

Quantitation Report (QT/LSC Reviewed)

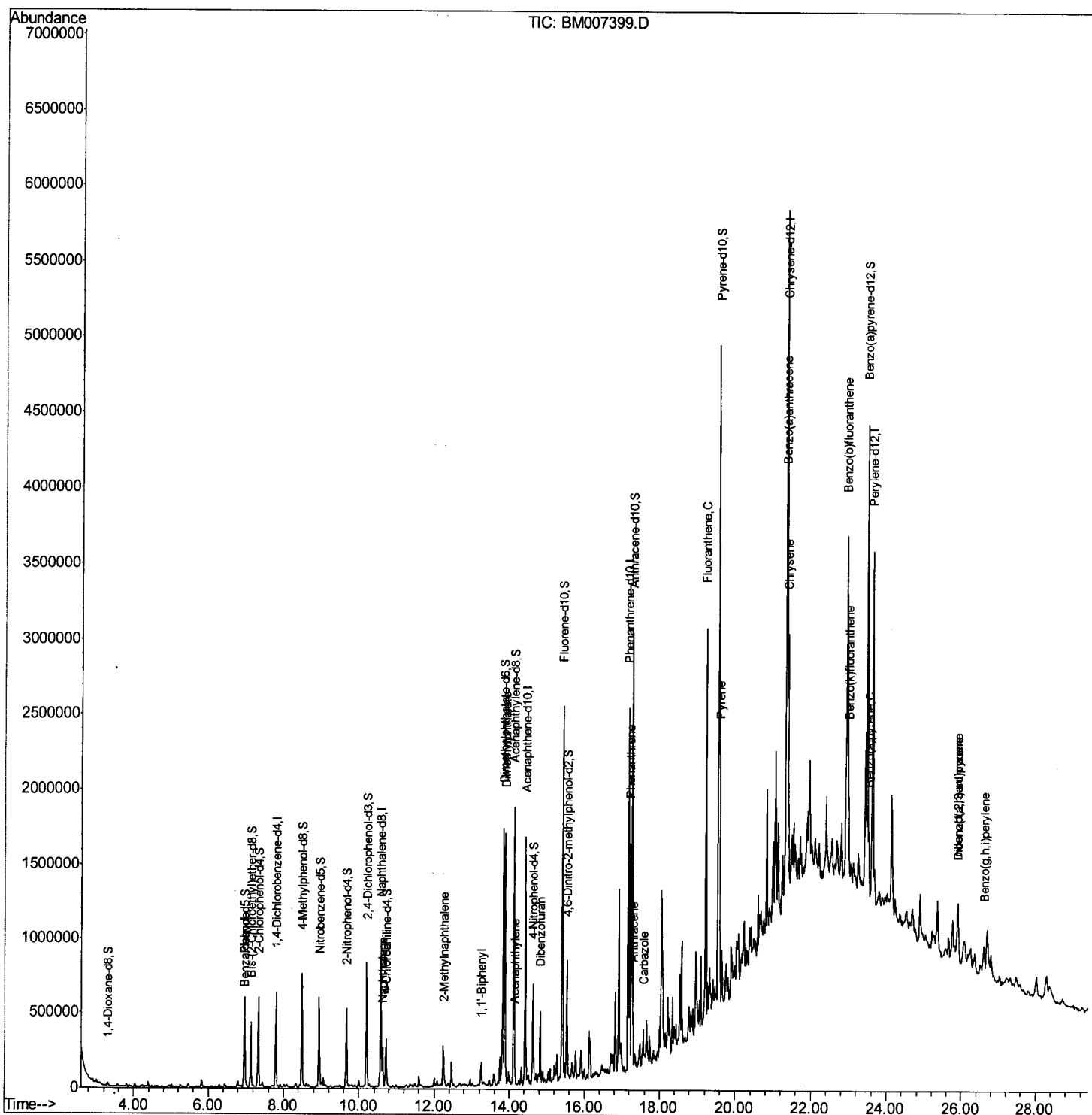
Data Path : Z:\HPCHEM1\BNA_M\Data\BM090316\
 Data File : BM007399.D
 Acq On : 03 Sep 2016 10:10
 Operator : UM/SJ
 Sample : H4639-19
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD395

Manual Integrations
 APPROVED

sohil
 9/6/2016 1:16:33 PM

Quant Time: Sep 06 08:38:27 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 05 01:45:04 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

