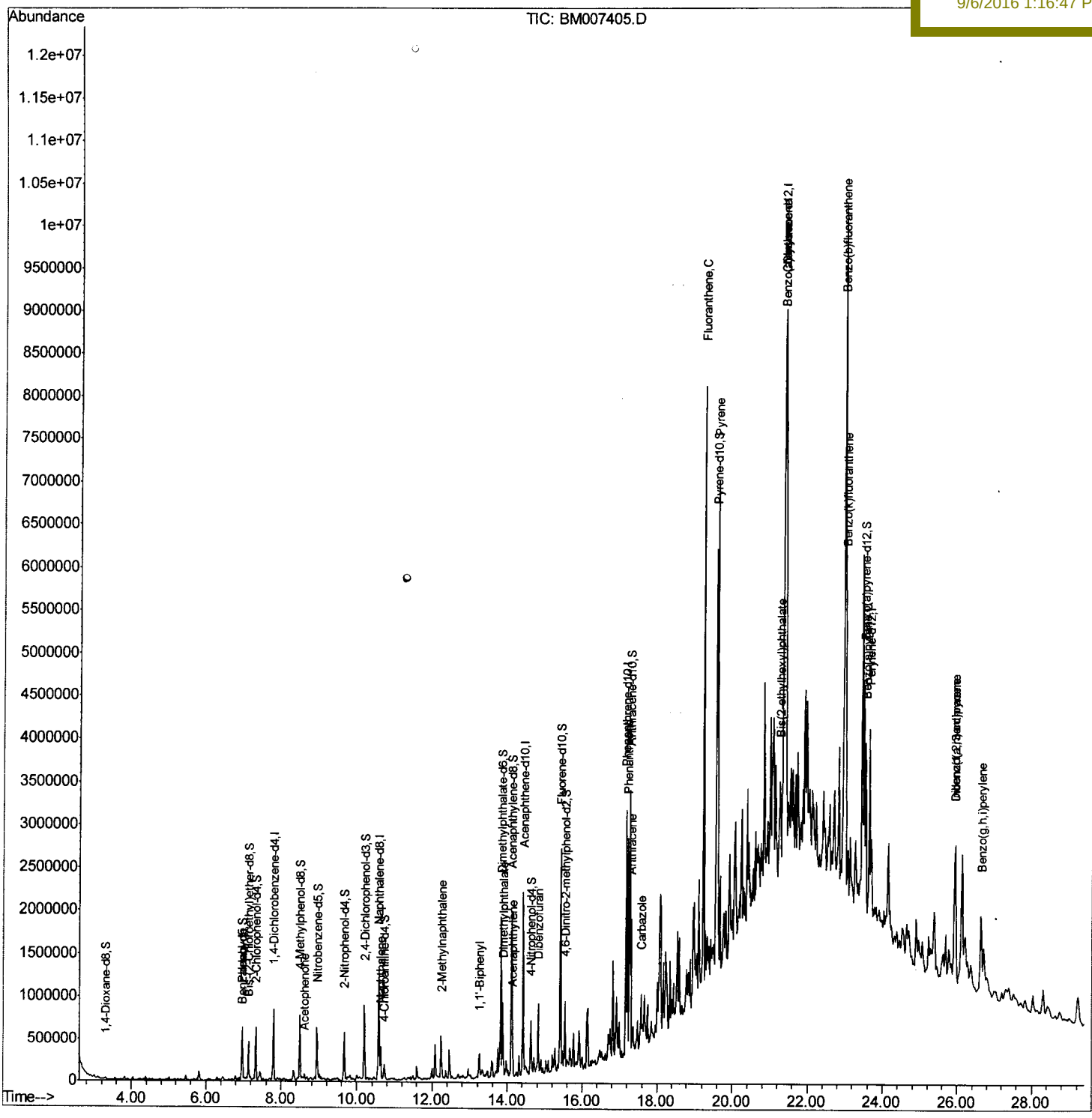
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM090316\
Data File : BM007405.D
Acq On : 03 Sep 2016 13:46
Operator : UM/SJ
Sample : H4639-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Sep 06 09:01:58 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

