

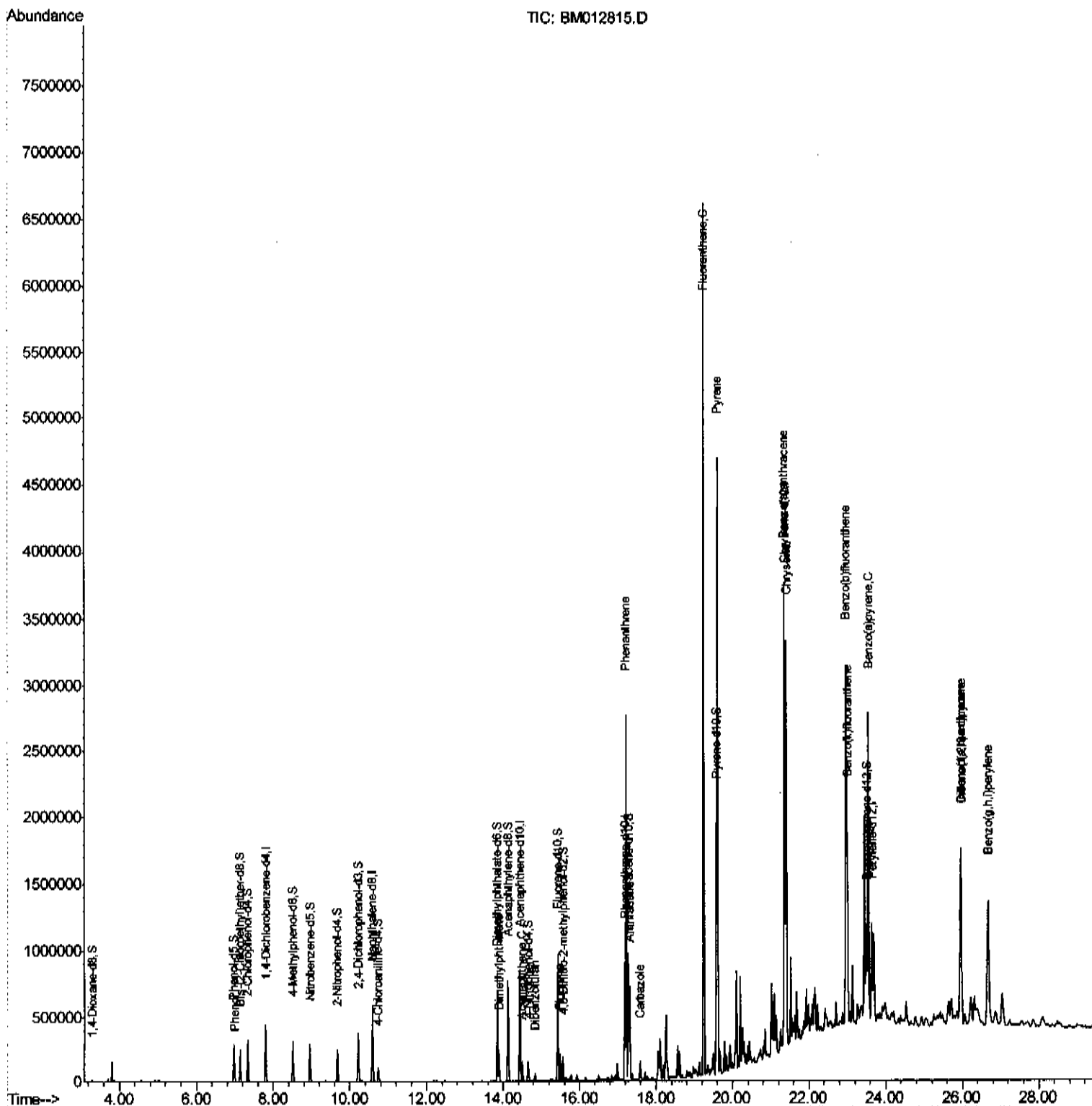
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110817\
Data File : BM012815.D
Acq On : 08 Nov 2017 11:34
Operator : SJ/JU
Sample : 6164-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
ET0D1