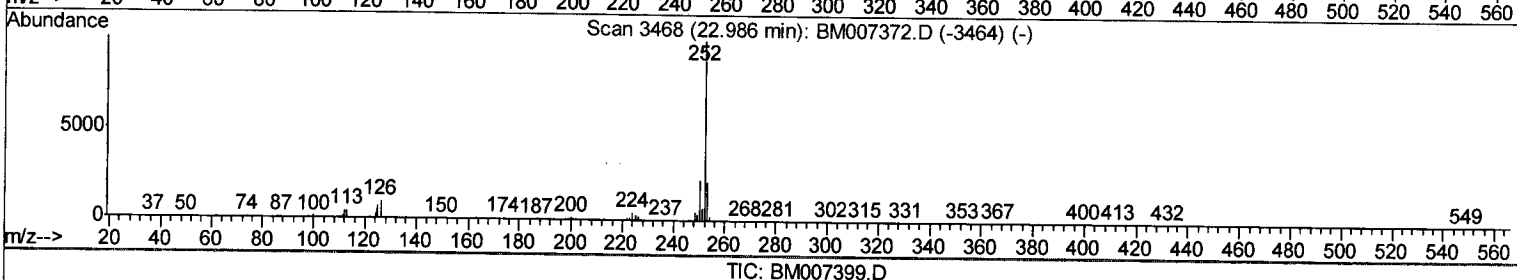
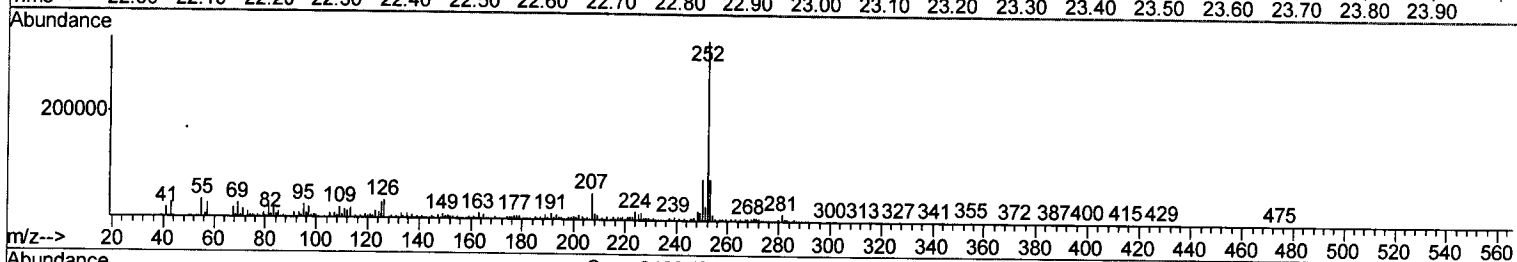
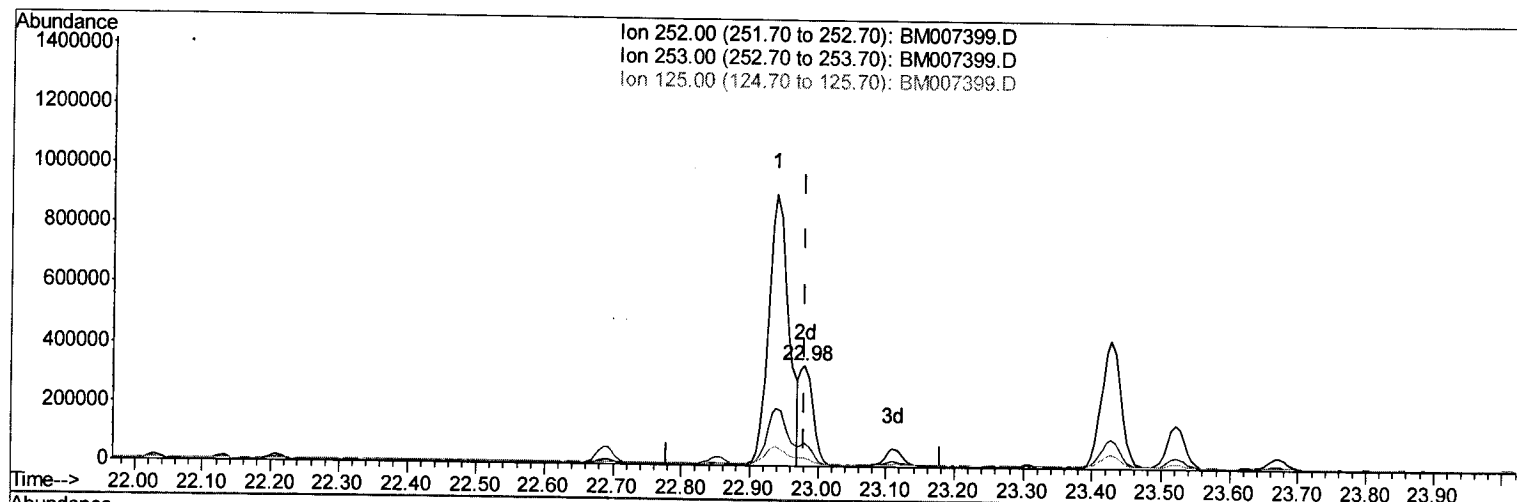
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TIC: BM007399.D