Instrument :
BNA_M
ClientSampleId :
BD387

Manual Integrations APPROVED
sohil
9/6/2016 1:16:47 PM



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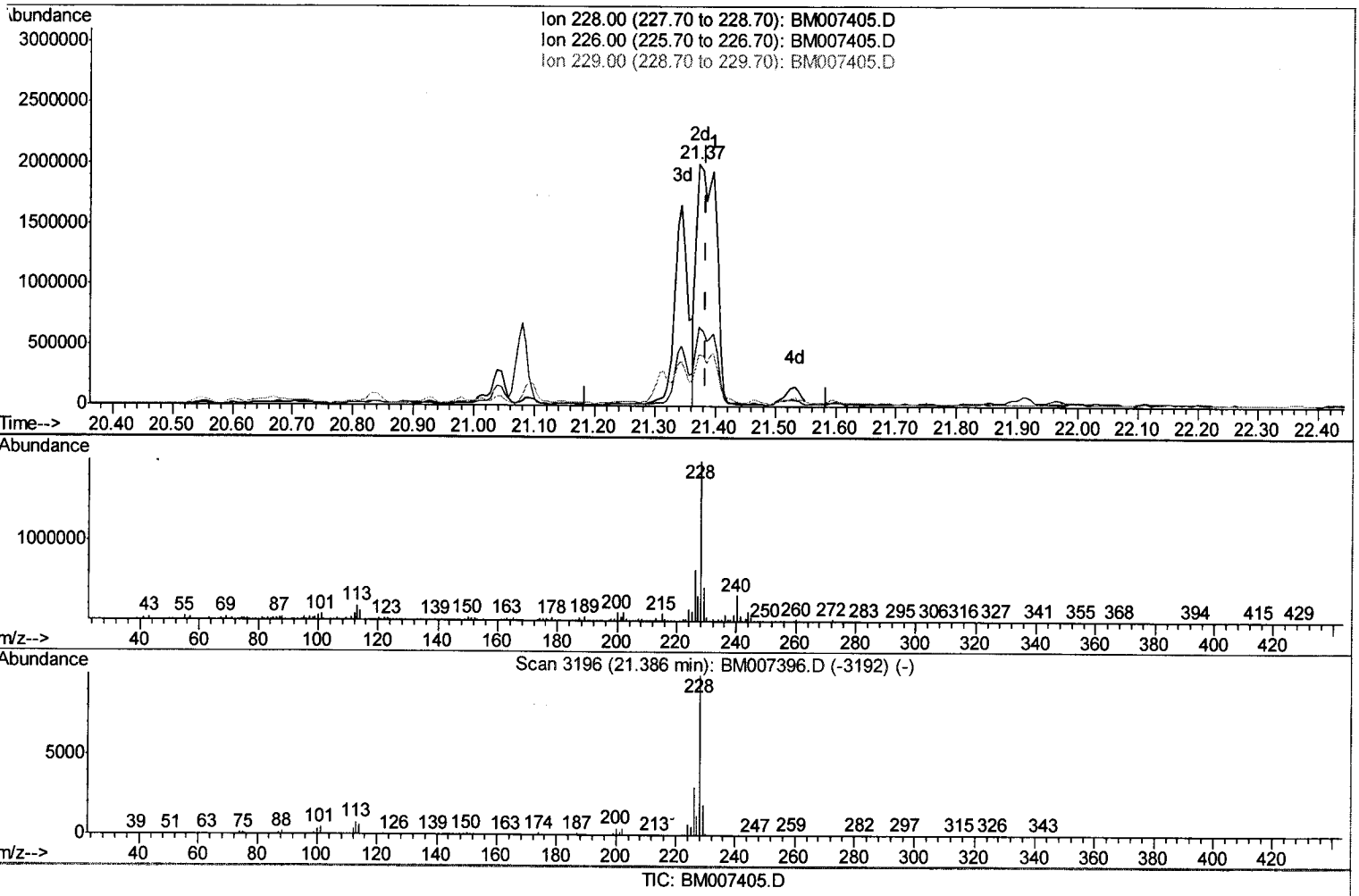

