

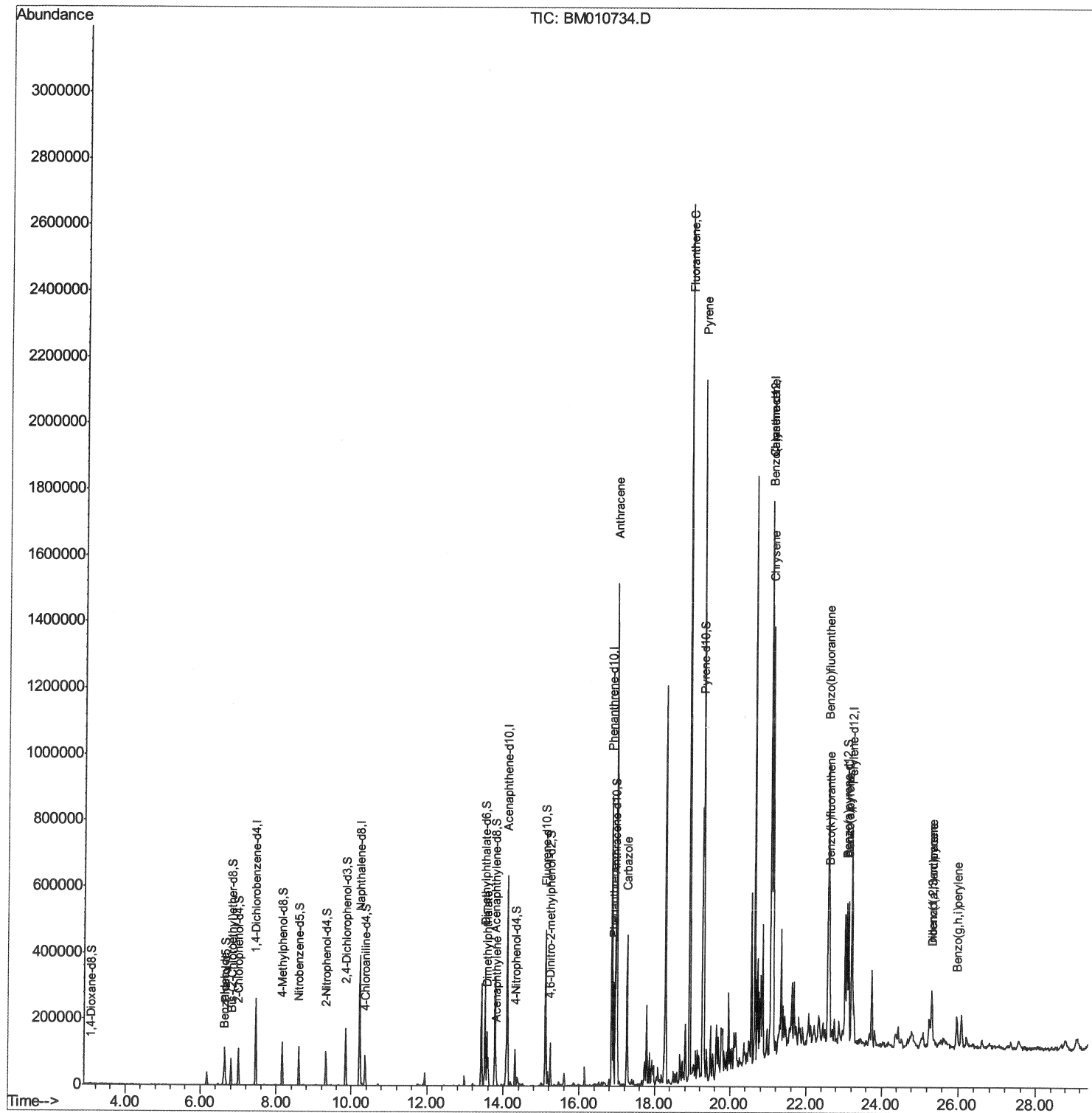
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010734.D
Acq On : 24 Jun 2017 17:39
Operator : SJ/JU
Sample : I3627-10DL 2X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5A93DL