Manual Integrations
APPROVED

Sohil
11/9/2017 3:48:19 PM

Quant Time: Nov 09 01:38:39 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 01:31:40 2017
Response via : Initial Calibration



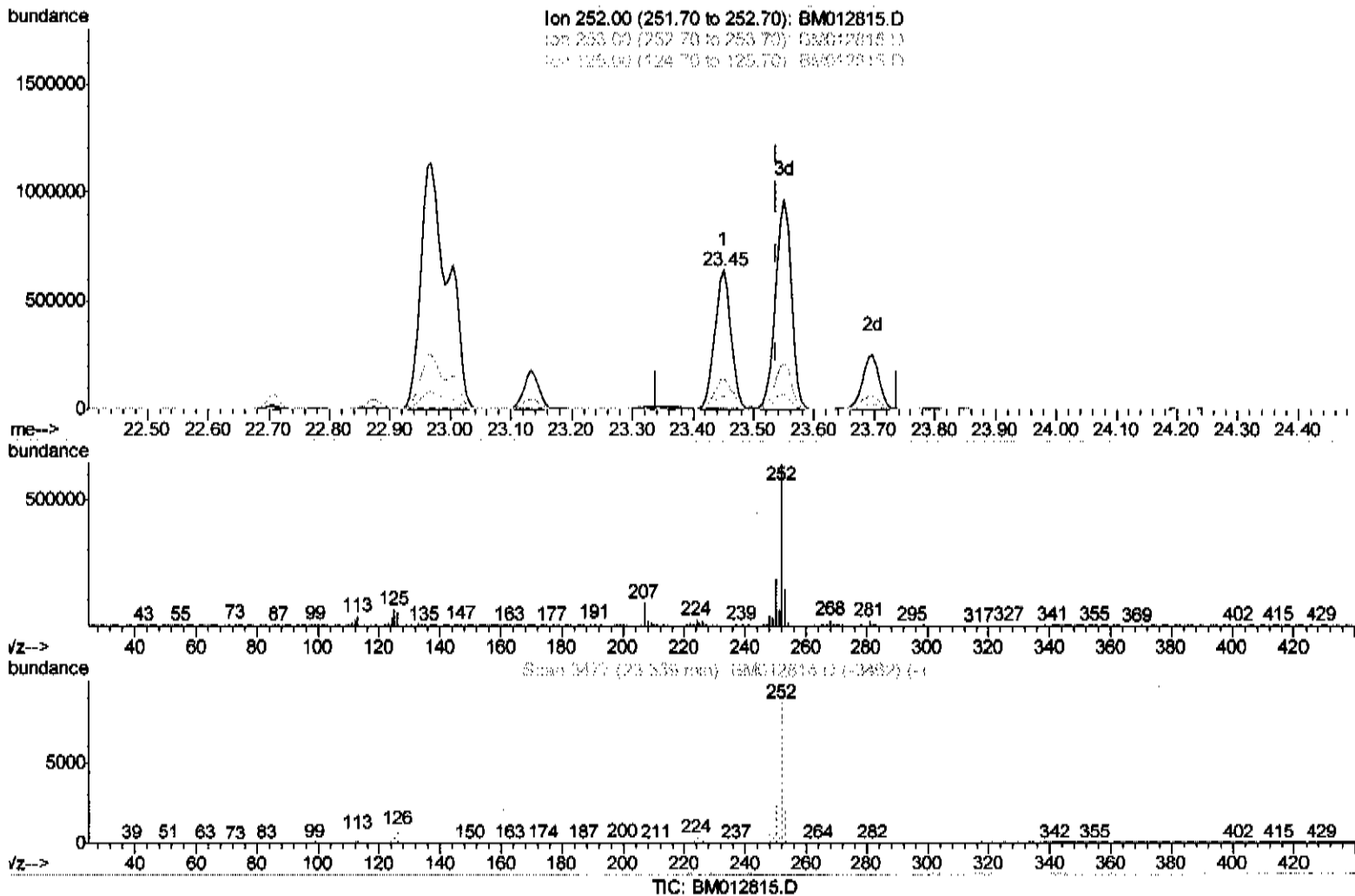
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(90) Benzo(a)pyrene (C)

