Data Path : Z:\HPCHEM1\BNA_M\Data\BM062317\
Data File : BM010744.D
Acq On : 24 Jun 2017 23:39
Operator : SJ/JU
Sample : I3653-03MEDL 25X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Quant Time: Jun 26 08:44:32 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

Instrument :
BNA_M
ClientSampleId :
F5B20MEDL

Manual Integrations APPROVED
mohammad
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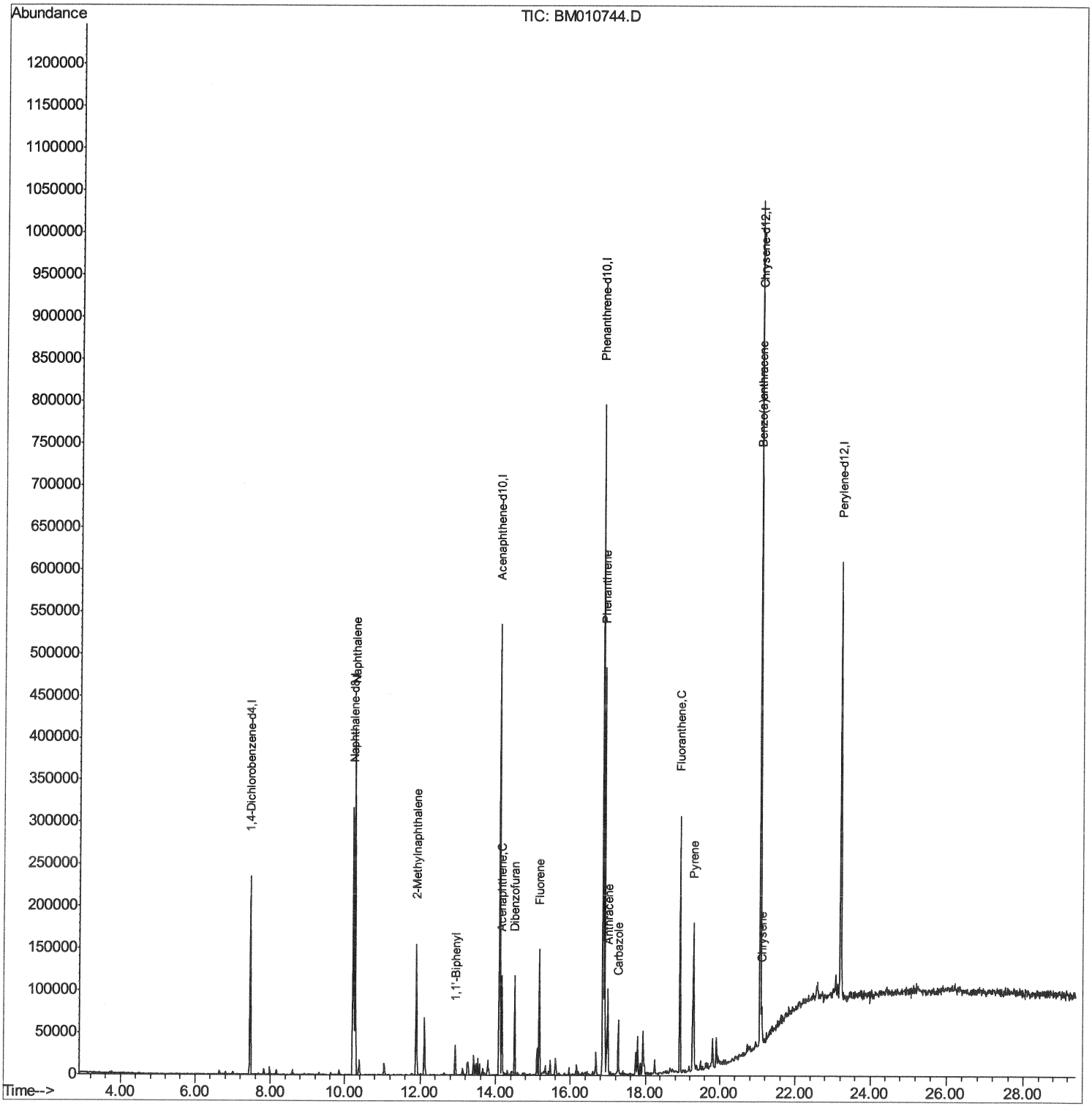

