

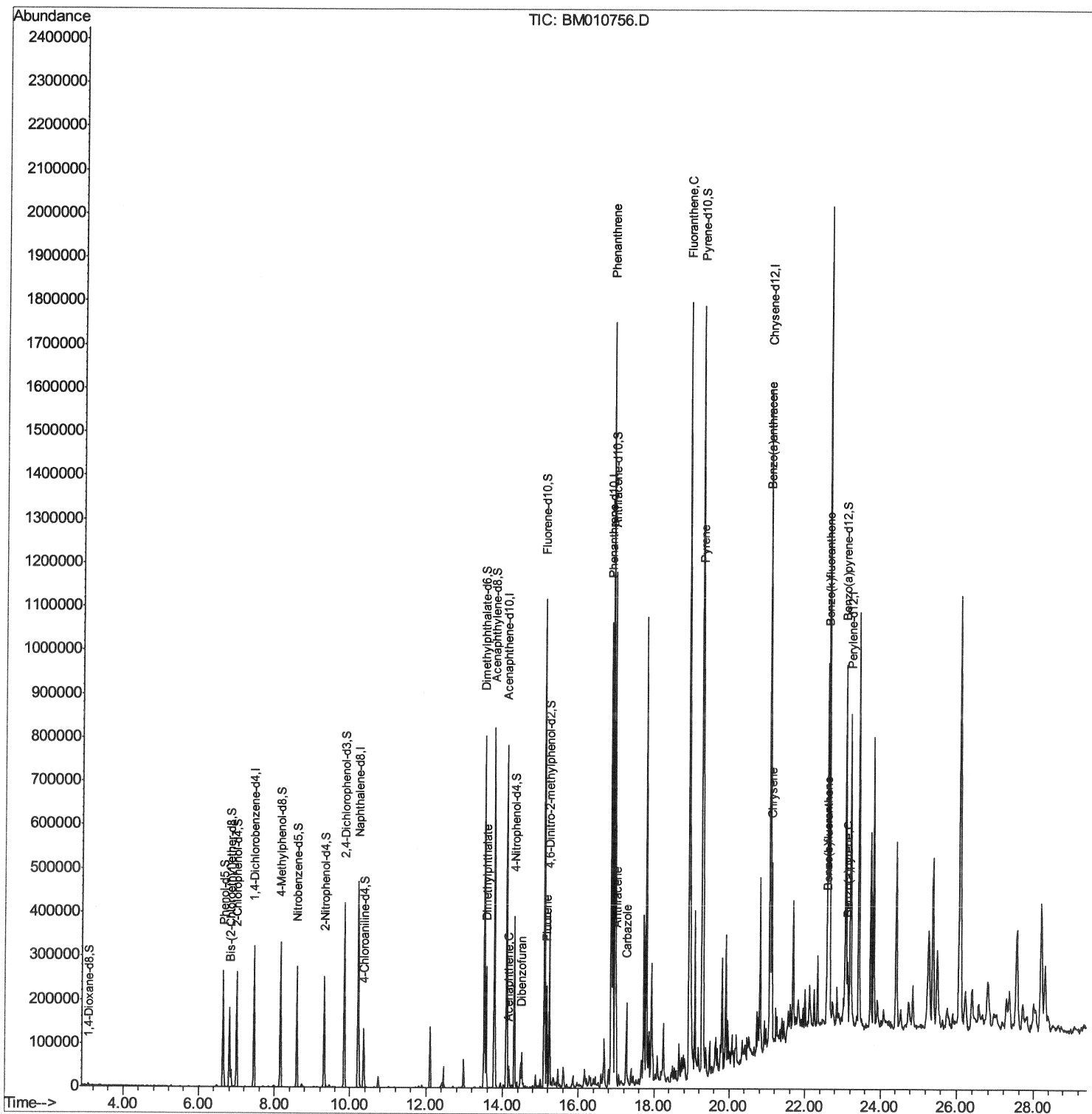
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062617\
Data File : BM010756.D
Acq On : 26 Jun 2017 21:39
Operator : SJ/JU
Sample : I3756-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD8

