

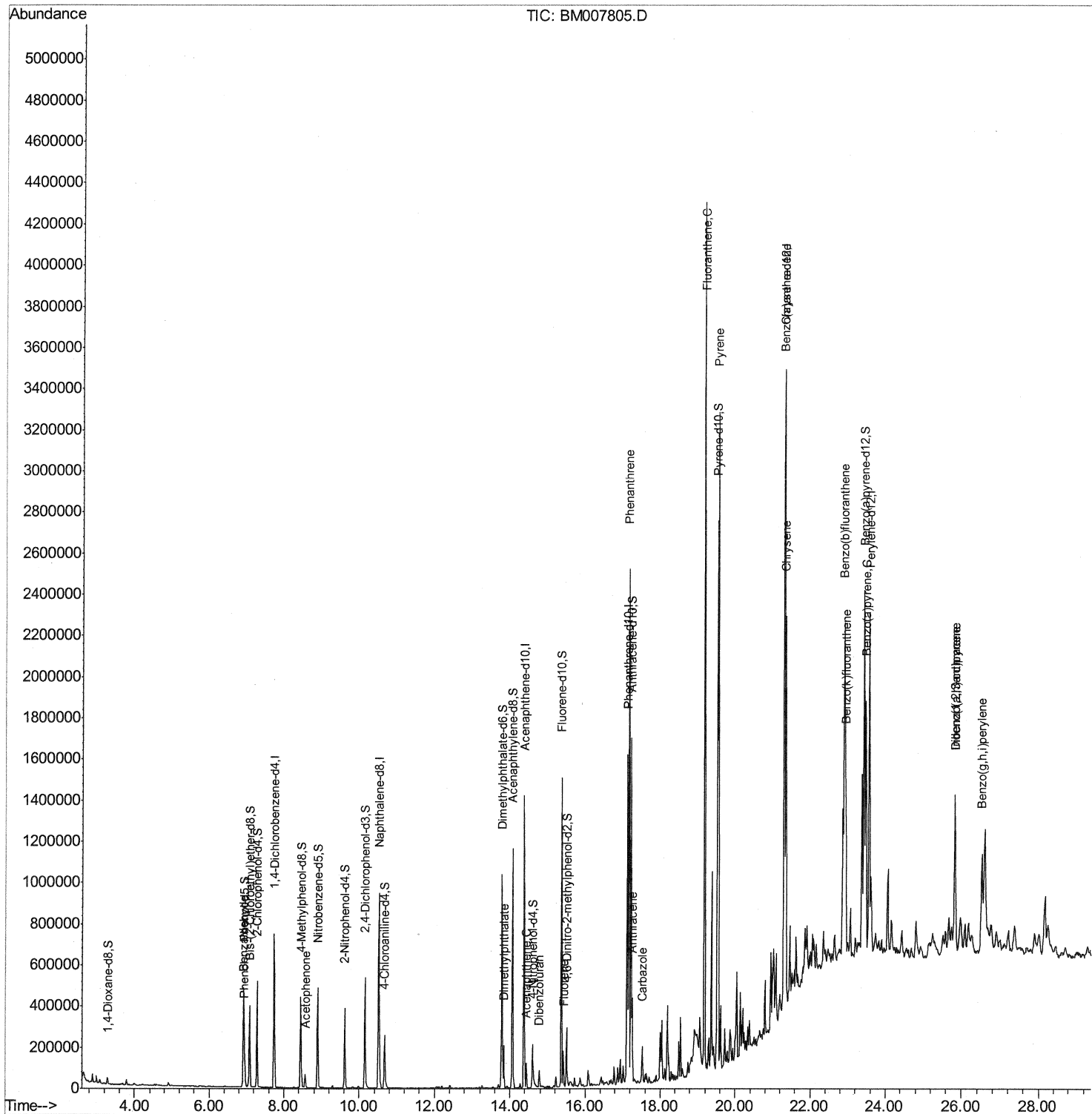
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110916\
Data File : BM007805.D
Acq On : 09 Nov 2016 19:54
Operator : UM/SJ
Sample : H5554-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E5N90

Manual Integrations
APPROVED

umangi
11/10/2016 8:42:34 AM

Quant Time: Nov 10 00:00:59 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 09 23:34:58 2016
Response via : Initial Calibration