(86) Benzo(k)fluoranthene

22.980min (+0.000) 4.69ng/ul m

response 478464

Ion Exp% Act%

252.00 100 100

253.00 22.00 23.09

125.00 7.10 9.08#

0.00 0.00 0.00

U.M
 29/07/16

Quantitation Report (Qedit)

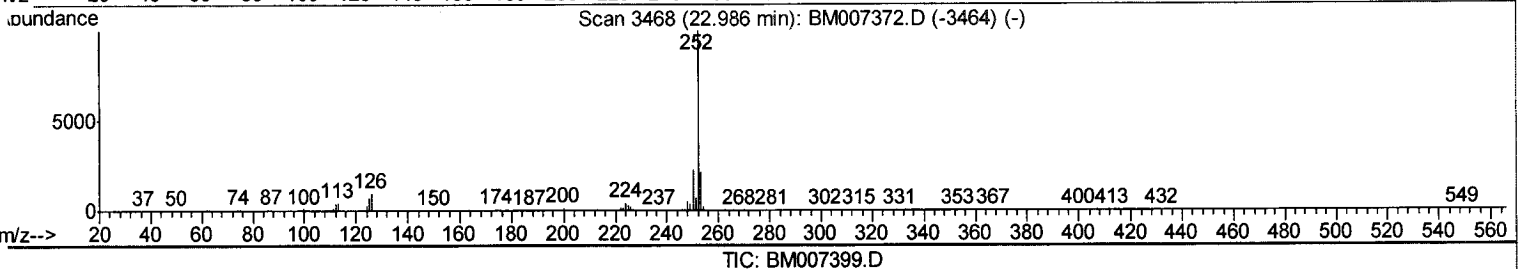
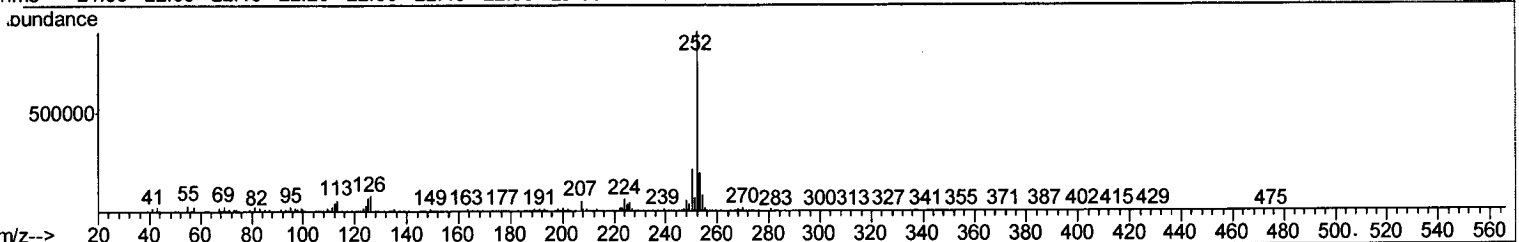
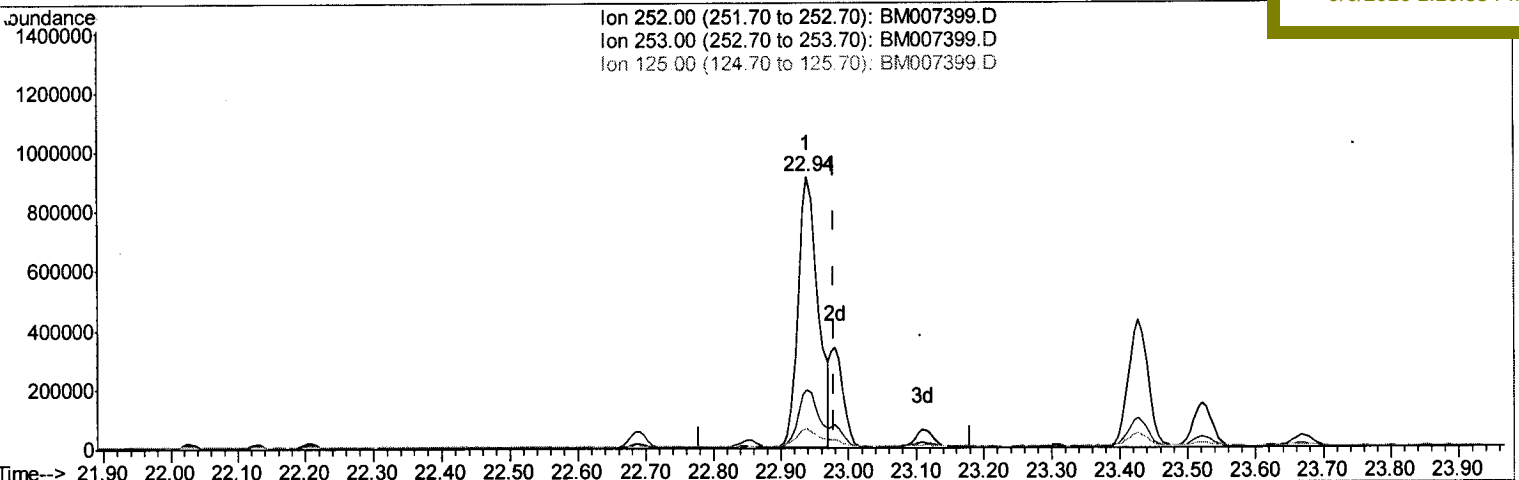
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TIC: BM007399.D