Manual Integrations
APPROVED

mohammad
6/28/2017 7:41:58 AM

Quant Time: Jun 26 07:56:08 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 04:54:47 2017
Response via : Initial Calibration



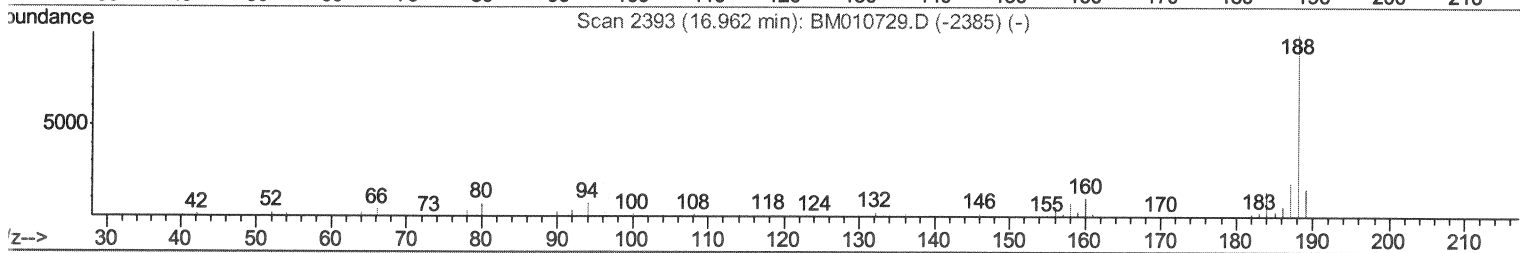
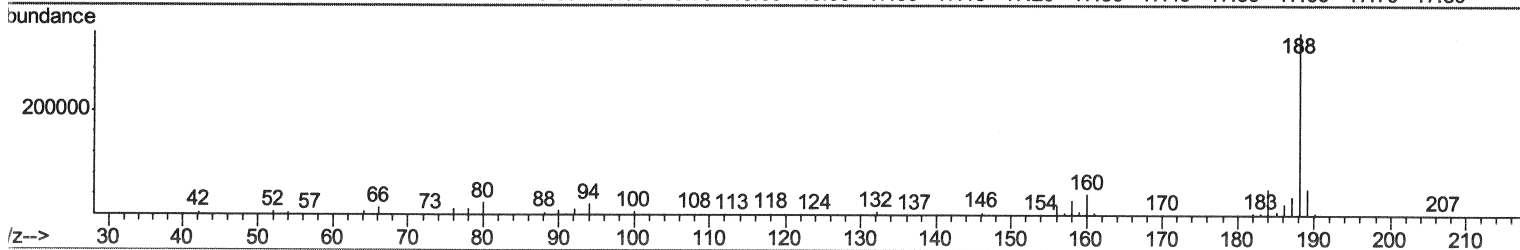
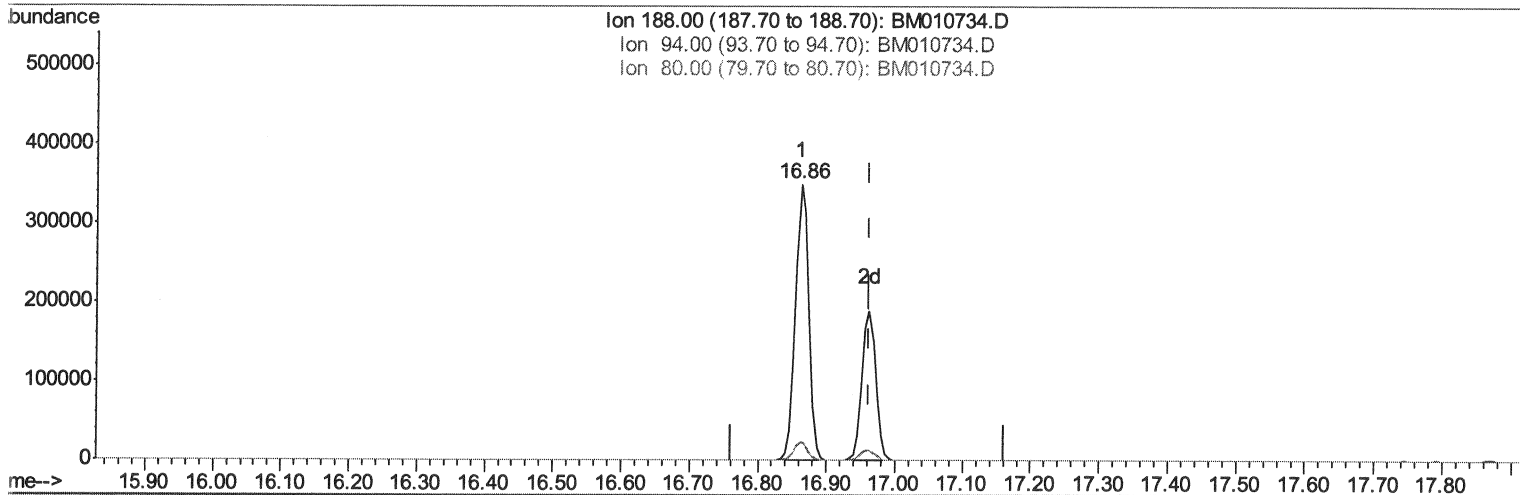
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(70) Anthracene-d10 (S)