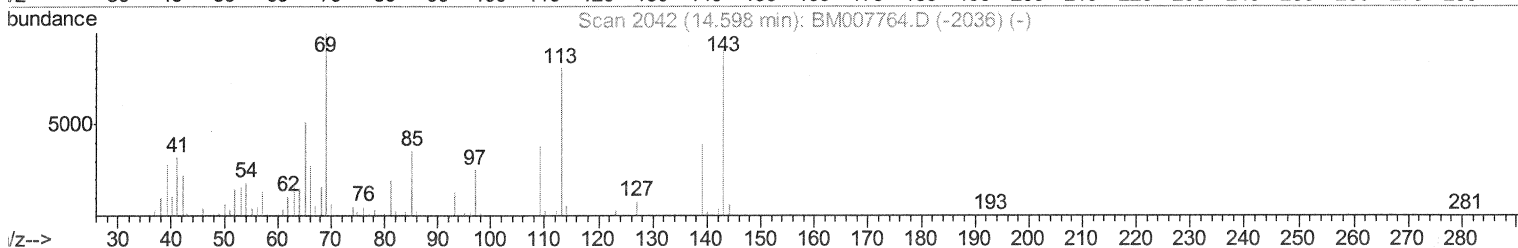
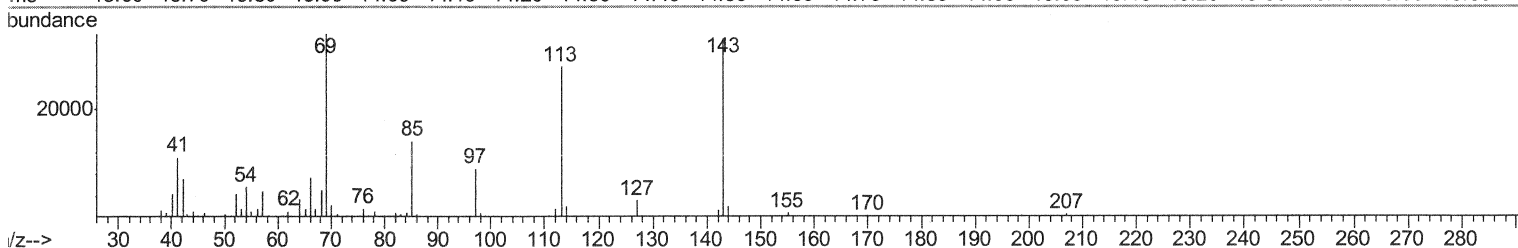
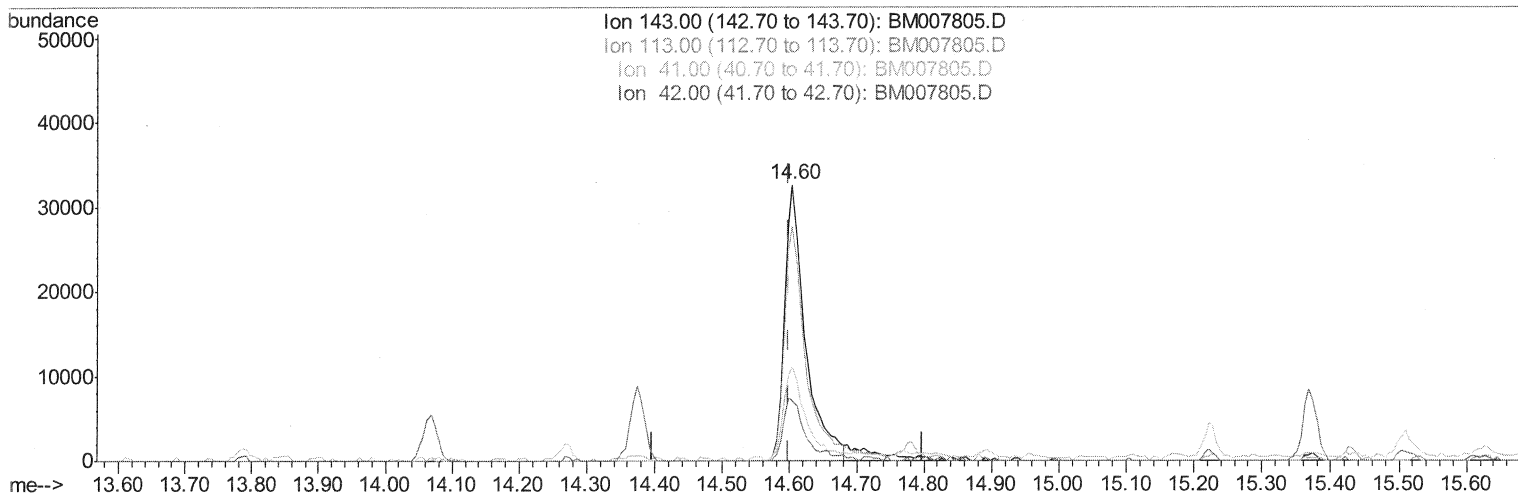
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TIC: BM007805.D