(86) Benzo(k)fluoranthene

22.939min (-0.041) 18.13ng/ui

response 1850217

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	21.59
125.00	7.10	7.39
0.00	0.00	0.00

Quantitation Report (Qedit)

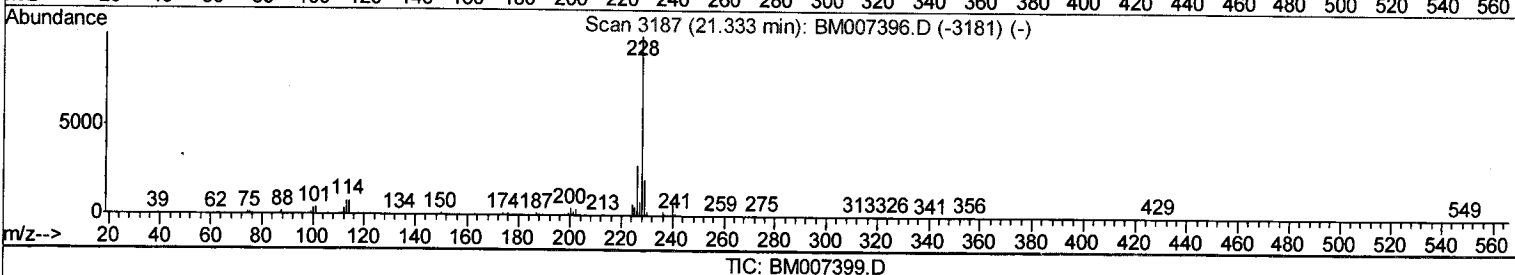
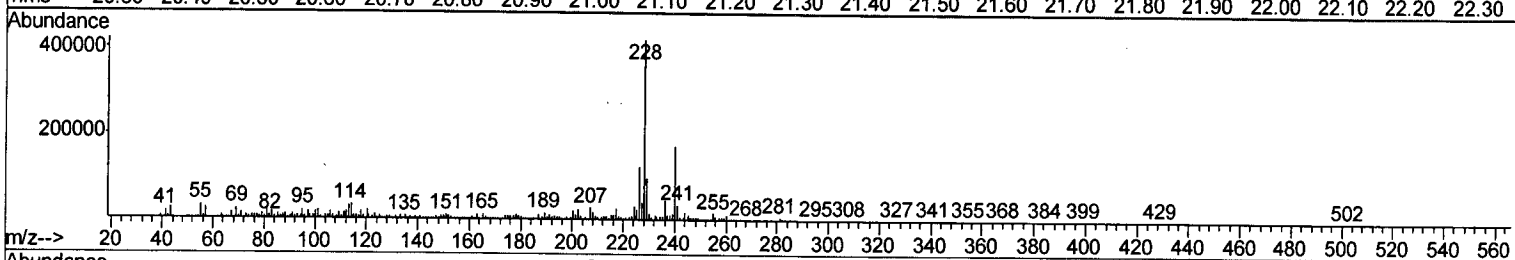
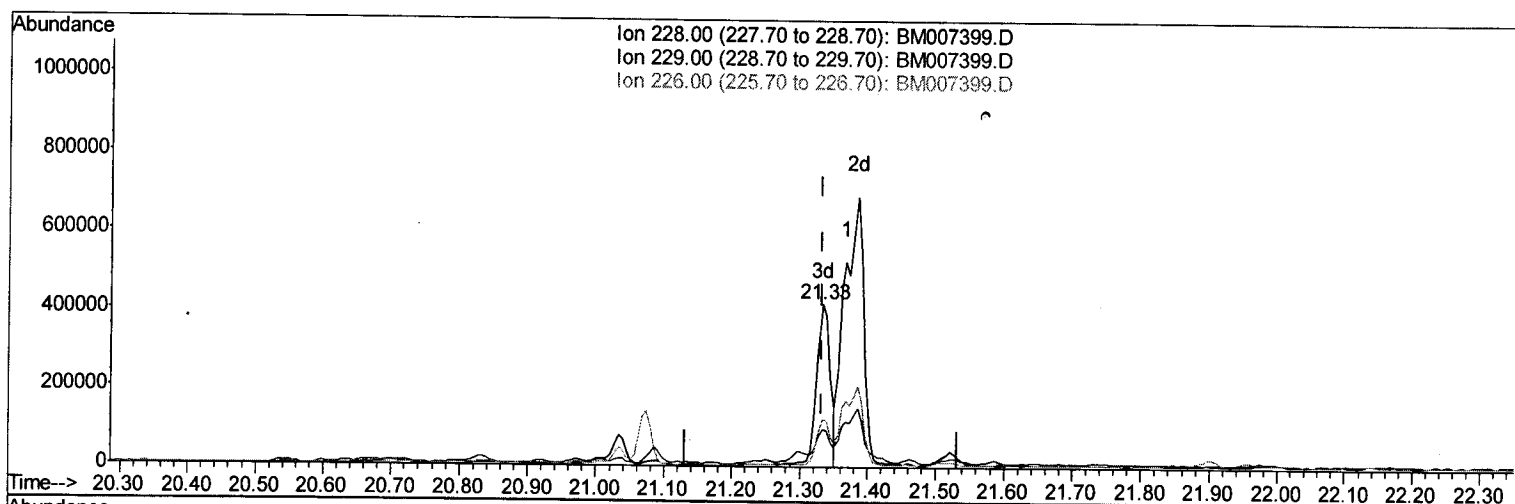
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Quant Time: Sep 05 02:22:31 2016
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TIC: BM007399.D