16.862min (-0.100) 20.71ng/ul

response 478875

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	6.22
80.00	5.90	6.81
0.00	0.00	0.00

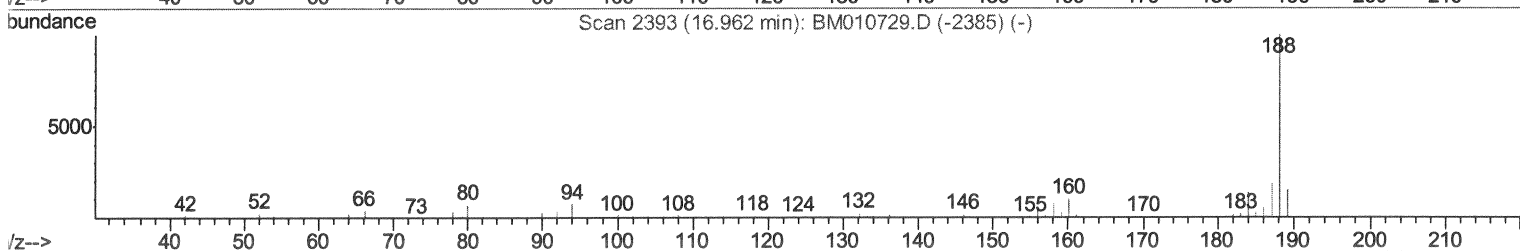
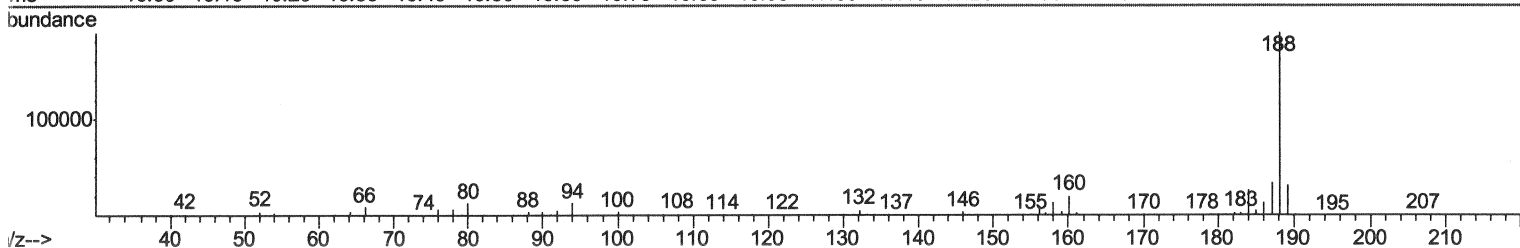
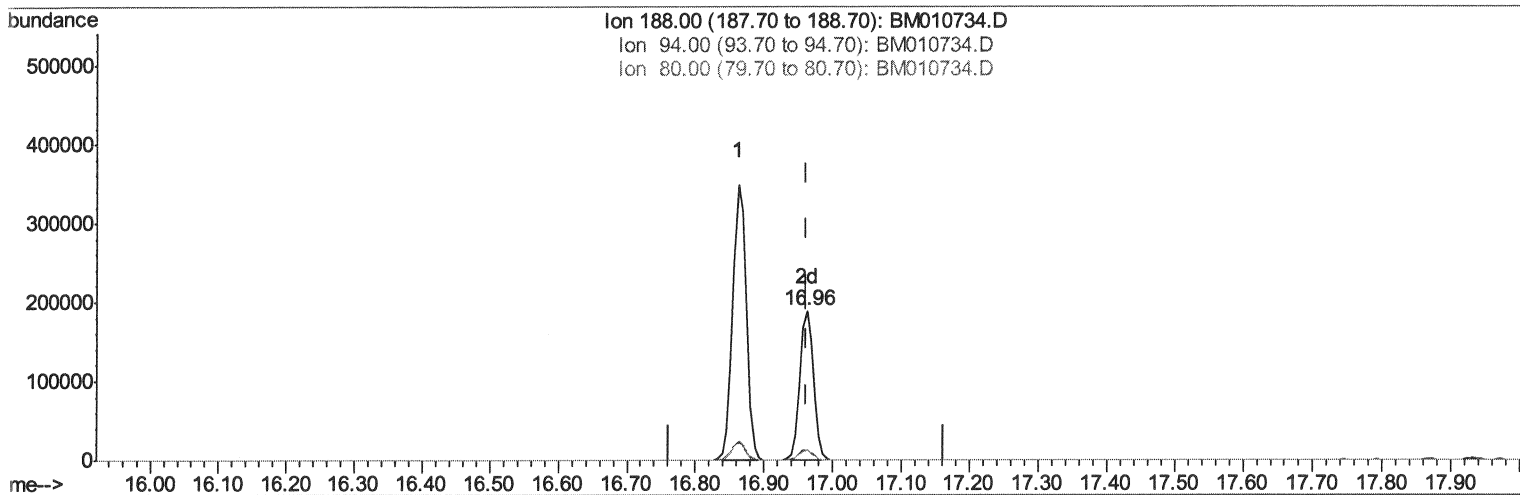
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TIC: BM010734.D

(70) Anthracene-d10 (S)

16.962min (-0.000) 11.47ng/ul m

response 265211

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	6.86#
80.00	5.90	6.93
0.00	0.00	0.00

