

(QT Reviewed)

```
Data Path   : Z:\HPCHEM1\BNA_M\Data\BM101817\  
Data File  : BM012307.D  
Acq On     : 19 Oct 2017   08:01  
Operator   : SJ/JU  
Sample     : I5693-02 2X  
Misc       :  
ALS Vial   : 26   Sample Multiplier: 1
```

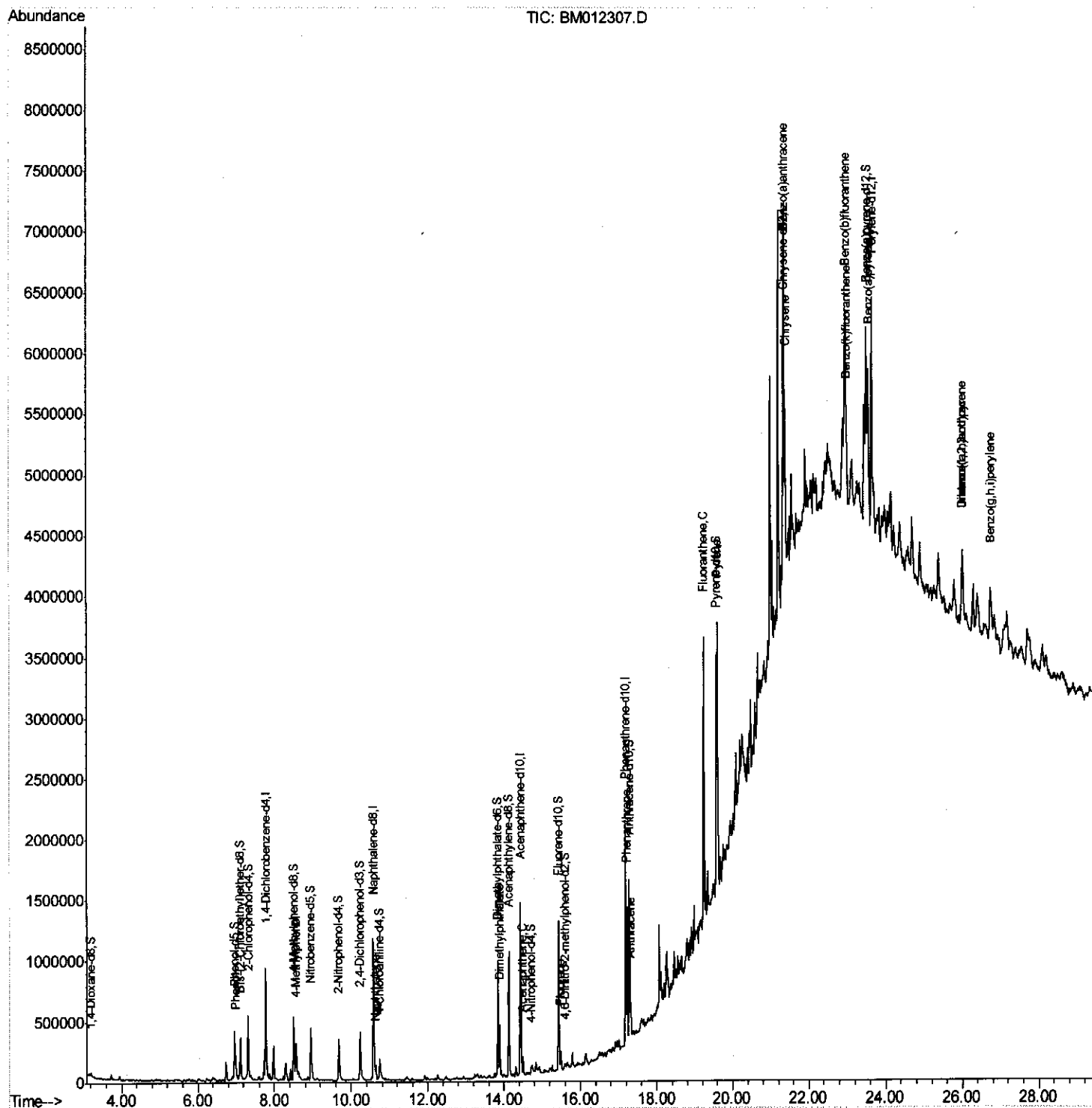
Instrument :
BNA_M

ClientSampleId :
B-55(3.5-5)-100317

Manual Integrations

Sohil
10/23/2017 3:50:06 PM

Quant Time: Oct 19 15:52:23 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



Quantitation Report (Qedit)