(80) Benzo(a)anthracene

21.333min (+0.000) 5.40ng/ul m

response 601442

Ion Exp% Act%

228.00 100 100

229.00 19.50 23.42#

226.00 27.30 29.38

0.00 0.00 0.00

U.M
 09/07/16

Quantitation Report (Qedit)

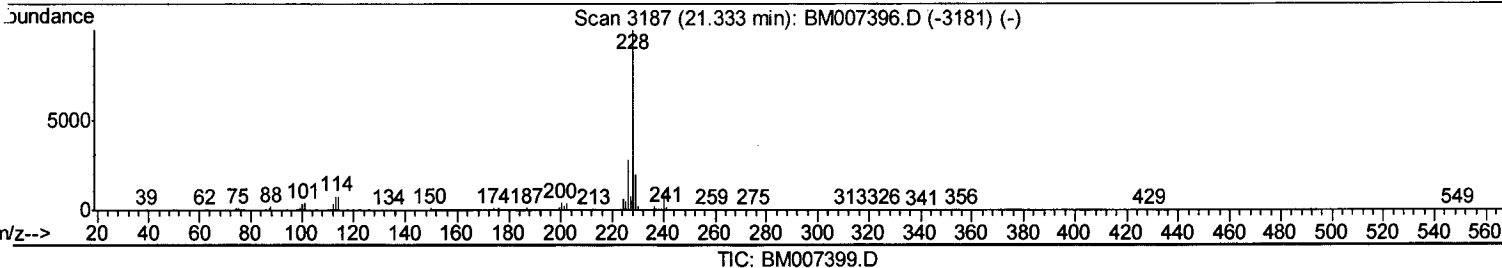
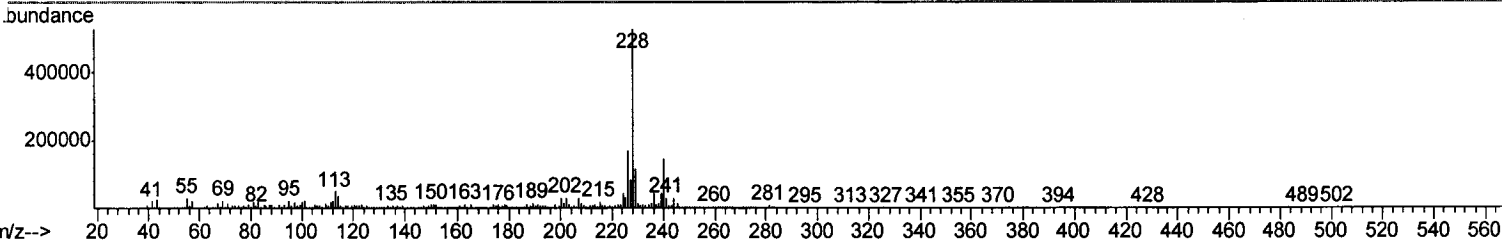
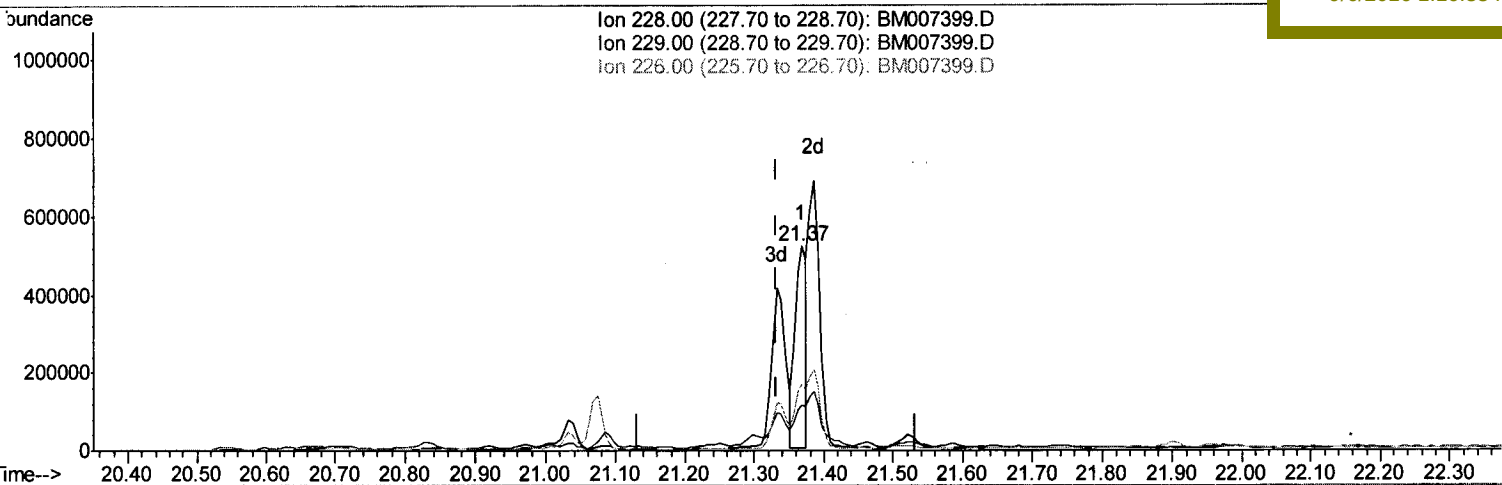
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Manual Integrations
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(80) Benzo(a)anthracene