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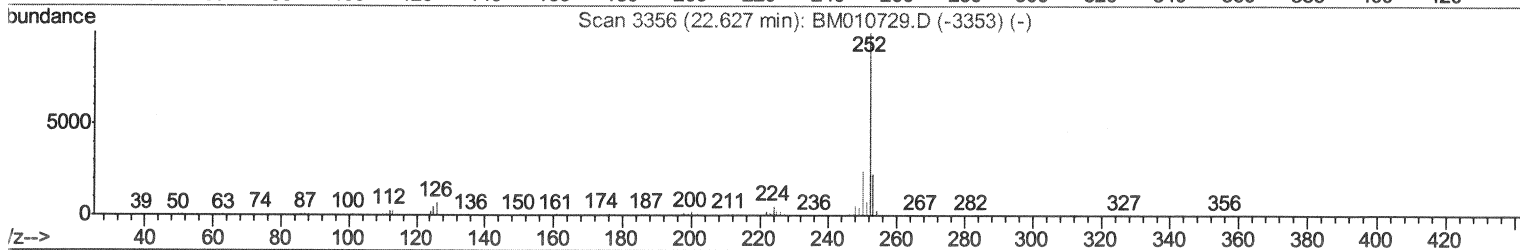
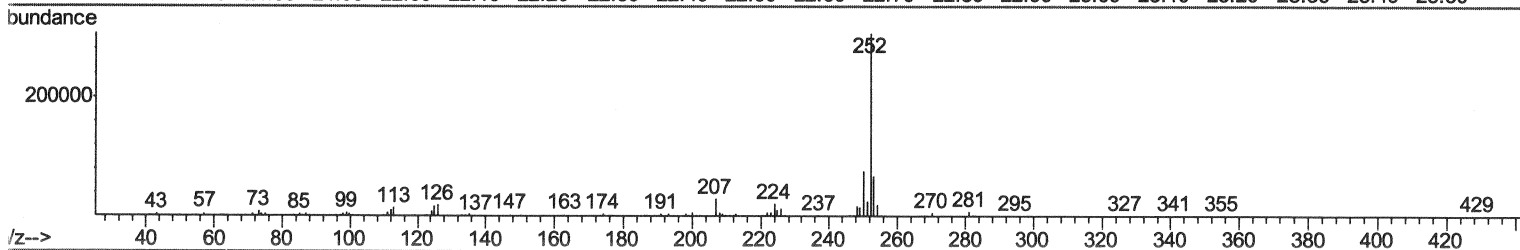
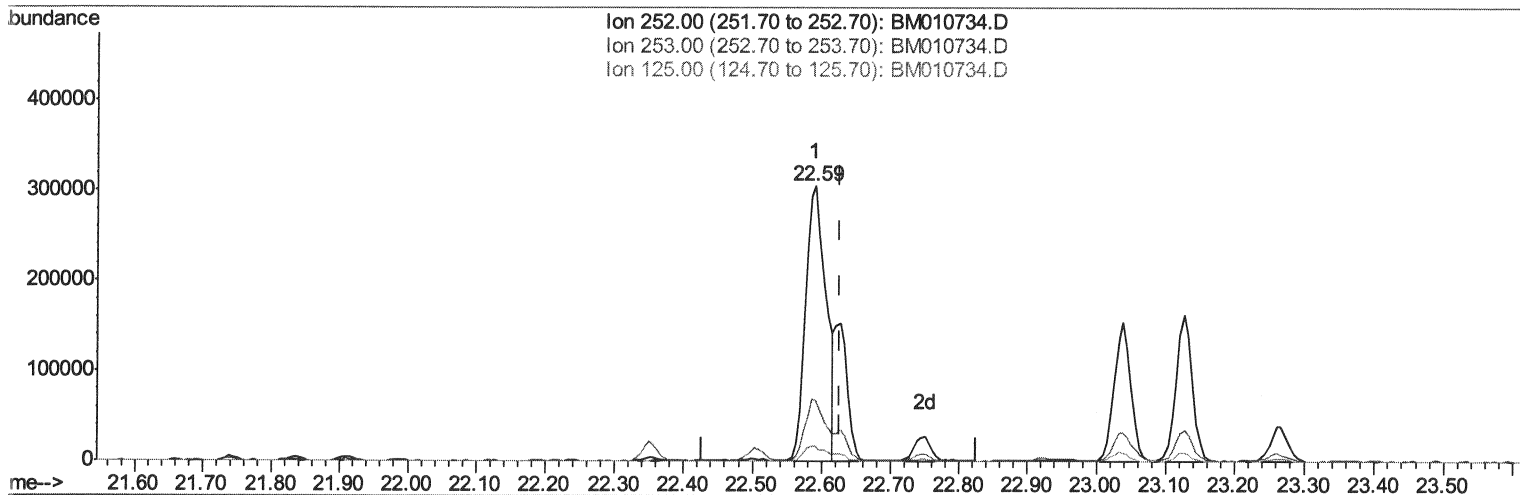
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TIC: BM010734.D