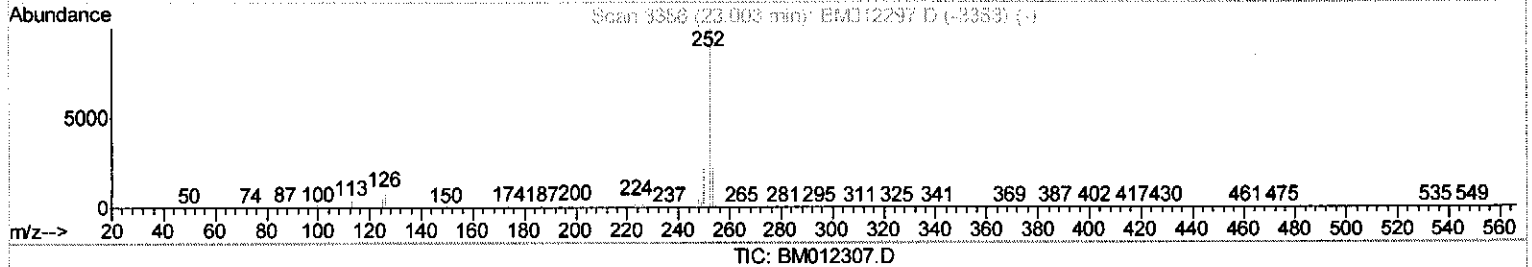
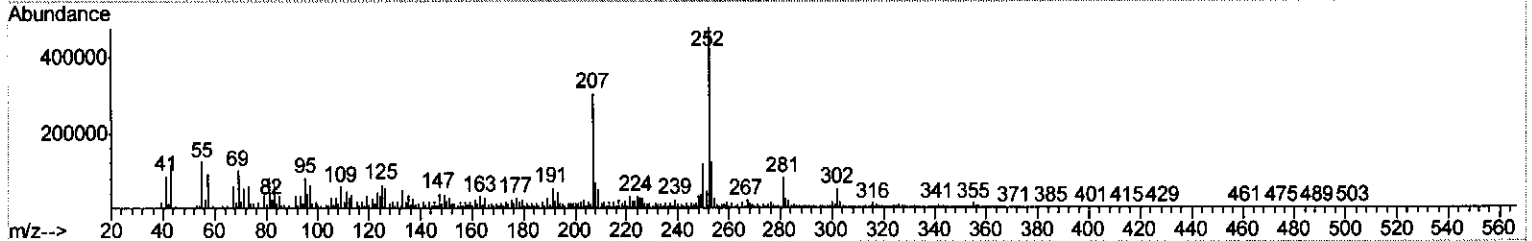
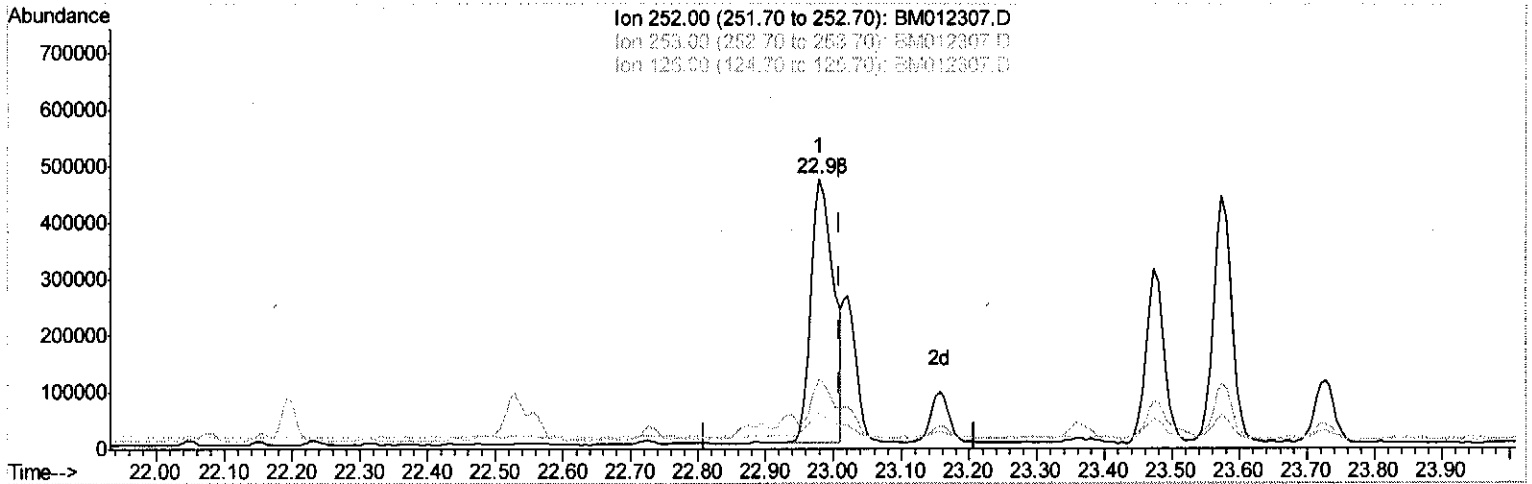
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Manual Integrations
 APPROVED