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM062317\
Data File : BM010744.D
Acq On : 24 Jun 2017 23:39
Operator : SJ/JU
Sample : I3653-03MEDL 25X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Quant Time: Jun 26 04:58:06 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

Instrument :
BNA_M
ClientSampleId :
F5B20MEDL

Manual Integrations APPROVED
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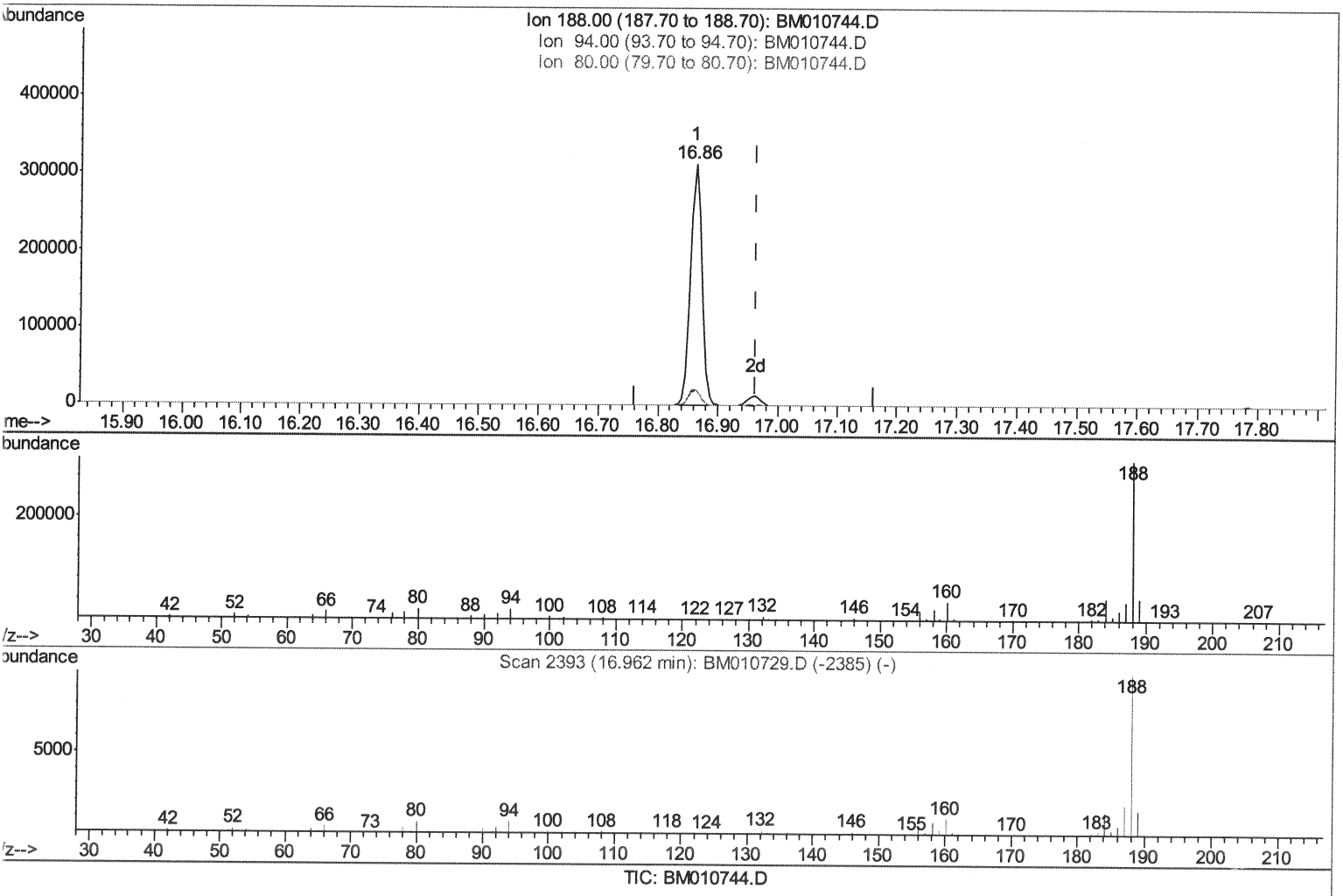

(70) Anthracene-d10 (S)