TIC: BM007405.D

(82) Chrysene

21.374min (-0.012) 42.15ng/ul m U.M 09|07|16

response 4505133

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	32.51
229.00	19.40	21.24
0.00	0.00	0.00

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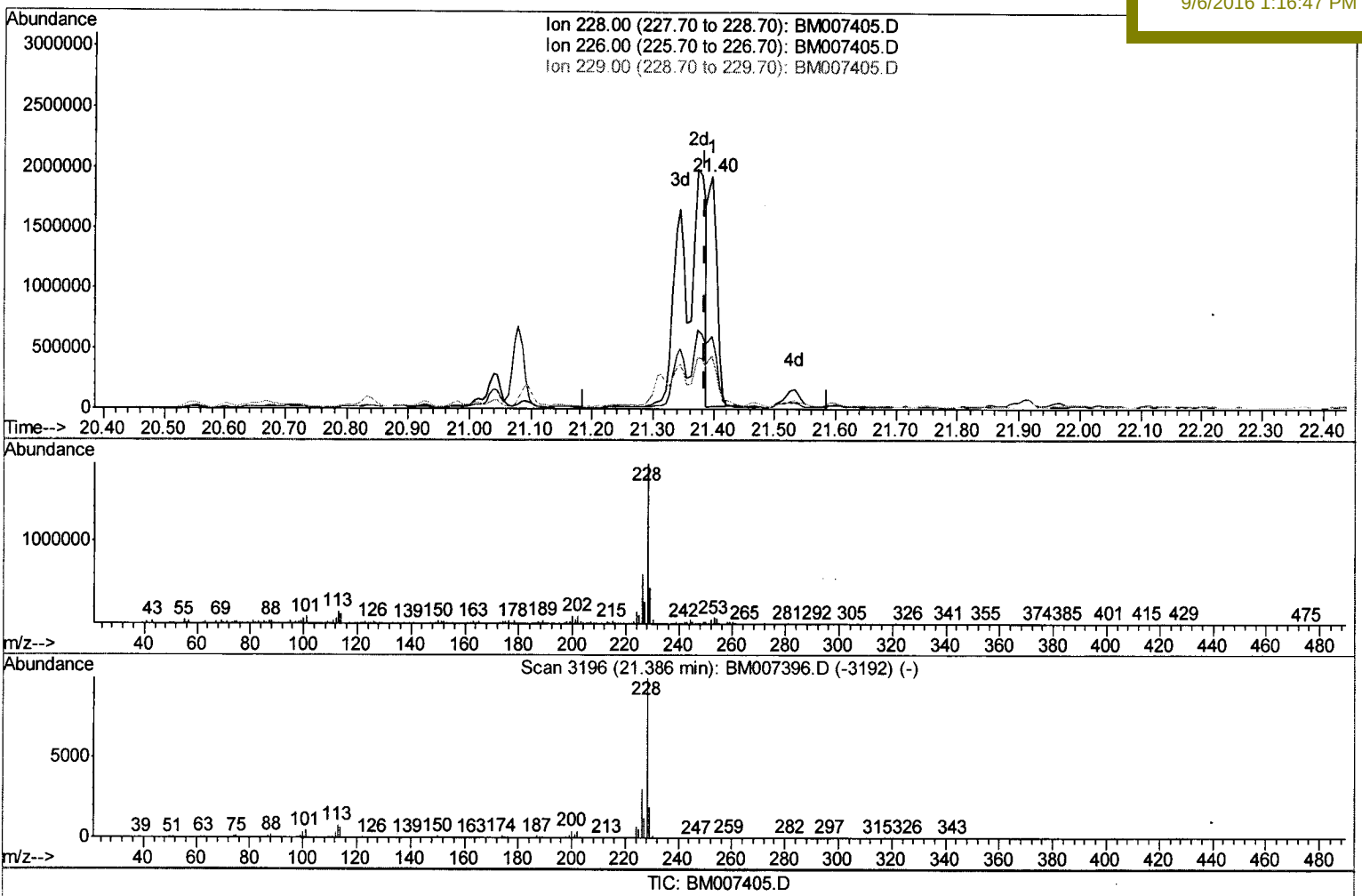

