

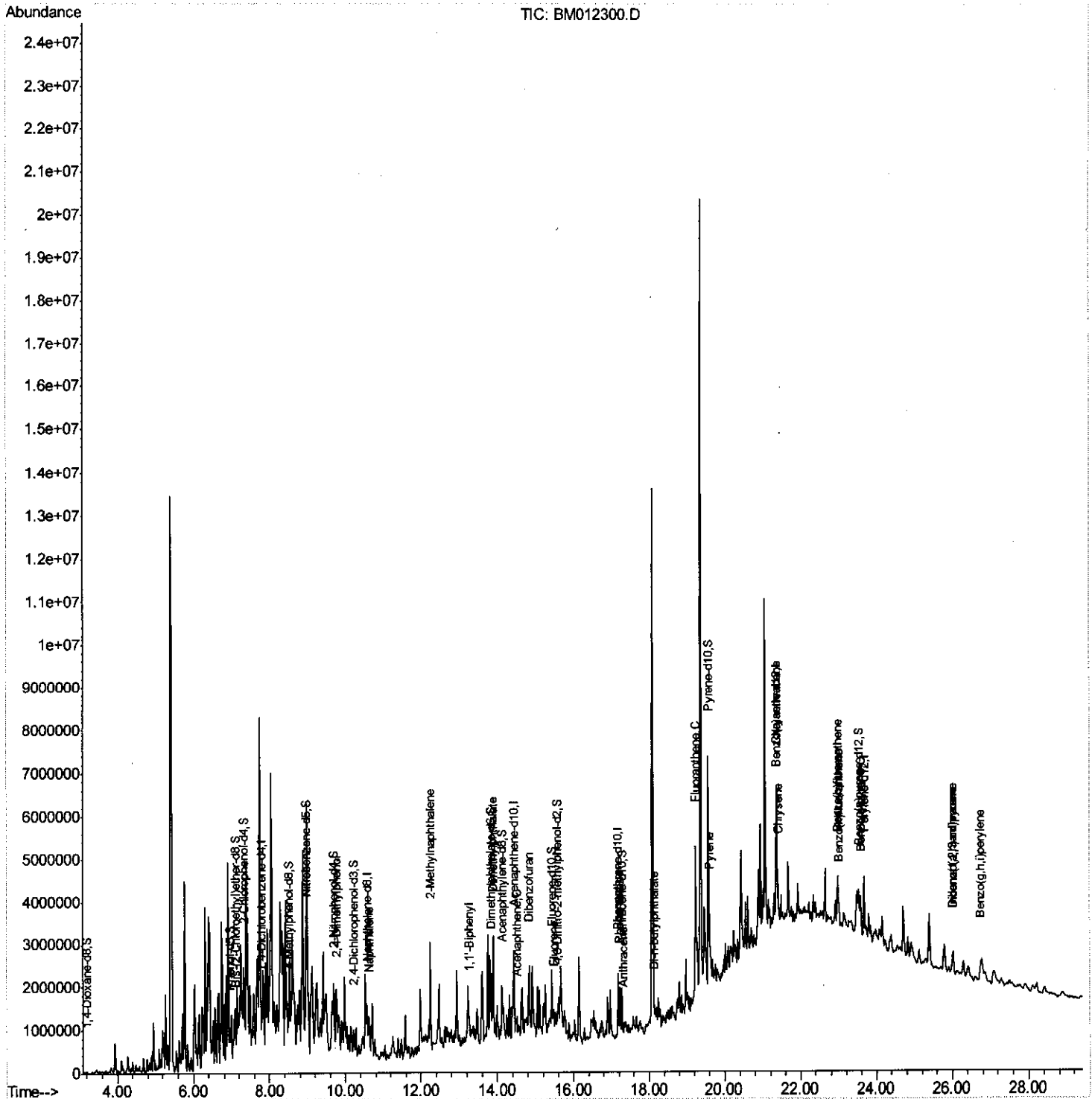
Data Path : Z:\HPCHEM1\BNA_M\Data\BM101817\
Data File : BM012300.D
Acq On : 19 Oct 2017 03:50
Operator : SJ/JU
Sample : I5693-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-30(3-3.8)-100417

Manual Integrations
APPROVED

Sohil
10/23/2017 3:49:52 PM

Quant Time: Oct 19 15:10:24 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 15:00:52 2017
Response via : Initial Calibration



