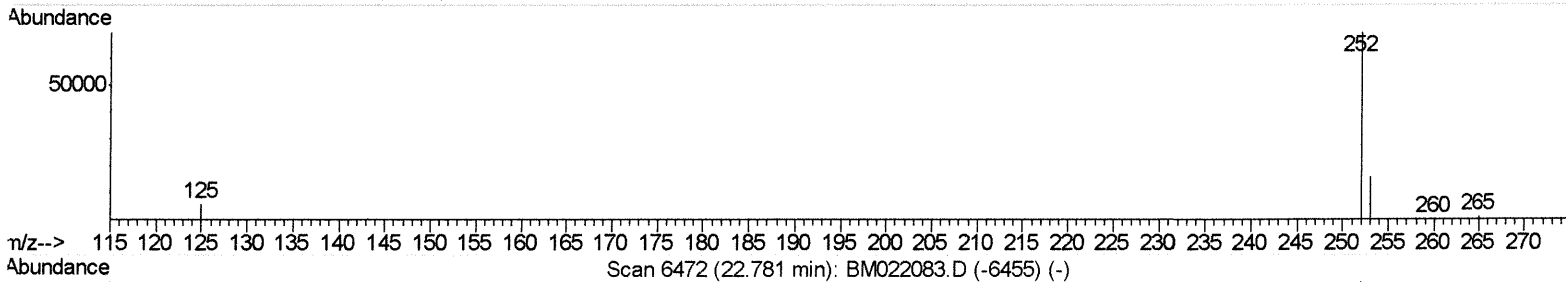
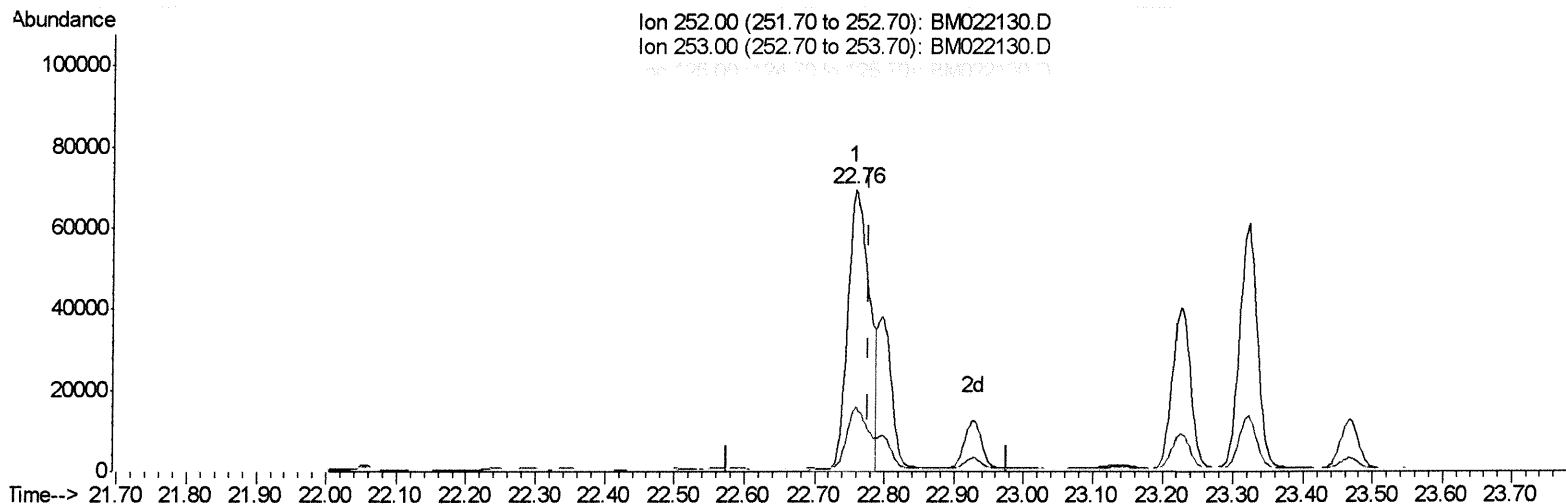
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(21) Benzo(b)fluoranthene
 22.757min (-0.019) 9.46ng/ul m

JU
 08/15/19

response 149264

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.73
125.00	15.50	8.64
0.00	0.00	0.00

