

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
 Data File : BM006833.D
 Acq On : 01 Aug 2016 20:17
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

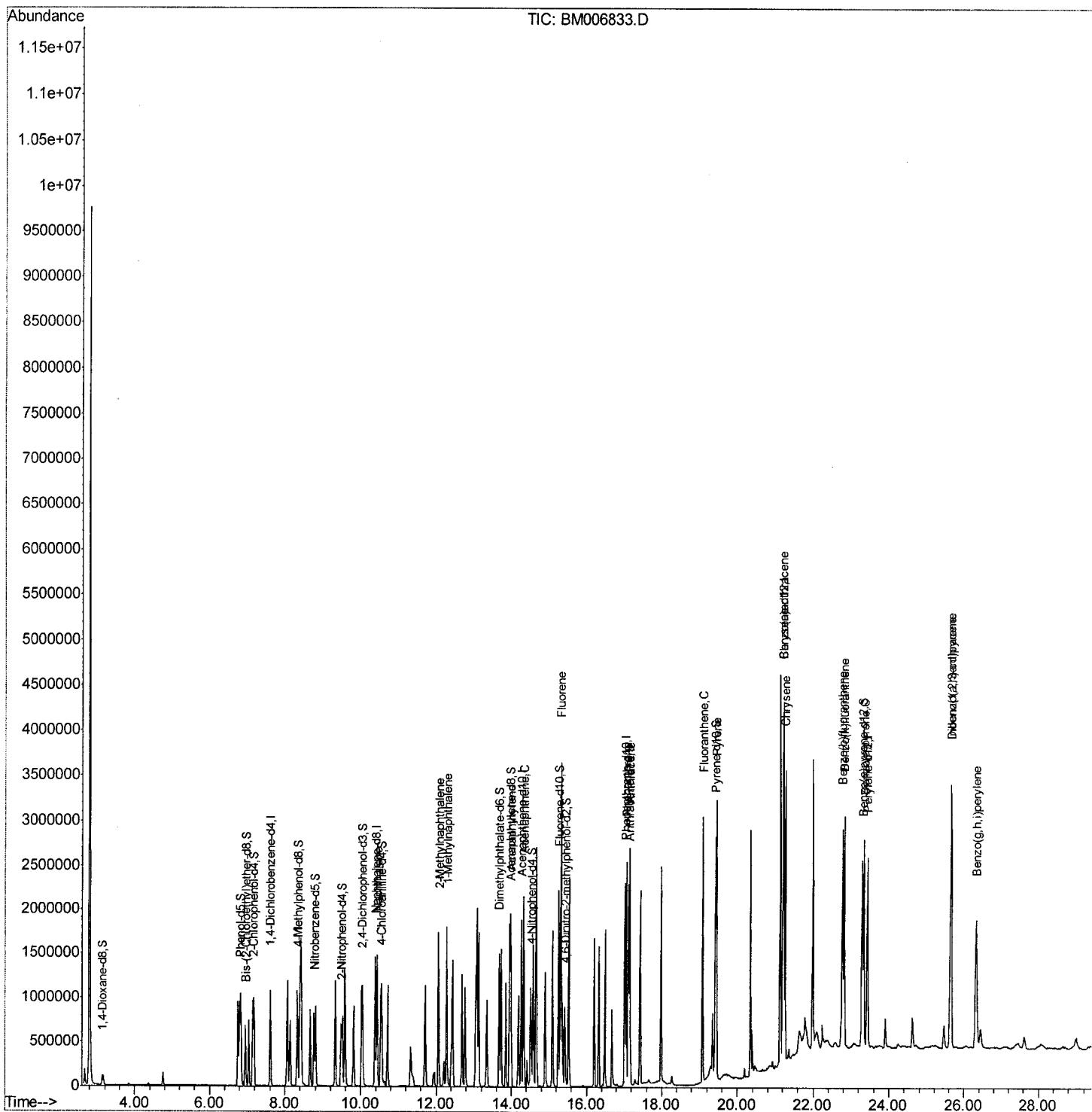
Instrument :
 BNA_M
 LabSampleId :
 SSTD02066