TIC: BM007405.D

(82) Chrysene

21.397min (+0.012) 18.28ng/ul

response 1953538

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	31.18
229.00	19.40	22.63
0.00	0.00	0.00

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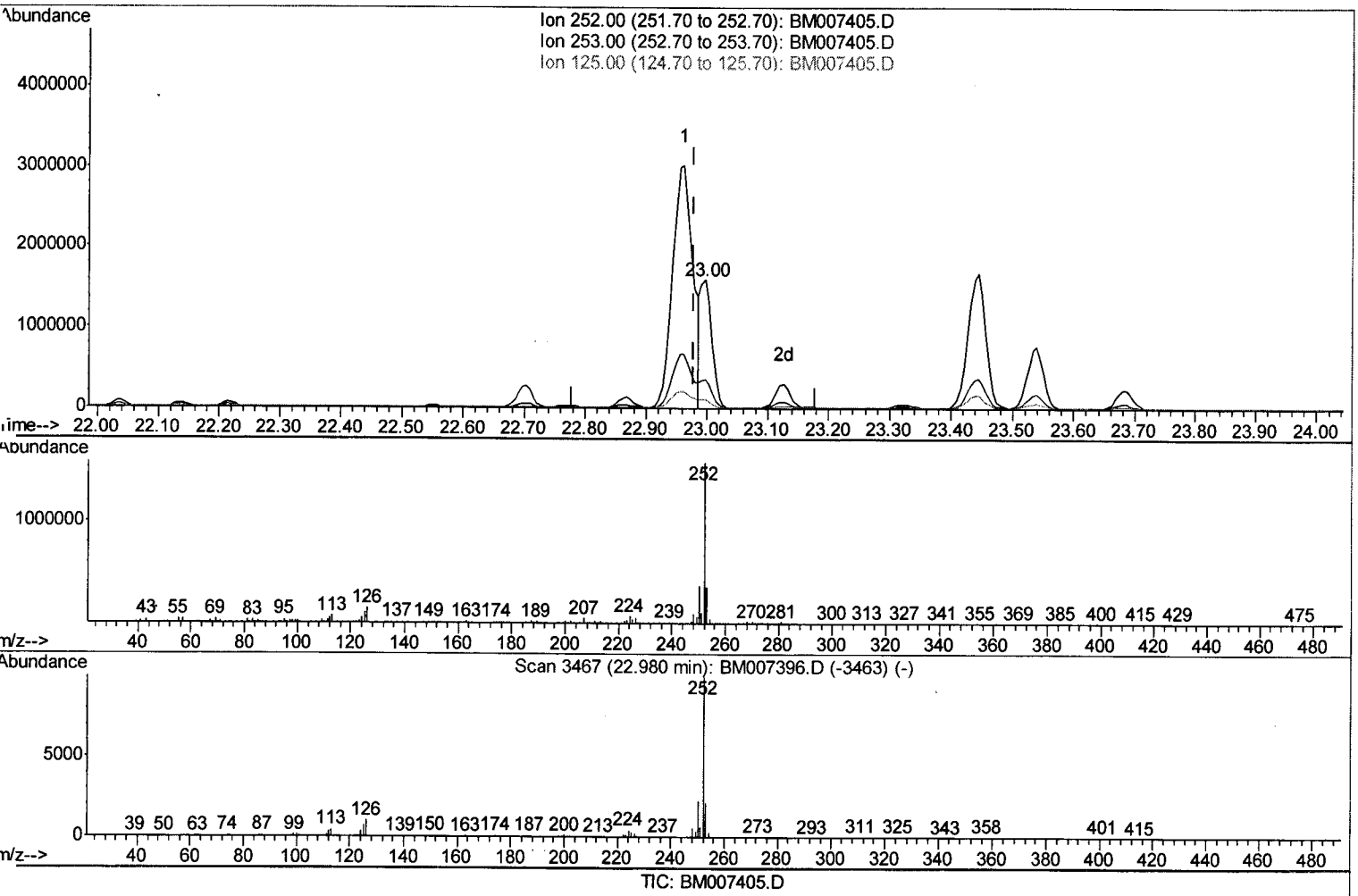