16.862min (-0.100) 20.71ng/ul

response 411389

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	6.32
80.00	5.90	6.41
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM062317\
Data File : BM010744.D
Acq On : 24 Jun 2017 23:39
Operator : SJ/JU
Sample : I3653-03MEDL 25X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Quant Time: Jun 26 04:58:06 2017
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Quant Title : SVOA CALIBRATION
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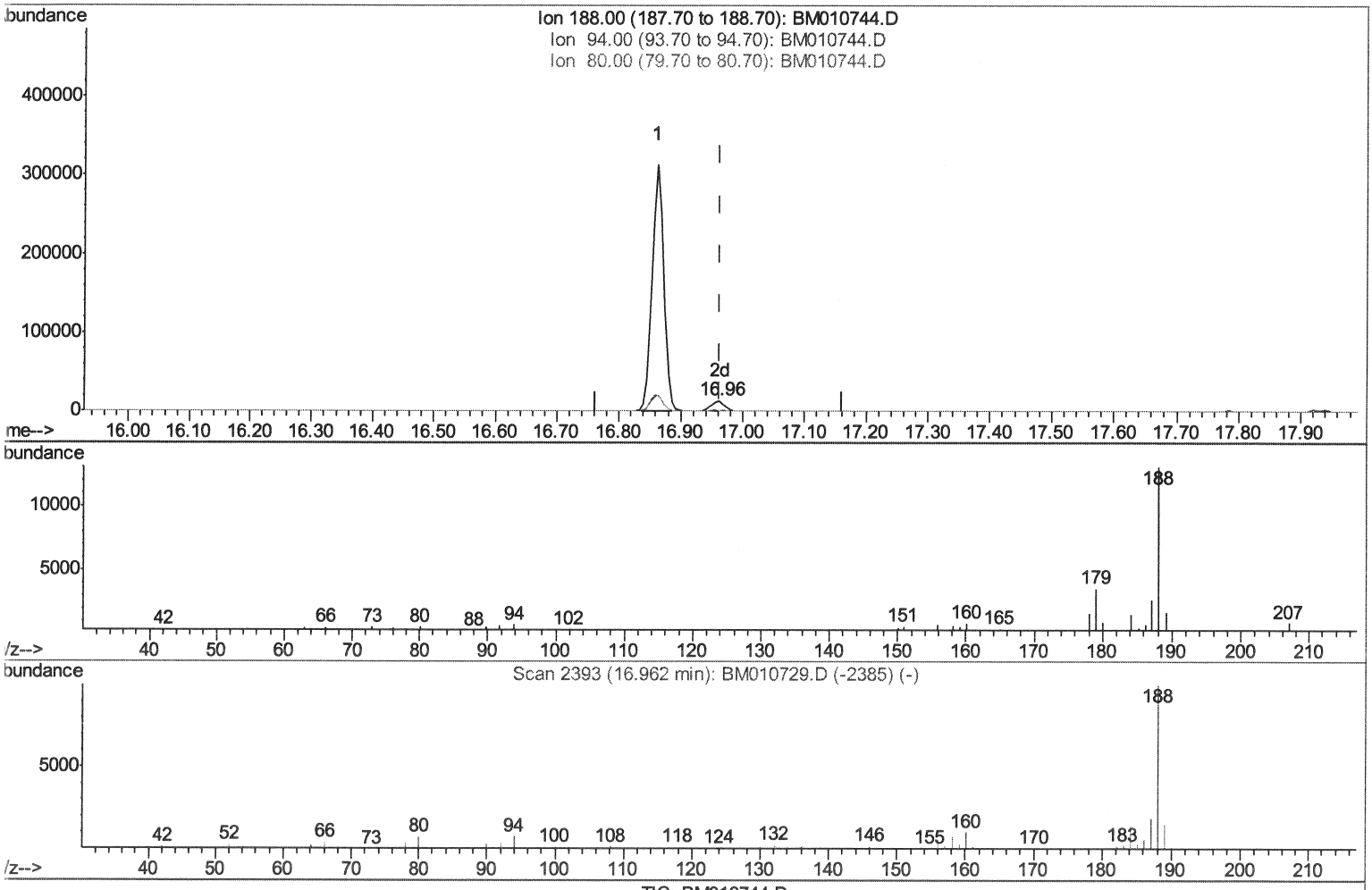
Instrument :
BNA_M
ClientSampleId :
F5B20MEDL