Manual Integrations
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sohil
 8/2/2016 1:10:39 PM

Quant Time: Aug 02 00:55:40 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 30 01:37:26 2016
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Quantitation Report (Qedit)

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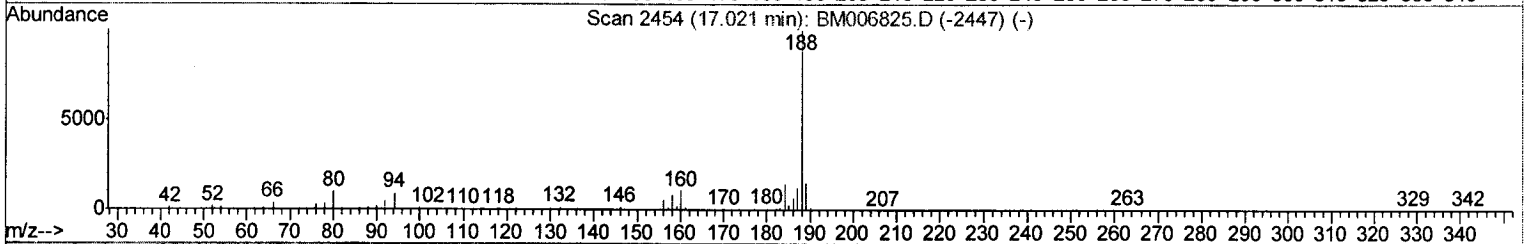
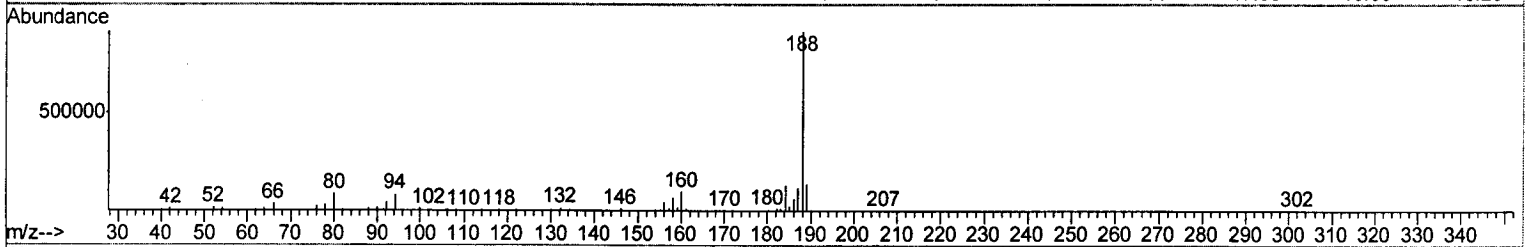
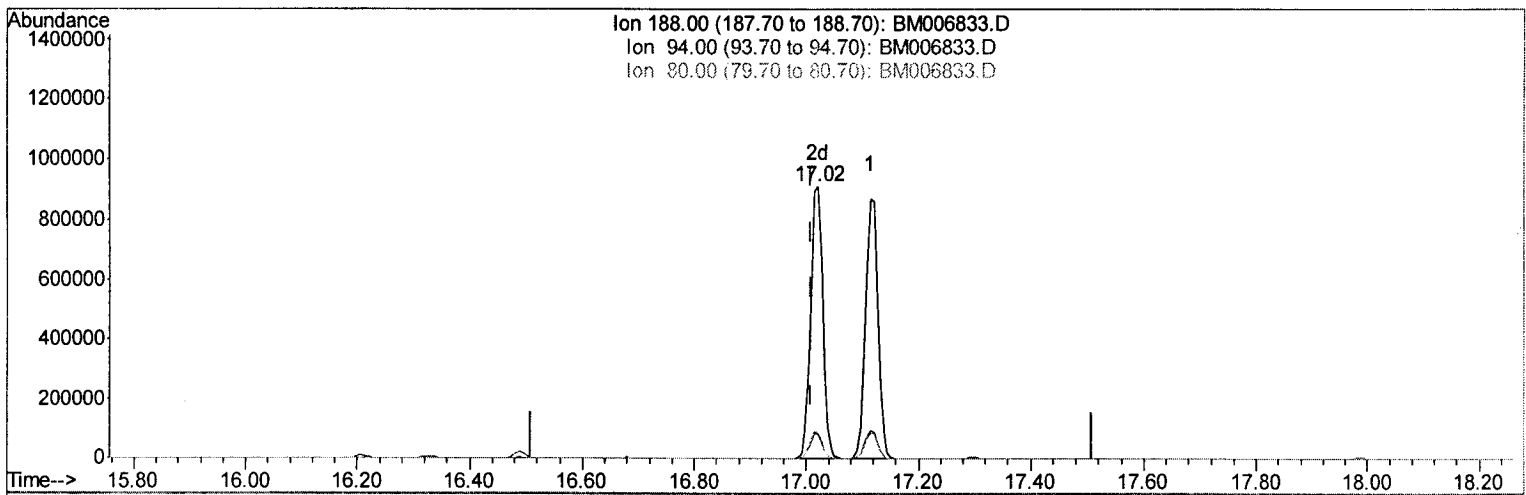
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TIC: BM006833.D