23.450min (-0.088) 35.99ng/ul

response 1191155

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	22.75
125.00	11.30	10.01
0.00	0.00	0.00

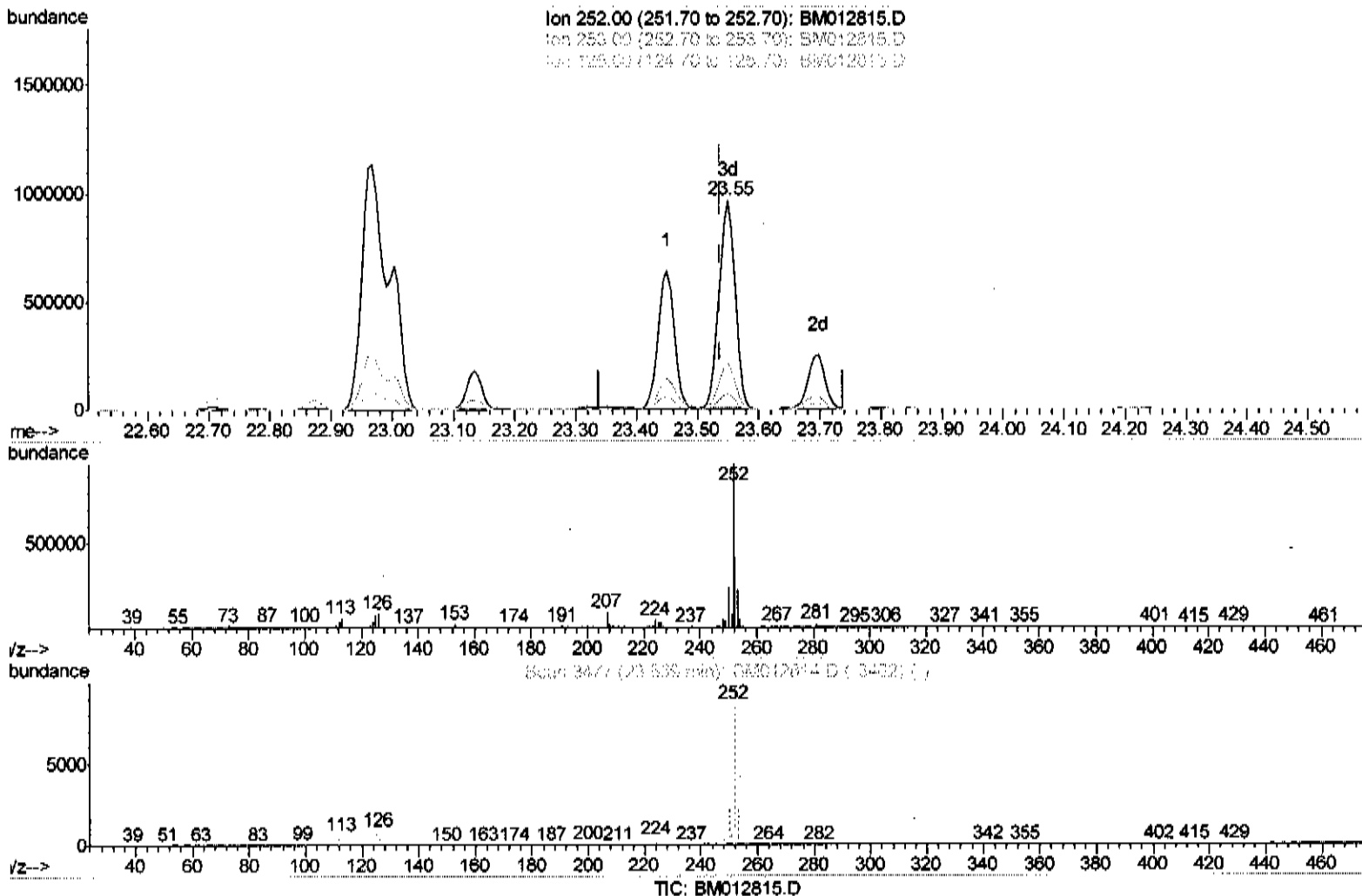
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(90) Benzo(a)pyrene (C)