Manual Integrations
APPROVED

mohammad
6/28/2017 7:54:02 AM

Quant Time: Jun 27 02:12:04 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 27 01:28:19 2017
Response via : Initial Calibration



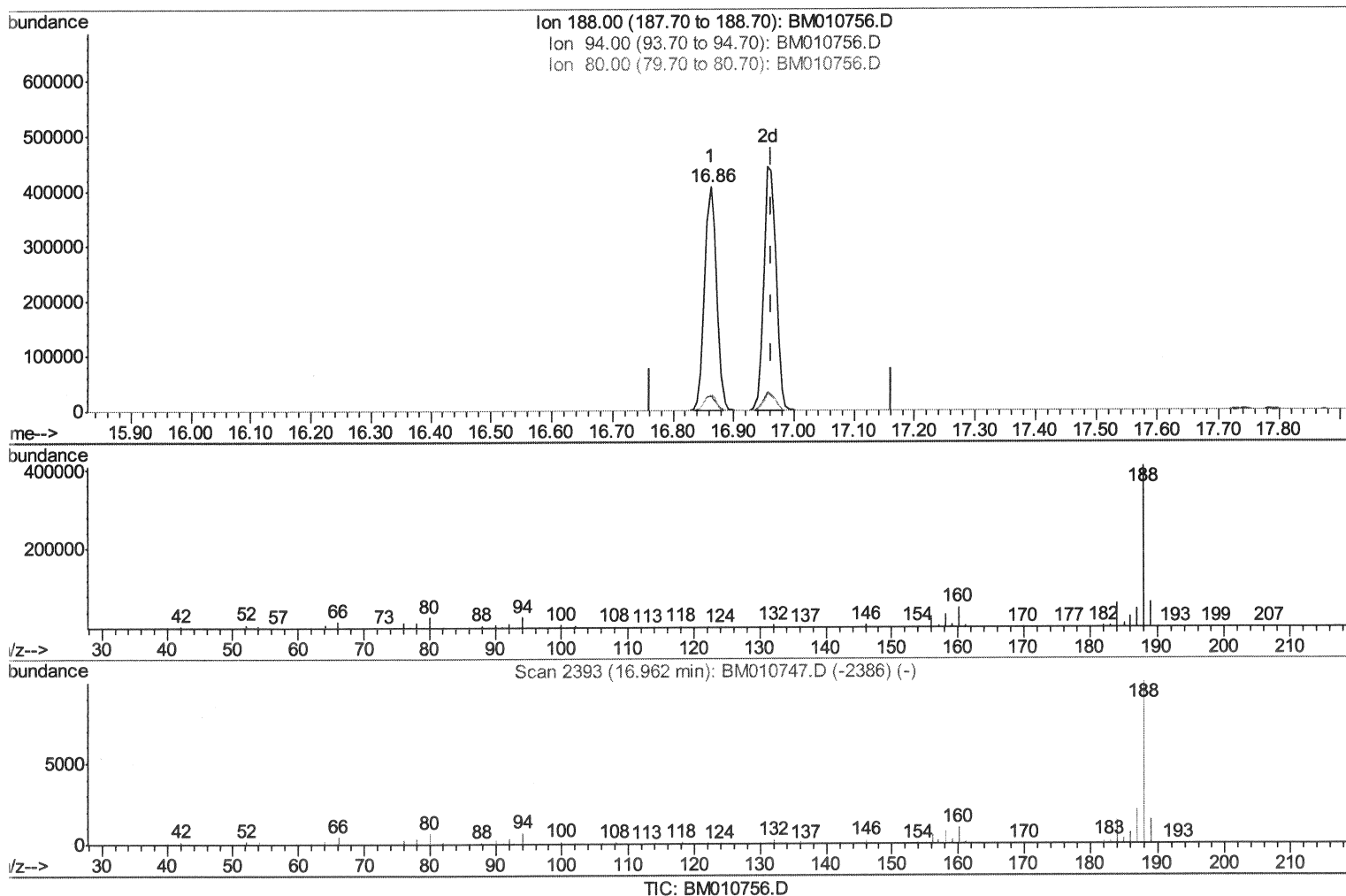
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(70) Anthracene-d10 (S)