(23) Phenanthrene-d10 (I)

17.021min (+0.012) 20.00ng/ul m

response 1393263

Ion	Exp%	Act%
188.00	100	100
94.00	9.60	8.97
80.00	12.20	9.55#
0.00	0.00	0.00

U.M
 08/02/16

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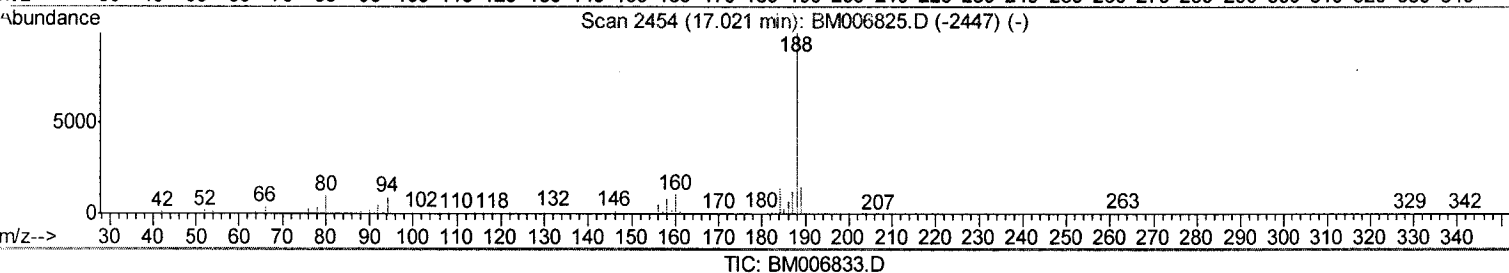
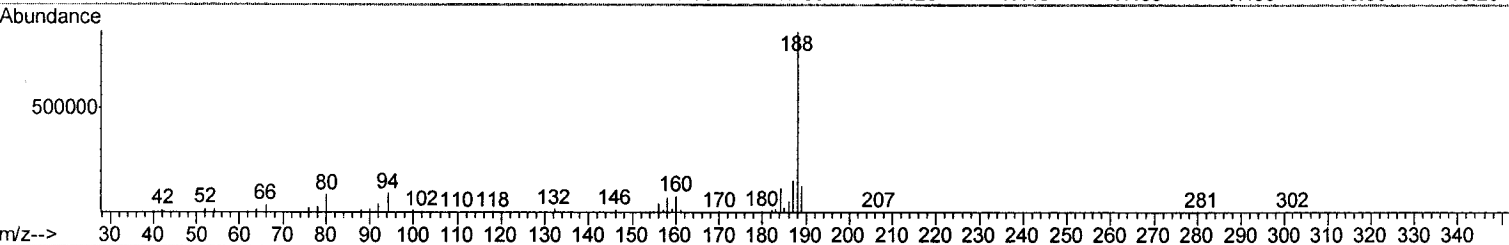
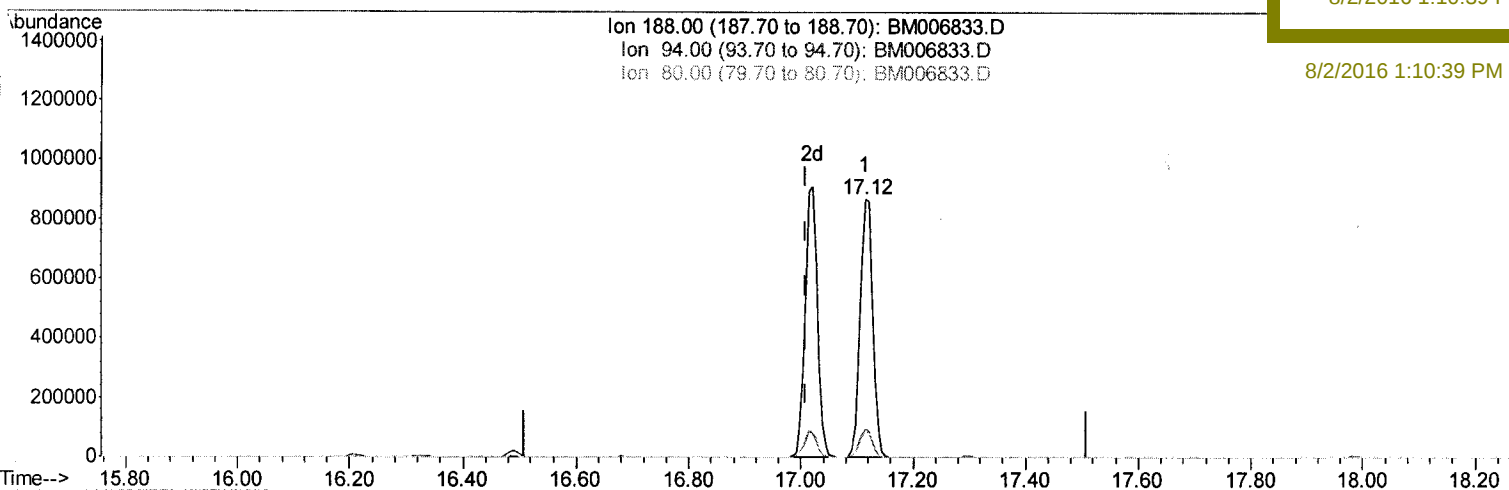
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(23) Phenanthrene-d10 (I)