Manual Integrations APPROVED
mohammad
6/28/2017 7:45:10 AM



TIC: BM010744.D

(70) Anthracene-d10 (S)

16.962min (-0.000) 0.96ng/ul m SJ

response 19105 6/29/17

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	5.64
80.00	5.90	4.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM062317\
Data File : BM010744.D
Acq On : 24 Jun 2017 23:39
Operator : SJ/JU
Sample : I3653-03MEDL 25X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Quant Time: Jun 26 04:58:06 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

Instrument :
BNA_M
ClientSampleId :
F5B20MEDL

Manual Integrations APPROVED
mohammad
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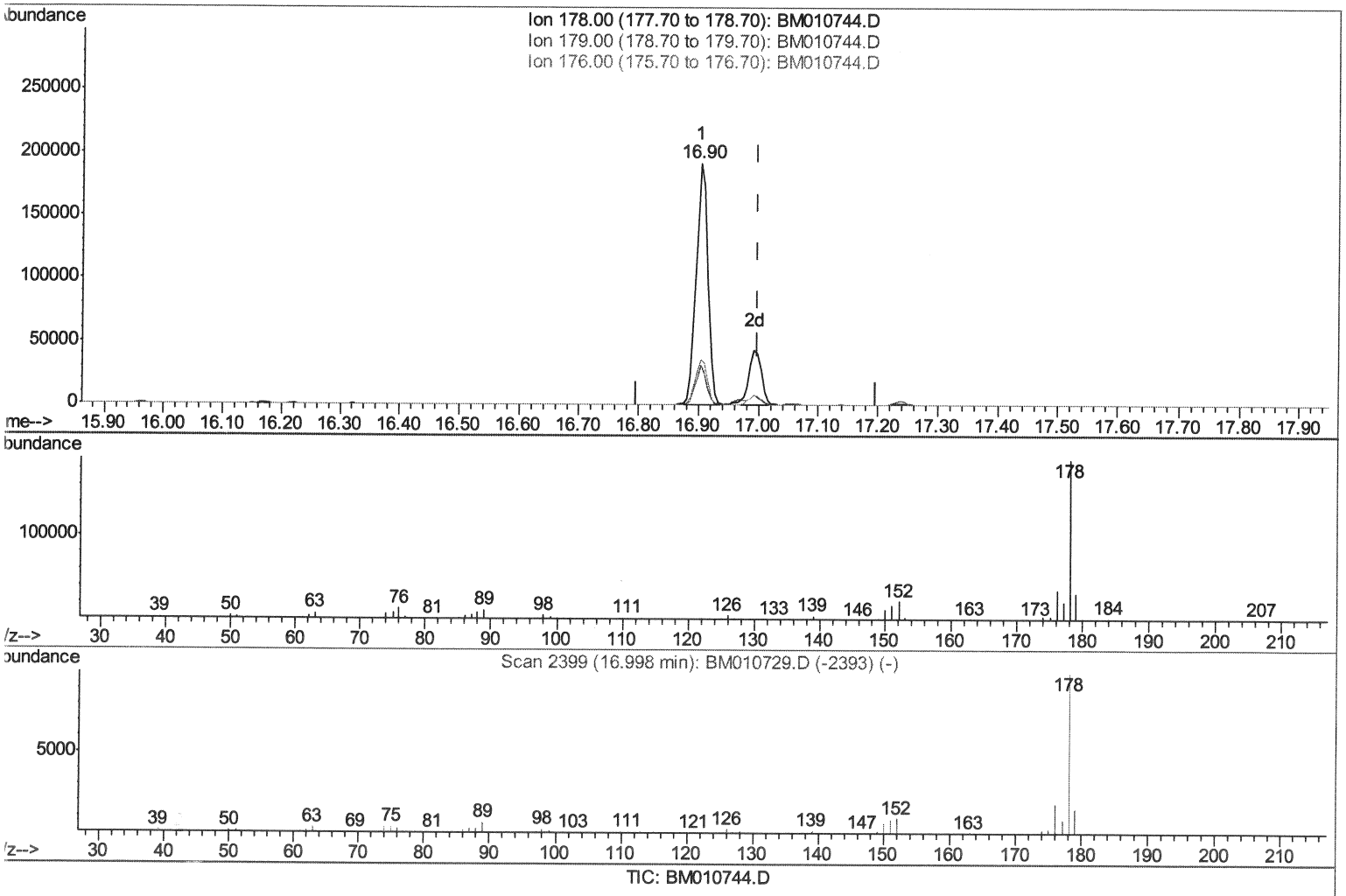

