

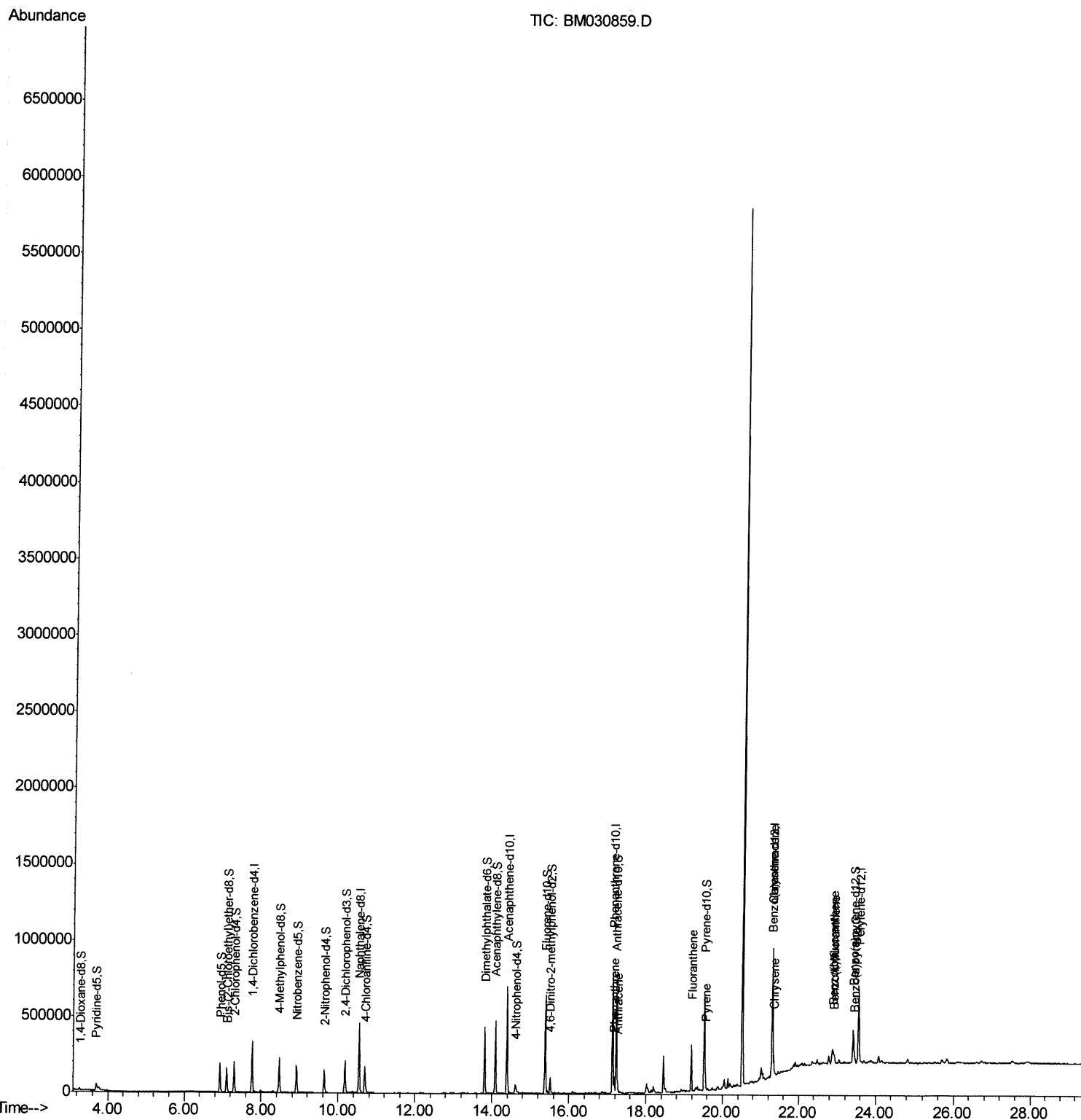
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070621\
Data File : BM030859.D
Acq On : 07 Jul 2021 16:29
Operator : CG/JU
Sample : M2854-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDW7

Quant Time: Jul 07 17:03:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 06 14:32:50 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
7/8/2021 12:38:00 PM