17.115min (+0.106) 20.00ng/ul

response 1331675

Ion	Exp%	Act%
188.00	100	100
94.00	9.60	10.79
80.00	12.20	10.02
0.00	0.00	0.00

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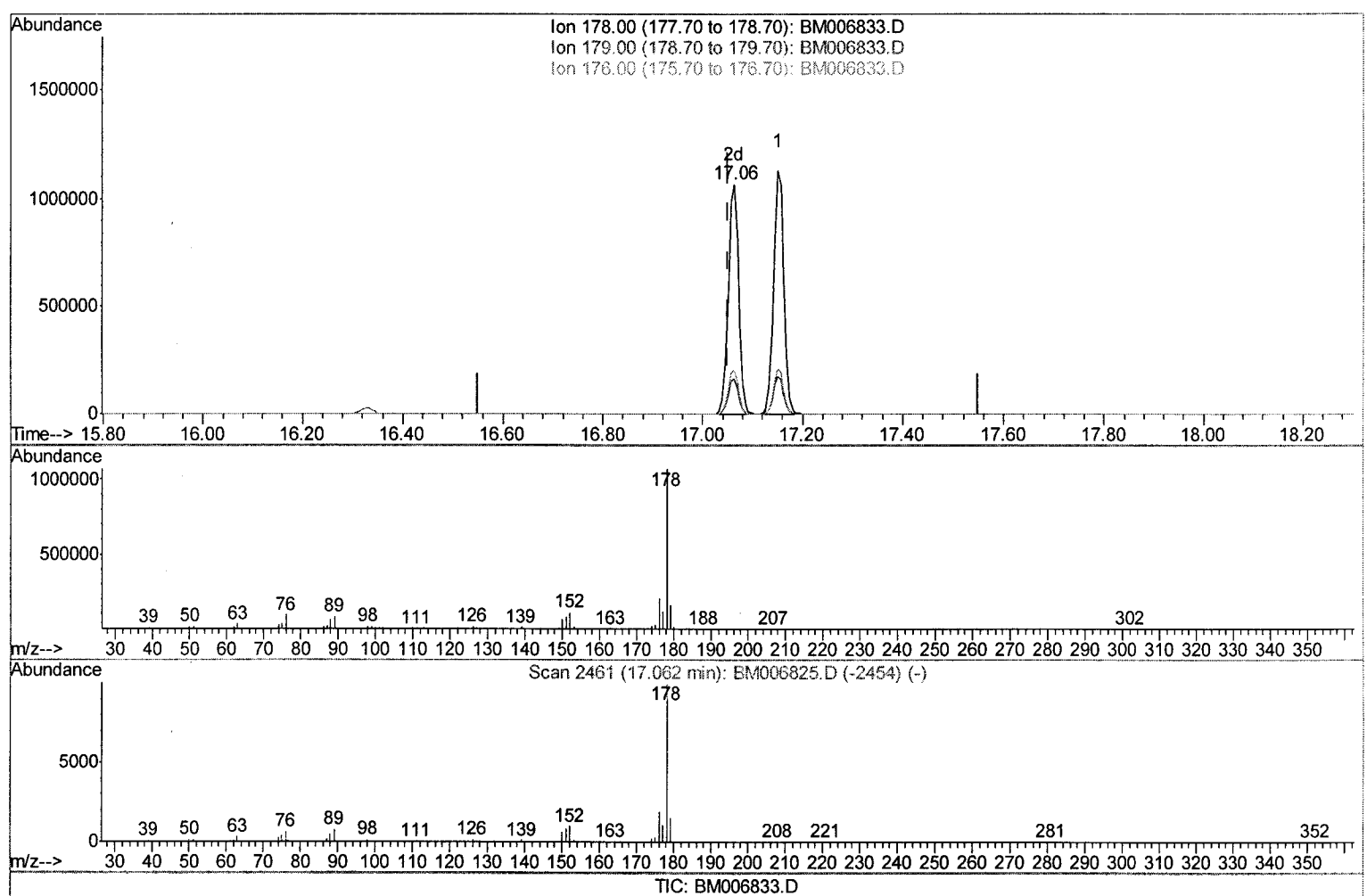
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(25) Phenanthrene

17.062min (+0.012) 19.90ng/ul m U.M
 response 1559109
 08/02/16

Ion	Exp%	Act%
178.00	100	100
179.00	14.80	15.22
176.00	18.50	19.15
0.00	0.00	0.00

