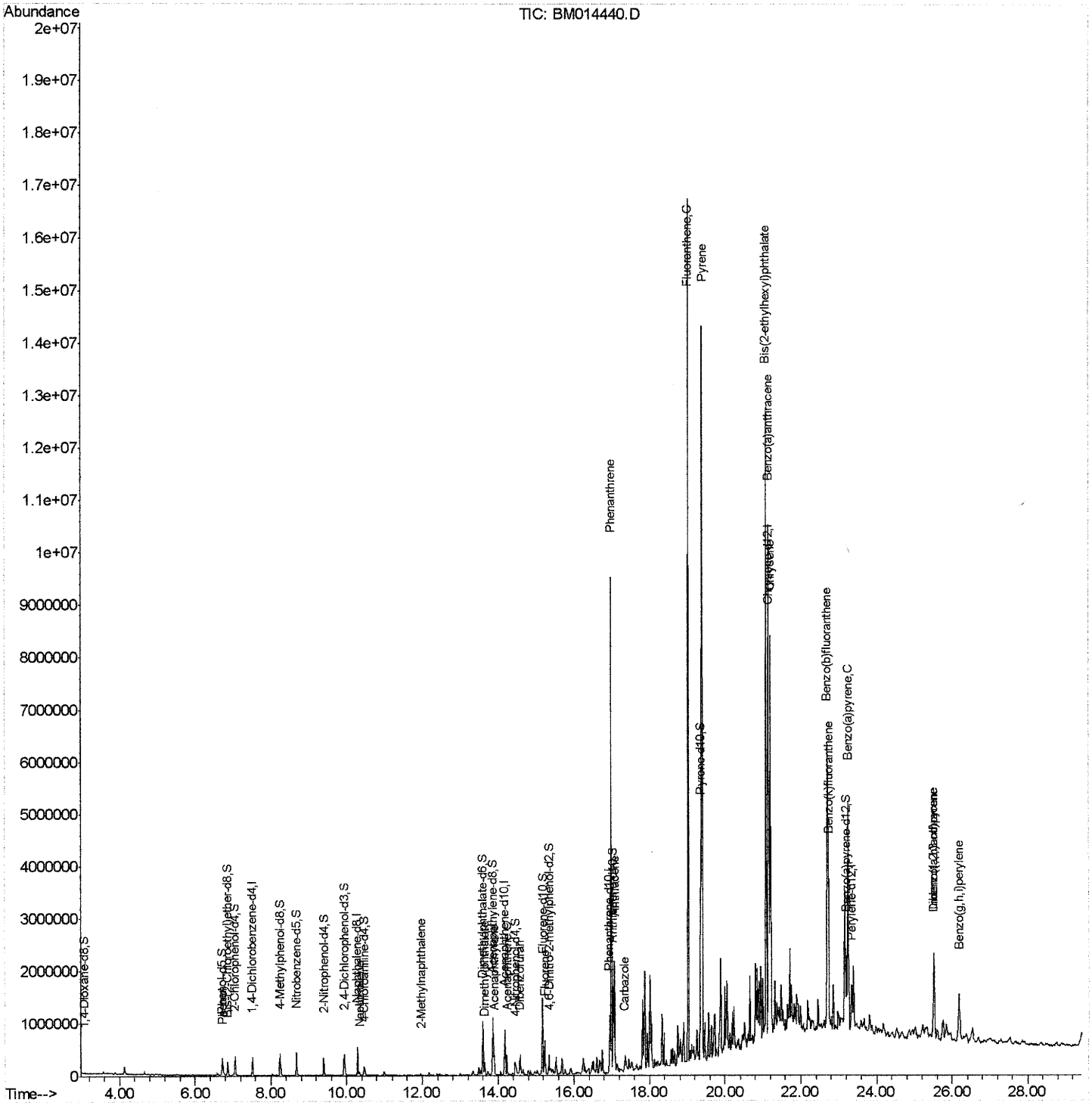
Instrument :
BNA_M
ClientSampleId :
BE5X6

Manual Integrations APPROVED
Sohil
3/2/2018 3:31:57 PM

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030118\
Data File : BM014440.D
Acq On : 01 Mar 2018 19:34
Operator : SJ/JU
Sample : J1646-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 02 10:13:14 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 03:03:26 2018
Response via : Initial Calibration



Instrument :
BNA_M
ClientSampleId :
BE5X6

Manual Integrations APPROVED
Sohil
3/2/2018 3:31:57 PM

Quantitation Report (Qedit)