(51) 4-Nitrophenol-d4 (S)

14.604min (+0.006) 13.61ng/ul

response 70339

Ion	Exp%	Act%
143.00	100	100
113.00	93.70	84.79
41.00	36.40	33.97
42.00	22.60	21.65

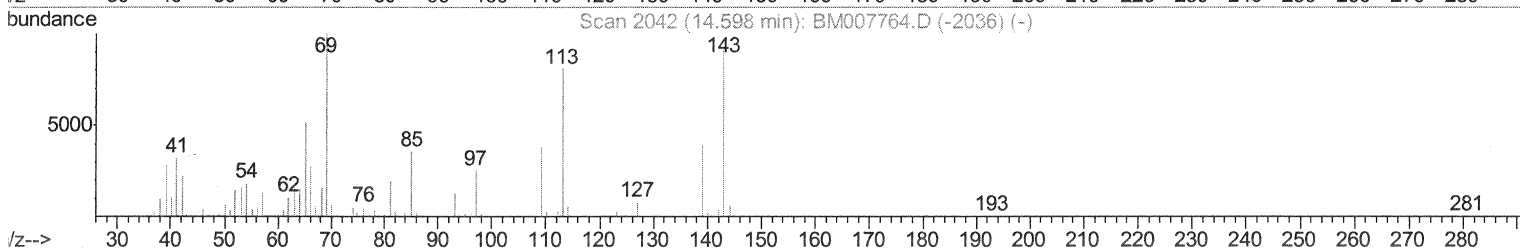
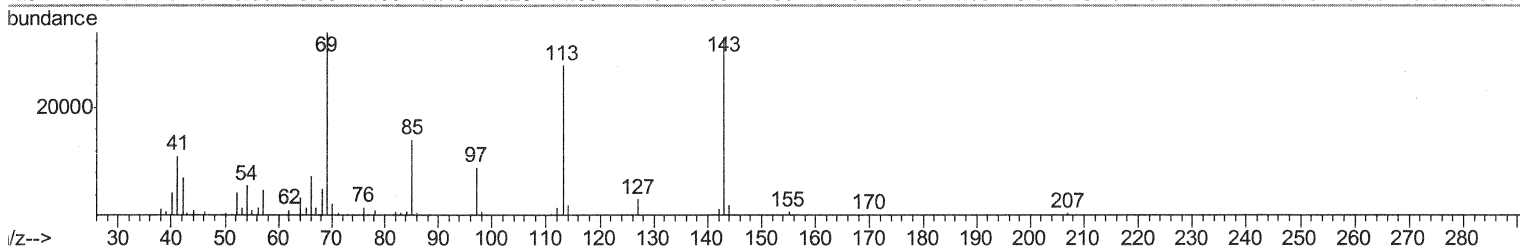
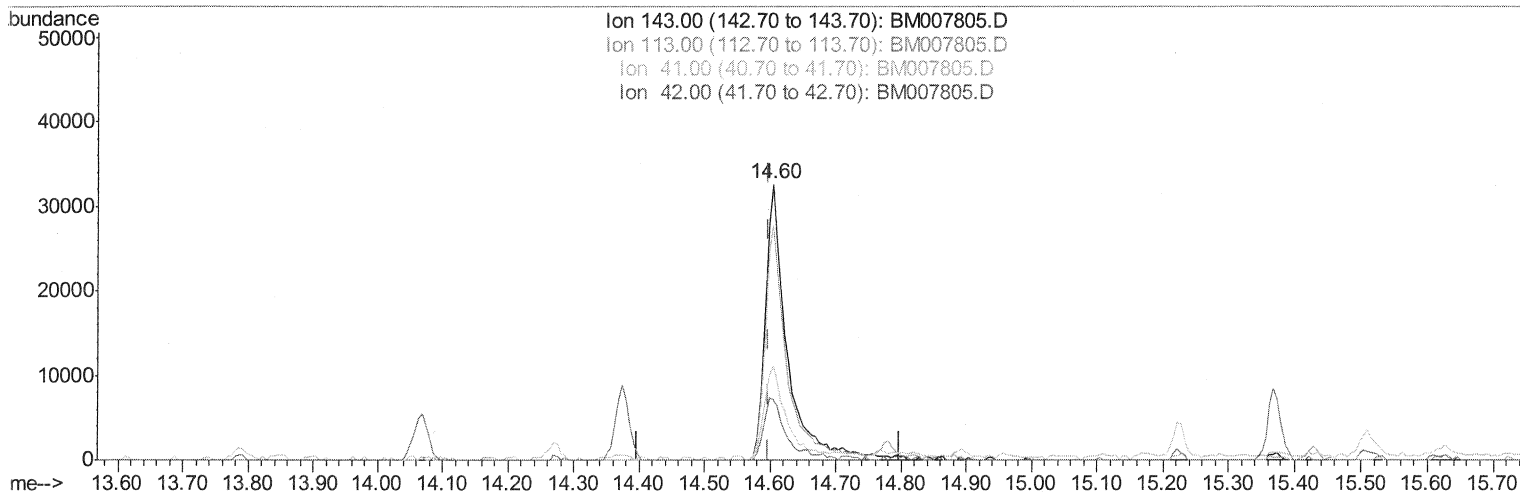
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(51) 4-Nitrophenol-d4 (S)