16.862min (-0.100) 20.71ng/ul

response 570164

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	6.66
80.00	5.90	6.86
0.00	0.00	0.00

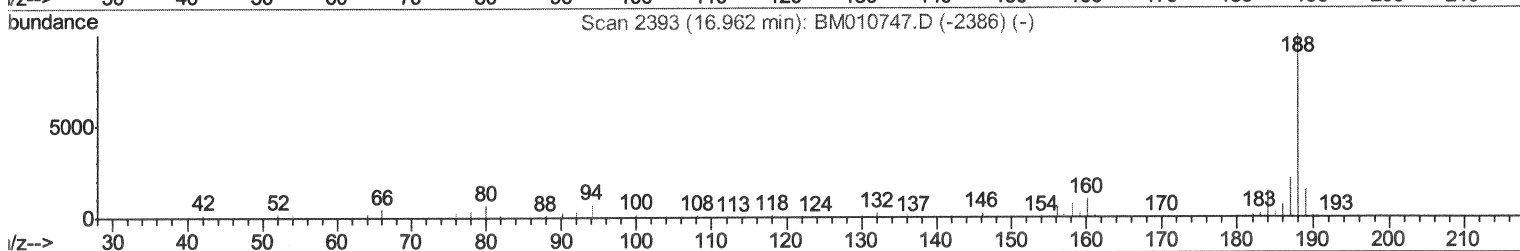
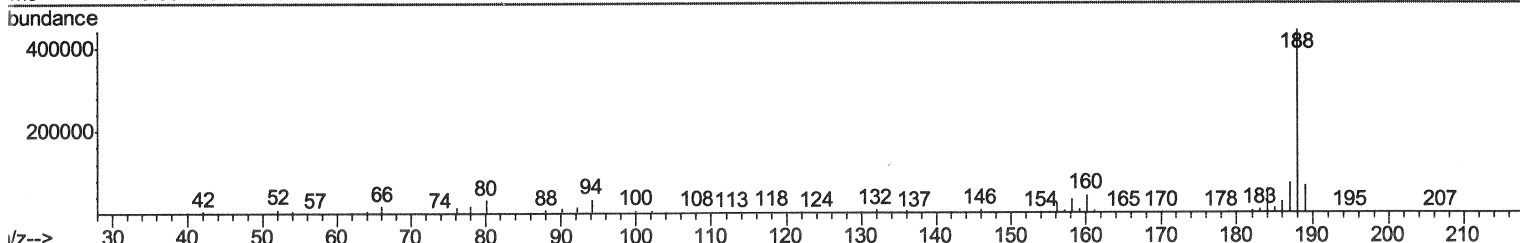
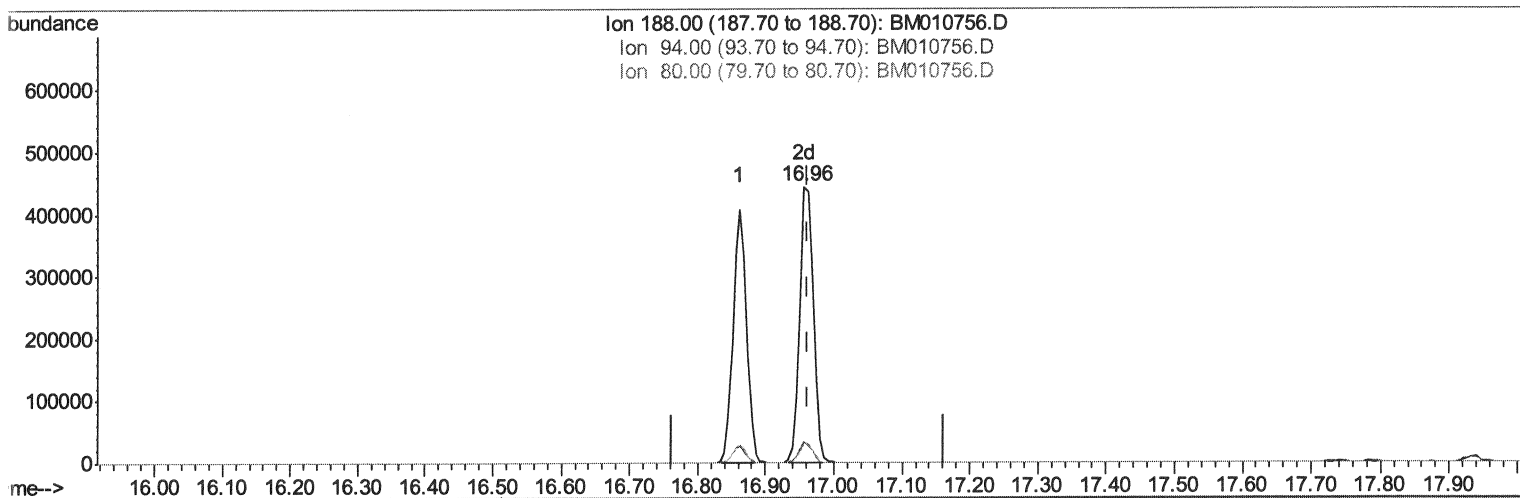
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TIC: BM010756.D