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Acq On : 01 Mar 2018 19:34
Operator : SJ/JU
Sample : J1646-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 02 10:08:57 2018
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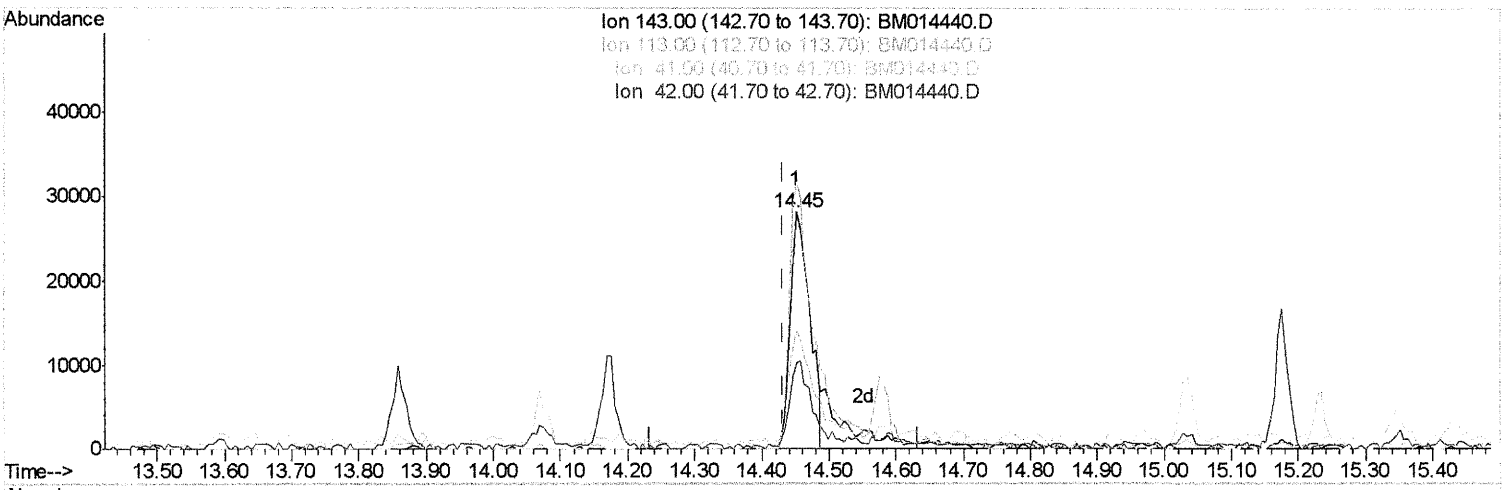
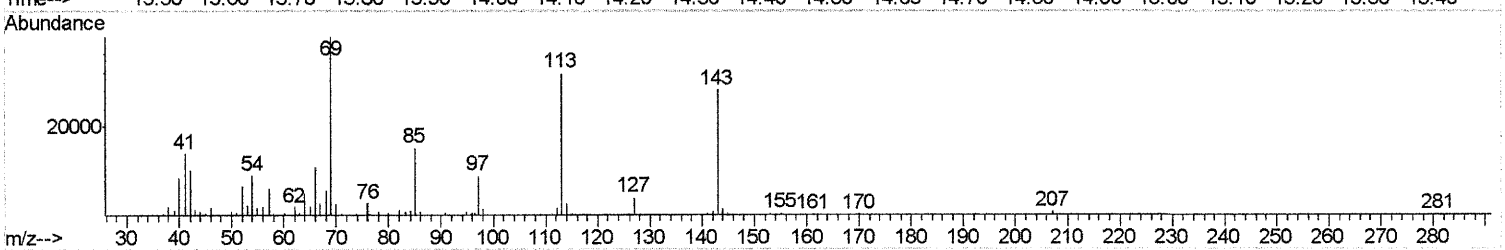
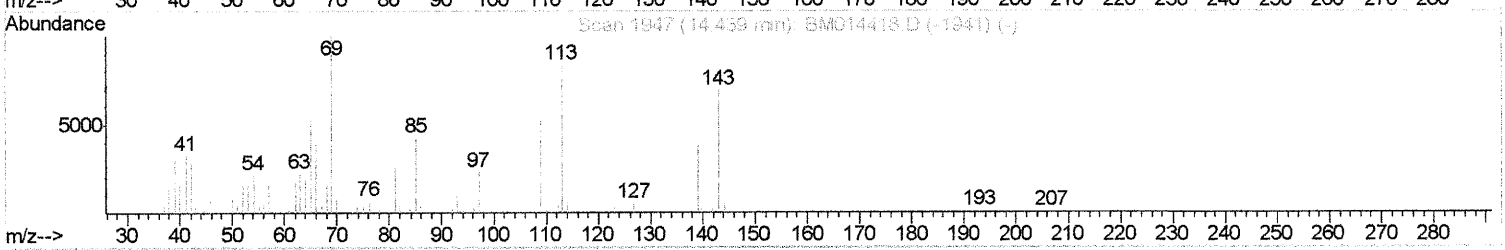
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 03:03:26 2018
Response via : Initial Calibration