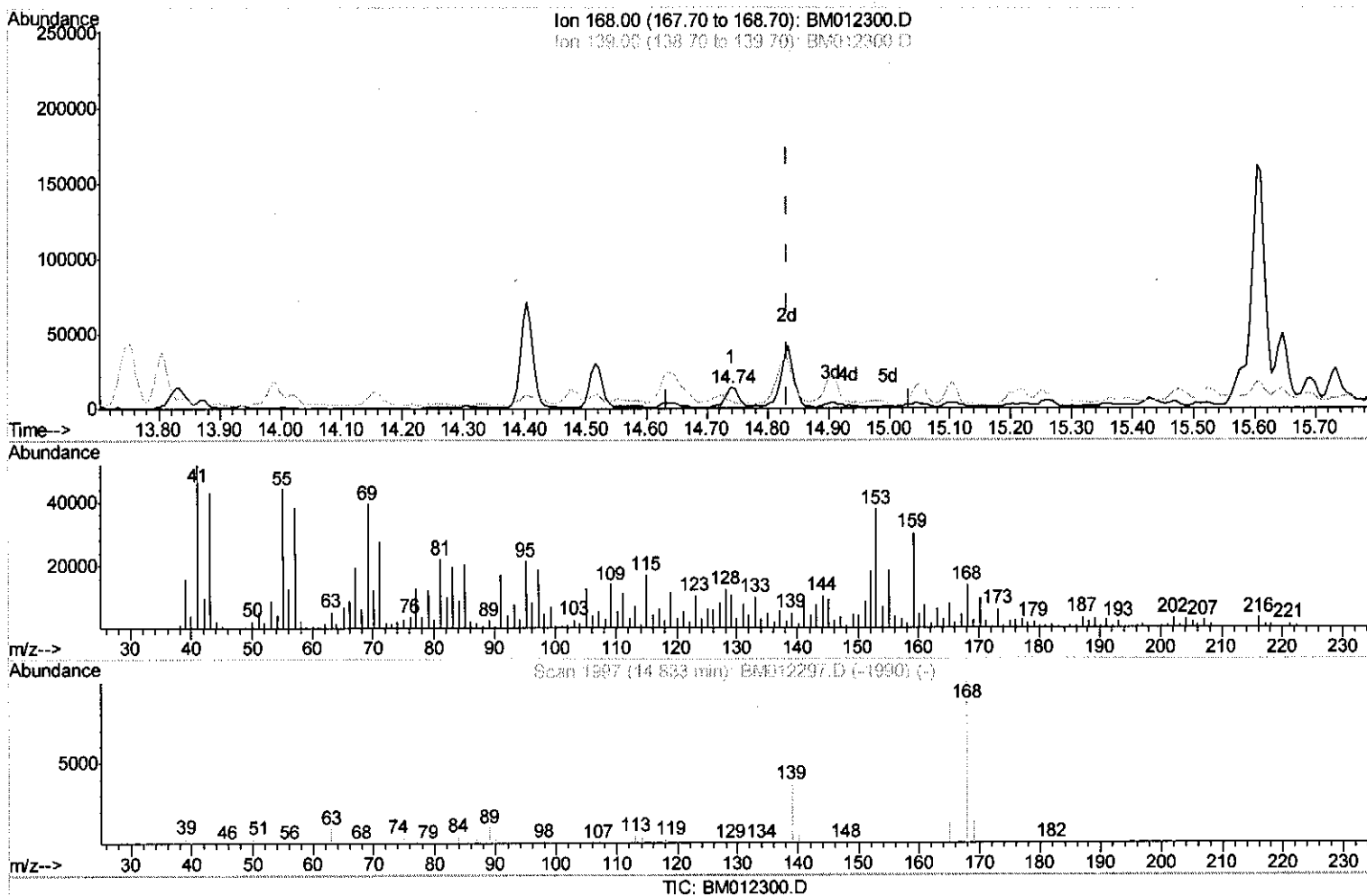
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(53) Dibenzofuran

14.739min (-0.094) 0.31ng/ul

response 19489

Ion	Exp%	Act%
168.00	100	100
139.00	37.70	35.78
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