23.550min (+0.012) 53.01ng/ul m

JU 11/13/17

response 1754396

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	22.56
125.00	11.30	7.35#
0.00	0.00	0.00

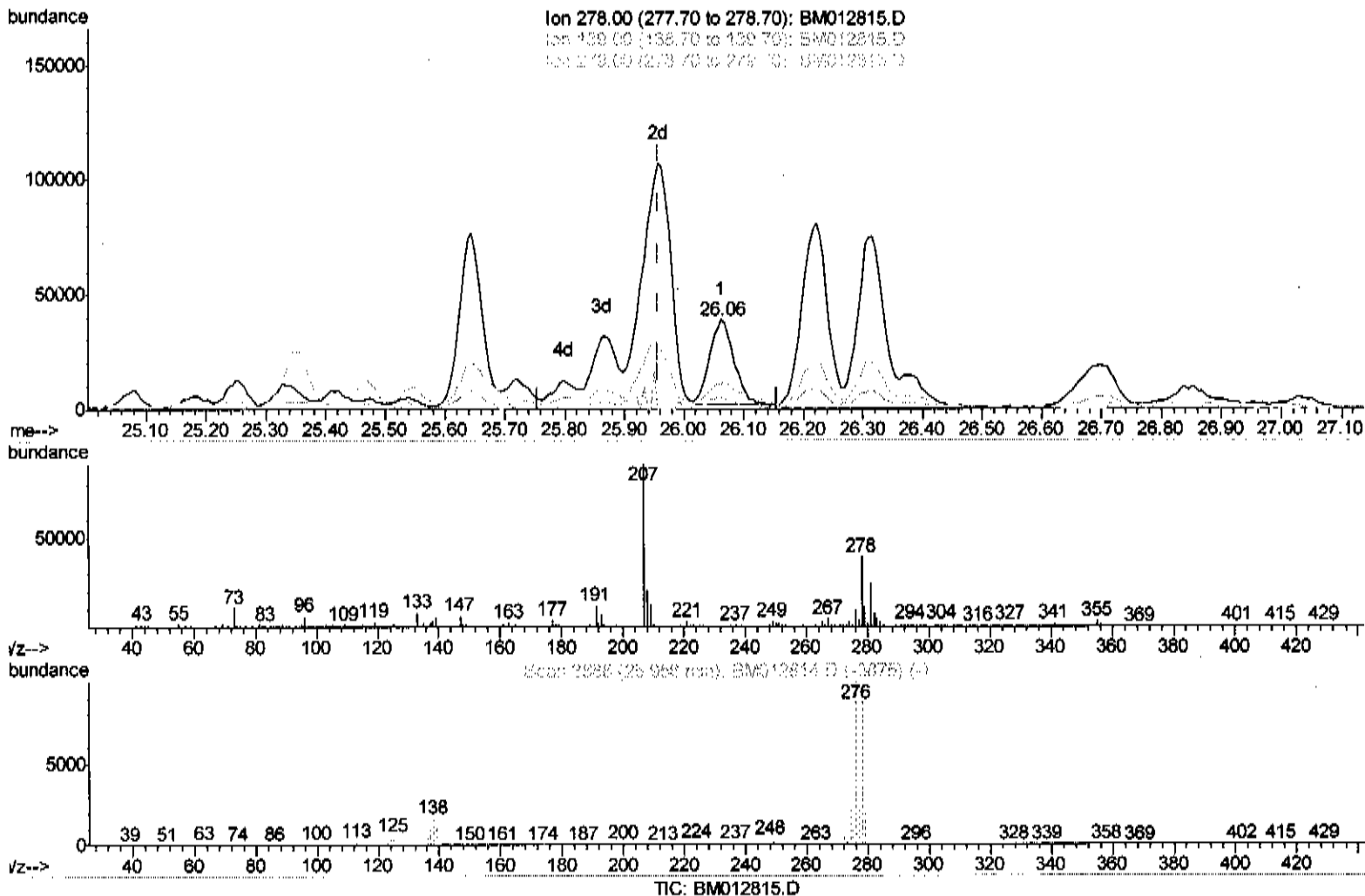
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(92) Dibenzo(a,h)anthracene