21.368min (+0.035) 5.40ng/ul

response 600521

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	21.94
226.00	27.30	32.36
0.00	0.00	0.00

Quantitation Report (Qedit)

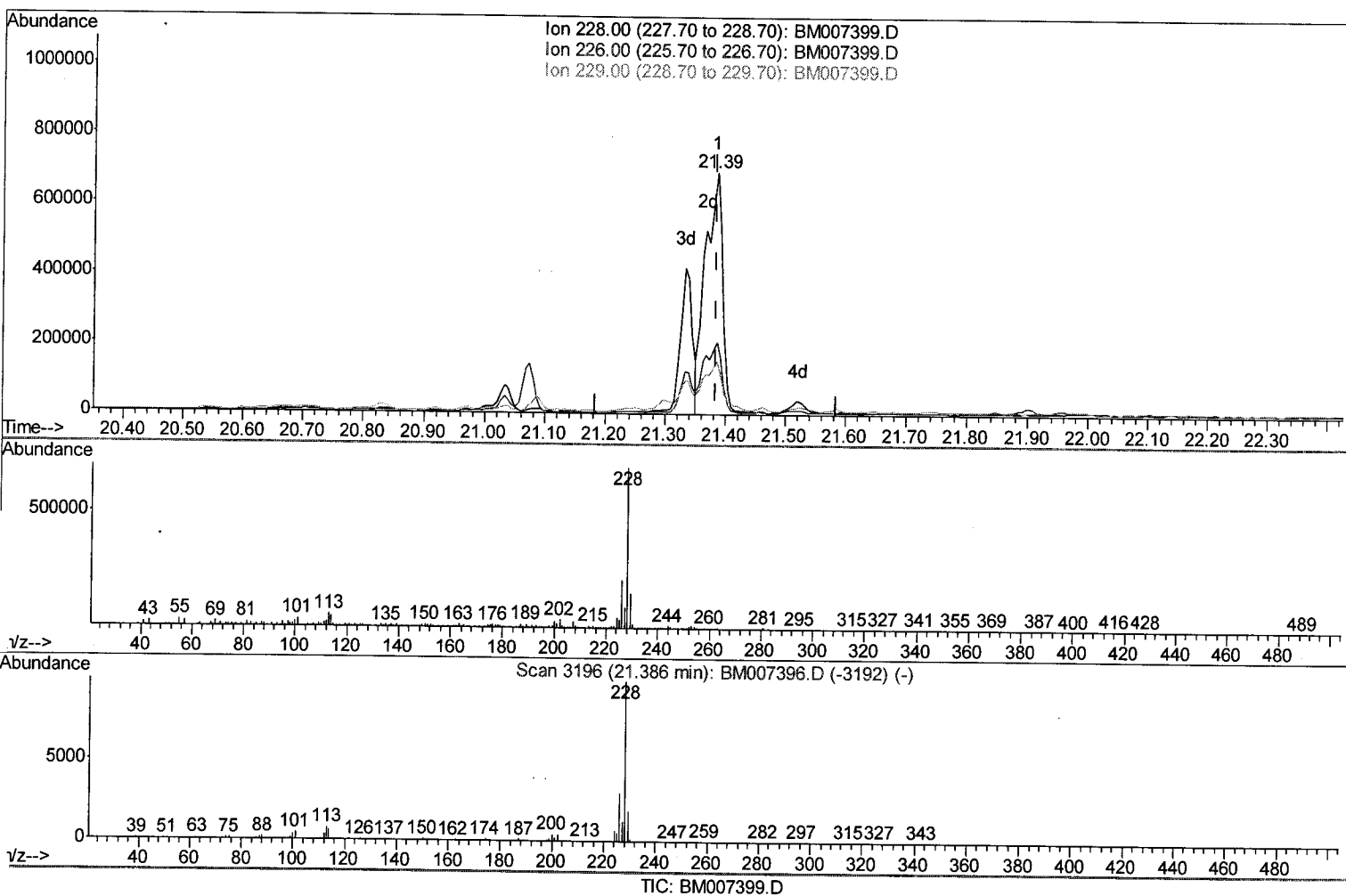
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(82) Chrysene