TIC: BM014440.D

(51) 4-Nitrophenol-d4 (S)

14.451min (+0.018) 20.45ng/ul

response 58007

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	112.89
41.00	34.80	50.15#
42.00	20.50	36.34#

Instrument :
BNA_M
ClientSampleId :
BE5X6

Manual Integrations APPROVED
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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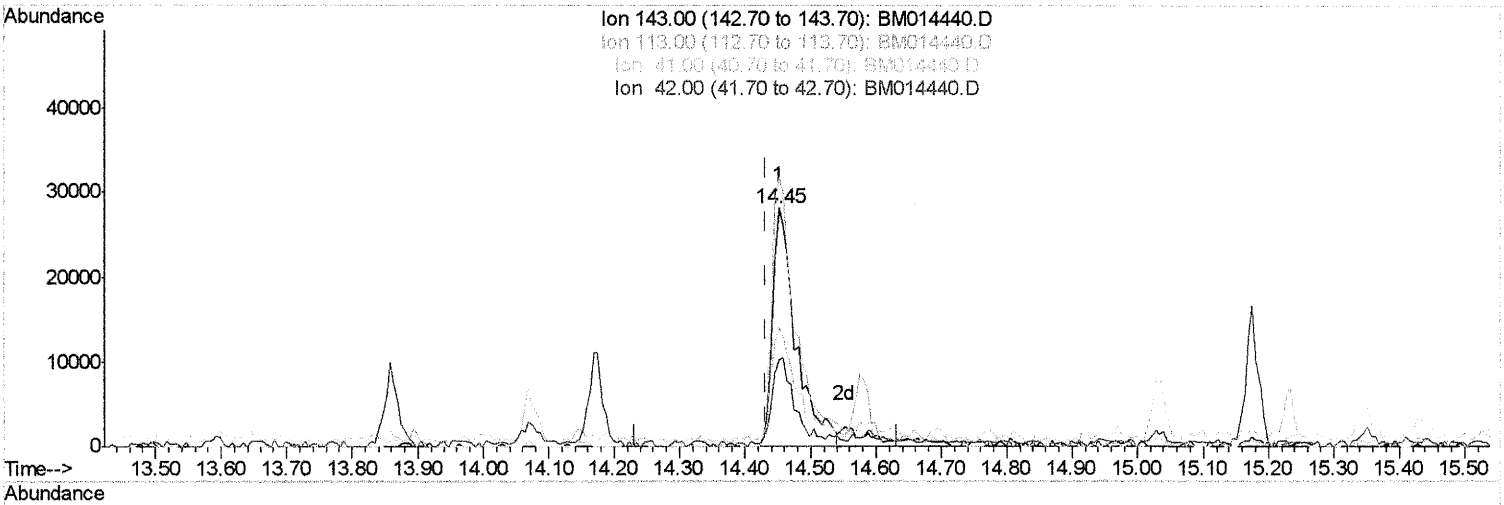