TIC: BM007405.D

(86) Benzo(k)fluoranthene

22.997min (+0.018) 21.22ng/ul m U.M 09/07/16

response 2046354

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	22.81
125.00	7.10	6.97
0.00	0.00	0.00

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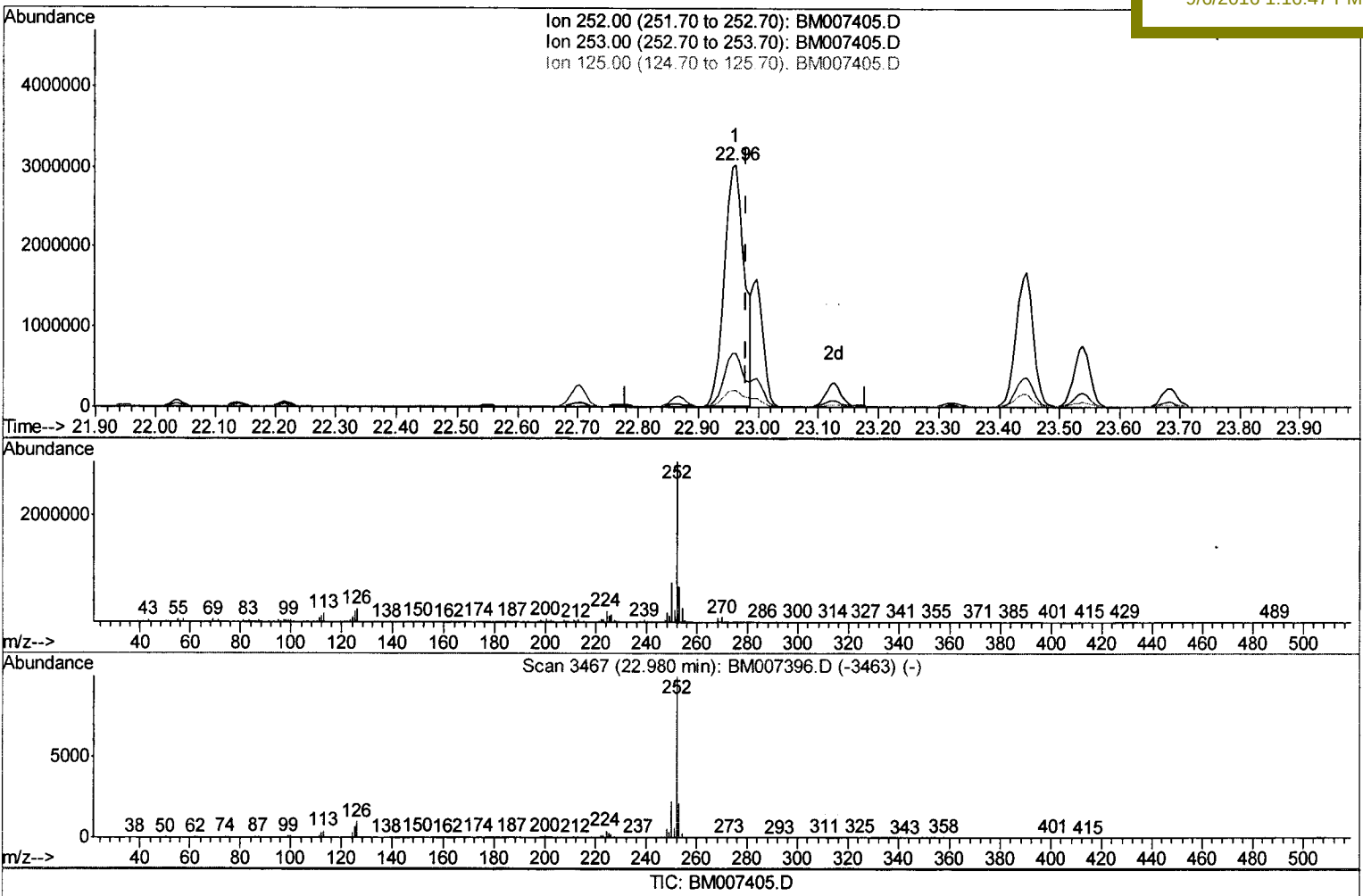

