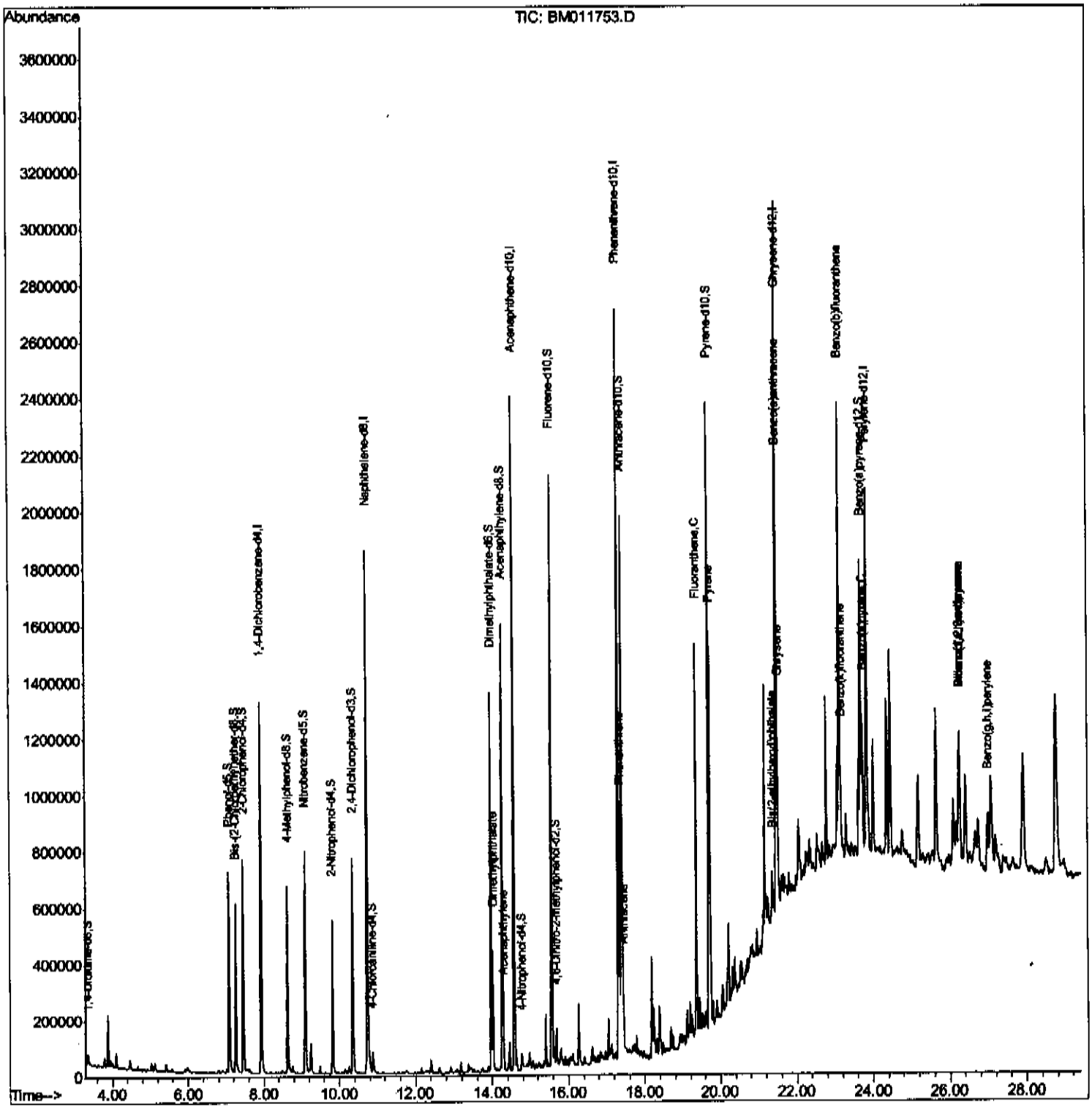
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
Data File : BM011753.D
Acq On : 28 Sep 2017 09:12
Operator : SJ/JU
Sample : I5377-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 28 15:29:03 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 05:09:12 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB3E2