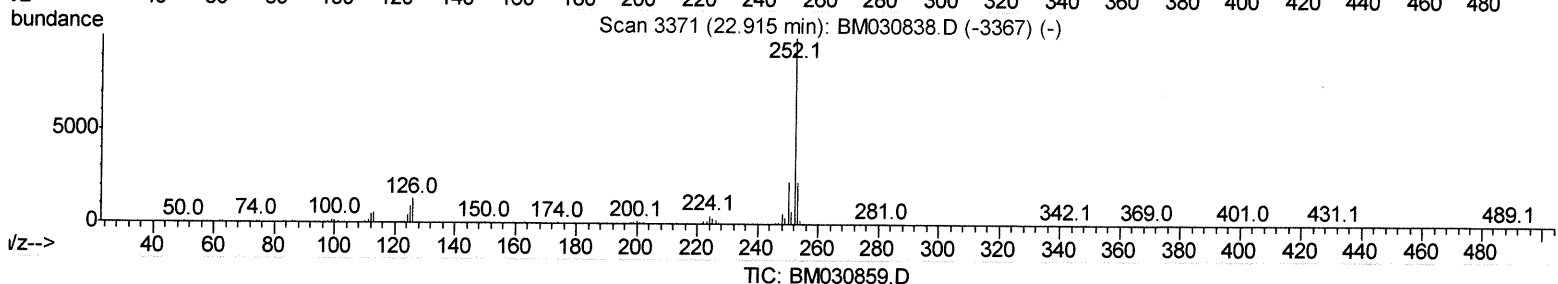
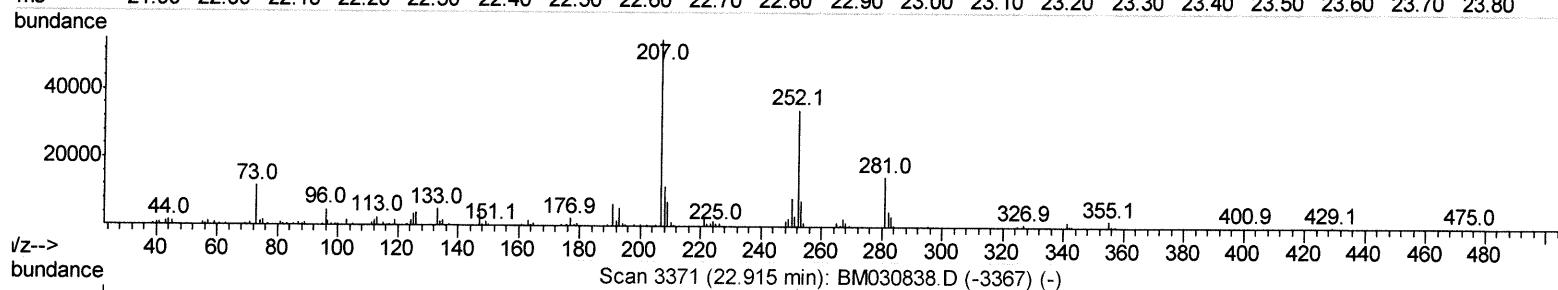
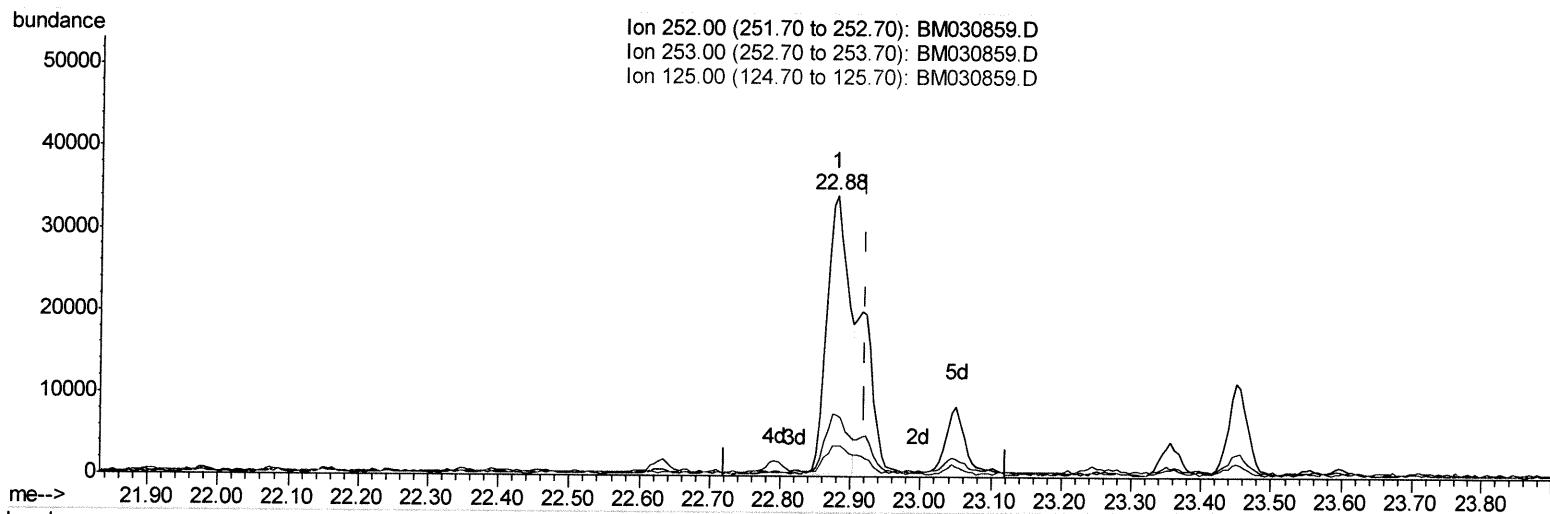
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(91) Benzo(k)fluoranthene