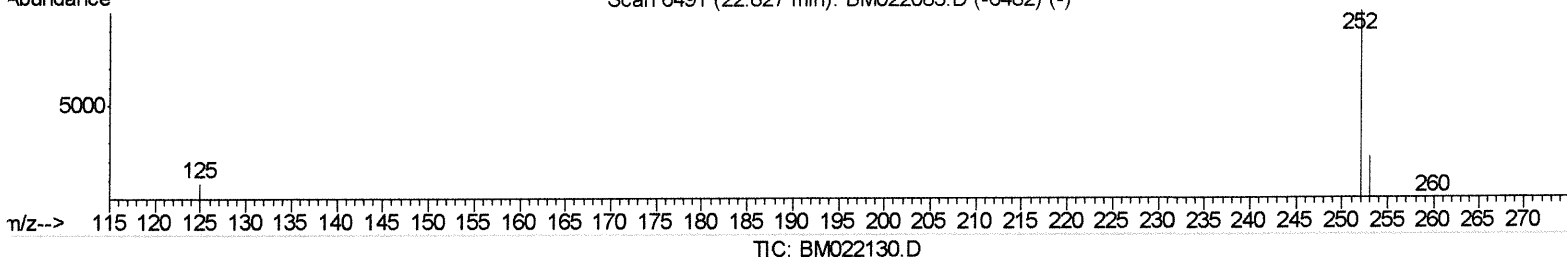
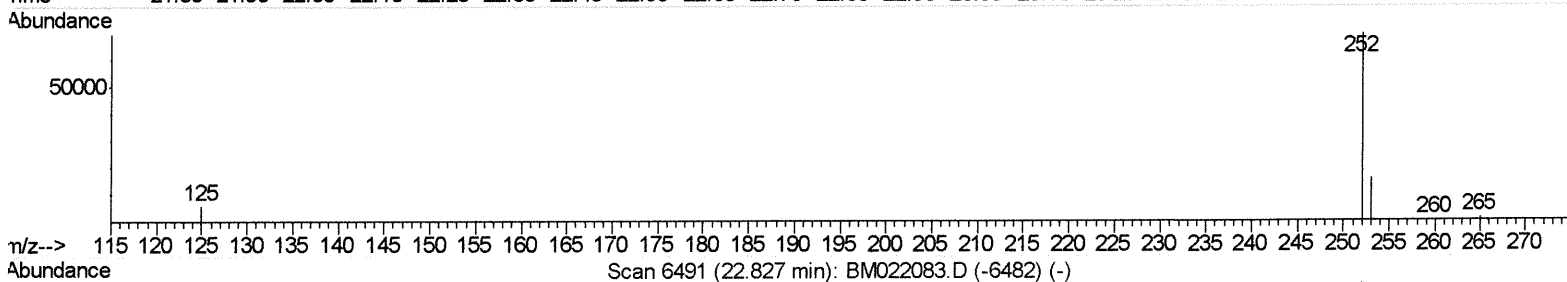
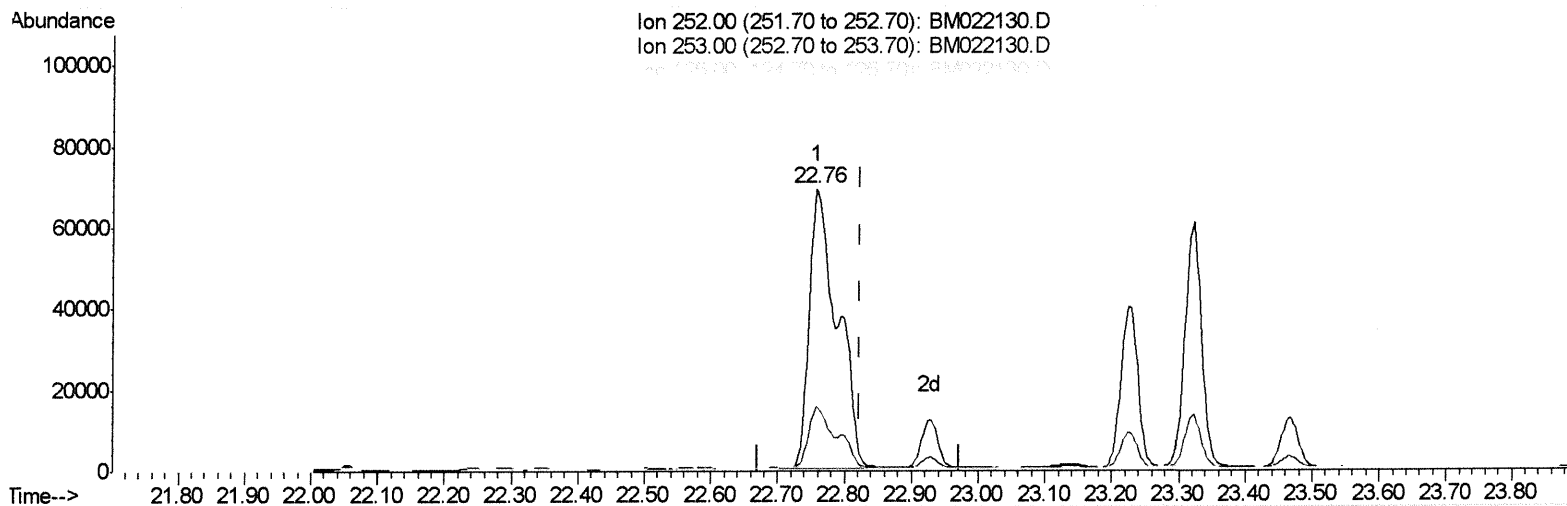
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Instrument :
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 ClientSampleId :
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Manual Integrations
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(22) Benzo(k)fluoranthene