Manual Integrations APPROVED
Sohil
9/29/2017 2:23:23 PM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
Data File : BM011753.D
Acq On : 28 Sep 2017 09:12
Operator : SJ/JU
Sample : I5377-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 28 15:15:58 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
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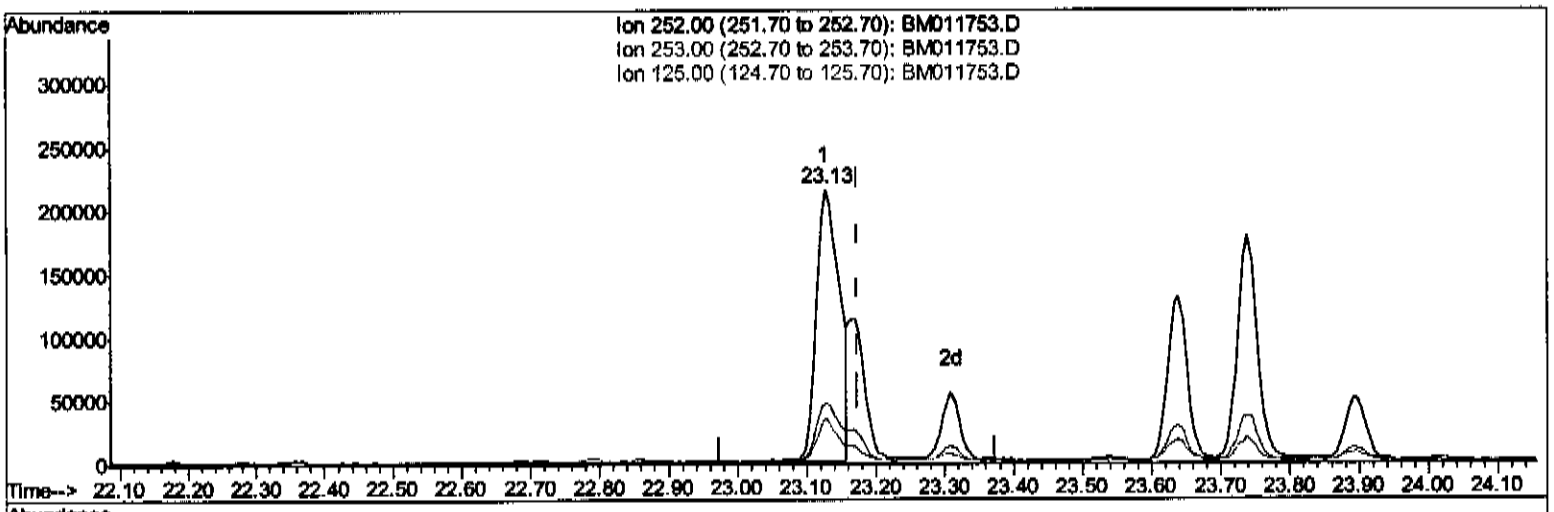
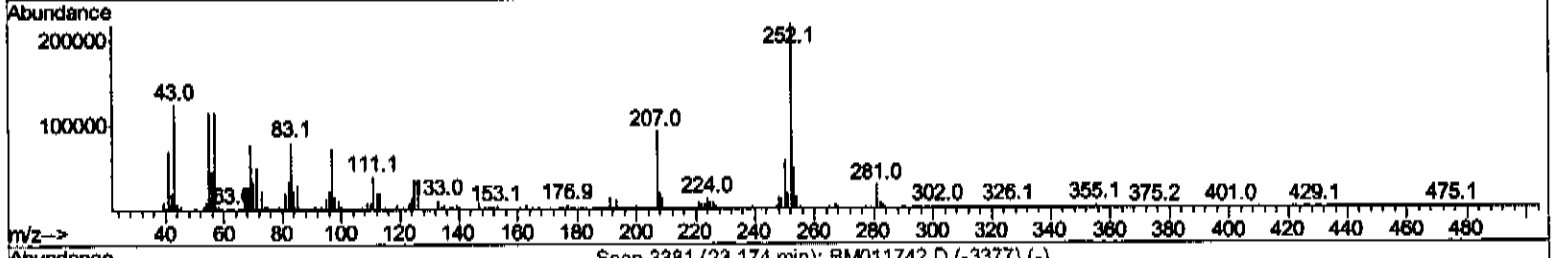
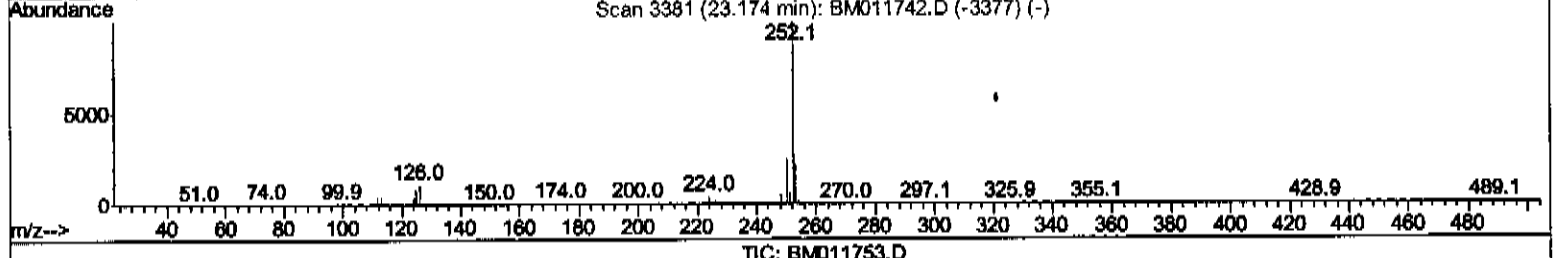
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB3E2