(70) Anthracene-d10 (S)

16.957min (-0.006) 22.45ng/ul m 52 6/29/17

response 618126

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	7.76#
80.00	5.90	7.28#
0.00	0.00	0.00

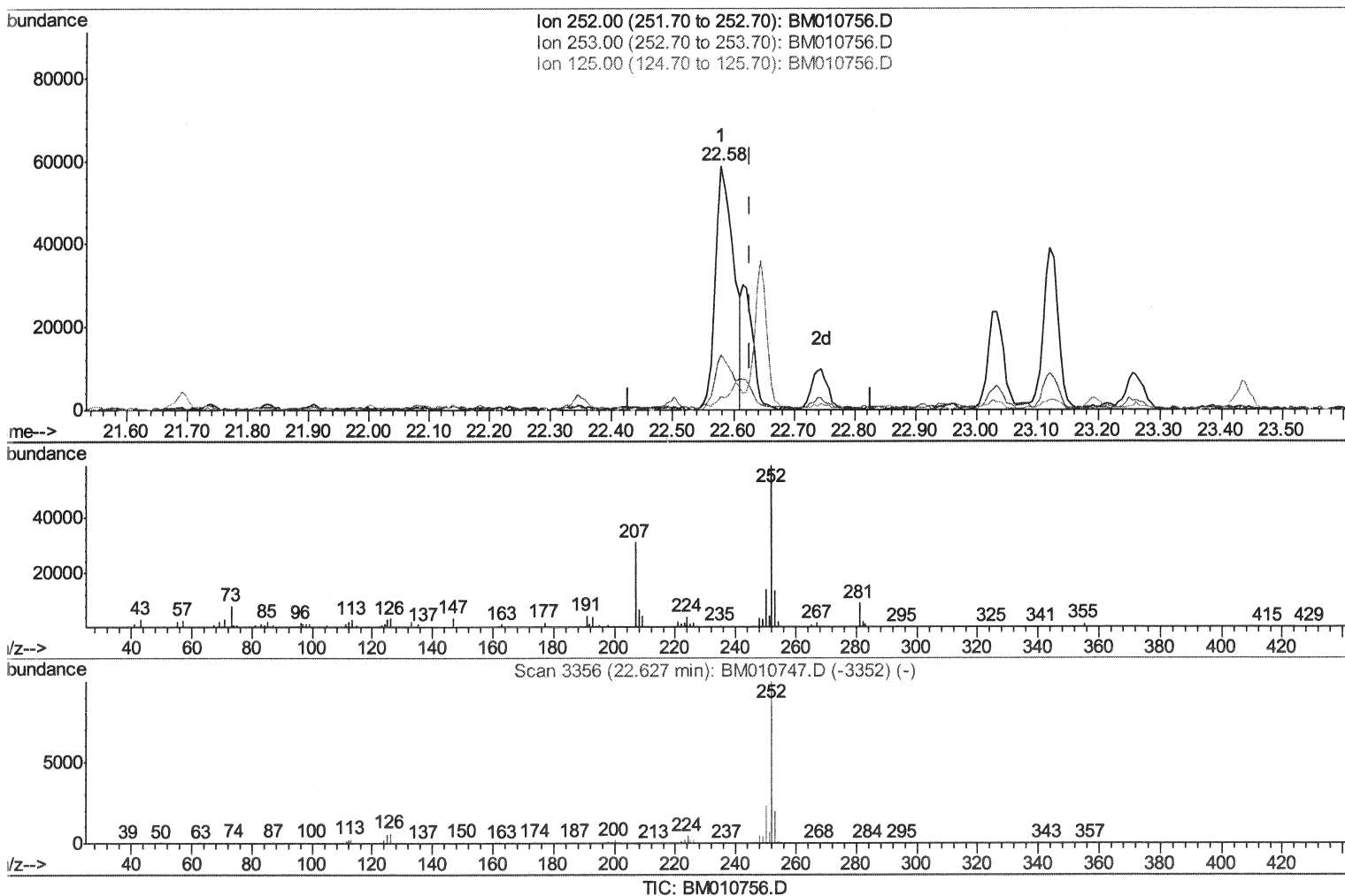
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Instrument :
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Manual Integrations
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mohammad
6/28/2017 7:54:02 AM