(71) Anthracene

16.904min (-0.094) 11.74ng/ul

response 264425

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	16.40
176.00	18.20	18.64
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM062317\
Data File : BM010744.D
Acq On : 24 Jun 2017 23:39
Operator : SJ/JU
Sample : I3653-03MEDL 25X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Quant Time: Jun 26 04:58:06 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

Instrument :
BNA_M
ClientSampleId :
F5B20MEDL

Manual Integrations APPROVED
mohammad
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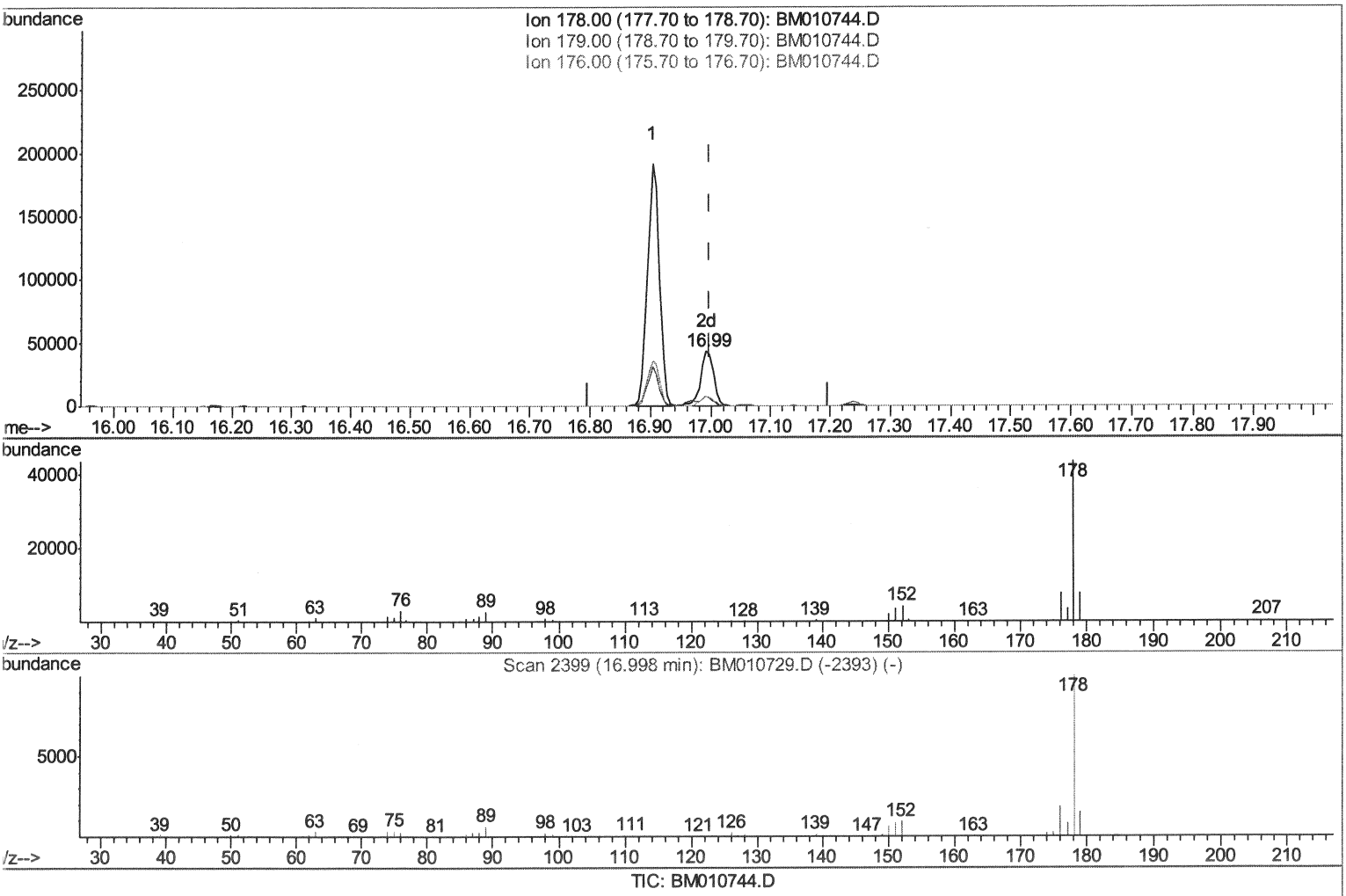