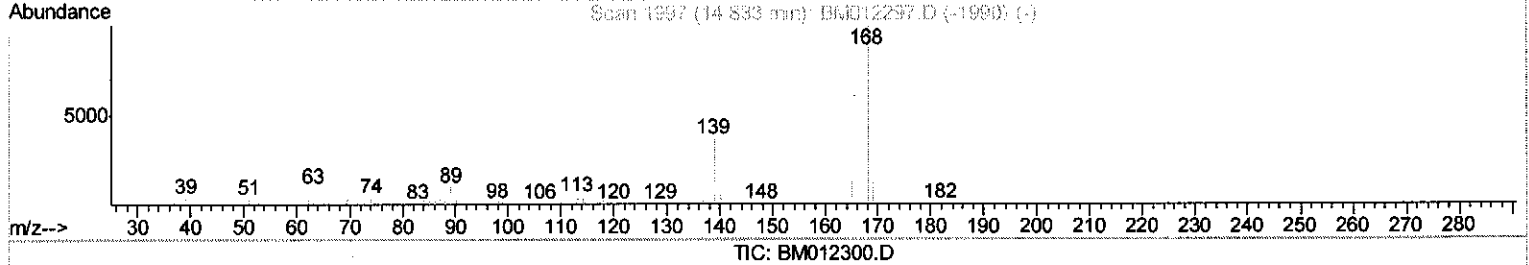
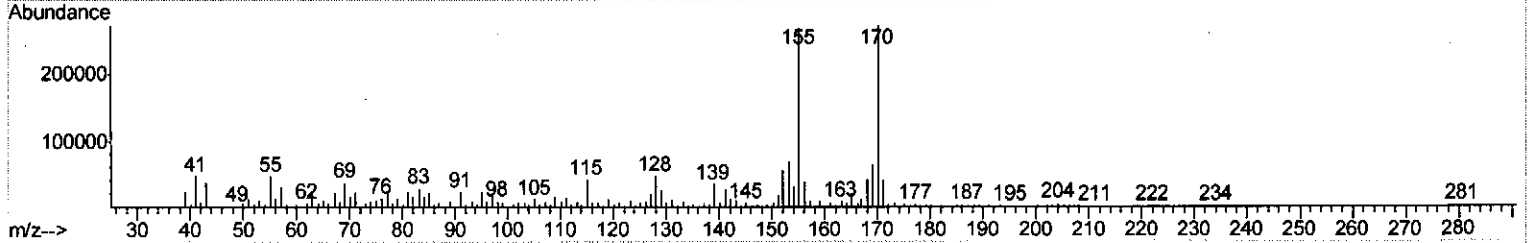
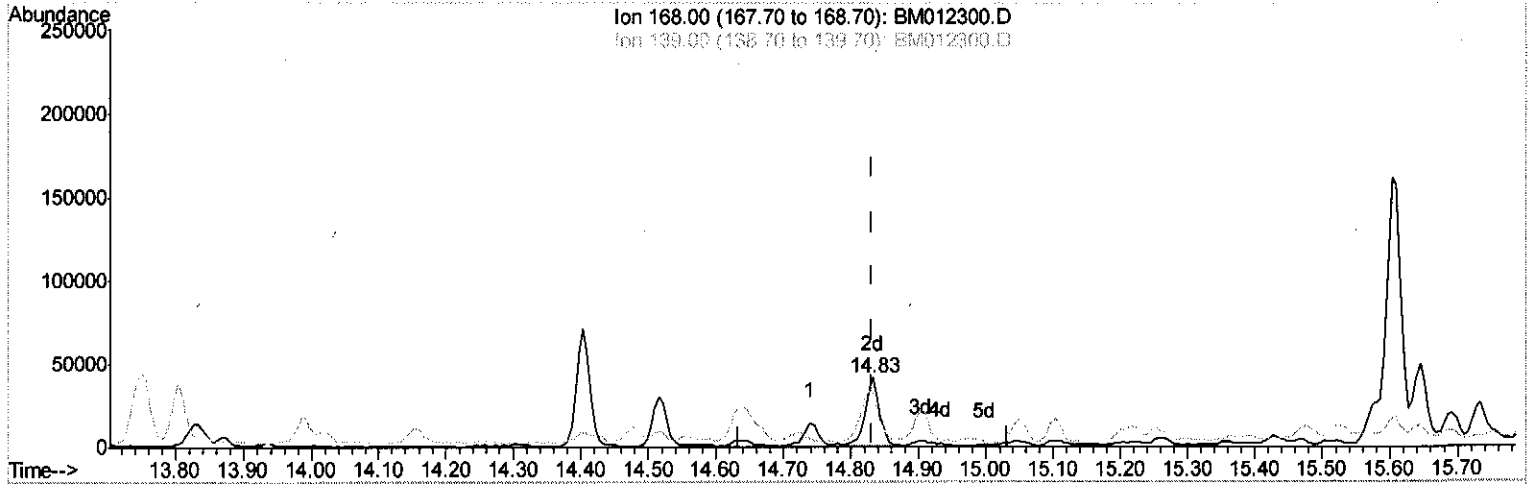
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(53) Dibenzofuran

14.833min (0.000) 0.98ng/ul m

Ju 10/24/17

response 60542

Ion	Exp%	Act%
168.00	100	100
139.00	37.70	79.29#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