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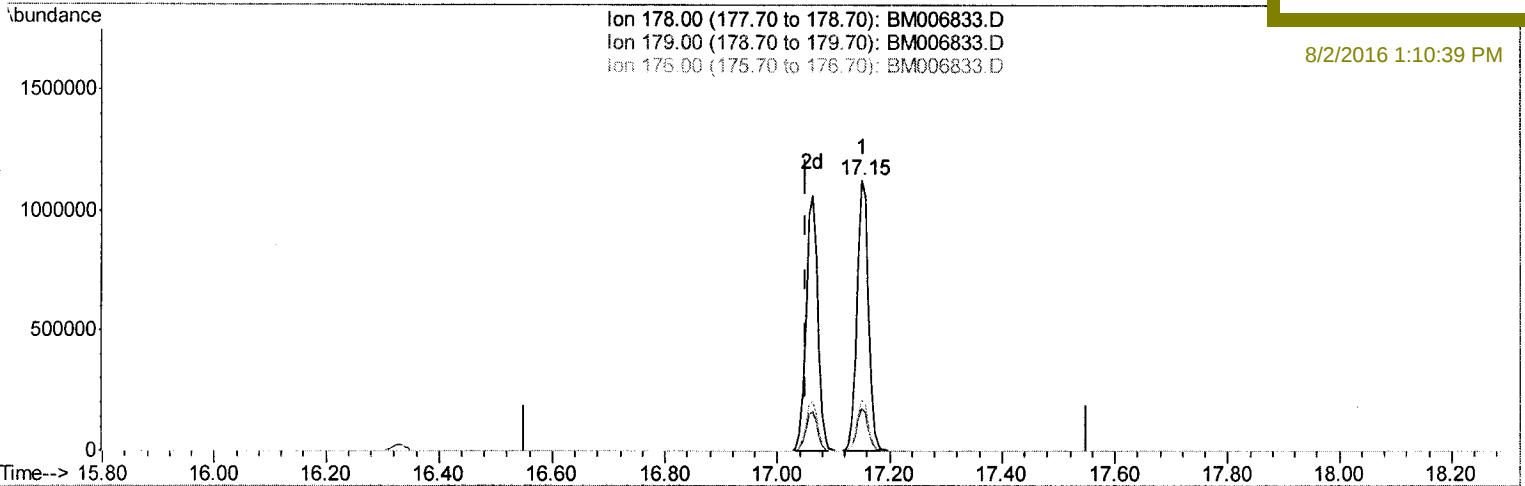
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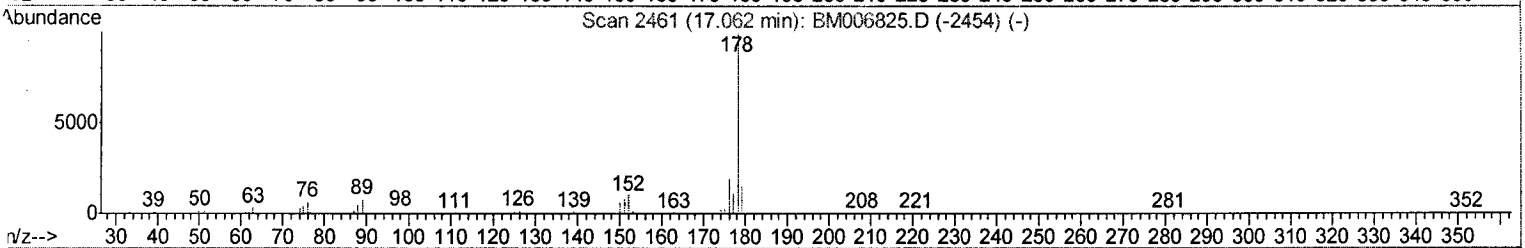
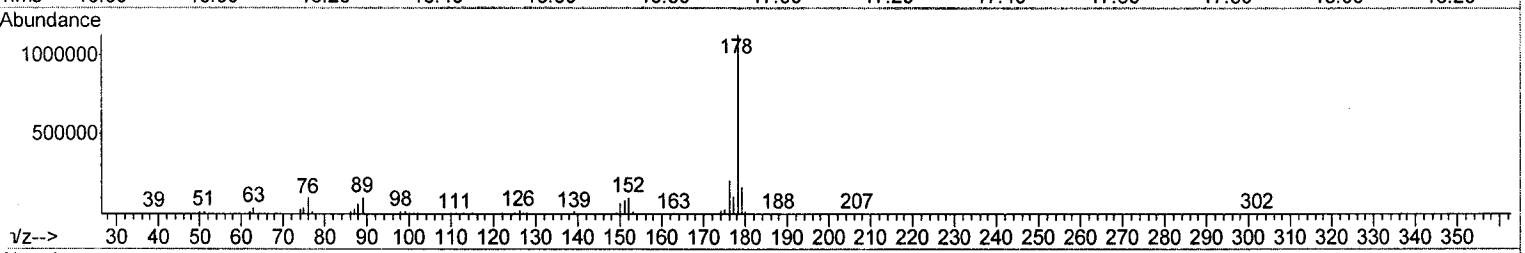
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TIC: BM006833.D