TIC: BM010744.D

(71) Anthracene

16.992min (-0.006) 2.92ng/ul m SJ

response 65903 6/29/17

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	18.06#
176.00	18.20	18.37
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM062317\
Data File : BM010744.D
Acq On : 24 Jun 2017 23:39
Operator : SJ/JU
Sample : I3653-03MEDL 25X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Quant Time: Jun 26 04:58:06 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

Instrument :
BNA_M
ClientSampleId :
F5B20MEDL

Manual Integrations APPROVED
mohammad
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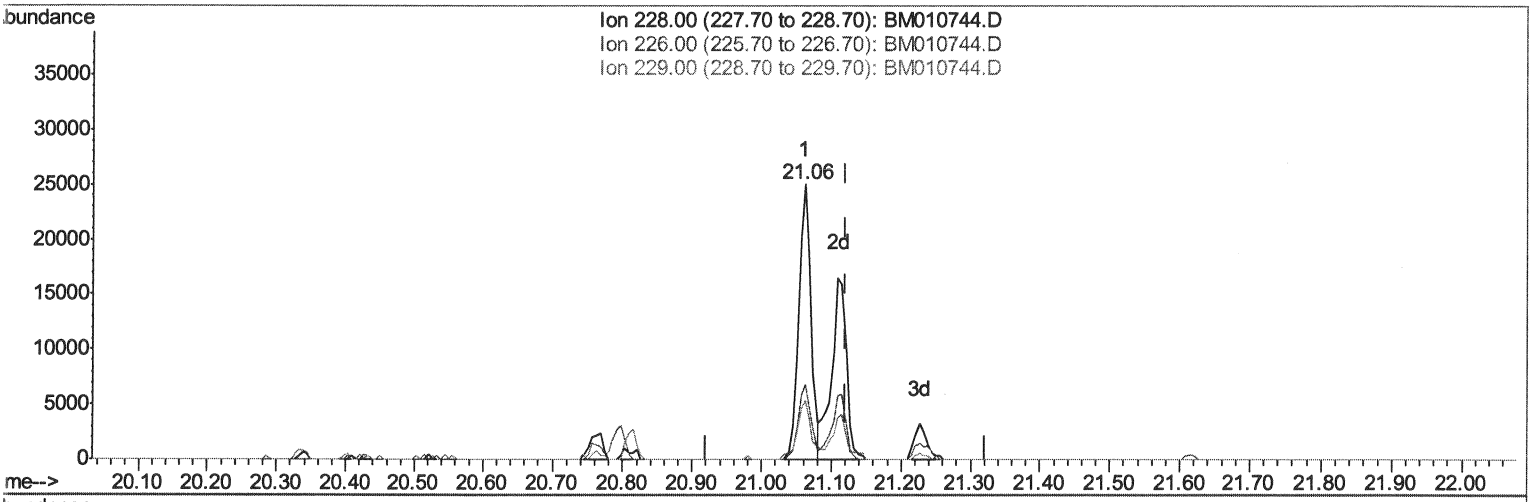