(86) Benzo(k)fluoranthene

22.591min (-0.035) 23.22ng/ul

response 634683

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.76
125.00	4.30	5.64#
0.00	0.00	0.00

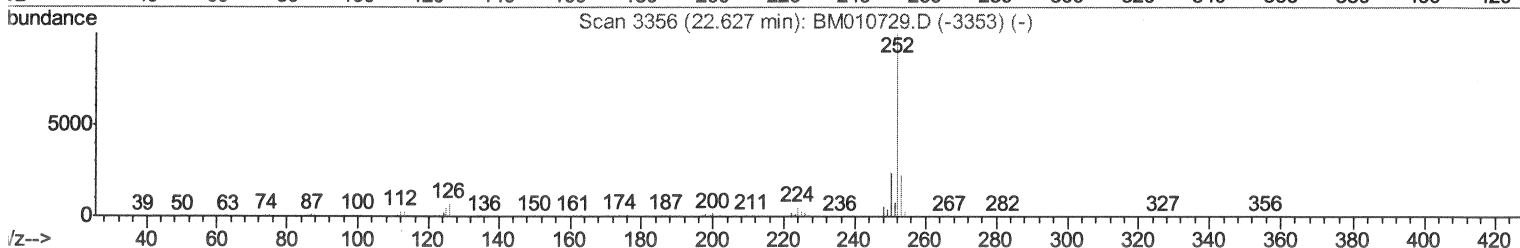
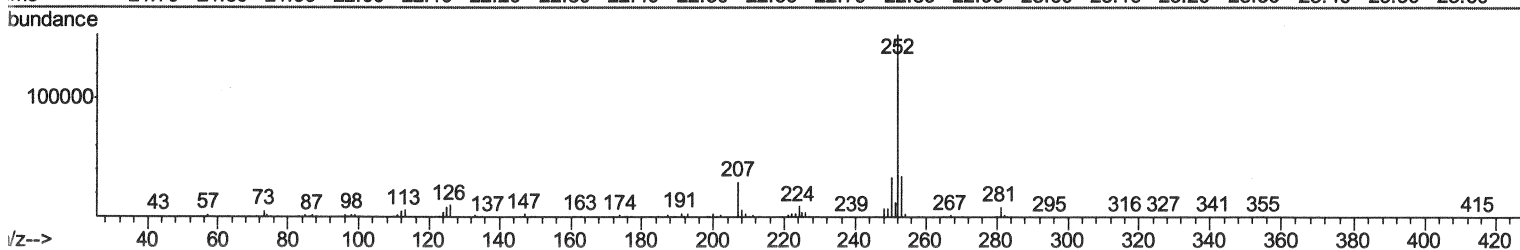
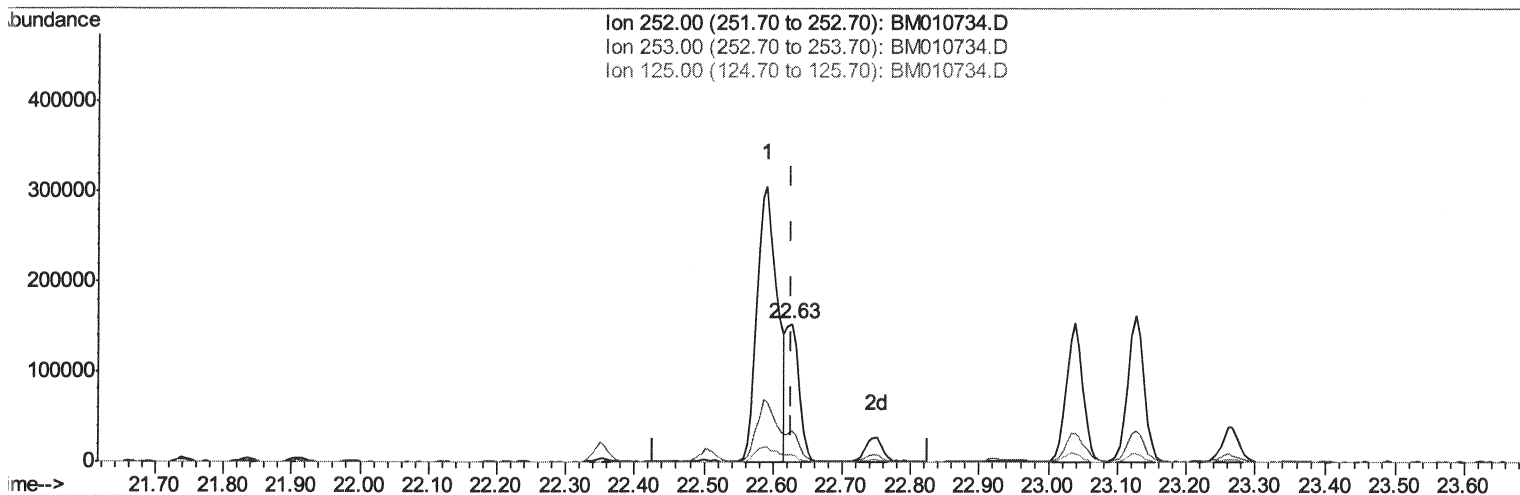
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Manual Integrations
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TIC: BM010734.D