22.880min (-0.041) 3.69ng/ul

response 74428

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	21.89
125.00	9.20	10.83
0.00	0.00	0.00

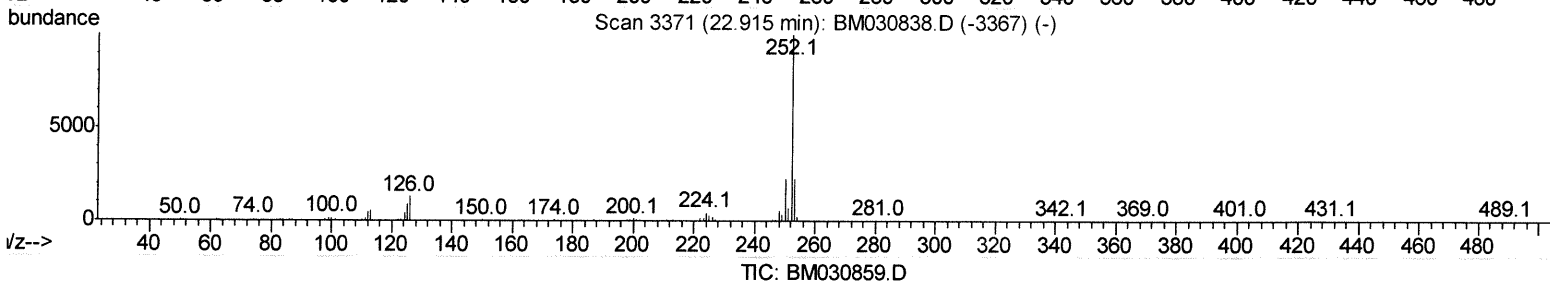
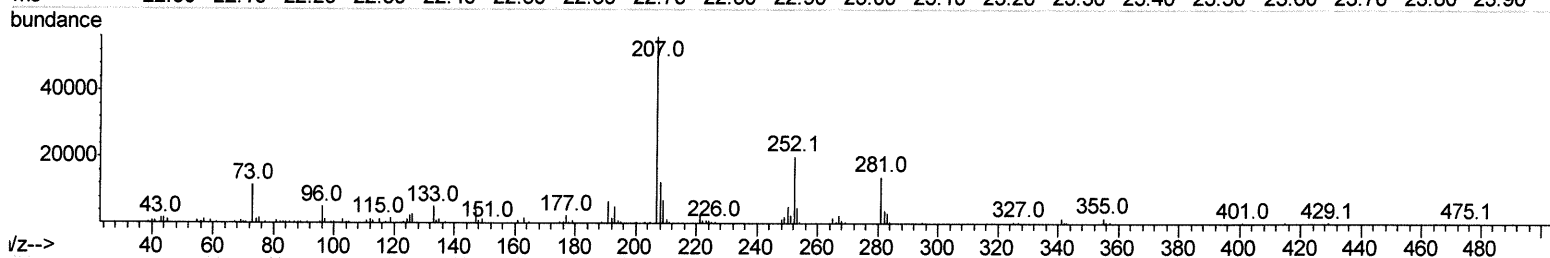
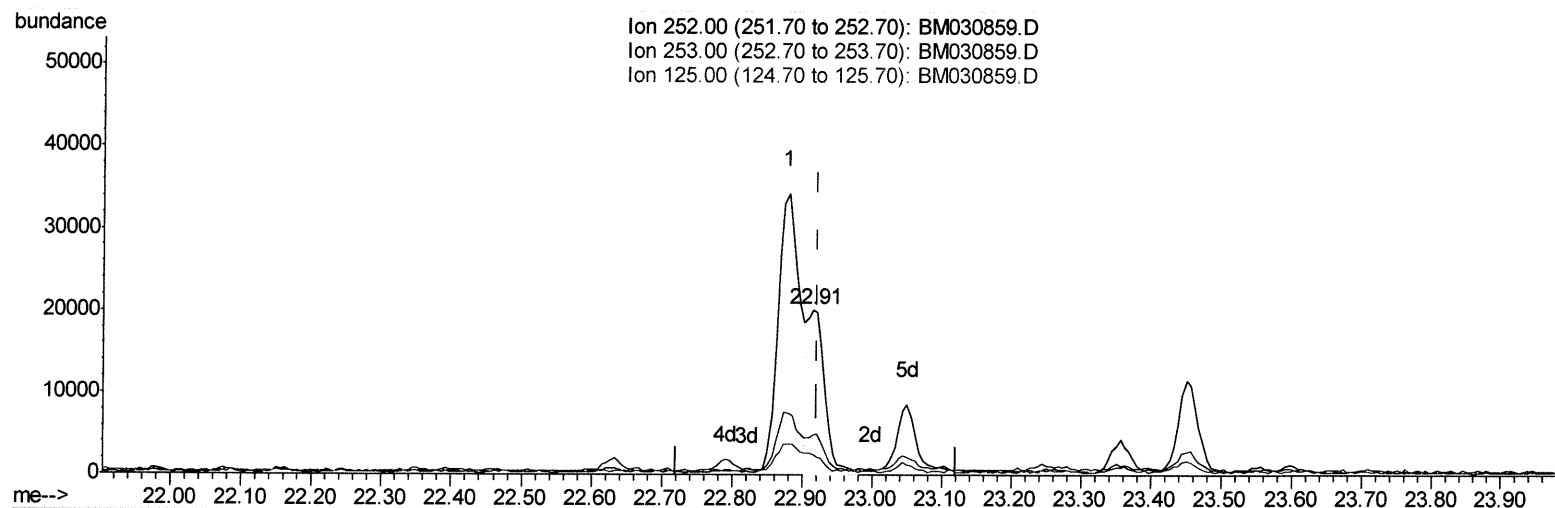
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(91) Benzo(k)fluoranthene