22.757min (-0.065) 11.27ng/ul

response 201303

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.73#
125.00	15.20	8.64#
0.00	0.00	0.00

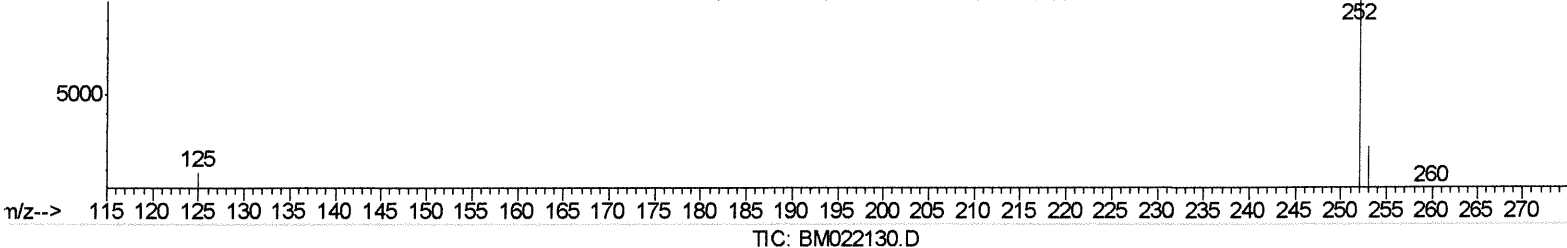
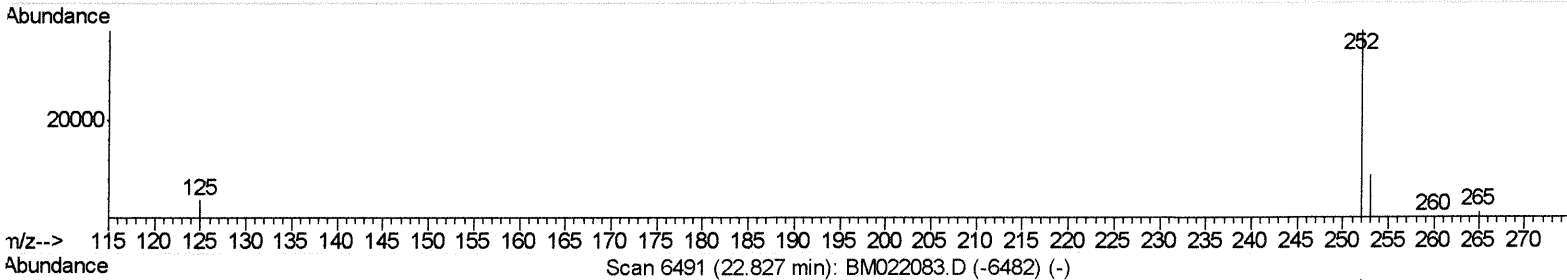
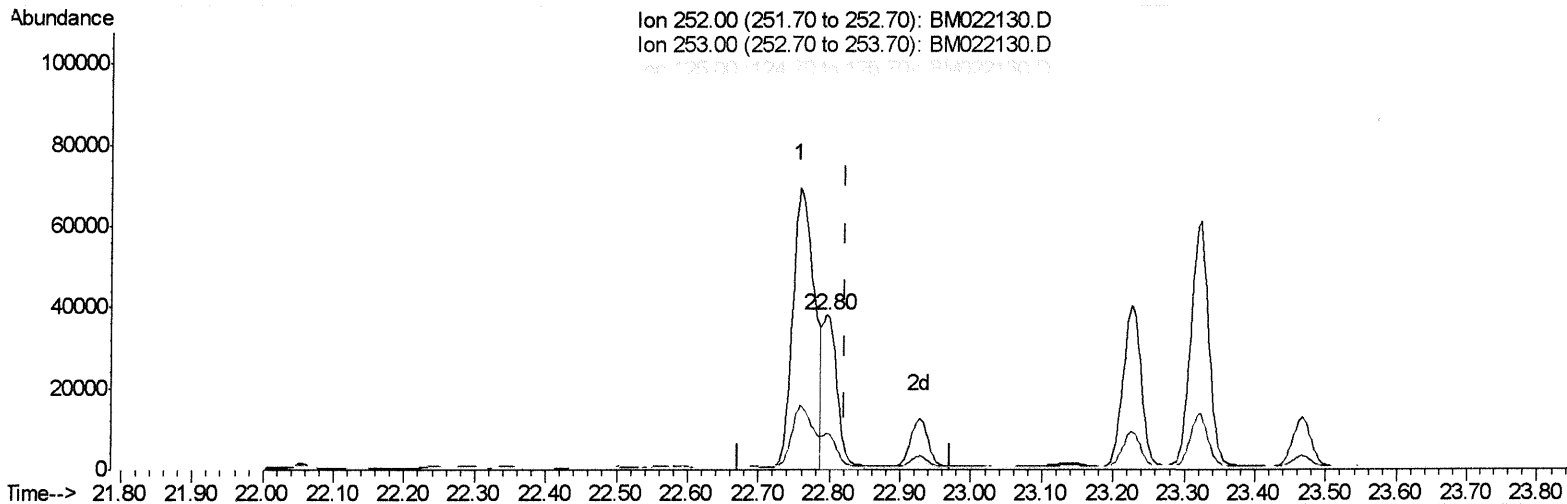
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Manual Integrations
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(22) Benzo(k)fluoranthene