Sohil
 10/23/2017 3:50:06 PM

Quant Time: Oct 19 15:44:15 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



(86) Benzo(k)fluoranthene

22.980min (-0.029) 13.01ng/ul

response 1071605

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	25.48
125.00	6.10	13.34#
0.00	0.00	0.00

Quantitation Report (Qedit)

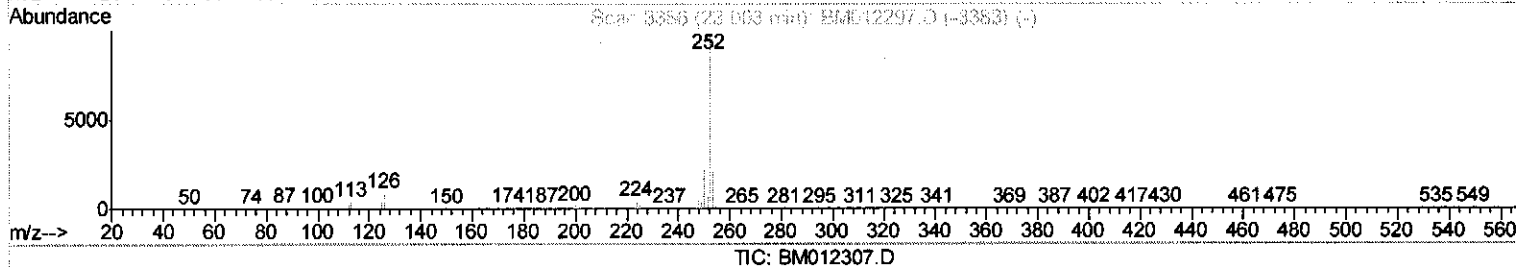
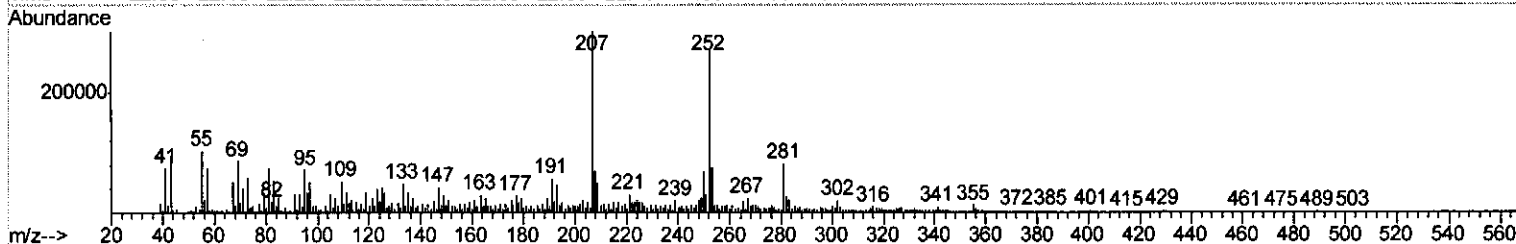
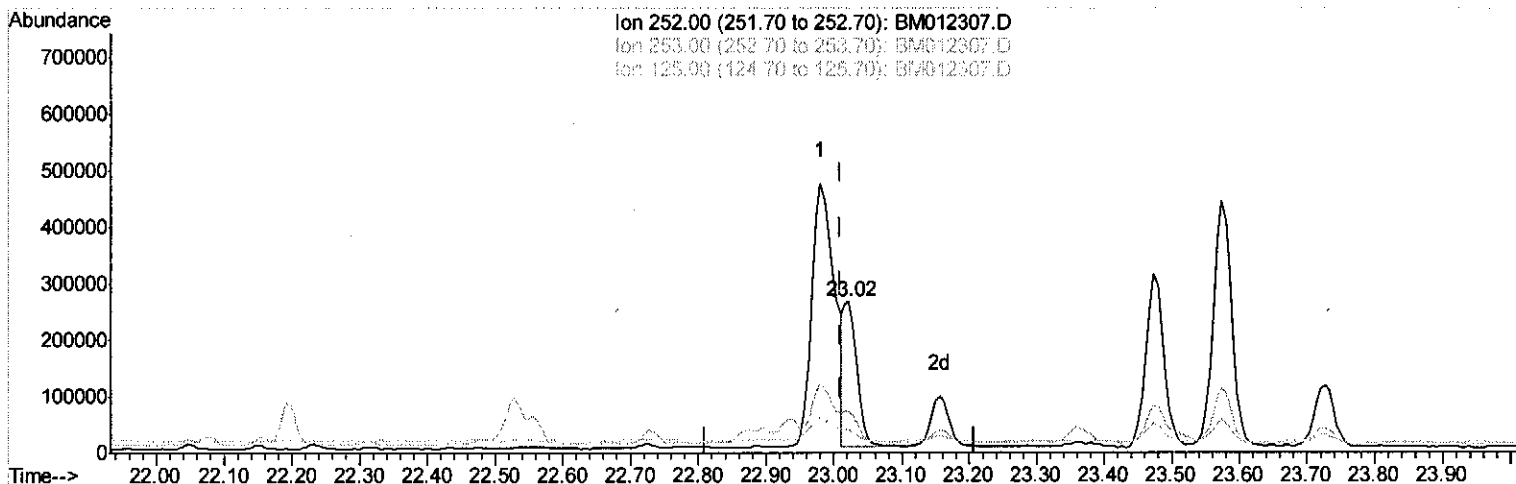
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 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