14.604min (+0.006) 14.48ng/ul m

51 11/11/16

response 74809

Ion	Exp%	Act%
143.00	100	100
113.00	93.70	84.79
41.00	36.40	33.97
42.00	22.60	21.65

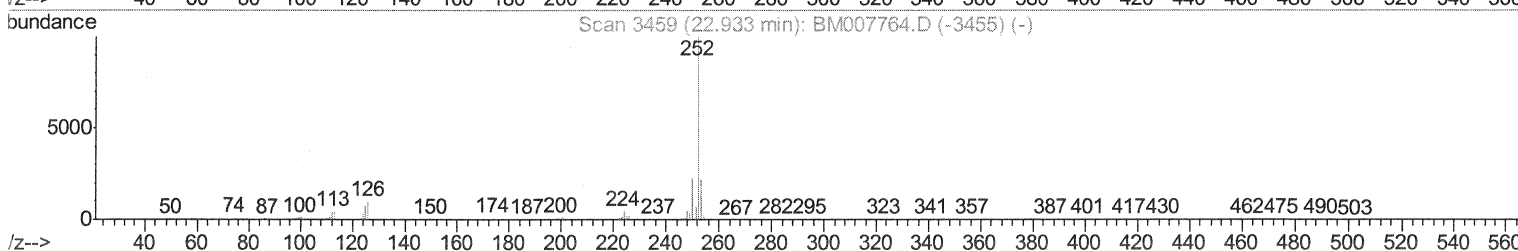
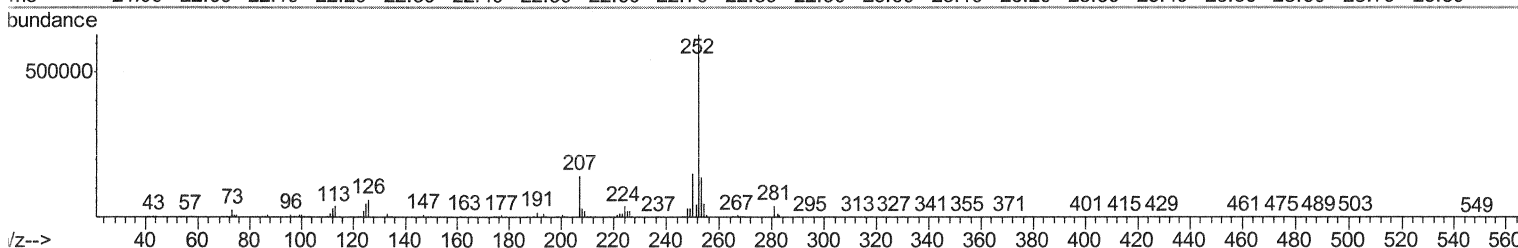
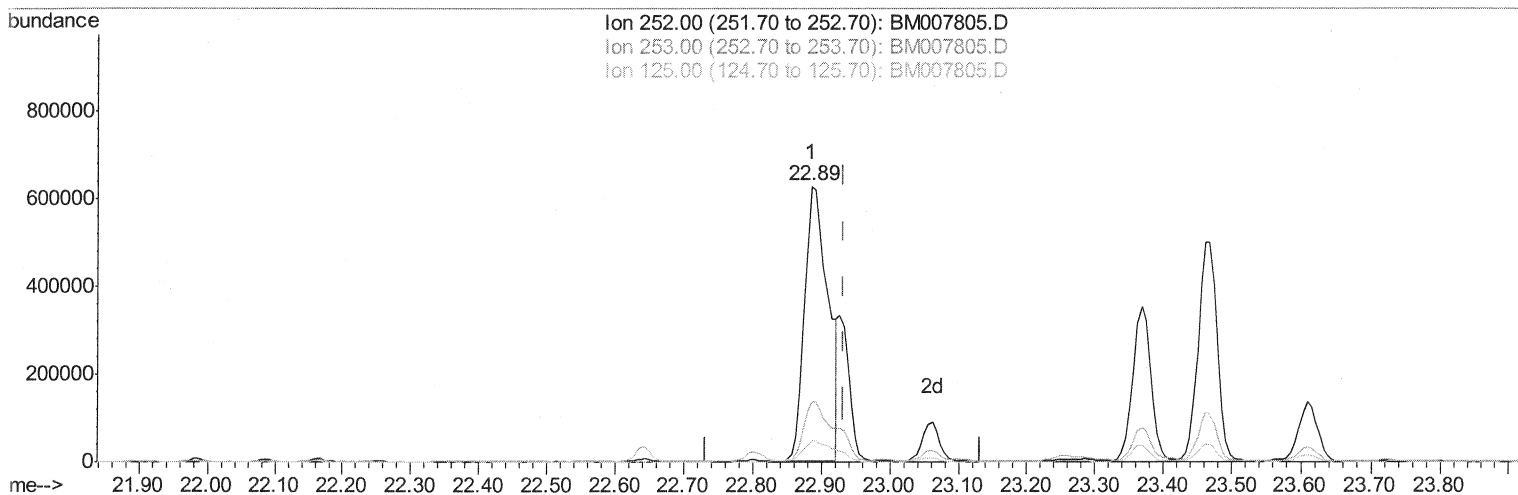
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TIC: BM007805.D