Manual Integrations APPROVED
Sohil
9/29/2017 2:23:23 PM







TIC: BM011753.D

(86) Benzo(k)fluoranthene

23.127min (-0.047) 8.34ng/ul

response 496758

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.46
125.00	4.30	16.64#
0.00	0.00	0.00

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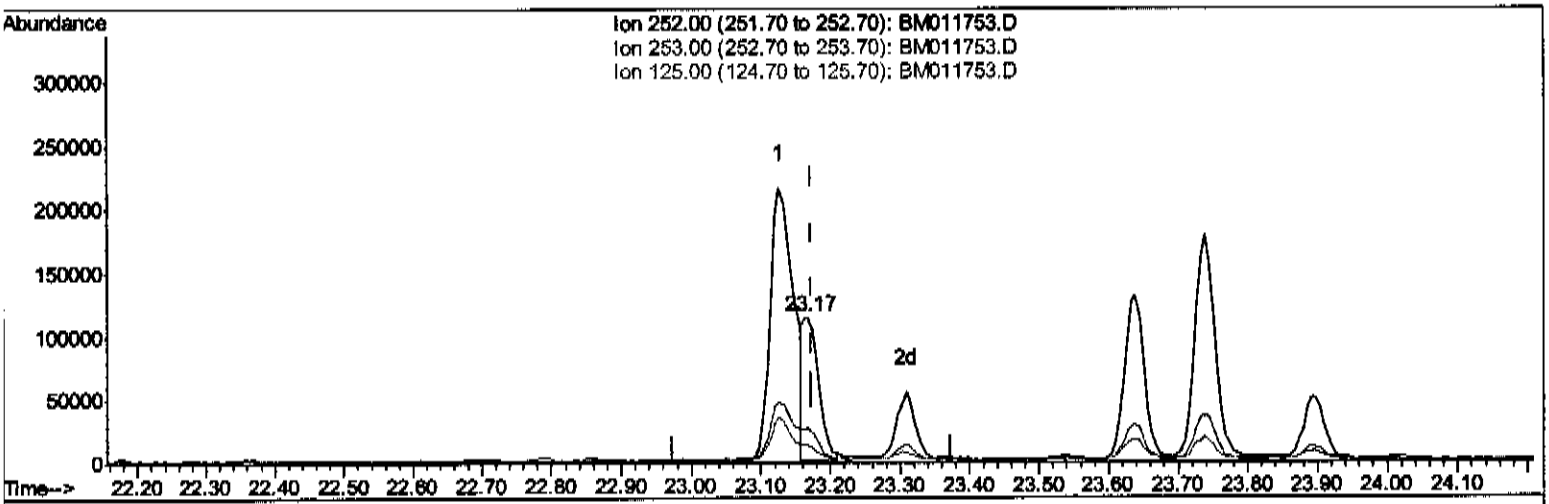
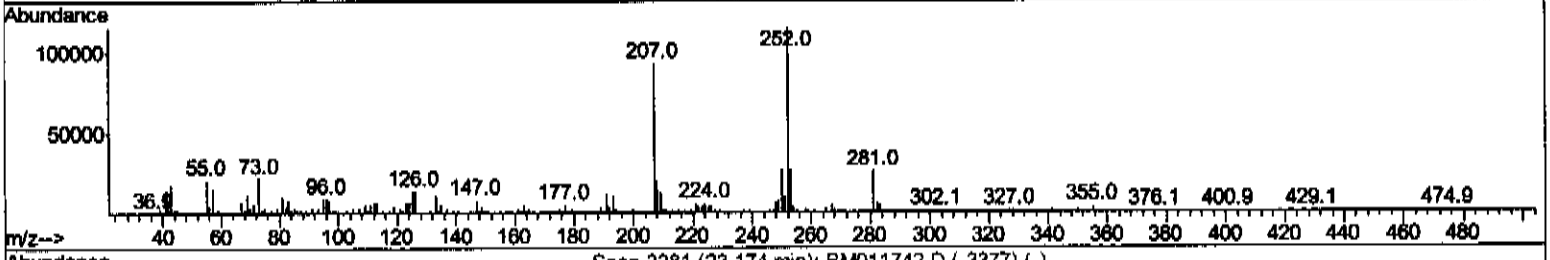
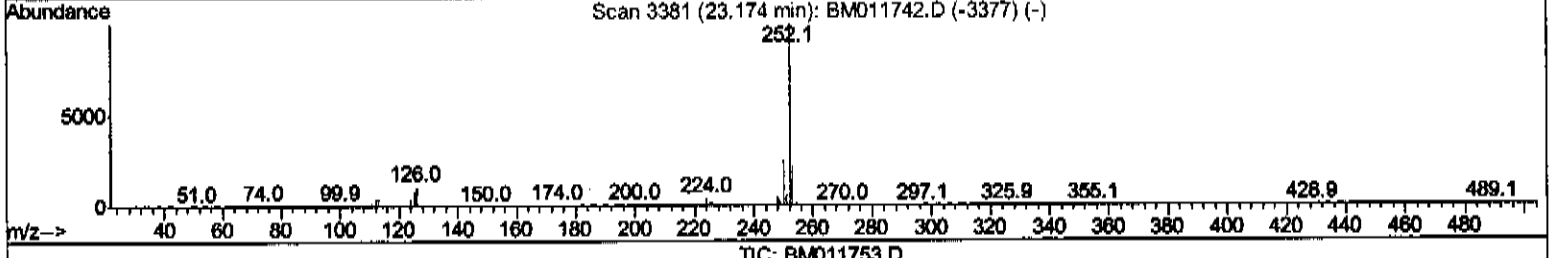
Manual Integrations APPROVED
Sohil
9/29/2017 2:23:23 PM