Sohil
 10/23/2017 3:50:06 PM

Quant Time: Oct 19 15:44:15 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
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 QLast Update : Thu Oct 19 15:00:52 2017
 Response via : Initial Calibration



(86) Benzo(k)fluoranthene

23.021min (+0.012) 4.39ng/ul m

JU 10/24/17

response 361823

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	27.61#
125.00	6.10	15.22#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM101817\
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 Operator : SJ/JU
 Sample : I5693-02 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-55(3.5-5)-100317

Manual Integrations
 APPROVED

Sohil
 10/23/2017 3:50:06 PM

Quant Time: Oct 19 15:52:23 2017
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	253845	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	934861	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	471038	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	987517	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1161211	20.00	ng/ul	0.01
83) Perylene-d12	23.67	264	1309583	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.20	96	14784	2.77	ng/uL	0.00
5) Phenol-d5	6.96	99	245892	11.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	165783	13.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	230608	13.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	202658	11.43	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	100329	14.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	113114	13.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	194069	12.19	ng/ul	0.01
29) 4-Chloroaniline-d4	10.75	131	120598	8.10	ng/ul	0.02
43) Dimethylphthalate-d6	13.85	166	616907	14.82	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	742796	14.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	35186	5.62	ng/ul	0.05
57) Fluorene-d10	15.43	176	487503	14.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	7190	1.06	ng/ul	0.02
70) Anthracene-d10	17.29	188	718630	14.72	ng/ul	0.00
76) Pyrene-d10	19.58	212	819897	13.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	931430	14.75	ng/ul	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	6.99	94	57571	2.704	ng/ul#	89
16) 4-Methylphenol	8.56	108	126682	7.179	ng/ul	94
28) Naphthalene	10.63	128	81388	1.683	ng/ul	98
44) Dimethylphthalate	13.89	163	261914	6.279	ng/ul	99
49) Acenaphthene	14.50	153	61193	1.836	ng/ul	95
58) Fluorene	15.49	166	65348	1.639	ng/ul	97
69) Phenanthrene	17.23	178	627631	11.172	ng/ul	98
71) Anthracene	17.32	178	179715	3.090	ng/ul	96
74) Fluoranthene	19.25	202	1341938	19.794	ng/ul#	95
77) Pyrene	19.62	202	1302036	16.978	ng/ul#	95
80) Benzo(a)anthracene	21.36	228	833502	11.031	ng/ul#	95
82) Chrysene	21.41	228	758605	10.694	ng/ul#	93
85) Benzo(b)fluoranthene	22.98	252	1071605	12.539	ng/ul#	89
86) Benzo(k)fluoranthene	23.02	252	361823m	4.393	ng/ul	→ 10/24/17
88) Benzo(a)pyrene	23.57	252	818810	10.165	ng/ul#	89
89) Indeno(1,2,3-cd)pyrene	26.03	276	537353	6.282	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.02	278	145887	2.029	ng/ul#	60
91) Benzo(g,h,i)perylene	26.76	276	483133	6.896	ng/ul#	91

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