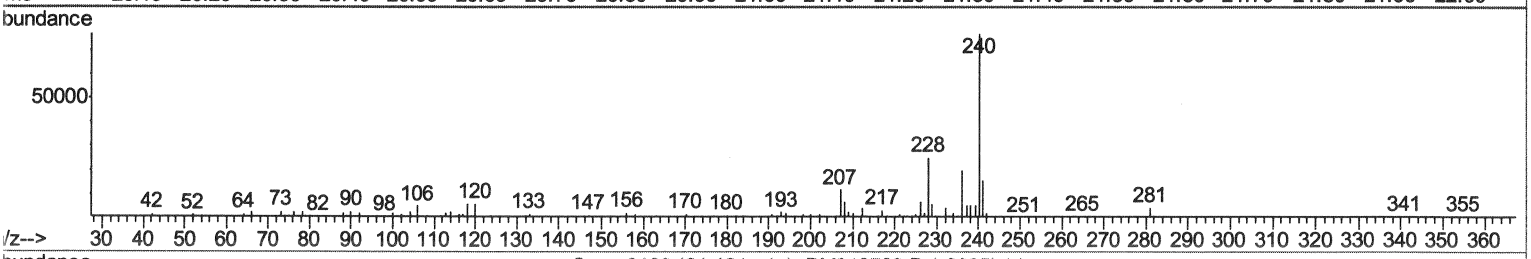

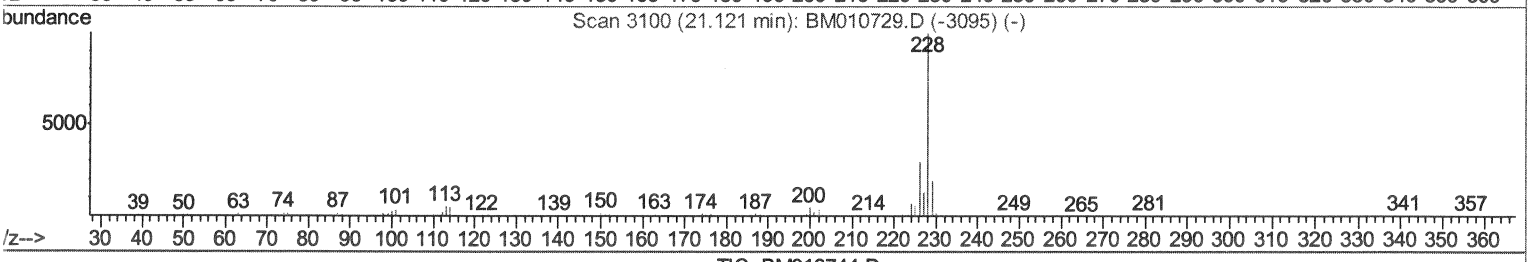

TIC: BM010744.D

(82) Chrysene

21.062min (-0.059) 1.31ng/ul

response 30867

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	27.44
229.00	19.40	21.52
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM062317\
Data File : BM010744.D
Acq On : 24 Jun 2017 23:39
Operator : SJ/JU
Sample : I3653-03MEDL 25X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Quant Time: Jun 26 04:58:06 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

Instrument :
BNA_M
ClientSampleId :
F5B20MEDL

Manual Integrations APPROVED
mohammad
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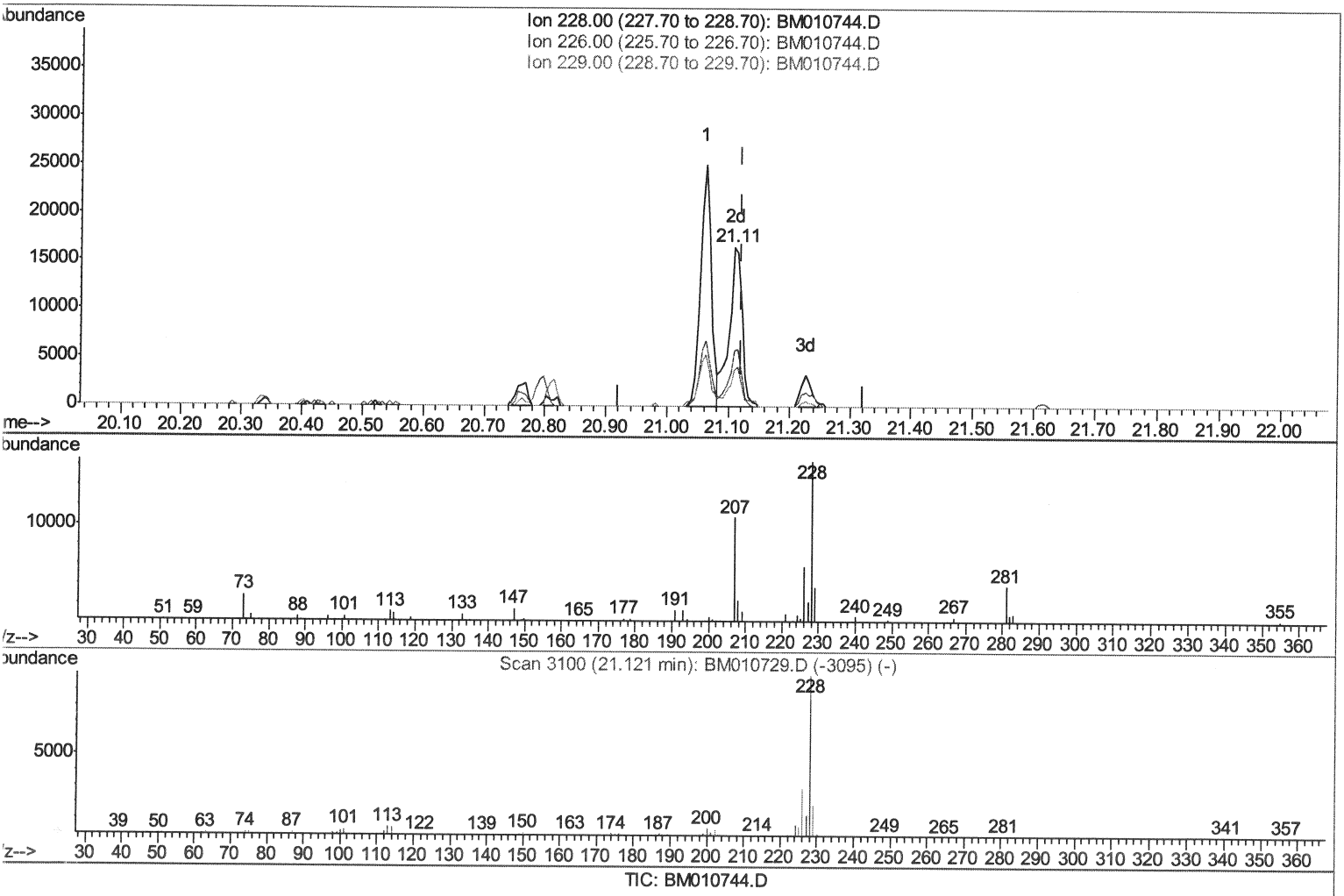