(86) Benzo(k)fluoranthene

22.627min (-0.000) 7.23ng/ul m

response 197692

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Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.75
125.00	4.30	5.64#
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	7.46	152	61422	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	279945	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	191057	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	478875	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	567049	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	444158	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	1823	1.70	ng/uL	0.00
5) Phenol-d5	6.65	99	52969	9.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	32026	9.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	41183	10.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	40423	8.33	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	21668	10.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	24699	10.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	50931	10.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	39503	7.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	194508	11.60	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	218942	11.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	19312	6.54	ng/ul	0.00
57) Fluorene-d10	15.11	176	166869	11.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	24847	8.45	ng/ul	0.00
70) Anthracene-d10	16.96	188	265211m	11.47	ng/ul	0.00
76) Pyrene-d10	19.27	212	329163	12.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	248590	11.58	ng/ul	0.00

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Target Compounds

						Qvalue
4) Benzaldehyde	6.62	77	10665	3.10	ng/ul	89
44) Dimethylphthalate	13.57	163	91939	5.59	ng/ul	97
47) Acenaphthylene	13.82	152	18684	1.01	ng/ul	95
69) Phenanthrene	16.90	178	172096	6.76	ng/ul	98
71) Anthracene	17.00	178	838571	31.97	ng/ul	98
72) Carbazole	17.27	167	259686	11.35	ng/ul	98
74) Fluoranthene	18.94	202	1440942	43.92	ng/ul#	98
77) Pyrene	19.30	202	1204031	36.76	ng/ul#	97
80) Benzo(a)anthracene	21.07	228	491666	14.89	ng/ul	97
82) Chrysene	21.12	228	700068	23.78	ng/ul	98
85) Benzo(b)fluoranthene	22.59	252	634683	22.01	ng/ul#	98
86) Benzo(k)fluoranthene	22.63	252	197692m	7.23	ng/ul	98
88) Benzo(a)pyrene	23.13	252	266798	10.05	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.33	276	146410	5.32	ng/ul	95
90) Dibenzo(a,h)anthracene	25.33	278	39370	1.72	ng/ul#	87
91) Benzo(g,h,i)perylene	25.97	276	102590	4.68	ng/ul#	95

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