(25) Phenanthrene

17.151min (+0.100) 20.42ng/ul

response 1600203

Ion	Exp%	Act%
178.00	100	100
179.00	14.80	15.38
176.00	18.50	18.68
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	7.61	152	282171	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	1179817	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	636630	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	1393263m	20.00	ng/ul	0.01
29) Chrysene-d12	21.22	240	1435139	20.00	ng/ul	0.00
34) Perylene-d12	23.43	264	1549283	20.00	ng/ul	0.02

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System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	51959	7.45	ng/uL	0.00
3) Phenol-d5	6.80	99	507437	21.14	ng/ul	0.01
4) Bis-(2-Chloroethyl)ether-d	6.95	67	310211	20.86	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	396707	20.68	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	388132	20.85	ng/ul	0.01
8) Nitrobenzene-d5	8.76	128	190213	21.30	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	209640	22.07	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	373919	20.84	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	476139	24.09	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	998720	20.01	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	1315616	20.65	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	171608	19.79	ng/ul	0.02
21) Fluorene-d10	15.26	176	886155	19.85	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	118017	16.32	ng/ul	0.02
26) Anthracene-d10	17.12	188	1331675	20.13	ng/ul	0.00
30) Pyrene-d10	19.42	212	1427193	21.82	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.29	264	1449945	20.35	ng/ul	0.01

Target Compounds

						Qvalue
11) Naphthalene	10.44	128	1197198	19.68	ng/ul	98
13) 2-Methylnaphthalene	12.06	142	868030	19.44	ng/ul	98
14) 1-Methylnaphthalene	12.28	142	818761	19.23	ng/ul#	95
18) Acenaphthylene	13.99	152	1361792	19.96	ng/ul	96
19) Acenaphthene	14.33	153	863050	19.68	ng/ul	94
22) Fluorene	15.32	166	966541	19.56	ng/ul	96
25) Phenanthrene	17.06	178	1559109m	19.90	ng/ul	98
27) Anthracene	17.15	178	1600203	19.83	ng/ul	98
28) Fluoranthene	19.09	202	1815343	19.72	ng/ul	98
31) Pyrene	19.45	202	1861854	21.43	ng/ul	98
32) Benzo(a)anthracene	21.21	228	1745378	20.07	ng/ul	98
33) Chrysene	21.26	228	1644900	20.51	ng/ul	98
35) Benzo(b)fluoranthene	22.77	252	1856982	20.00	ng/ul	99
36) Benzo(k)fluoranthene	22.81	252	1771729	19.73	ng/ul	98
38) Benzo(a)pyrene	23.34	252	1805888	19.98	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.66	276	2102785	20.09	ng/ul	95
40) Dibenzo(a,h)anthracene	25.66	278	1749961	20.17	ng/ul	97
41) Benzo(g,h,i)perylene	26.33	276	1835970	20.46	ng/ul	97

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