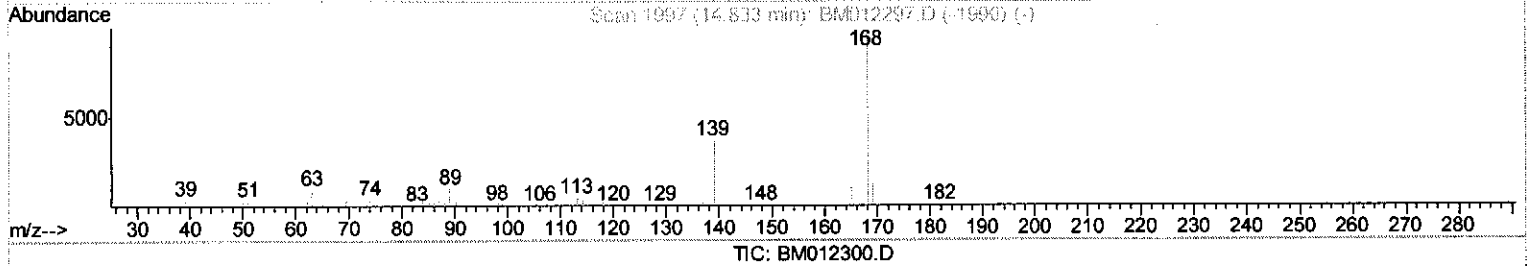
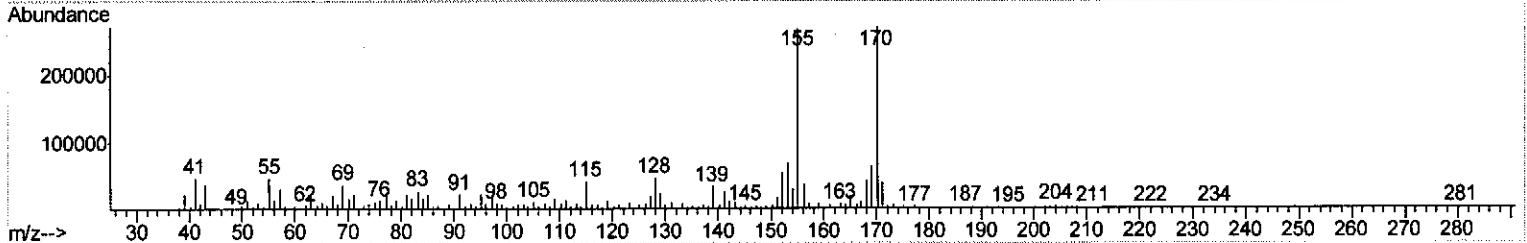
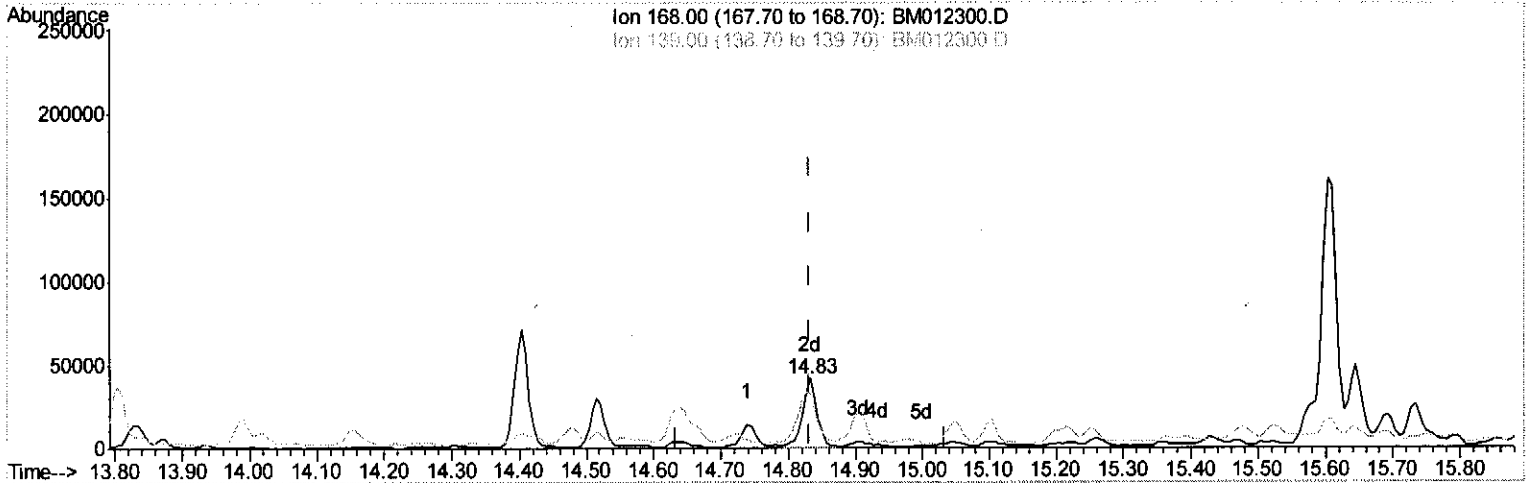
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Manual Integrations
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Sohil
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(53) Dibenzofuran

14.833min (0.000) 1.03ng/ul m

JU 10/24/17

response 64116

Ion	Exp%	Act%
168.00	100	100
139.00	37.70	79.29#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

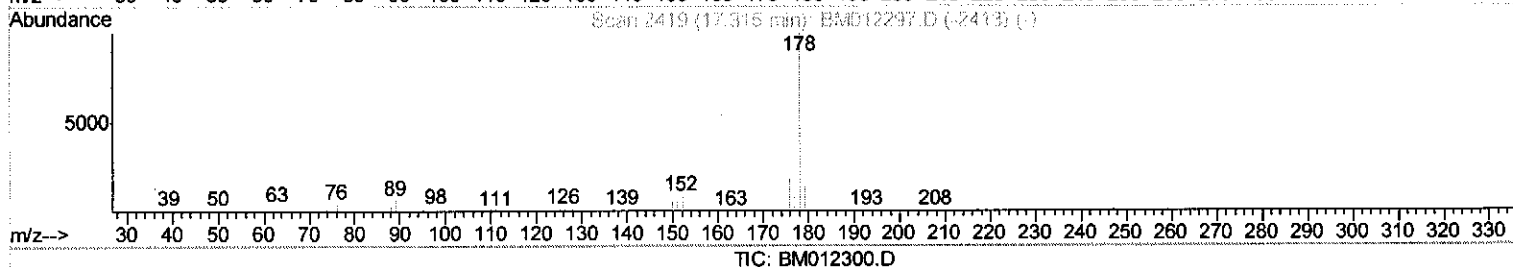
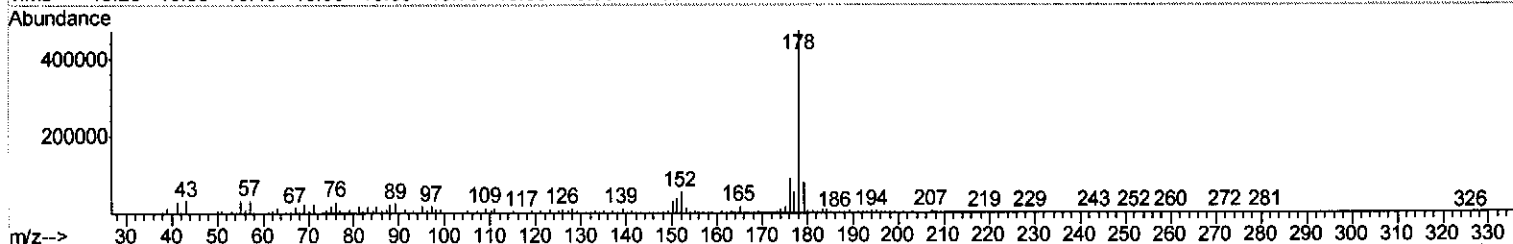
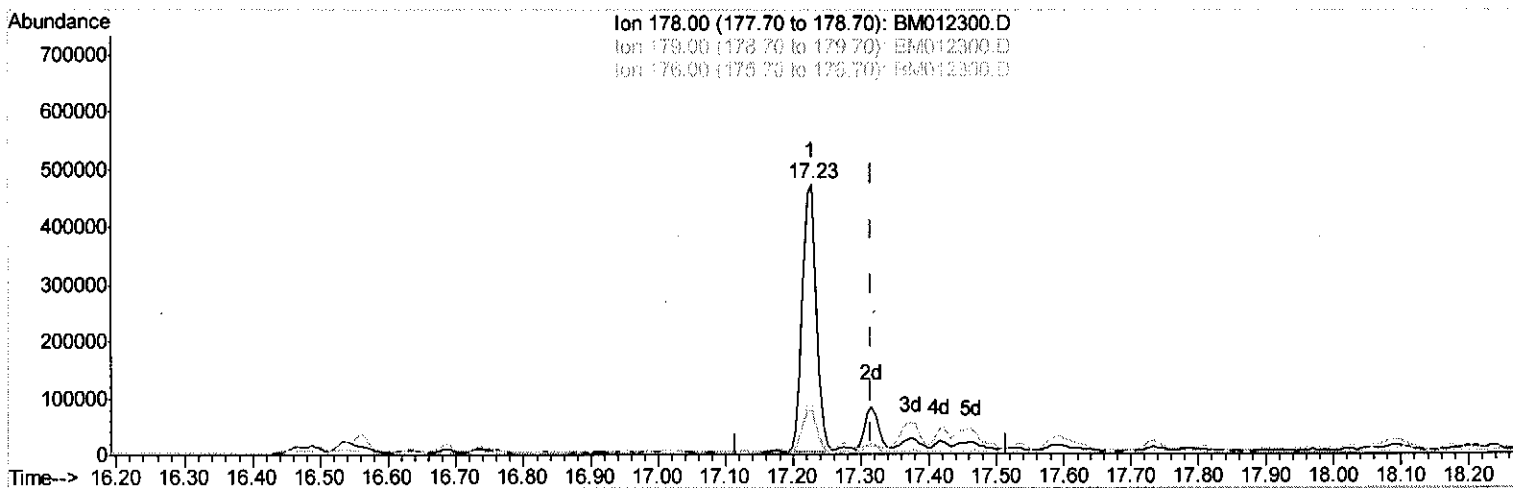
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Manual Integrations
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(71) Anthracene