(82) Chrysene

21.109min (-0.012) 1.05ng/ul m SJ 6/29/17

response 24631

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	35.32#
229.00	19.40	22.47
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM062317\
Data File : BM010744.D
Acq On : 24 Jun 2017 23:39
Operator : SJ/JU
Sample : I3653-03MEDL 25X
Misc :
ALS Vial : 59 Sample Multiplier: 1

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QLast Update : Mon Jun 26 04:54:47 2017
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : F5B20MEDL

Manual Integrations APPROVED
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6/28/2017 7:45:10 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	50207	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	227029	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	159223	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	411389	20.00	ng/ul	0.00
75) Chrysene-d12	21.07	240	453042	20.00	ng/ul	0.00
83) Perylene-d12	23.21	264	353929	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.64	99	3210	0.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	1882	0.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	2551	0.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	2867	0.72	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	1289	0.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	622	0.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	2841	0.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	4116	0.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	12143	0.87	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	12840	0.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	1368	0.56	ng/ul	0.00
57) Fluorene-d10	15.11	176	11969	0.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	1176	0.47	ng/ul	0.00
70) Anthracene-d10	16.96	188	19105m>	0.96	ng/ul	0.00
76) Pyrene-d10	19.27	212	20831	0.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	14861	0.87	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.27	128	279017	24.696	ng/ul	97
34) 2-Methylnaphthalene	11.89	142	60894	6.705	ng/ul	97
40) 1,1'-Biphenyl	12.93	154	17369	1.395	ng/ul#	96
49) Acenaphthene	14.17	153	45740	4.379	ng/ul	98
53) Dibenzofuran	14.51	168	60283	3.811	ng/ul#	82
58) Fluorene	15.16	166	58651	4.428	ng/ul	95
69) Phenanthrene	16.90	178	264425	12.090	ng/ul	99
71) Anthracene	16.99	178	65903m>	2.925	ng/ul	
72) Carbazole	17.27	167	35933	1.828	ng/ul	98
74) Fluoranthene	18.93	202	162596	5.769	ng/ul#	98
77) Pyrene	19.30	202	106377	4.065	ng/ul#	95
80) Benzo(a)anthracene	21.06	228	30867	1.170	ng/ul	97
82) Chrysene	21.11	228	24631m>	1.047	ng/ul	

SJ 6/29/17

SJ 6/29/17

SJ 6/29/17

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