21.386min (+0.000) 13.72ng/ul m

response 1382756

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	30.08
229.00	19.40	21.70
0.00	0.00	0.00

UM
 09/07/16

Quantitation Report (Qedit)

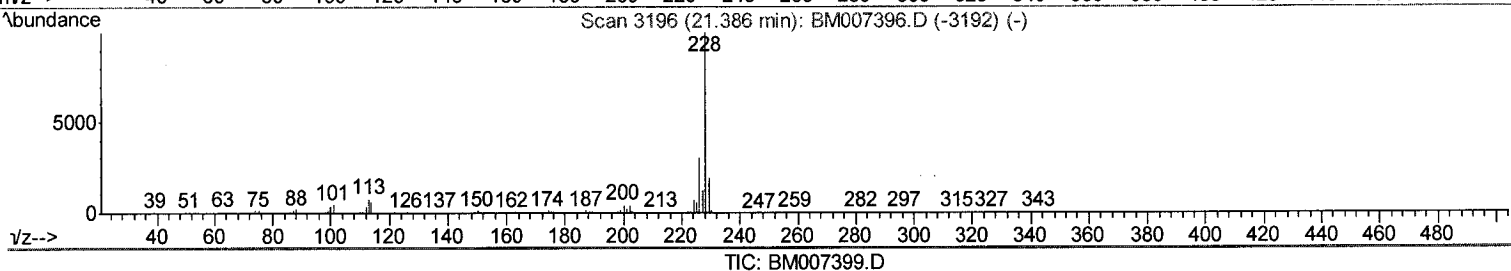
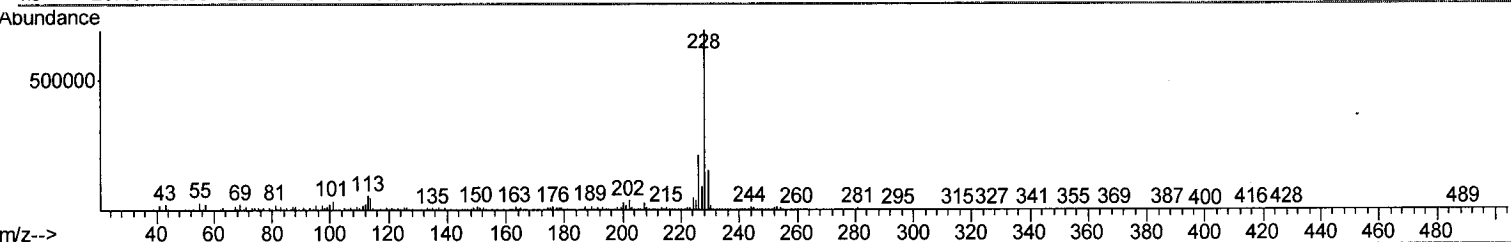
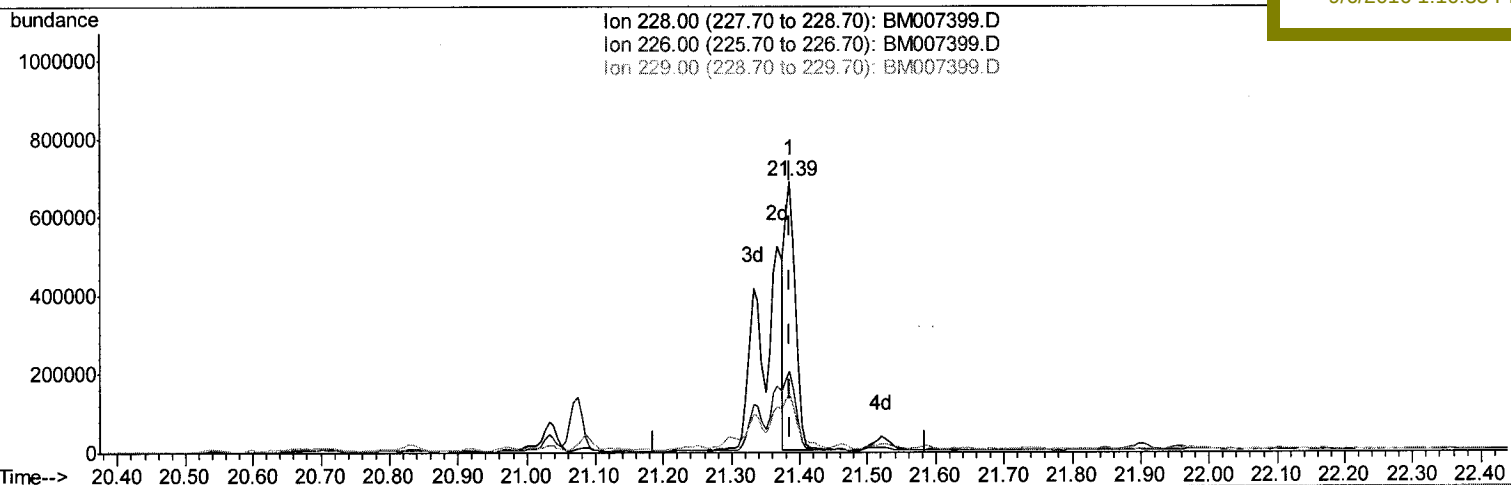
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APPROVED