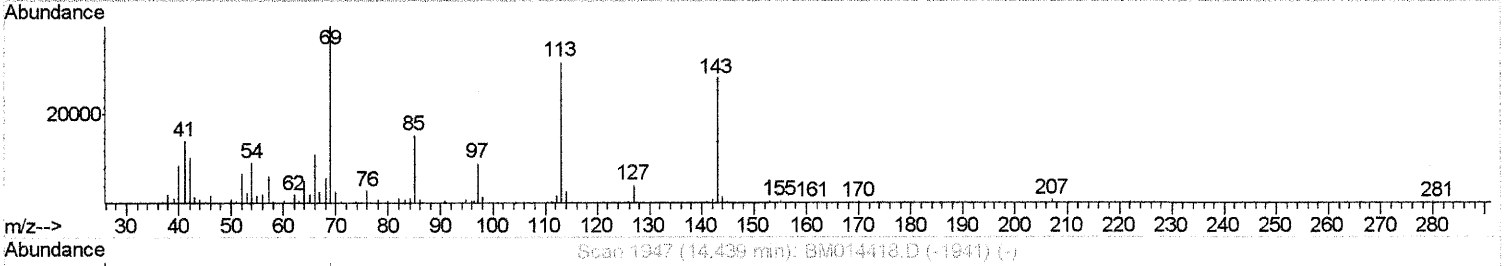

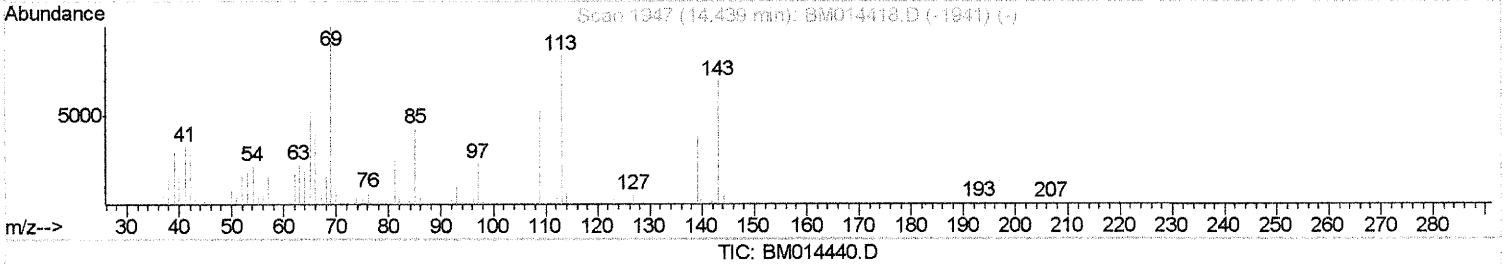

TIC: BM014440.D

(51) 4-Nitrophenol-d4 (S)

14.451min (+0.018) 24.54ng/ul m SJ 3/2/18

response 69609

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	112.89
41.00	34.80	50.15#
42.00	20.50	36.34#

Instrument :
BNA_M
ClientSampleId :
BE5X6

Manual Integrations APPROVED
Sohil
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Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030118\
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Acq On : 01 Mar 2018 19:34
Operator : SJ/JU
Sample : J1646-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 02 10:08:57 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 03:03:26 2018
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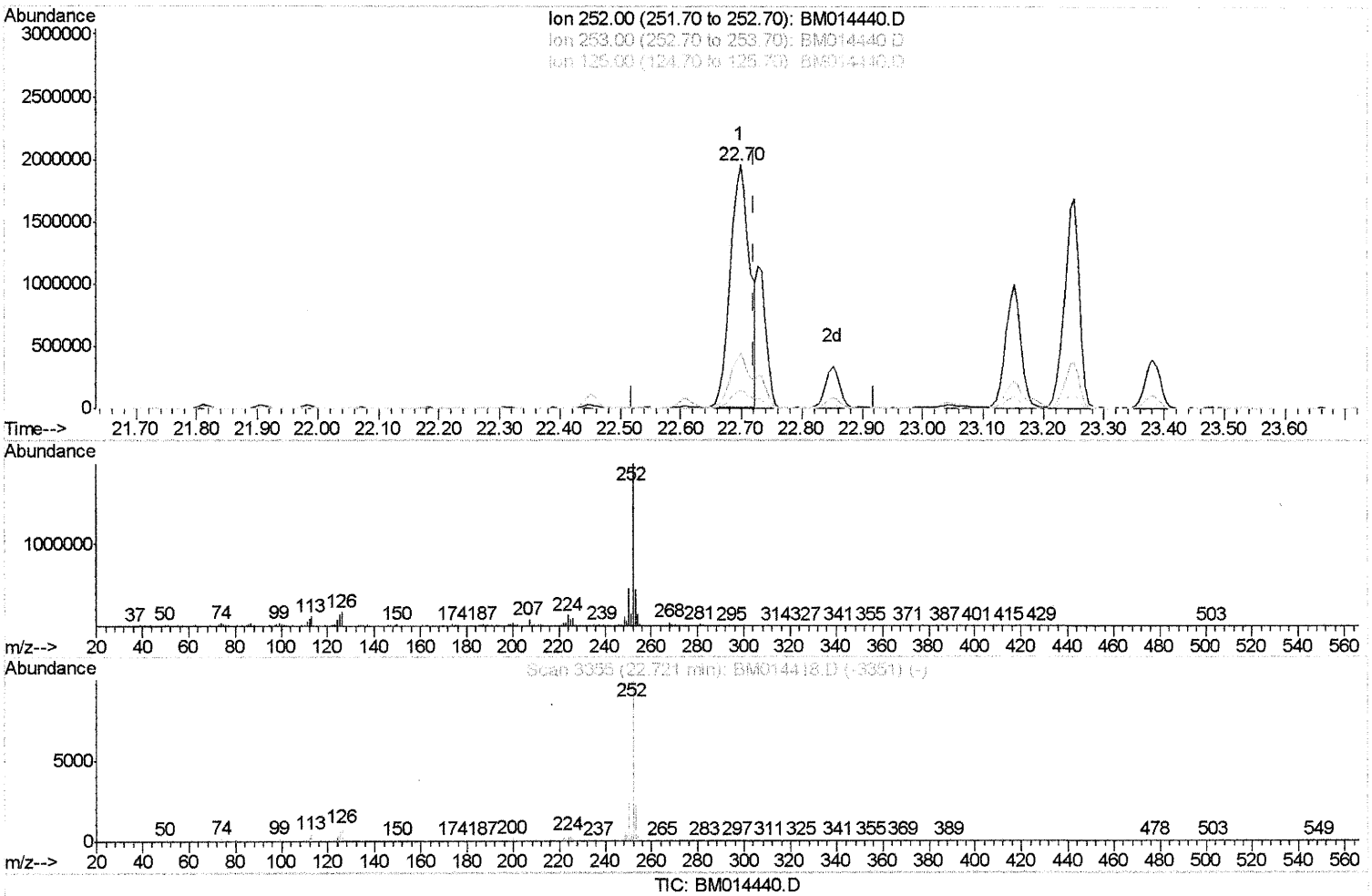