Quant Time: Jun 27 02:10:37 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



(86) Benzo(k)fluoranthene

22.580min (-0.047) 4.38ng/ul

response 122553

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.93
125.00	4.30	5.55#
0.00	0.00	0.00

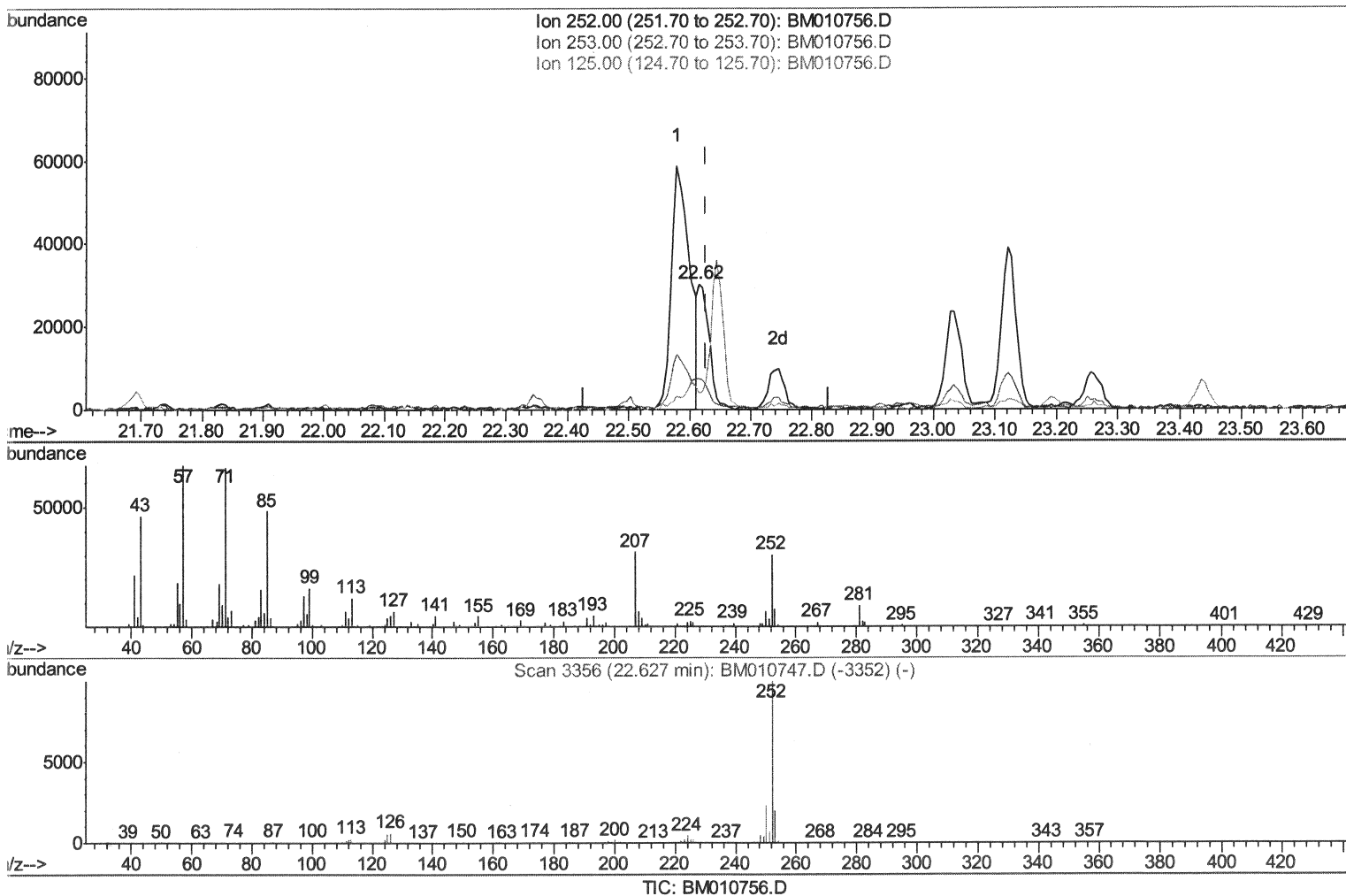
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Jun 27 02:10:37 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 27 01:28:19 2017
Response via : Initial Calibration