22.796min (-0.026) 3.18ng/ul m

JU 08/15/19

response 56832

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.29#
125.00	15.20	9.92#
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	961	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.37	136	3994	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.25	164	2095	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4316	0.40	ng/ul	-0.03
16) Chrysene-d12	21.21	240	4085	0.40	ng/ul	-0.02
20) Perylene-d12	23.42	264	4679	0.40	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.98	152	566	0.09	ng/ul	-0.03
14) Fluoranthene-d10	19.05	212	1261	0.09	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.42	128	18131	1.607	ng/ul#	92
5) 2-Methylnaphthalene	12.05	142	8918	1.186	ng/ul	97
7) Acenaphthylene	13.97	152	10461	1.071	ng/ul#	82
8) Acenaphthene	14.31	153	12569	1.572	ng/ul	96
9) Fluorene	15.31	166	19521	2.199	ng/ul	97
12) Phenanthrene	17.05	178	256384	20.416	ng/ul	96
13) Anthracene	17.14	178	34501	3.221	ng/ul	95
15) Fluoranthene	19.08	202	303433	18.037	ng/ul	94
17) Pyrene	19.44	202	267944	15.962	ng/ul	97
18) Benzo(a)anthracene	21.20	228	122441	8.380	ng/ul	99
19) Chrysene	21.25	228	127924	6.807	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	149264m	9.460	ng/ul	97
22) Benzo(k)fluoranthene	22.80	252	56832m	3.183	ng/ul	97
23) Benzo(a)pyrene	23.32	252	106566	6.641	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.62	276	66705	3.482	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.62	278	17358	1.121	ng/ul	92
26) Benzo(g,h,i)perylene	26.30	276	57270	3.320	ng/ul	96

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