TIC: BM014440.D

(86) Benzo(k)fluoranthene

22.698min (-0.023) 113.10ng/ul

response 4404937

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.64
125.00	4.30	7.51#
0.00	0.00	0.00

Instrument :
BNA_M
ClientSampleId :
BE5X6

Manual Integrations APPROVED
Sohil
3/2/2018 3:31:57 PM

Quantitation Report (Qedit)

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Operator : SJ/JU
Sample : J1646-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

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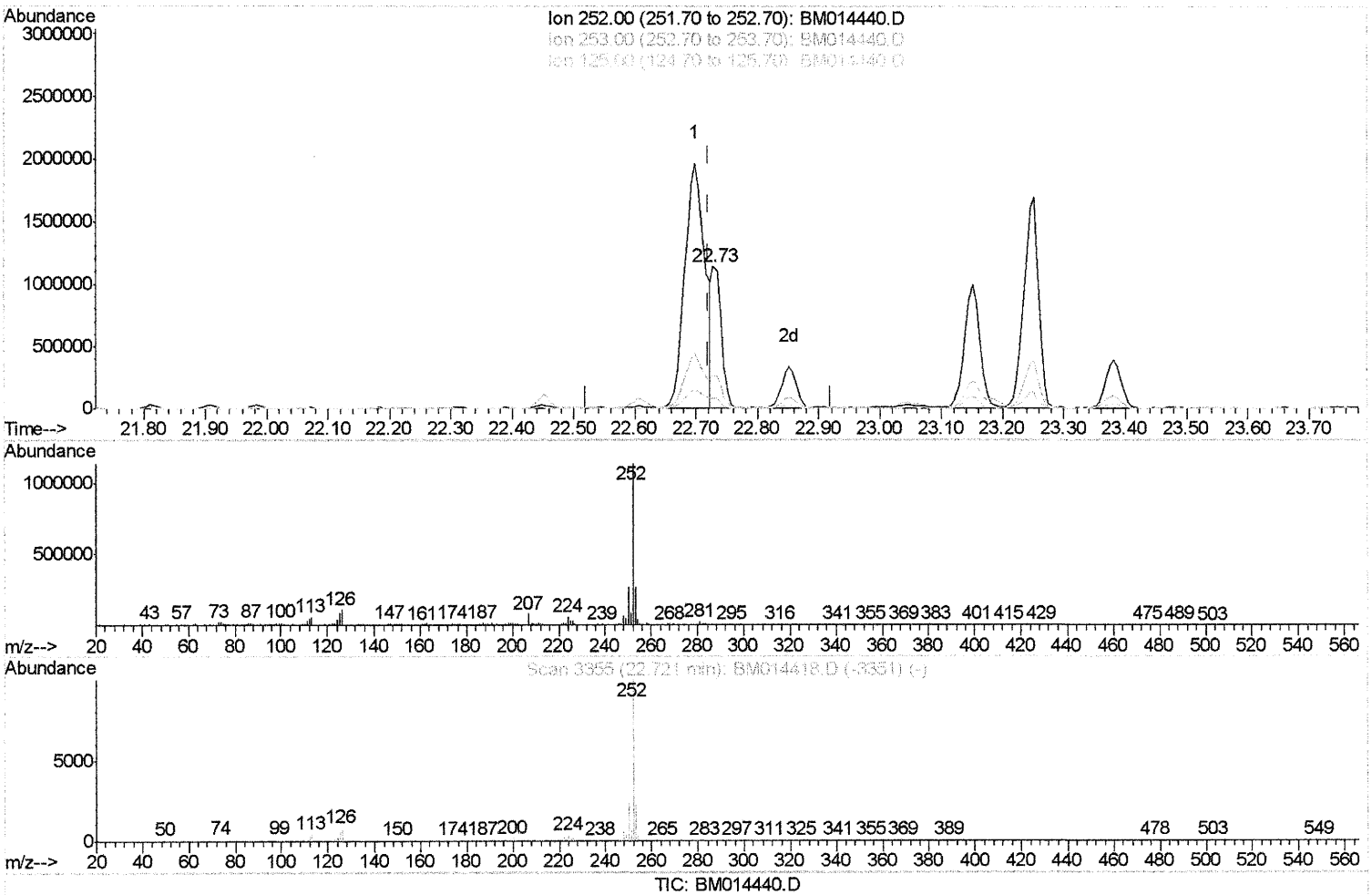
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 03:03:26 2018
Response via : Initial Calibration