17.227min (-0.088) 13.12ng/ul

response 668373

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	16.51
176.00	18.40	18.27
0.00	0.00	0.00

Quantitation Report (Qedit)

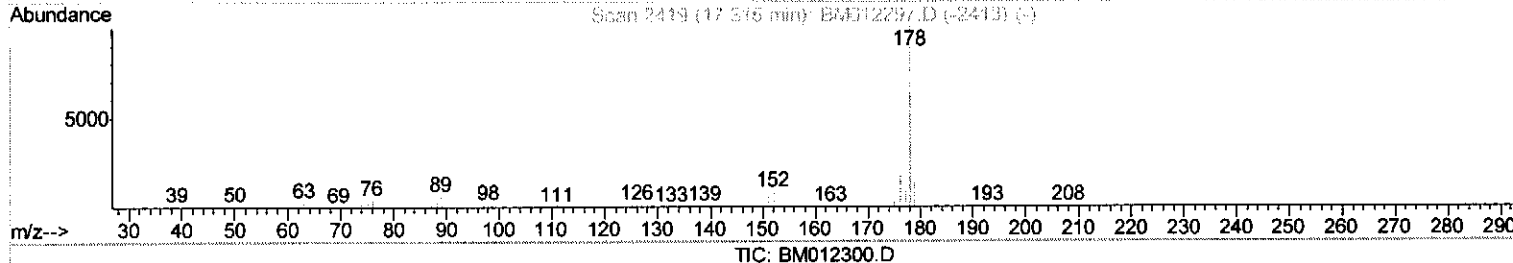
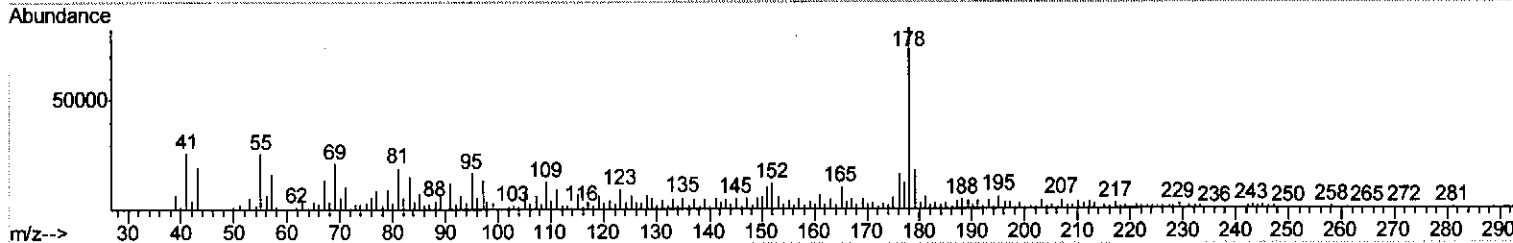
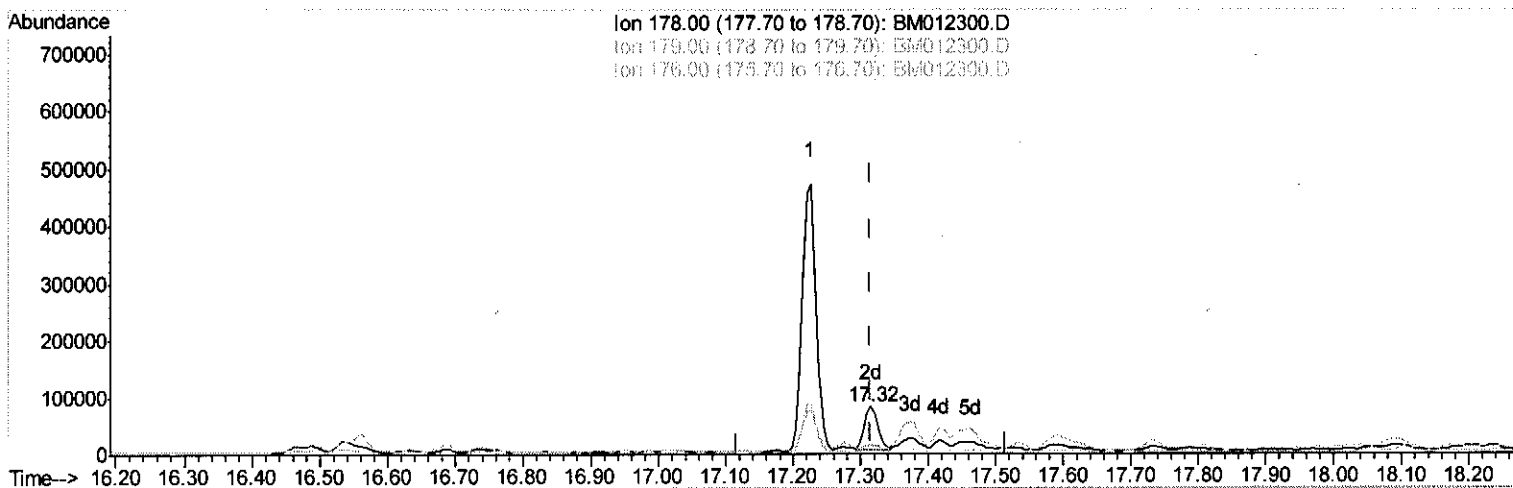
Data Path : Z:\HPCHEM1\BNA_M\Data\BM101817\
 Data File : BM012300.D
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 Operator : SJ/JU
 Sample : I5693-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
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(71) Anthracene