(86) Benzo(k)fluoranthene

22.885min (-0.047) 23.83ng/ui

response 1512853

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	22.01
125.00	7.10	7.64
0.00	0.00	0.00

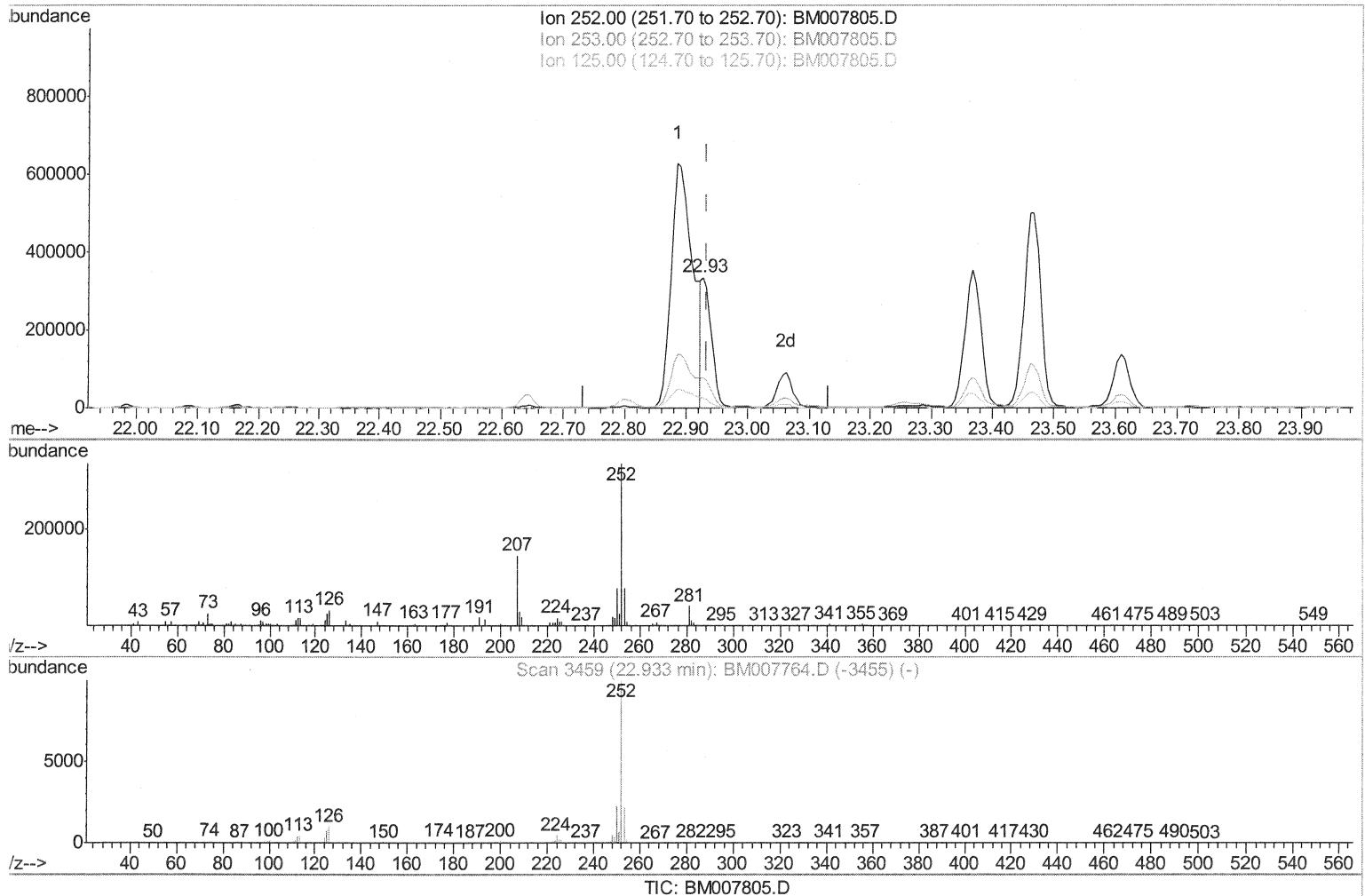
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(86) Benzo(k)fluoranthene