(86) Benzo(k)fluoranthene

22.615min (-0.012) 1.43ng/ul m

response 40106

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.72
125.00	4.30	12.89#
0.00	0.00	0.00

SJ
6/29/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	76754	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	342495	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	237136	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	570164	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	628720	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	454158	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	3971	2.96	ng/uL	0.00
5) Phenol-d5	6.65	99	128457	17.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	74114	17.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	101437	19.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	102374	16.89	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	52551	21.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	63628	22.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	128360	21.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	65495	10.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	464993	22.34	ng/ul	0.00
46) Acenaphthylene-d8	13.79	160	537533	22.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	69016	18.84	ng/ul	0.00
57) Fluorene-d10	15.11	176	402323	22.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	72282	20.64	ng/ul	0.00
70) Anthracene-d10	16.96	188	618126m	22.45	ng/ul	0.00
76) Pyrene-d10	19.27	212	727678	24.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	509177	23.20	ng/ul	0.00

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Target Compounds

						Qvalue
44) Dimethylphthalate	13.57	163	155228	7.607	ng/ul	97
49) Acenaphthene	14.17	153	19266	1.238	ng/ul	97
53) Dibenzofuran	14.51	168	42939	1.823	ng/ul	97
58) Fluorene	15.16	166	87082	4.415	ng/ul	99
69) Phenanthrene	16.90	178	948108	31.278	ng/ul	99
71) Anthracene	16.99	178	147098	4.710	ng/ul	96
72) Carbazole	17.27	167	101830	3.738	ng/ul	97
74) Fluoranthene	18.93	202	978793	25.056	ng/ul#	97
77) Pyrene	19.30	202	645049	17.763	ng/ul#	97
80) Benzo(a)anthracene	21.06	228	223919	6.116	ng/ul	96
82) Chrysene	21.12	228	179209	5.490	ng/ul	97
85) Benzo(b)fluoranthene	22.58	252	122553	4.157	ng/ul#	99
86) Benzo(k)fluoranthene	22.62	252	40106m	1.435	ng/ul	
88) Benzo(a)pyrene	23.12	252	64753	2.386	ng/ul#	99

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