sohil
9/6/2016 1:16:33 PM



(82) Chrysene

21.386min (+0.000) 7.45ng/ul

response 751029

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	30.08
229.00	19.40	21.70
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	7.80	152	167261	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	786047	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	535394	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1410363	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	1887860	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	1866979	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	12456	3.81	ng/uL	0.00
5) Phenol-d5	6.96	99	328388	20.78	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.13	67	177975	21.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	252671	21.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	270799	19.65	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	138417	23.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	162038	24.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	301133	22.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	166048	9.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1075782	23.29	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1295940	24.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	148754	17.06	ng/ul	0.00
57) Fluorene-d10	15.42	176	966448	24.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	176242	19.87	ng/ul	0.00
70) Anthracene-d10	17.27	188	1604360	24.35	ng/ul	0.00
76) Pyrene-d10	19.56	212	2062386	26.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	2046234	23.80	ng/ul	0.00

Target Compounds

						Qvalue
4) Benzaldehyde	6.95	77	10161	1.13	ng/ul	90
28) Naphthalene	10.63	128	195003	4.99	ng/ul	99
34) 2-Methylnaphthalene	12.24	142	110516	3.45	ng/ul	98
40) 1,1'-Biphenyl	13.26	154	47408	1.14	ng/ul	96
44) Dimethylphthalate	13.88	163	995368	21.63	ng/ul	99
47) Acenaphthylene	14.14	152	69024	1.25	ng/ul	97
53) Dibenzofuran	14.82	168	247411	4.61	ng/ul	95
69) Phenanthrene	17.21	178	897557	11.85	ng/ul	100
71) Anthracene	17.30	178	248237	3.18	ng/ul	99
72) Carbazole	17.57	167	137958	2.03	ng/ul#	95
74) Fluoranthene	19.23	202	1494230	15.73	ng/ul	97
77) Pyrene	19.59	202	964897	9.53	ng/ul	97
80) Benzo(a)anthracene	21.33	228	601442m	5.40	ng/ul	
82) Chrysene	21.39	228	1382756m	13.72	ng/ul	
85) Benzo(b)fluoranthene	22.94	252	1850217	16.76	ng/ul	100
86) Benzo(k)fluoranthene	22.98	252	478464m	4.69	ng/ul	
88) Benzo(a)pyrene	23.52	252	275667	2.61	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	25.90	276	336407	2.60	ng/ul	96
90) Dibenzo(a,h)anthracene	25.91	278	116508	1.08	ng/ul#	84
91) Benzo(g,h,i)perylene	26.61	276	220832	2.01	ng/ul	98

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