TIC: BM007405.D

(86) Benzo(k)fluoranthene

22.962min (-0.018) 72.04ng/ul

response 6946456

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	22.23
125.00	7.10	6.97
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	223634	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	1043442	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	691873	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1724441	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2001814	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1764485	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	12486	2.85	ng/uL	0.00
5) Phenol-d5	6.96	99	343621	16.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	187365	16.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	267932	17.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	291046	15.80	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	143829	18.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	171312	19.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	321344	18.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	81792	3.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1134279	19.00	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1364695	19.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	131827	11.70	ng/ul	0.00
57) Fluorene-d10	15.42	176	1027744	19.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	184272	16.99	ng/ul	0.00
70) Anthracene-d10	17.27	188	1678131	20.83	ng/ul	0.00
76) Pyrene-d10	19.56	212	1993053	23.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1632097	20.08	ng/ul	0.02
Target Compounds						Qvalue
4) Benzaldehyde	6.95	77	17049	1.42	ng/ul	87
14) Acetophenone	8.61	105	35792	1.27	ng/ul#	92
28) Naphthalene	10.63	128	288505	5.56	ng/ul	99
34) 2-Methylnaphthalene	12.24	142	221367	5.21	ng/ul	99
40) 1,1'-Biphenyl	13.26	154	74091	1.38	ng/ul	97
44) Dimethylphthalate	13.88	163	489713	8.24	ng/ul	99
47) Acenaphthylene	14.14	152	291070	4.09	ng/ul	99
53) Dibenzofuran	14.82	168	423394	6.11	ng/ul	96
69) Phenanthrene	17.22	178	1605819	17.35	ng/ul	100
71) Anthracene	17.30	178	953237	9.97	ng/ul	100
72) Carbazole	17.57	167	316166	3.81	ng/ul	98
74) Fluoranthene	19.23	202	3991925	34.36	ng/ul	97
77) Pyrene	19.60	202	3496963	32.56	ng/ul	96
80) Benzo(a)anthracene	21.34	228	2361994	20.02	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.26	149	114377	1.76	ng/ul#	95
82) Chrysene	21.37	228	4505133m	42.15	ng/ul	
85) Benzo(b)fluoranthene	22.96	252	6946456	66.58	ng/ul	98
86) Benzo(k)fluoranthene	23.00	252	2046354m	21.22	ng/ul	
88) Benzo(a)pyrene	23.54	252	1400826	14.03	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.93	276	1463757	11.95	ng/ul	96
90) Dibenzo(a,h)anthracene	25.93	278	522101	5.12	ng/ul#	91
91) Benzo(g,h,i)perylene	26.63	276	1145377	11.01	ng/ul	98

U.M 09/07/16

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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