22.915min (-0.006) 1.70ng/ul m JU 07/09/21

response 34351

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.90
125.00	9.20	12.11#
0.00	0.00	0.00

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	85136	20.00	ng/ul	0.00
20) Naphthalene-d8	10.55	136	357808	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.39	164	228717	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.13	188	454085	20.00	ng/ul	0.00
79) Chrysene-d12	21.30	240	340463	20.00	ng/ul	0.00
88) Perylene-d12	23.55	264	322222	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	5571	2.56	ng/uL	0.00
4) Pyridine-d5	3.69	84	41841	7.34	ng/ul	0.02
7) Phenol-d5	6.93	99	103593	13.93	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.10	67	74417	15.53	ng/ul	0.00
11) 2-Chlorophenol-d4	7.30	132	87914	15.40	ng/ul	0.00
15) 4-Methylphenol-d8	8.46	113	84890	14.24	ng/ul	0.00
21) Nitrobenzene-d5	8.92	128	41074	15.43	ng/ul	0.00
24) 2-Nitrophenol-d4	9.64	143	42352	14.54	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.17	165	79984	14.27	ng/ul	0.00
31) 4-Chloroaniline-d4	10.69	131	105932	13.31	ng/ul	0.00
46) Dimethylphthalate-d6	13.80	166	289179	18.06	ng/ul	0.00
49) Acenaphthylene-d8	14.09	160	328114	16.22	ng/ul	0.00
54) 4-Nitrophenol-d4	14.61	143	23658	8.49	ng/ul	0.01
60) Fluorene-d10	15.39	176	248469	17.62	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.52	200	25247	8.67	ng/ul	0.00
73) Anthracene-d10	17.23	188	367030	17.35	ng/ul	0.00
81) Pyrene-d10	19.52	212	287683	15.32	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.41	264	145355	8.74	ng/ul	0.00

Target Compounds

					Ovalue	
72) Phenanthrene	17.17	178	58304	2.406	ng/ul	99
74) Anthracene	17.26	178	45713	1.836	ng/ul	98
80) Fluoranthene	19.19	202	166865	7.207	ng/ul	99
82) Pyrene	19.54	202	91556	3.815	ng/ul	96
85) Benzo(a)anthracene	21.29	228	87864	4.128	ng/ul	95
87) Chrysene	21.34	228	69955	3.340	ng/ul	99
90) Benzo(b)fluoranthene	22.88	252	74428	3.586	ng/ul	99
91) Benzo(k)fluoranthene	22.91	252	34351m >	1.703	ng/ul >	99
93) Benzo(a)pyrene	23.45	252	21732	1.183	ng/ul#	93

Jul 07/09/21

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