22.927min (-0.006) 6.05ng/ul m

SJ 11/11/16

response 384339

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	23.11
125.00	7.10	7.57
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	7.74	152	205458	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	769688	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	479937	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	930945	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	1167557	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1207740	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	16395	3.42	ng/uL	0.00
5) Phenol-d5	6.92	99	282515	17.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	177178	18.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	231535	19.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	175879	14.17	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	112828	20.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	123681	21.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	218490	18.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	159591	12.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	683998	20.93	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	817346	20.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	74809m	14.48	ng/ul	0.00
57) Fluorene-d10	15.37	176	593866	20.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	67567	12.22	ng/ul	0.00
70) Anthracene-d10	17.22	188	912402	21.75	ng/ul	0.00
76) Pyrene-d10	19.52	212	1095606	22.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.42	264	1208489	22.92	ng/ul	0.00

Target Compounds

						Qvalue
4) Benzaldehyde	6.90	77	15923	1.59	ng/ul	97
6) Phenol	6.95	94	80341	4.94	ng/ul	98
14) Acetophenone	8.57	105	39215	2.02	ng/ul	97
44) Dimethylphthalate	13.84	163	133988	4.22	ng/ul	98
49) Acenaphthene	14.44	153	49348	1.79	ng/ul	97
53) Dibenzofuran	14.78	168	45095	1.14	ng/ul	100
58) Fluorene	15.43	166	71548	2.27	ng/ul	97
69) Phenanthrene	17.17	178	1482351	29.96	ng/ul	99
71) Anthracene	17.26	178	237968	4.72	ng/ul	98
72) Carbazole	17.53	167	108788	2.49	ng/ul	98
74) Fluoranthene	19.19	202	2548227	44.04	ng/ul	100
77) Pyrene	19.55	202	2037586	33.78	ng/ul	99
80) Benzo(a)anthracene	21.30	228	1002452	16.06	ng/ul	99
82) Chrysene	21.34	228	1069003	17.83	ng/ul	97
85) Benzo(b)fluoranthene	22.89	252	1512853	21.93	ng/ul	99
86) Benzo(k)fluoranthene	22.93	252	384339m	6.05	ng/ul	
88) Benzo(a)pyrene	23.47	252	948084	14.59	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.83	276	697928	8.96	ng/ul	97
90) Dibenzo(a,h)anthracene	25.83	278	171286	2.61	ng/ul#	89
91) Benzo(g,h,i)perylene	26.53	276	586558	8.97	ng/ul	98

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