17.315min (0.000) 2.15ng/ul m

JU 10/24/17

response 109442

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	21.84#
176.00	18.40	19.17
0.00	0.00	0.00

Quantitation Report (Qedit)

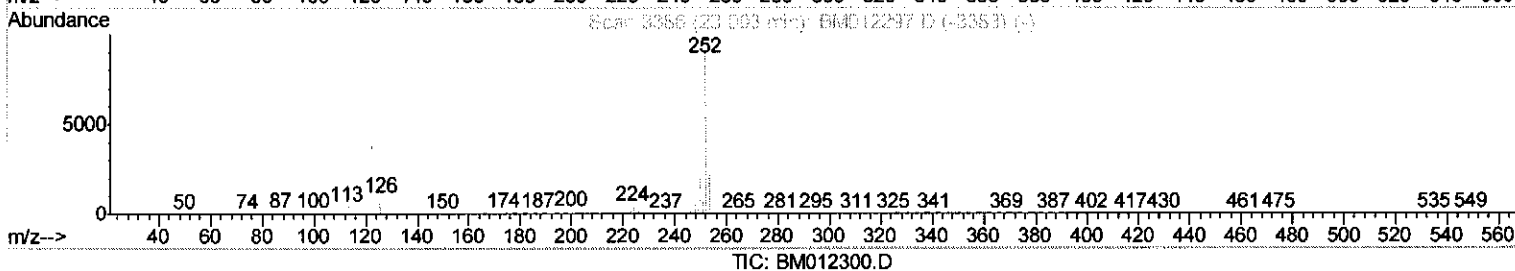
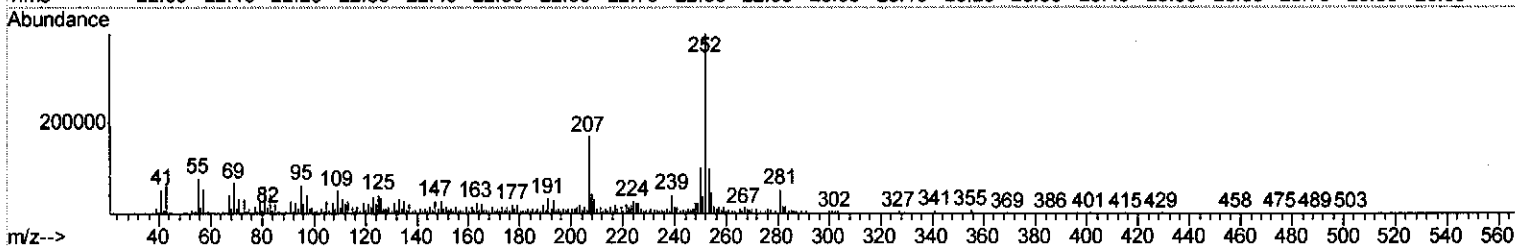
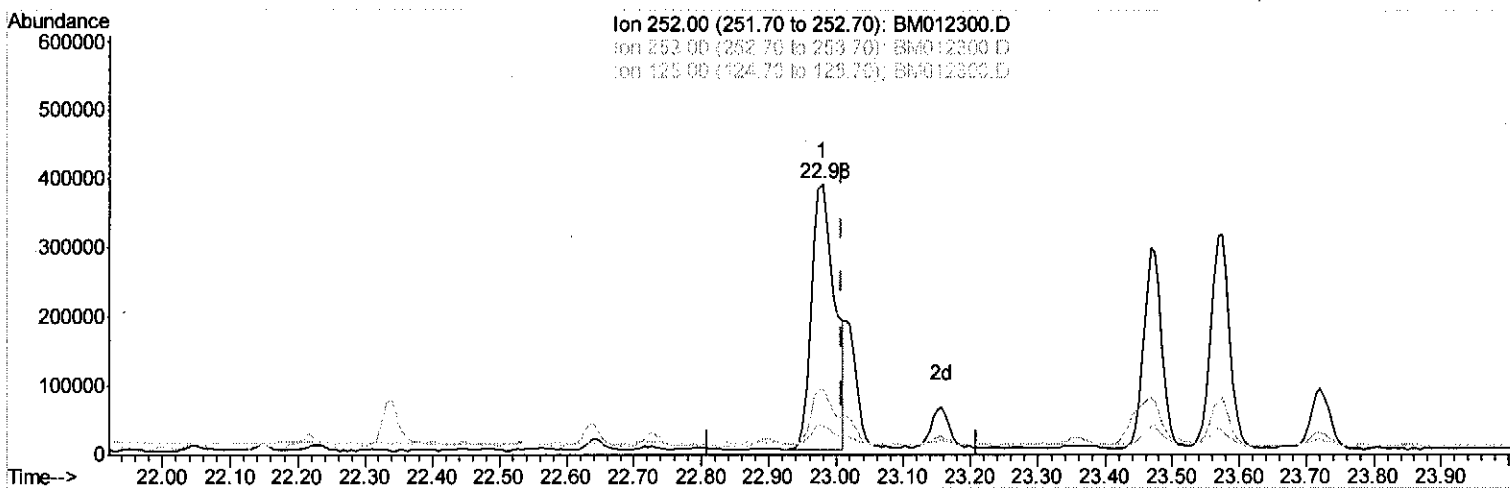
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 Data File : BM012300.D
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 Operator : SJ/JU
 Sample : I5693-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
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Manual Integrations
 APPROVED