TIC: BM014440.D

(86) Benzo(k)fluoranthene

22.727min (+0.006) 31.49ng/ul m SJ 3/2/18

response 1226581

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.67
125.00	4.30	7.41#
0.00	0.00	0.00

Instrument :
BNA_M
ClientSampleId :
BE5X6

Manual Integrations
APPROVED
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Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	80160	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	385141	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	248808	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.93	188	567414	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	743805	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	611769	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	5849	3.12	ng/uL	0.00
5) Phenol-d5	6.72	99	180923	26.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	102381	24.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	143325	27.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	152418	25.71	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	78149	27.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	90347	30.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	155553	25.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	88931	14.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.59	166	558048	27.16	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	696464	27.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	69609m	24.54	ng/ul	0.02
57) Fluorene-d10	15.17	176	484531	26.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	54037	15.88	ng/ul	0.00
70) Anthracene-d10	17.03	188	762788	27.86	ng/ul	0.00
76) Pyrene-d10	19.35	212	908436	23.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	808491	27.15	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.75	94	20520	2.886	ng/ul	94
28) Naphthalene	10.33	128	45001	2.275	ng/ul	96
34) 2-Methylnaphthalene	11.96	142	18444	1.225	ng/ul	96
44) Dimethylphthalate	13.64	163	130537	6.443	ng/ul	99
47) Acenaphthylene	13.89	152	224809	9.388	ng/ul	95
49) Acenaphthene	14.23	153	134253	7.962	ng/ul	97
53) Dibenzofuran	14.58	168	155251	6.140	ng/ul	91
58) Fluorene	15.23	166	247724	11.349	ng/ul	99
69) Phenanthrene	16.98	178	5125050	156.767	ng/ul	99
71) Anthracene	17.07	178	1121836	34.121	ng/ul	98
72) Carbazole	17.35	167	149389	5.404	ng/ul#	95
74) Fluoranthene	19.02	202	9661862	247.370	ng/ul#	91
77) Pyrene	19.39	202	8088882	163.639	ng/ul#	89
80) Benzo(a)anthracene	21.14	228	4673564	100.678	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.07	149	3720669	127.108	ng/ul#	95
82) Chrysene	21.20	228	3730389	86.143	ng/ul	96
85) Benzo(b)fluoranthene	22.70	252	4404937	107.535	ng/ul#	98
86) Benzo(k)fluoranthene	22.73	252	1226581m	31.494	ng/ul	
88) Benzo(a)pyrene	23.25	252	2870003	78.406	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.51	276	1379469	38.836	ng/ul	96
90) Dibenzo(a,h)anthracene	25.50	278	436239	14.780	ng/ul#	90
91) Benzo(g,h,i)perylene	26.17	276	996518	34.632	ng/ul#	97

SJ 3/2/18

SJ 3/2/18

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Manual Integrations
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 03:03:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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