26.062min (+0.106) 3.04ng/ul

response 102752

Ion	Exp%	Act%
278.00	100	100
139.00	17.40	13.99
279.00	23.70	28.00
0.00	0.00	0.00

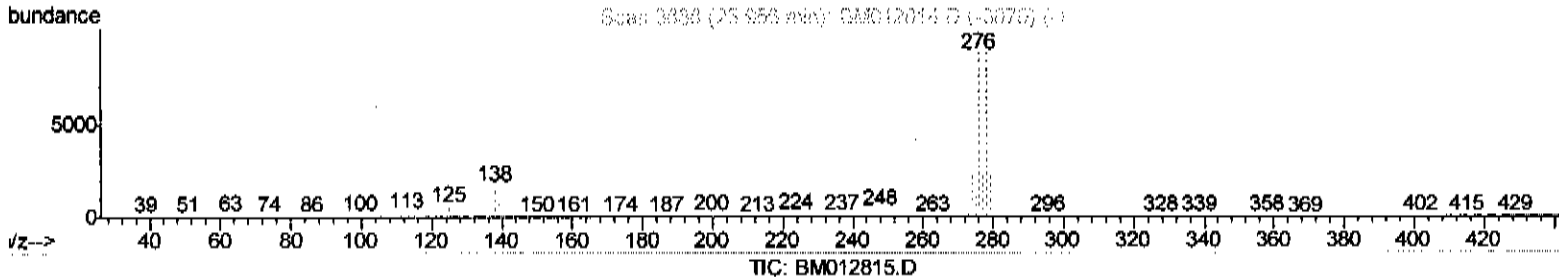
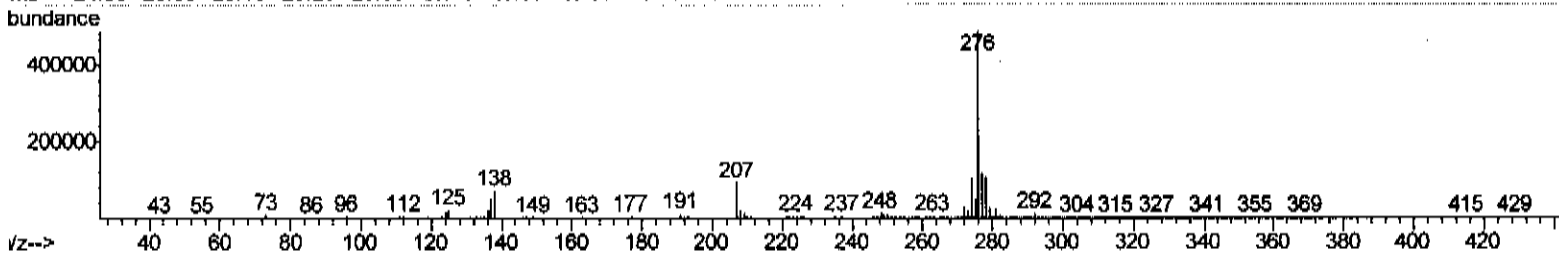
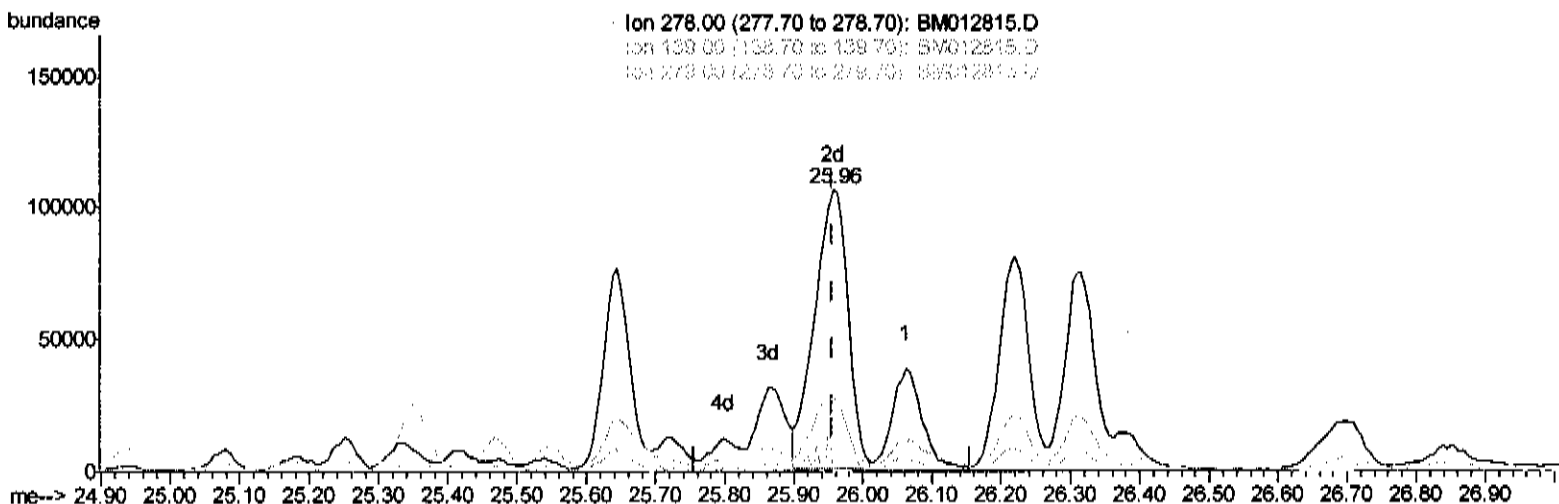
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(92) Dibenzo(a,h)anthracene

25.956min (+0.000) 10.51ng/ul m

SJ 11/13/17

response 355047

Ion	Exp%	Act%
278.00	100	100
139.00	17.40	0.00#
279.00	23.70	25.78
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	124064	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	498453	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	277899	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	535516	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	507027	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	569154	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	7957	3.46	ng/uL	0.00
5) Phenol-d5	6.97	99	174579	18.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	101720	20.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	153372	19.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	120477	15.12	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	73772	20.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	87361	20.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	159767	18.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	68662	8.24	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	471324	20.50	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	563312	19.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	46318	12.57	ng/ul	0.00
57) Fluorene-d10	15.43	176	385218	19.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	49555	14.02	ng/ul	0.00
70) Anthracene-d10	17.28	188	525287	20.30	ng/ul	0.00
78) Pyrene-d10	19.57	212	498755	21.20	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	553139	20.55	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.00	94	17368	1.83	ng/ul 98
44) Dimethylphthalate	13.89	163	139910	6.13	ng/ul 99
49) Acenaphthene	14.50	153	62549	3.33	ng/ul 95
53) Dibenzofuran	14.84	168	37958	1.39	ng/ul 91
58) Fluorene	15.49	166	88696	3.90	ng/ul 100
69) Phenanthrene	17.23	178	1675039	57.23	ng/ul 99
71) Anthracene	17.32	178	441175	14.54	ng/ul 99
74) Carbazole	17.59	167	87388	3.45	ng/ul 99
76) Fluoranthene	19.24	202	3877425	110.24	ng/ul# 95
79) Pyrene	19.61	202	3034907	100.32	ng/ul# 93
82) Benzo(a)anthracene	21.35	228	1691254	55.12	ng/ul 99
84) Chrysene	21.40	228	1716603	61.74	ng/ul 98
87) Benzo(b)fluoranthene	22.97	252	2602088	74.81	ng/ul# 97
88) Benzo(k)fluoranthene	23.00	252	874791	26.46	ng/ul# 95
90) Benzo(a)pyrene	23.55	252	1754396m	53.01	ng/ul
91) Indeno(1,2,3-cd)pyrene	25.96	276	1406475	35.26	ng/ul# 86
92) Dibenz(a,h)anthracene	25.96	278	355047m	10.51	ng/ul
93) Benzo(a,h,i)perylene	26.67	276	1218944	37.09	ng/ul# 91

ju 11/13/17
 ju 11/13/17

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