Sohil
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(86) Benzo(k)fluoranthene
 22.980min (-0.029) 15.14ng/ul
 response 916906

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	24.56
125.00	6.10	10.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

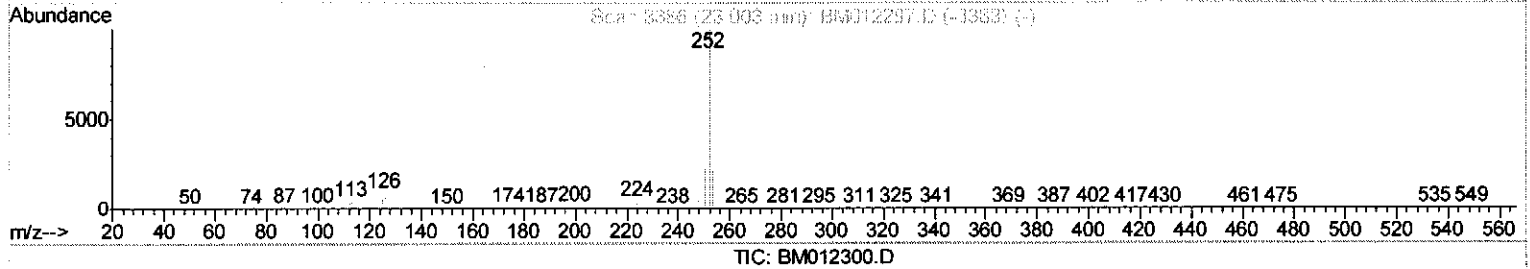
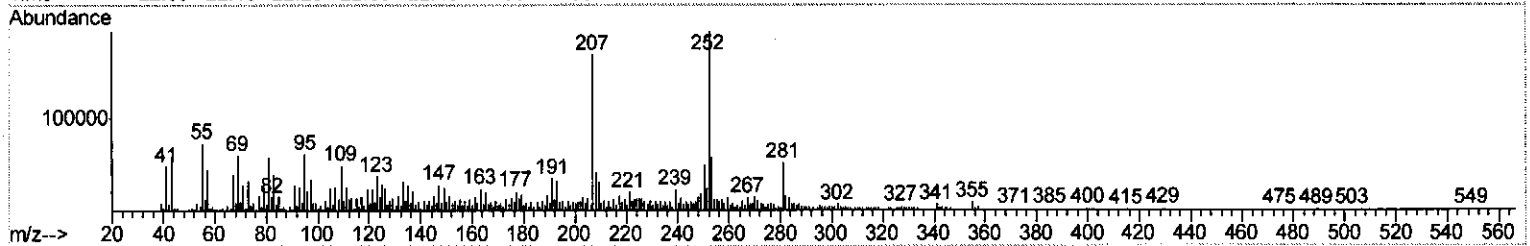
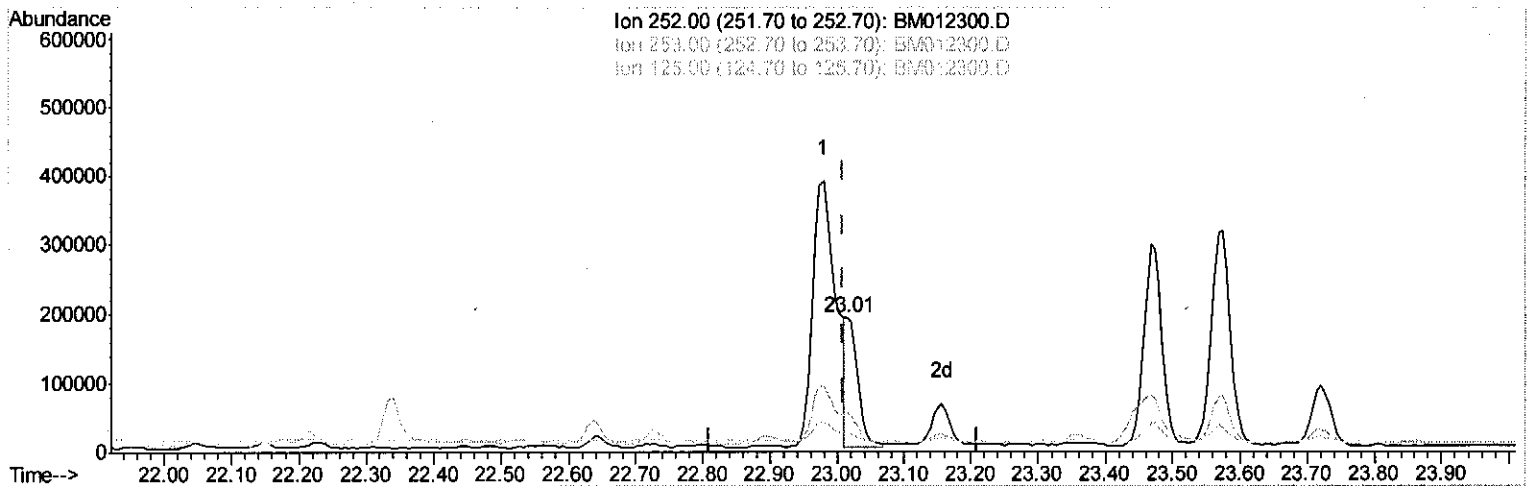
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Manual Integrations
 APPROVED