TIC: BM011753.D

(86) Benzo(k)fluoranthene

23.168min (-0.006) 3.08ng/ul m JU 10/9/17

response 183442

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.79
125.00	4.30	11.55#
0.00	0.00	0.00

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Operator : SJ/JU
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Misc :
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Instrument :
BNA_M
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Manual Integrations APPROVED
Sohil
9/29/2017 2:23:23 PM

Quant Time: Sep 28 15:29:03 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 05:09:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	319032	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	1392652	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	738276	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1476896	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	1026565	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	989920	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	14387	2.01	ng/uL	0.00
5) Phenol-d5	7.09	99	335887	10.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	302555	13.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	297610	12.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	224656	9.14	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	152334	14.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	137185	11.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	253868	11.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	37011	1.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	813855	12.85	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	1071882	14.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	12917	1.19	ng/ul	0.01
57) Fluorene-d10	15.56	176	750934	13.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	22724	2.27	ng/ul	0.00
70) Anthracene-d10	17.41	188	1059243	14.09	ng/ul	0.00
76) Pyrene-d10	19.70	212	1015740	20.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	682564	14.40	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.02	163	238684	3.941	ng/ul	100
47) Acenaphthylene	14.30	152	86917	1.132	ng/ul	99
69) Phenanthrene	17.36	178	439240	5.314	ng/ul	97
71) Anthracene	17.44	178	120927	1.420	ng/ul	97
74) Fluoranthene	19.36	202	825608	8.181	ng/ul#	88
77) Pyrene	19.73	202	747786	12.224	ng/ul#	88
80) Benzo(a)anthracene	21.46	228	377258	6.569	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.37	149	44421	1.164	ng/ul	96
82) Chrysene	21.52	228	357931	6.608	ng/ul	98
85) Benzo(b)fluoranthene	23.13	252	496758	8.505	ng/ul#	94
86) Benzo(k)fluoranthene	23.17	252	183442m	3.079	ng/ul	94
88) Benzo(a)pyrene	23.74	252	350963	6.221	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.26	276	277957	4.732	ng/ul#	93
90) Dibenzo(a,h)anthracene	26.26	278	72177	1.467	ng/ul#	87
91) Benzo(g,h,i)perylene	27.00	276	274308	5.627	ng/ul#	90

JU 10/5/17

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