Sohil
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 Response via : Initial Calibration



(86) Benzo(k)fluoranthene

23.015min (+0.006) 3.87ng/ul m

response 234266

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	29.27#
125.00	6.10	14.65#
0.00	0.00	0.00

JU 10/24/17

Data Path : Z:\HPCHEM1\BNA_M\Data\BM101817\
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Instrument :
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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	7.78	152	201156	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	802653	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	607981	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	864690	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	923946	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	962775	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	8629	2.04	ng/uL	0.00
5) Phenol-d5	6.96	99	188060	11.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	136663	13.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	165591	11.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	133707	9.52	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	108309	17.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	94441	13.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	160170	11.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	2113	0.17	ng/ul	0.01
43) Dimethylphthalate-d6	13.84	166	636021	11.84	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	831771	12.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	5476	0.68	ng/ul	-0.03
57) Fluorene-d10	15.43	176	551640	12.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	51723	8.72	ng/ul	0.00
70) Anthracene-d10	17.28	188	572042	13.38	ng/ul	0.00
76) Pyrene-d10	19.58	212	627006	13.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	606624	13.07	ng/ul	0.02

Target Compounds

					Qvalue
24) 2,4-Dimethylphenol	9.77	107	98072	6.340 ng/ul#	43
28) Naphthalene	10.63	128	422703	10.179 ng/ul#	96
34) 2-Methylnaphthalene	12.25	142	1119334	35.719 ng/ul	97
40) 1,1'-Biphenyl	13.26	154	107665	2.098 ng/ul	98
44) Dimethylphthalate	13.89	163	368139	6.838 ng/ul	99
49) Acenaphthene	14.50	153	87819	2.041 ng/ul	93
53) Dibenzofuran	14.83	168	64116m	1.035 ng/ul	→ 90 10/24/17
58) Fluorene	15.48	166	102074	1.984 ng/ul#	92
69) Phenanthrene	17.23	178	668373	13.588 ng/ul	98
71) Anthracene	17.32	178	109442m	2.149 ng/ul	→ 90 10/24/17
73) Di-n-butylphthalate	18.14	149	63223	1.057 ng/ul#	89
74) Fluoranthene	19.24	202	741453	12.490 ng/ul#	95
77) Pyrene	19.61	202	917817	15.042 ng/ul	98
80) Benzo(a)anthracene	21.36	228	558818	9.295 ng/ul#	92
82) Chrysene	21.41	228	630324	11.167 ng/ul#	92
85) Benzo(b)fluoranthene	22.98	252	916906	14.594 ng/ul#	93
86) Benzo(k)fluoranthene	23.01	252	234266m	3.869 ng/ul	→ 90 10/24/17
88) Benzo(a)pyrene	23.57	252	611509	10.326 ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	26.02	276	514822	8.187 ng/ul	99
90) Dibenzo(a,h)anthracene	26.02	278	136756	2.587 ng/ul#	68
91) Benzo(g,h,i)perylene	26.74	276	465194	9.032 ng/ul#	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed