

Quantitation Report (QT Reviewed)

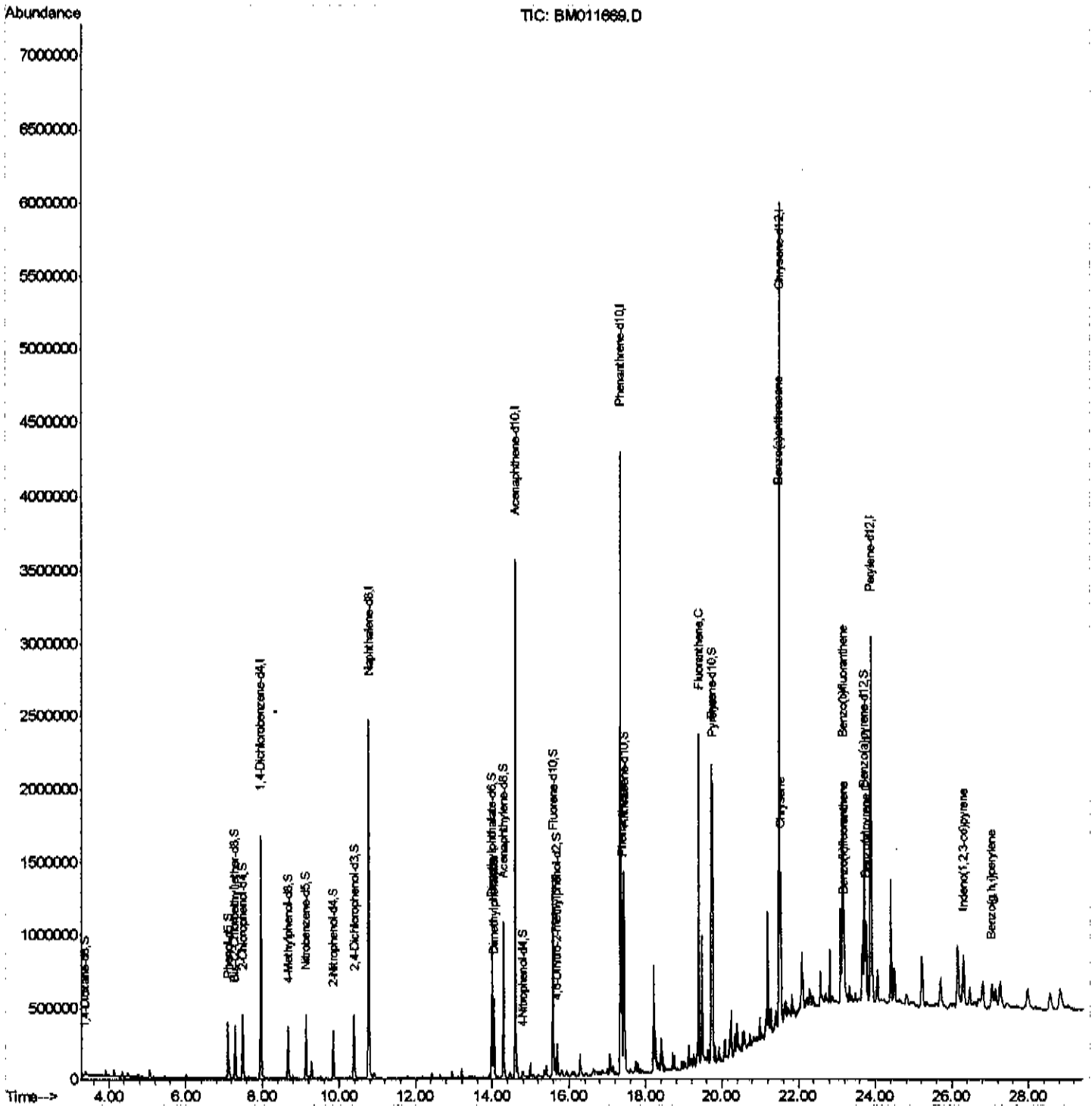
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\  
 Data File : BM011669.D  
 Acq On : 22 Sep 2017 00:29  
 Operator : SJ/JU  
 Sample : I5283-02  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 CB3A7

Manual Integrations  
 APPROVED

Sohil  
 9/22/2017 4:06:23 PM

Quant Time: Sep 22 08:52:57 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Sep 22 08:34:40 2017  
 Response via : Initial Calibration



Quantitation Report (Qedit)

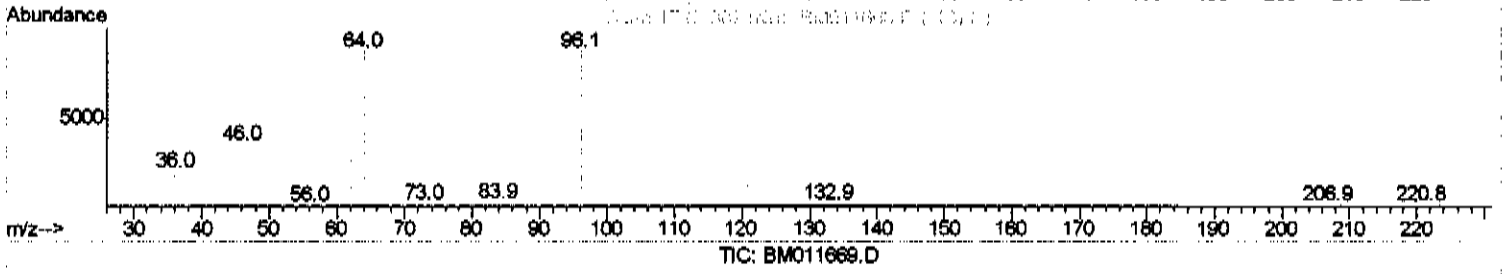
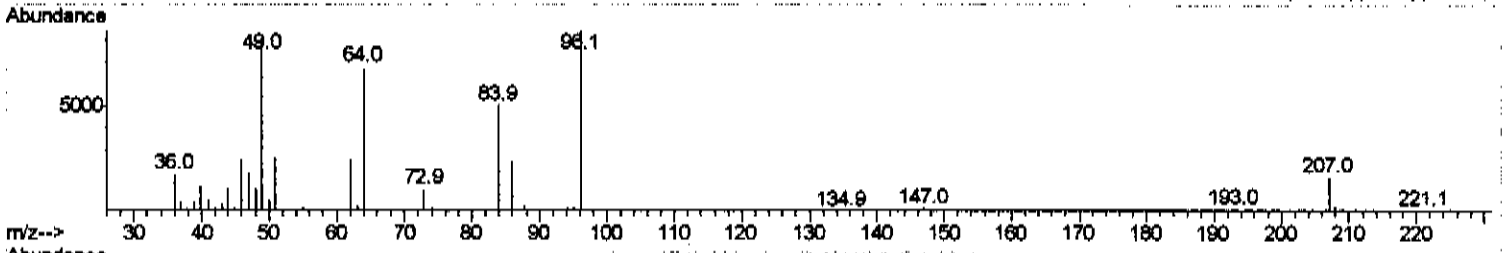
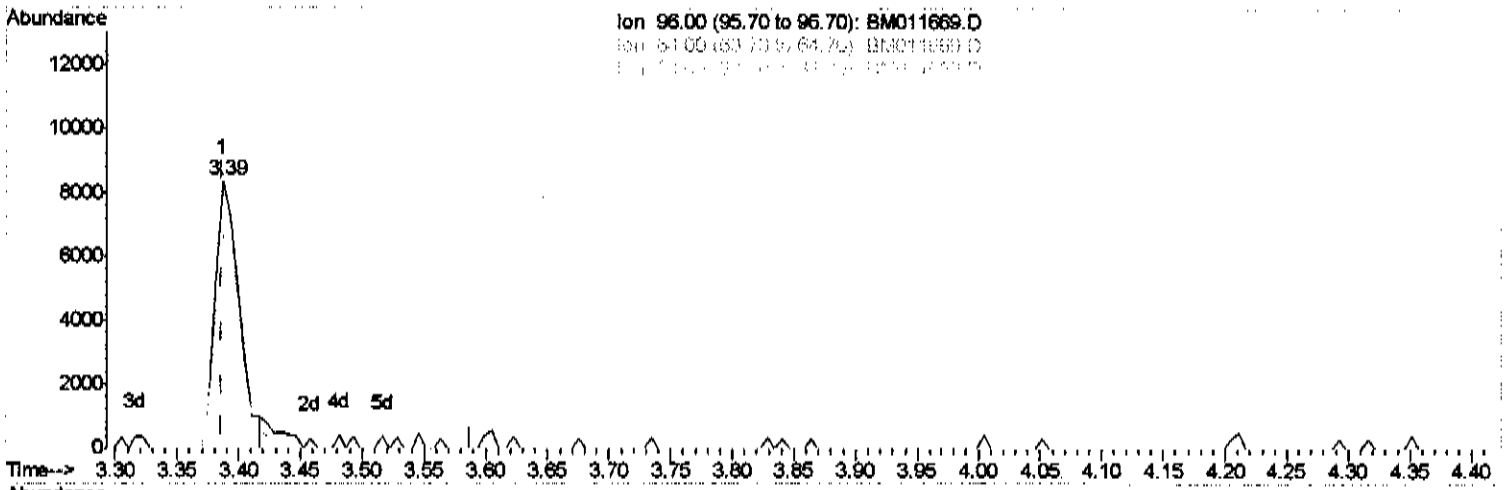
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Quant Time: Sep 22 08:43:50 2017  
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(3) 1,4-Dioxane-d8 (S)

3.367min (-0.000) 1.22ng/uL

response 11297

Ion	Exp%	Act%
96.00	100	100
64.00	74.00	80.29
34.00	0.00	0.00
0.00	0.00	0.00

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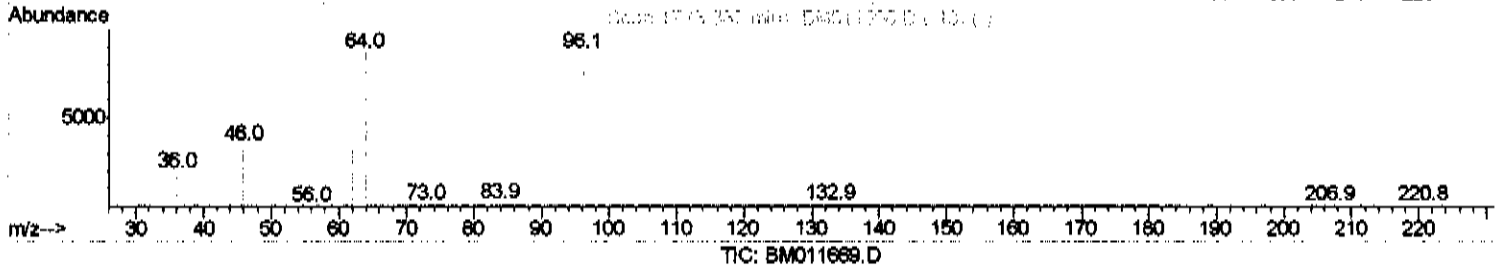
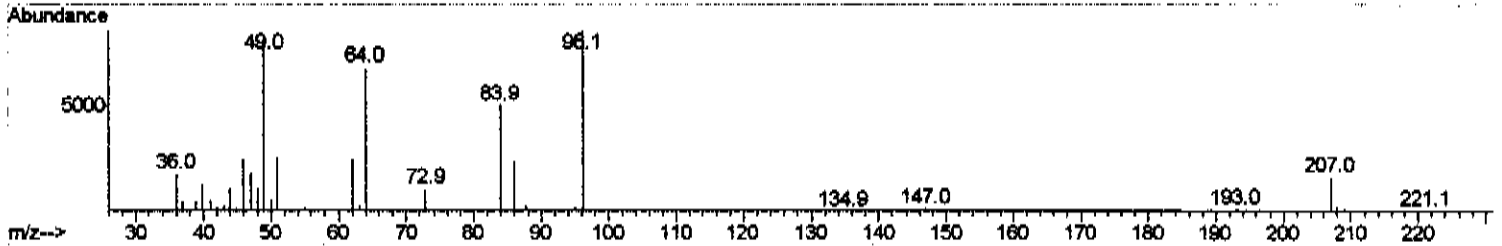
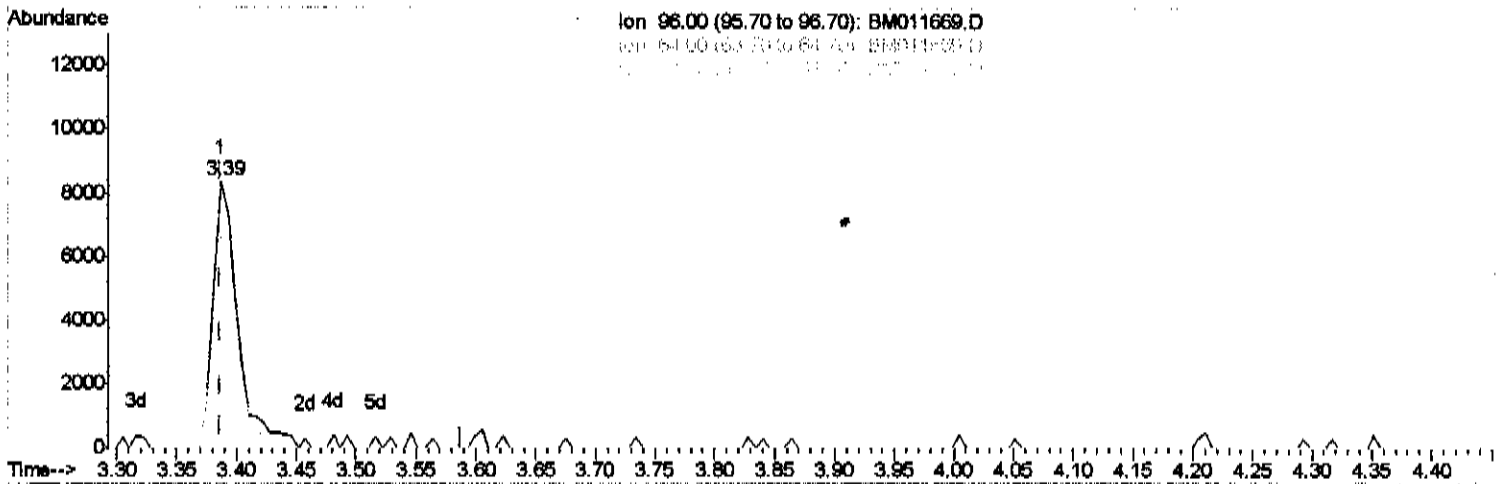
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(3) 1,4-Dioxane-d8 (S)

3.367min (-0.000) 1.31ng/ul m

*ju 9/29/17*

response 12195

Ion	Exp%	Act%
96.00	100	100
64.00	74.00	80.29
34.00	0.00	0.00
0.00	0.00	0.00

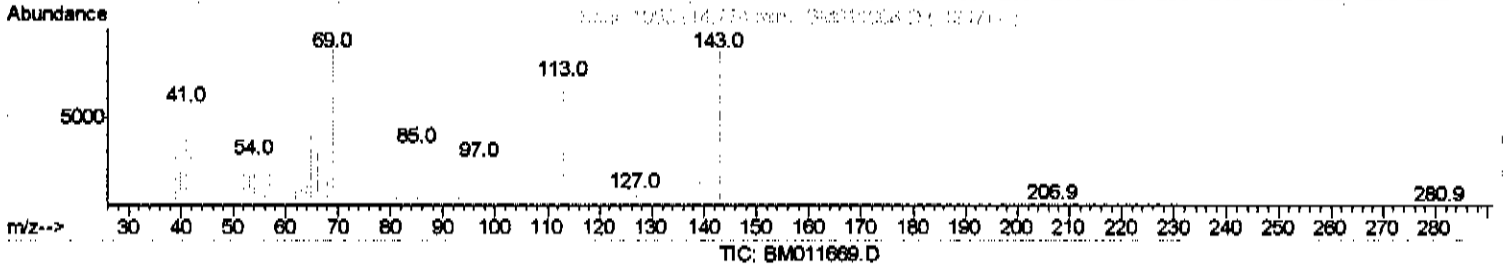
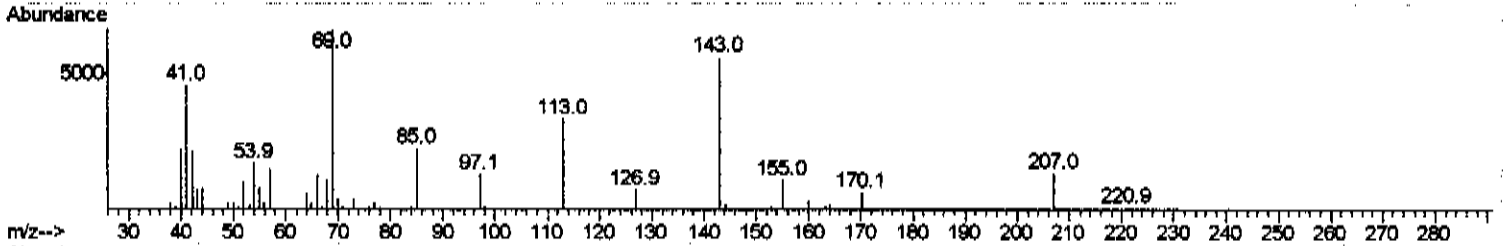
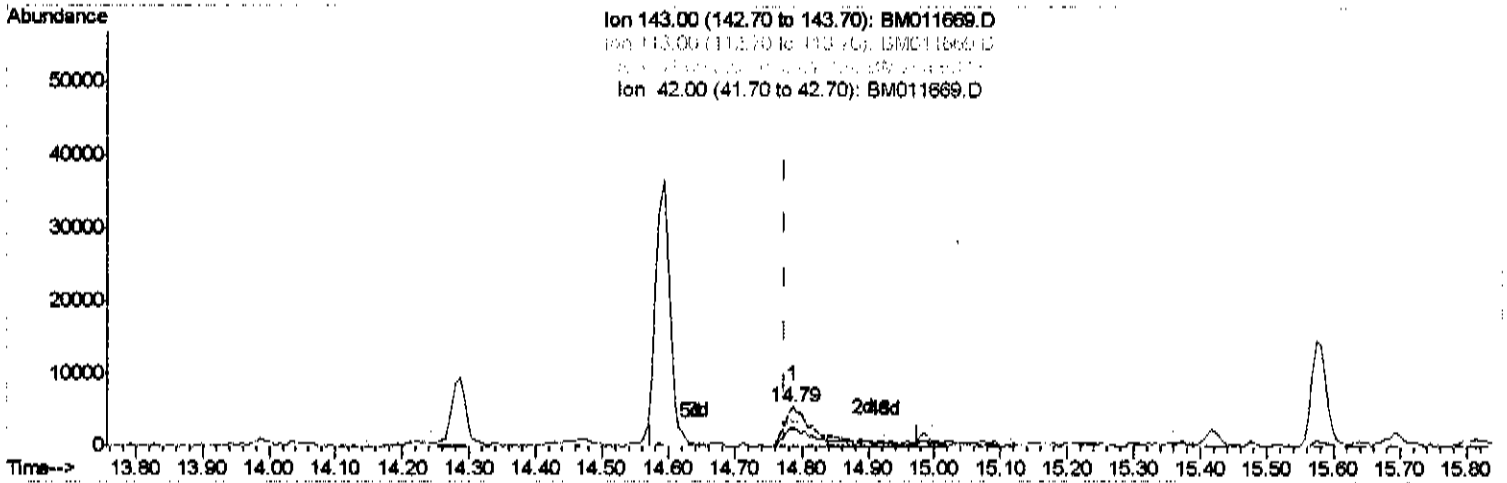
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Quant Time: Sep 22 08:49:28 2017  
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(S2) 4-Nitrophenol-d4 (S)  
 14.786min (+0.012) 0.83ng/ul  
 response 14231

Ion	Exp%	Act%
143.00	100	100
113.00	77.10	62.31
41.00	32.60	83.45#
42.00	22.30	41.80#

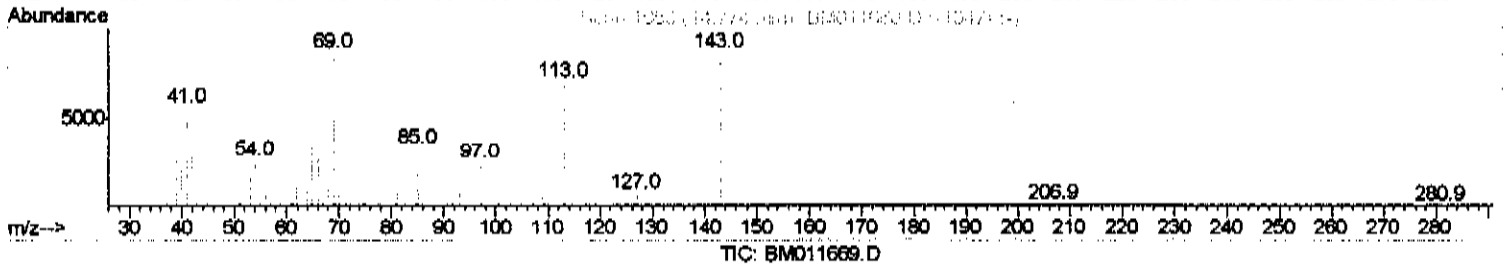
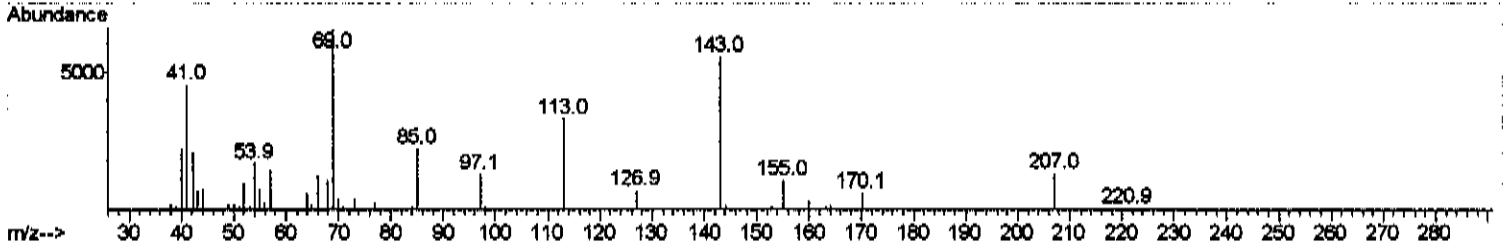
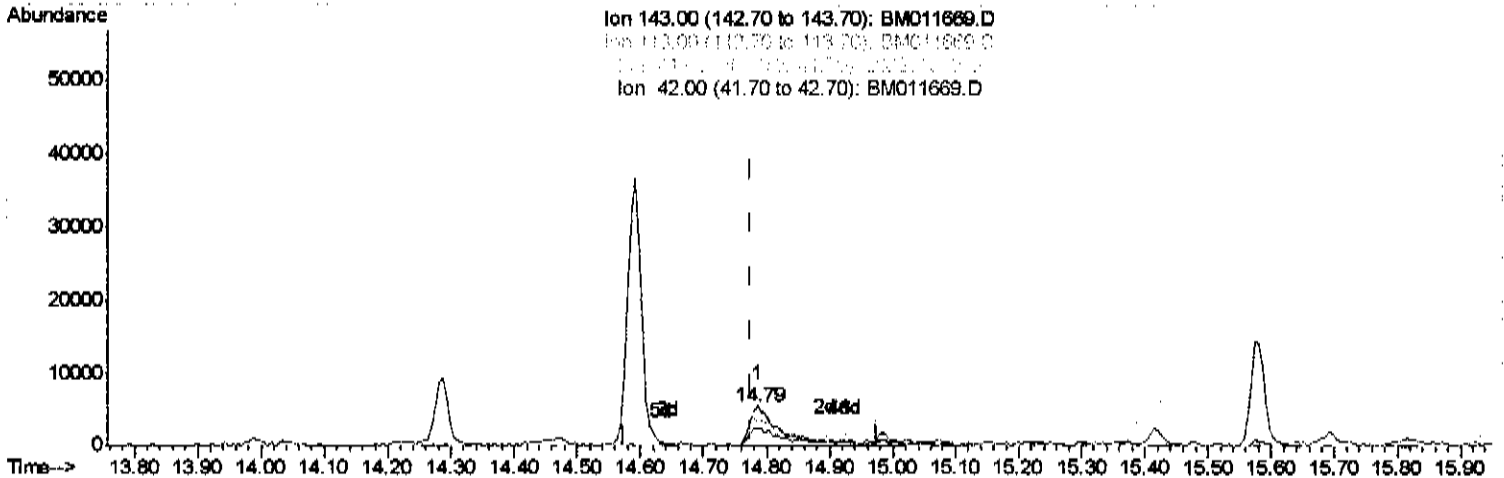
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 Operator : SJ/JU  
 Sample : I5283-02  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 Client Sampled :  
 CB3A7

Manual Integrations  
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(52) 4-Nitrophenol-d4 (S)

14.786min (+0.012) 1.10ng/ul *ju9/29/17*

response 19028

Ion	Exp%	Act%
143.00	100	100
113.00	77.10	62.31
41.00	32.60	83.45#
42.00	22.30	41.80#

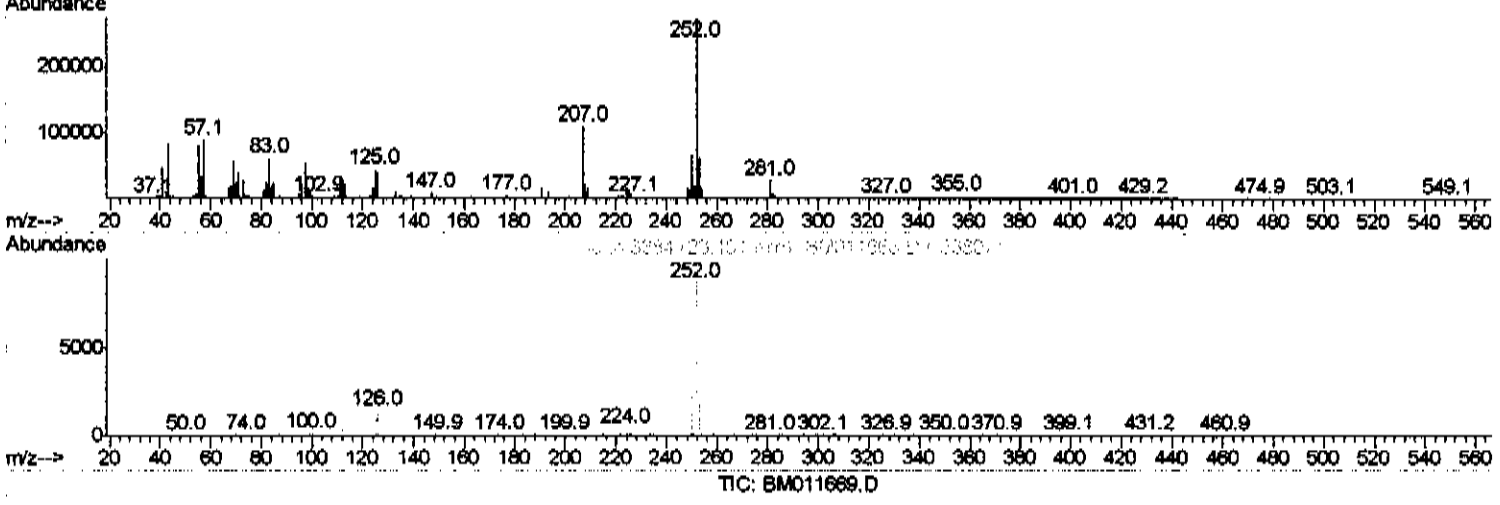
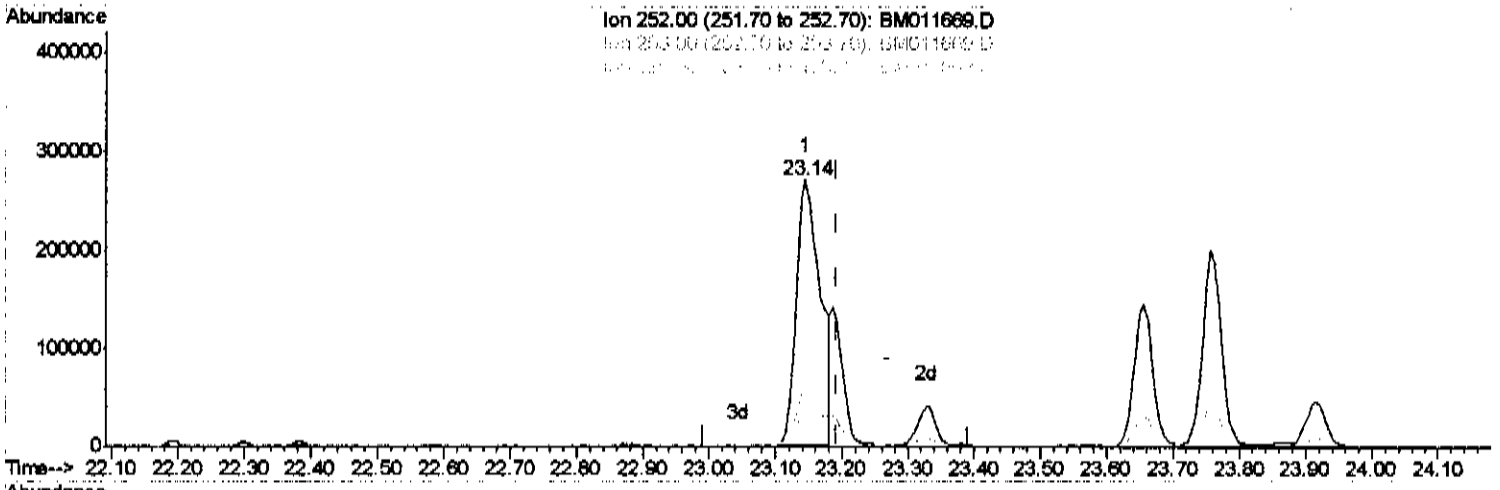
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 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
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 ClientSampled :  
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Manual Integrations  
 APPROVED  
 Sohil  
 9/22/2017 4:06:23 PM

Quant Time: Sep 22 08:51:53 2017  
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(89) Benzo(k)fluoranthene

23.144min (-0.047) 6.47ng/ui

response 680668

ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.53
125.00	6.70	16.10#
0.00	0.00	0.00

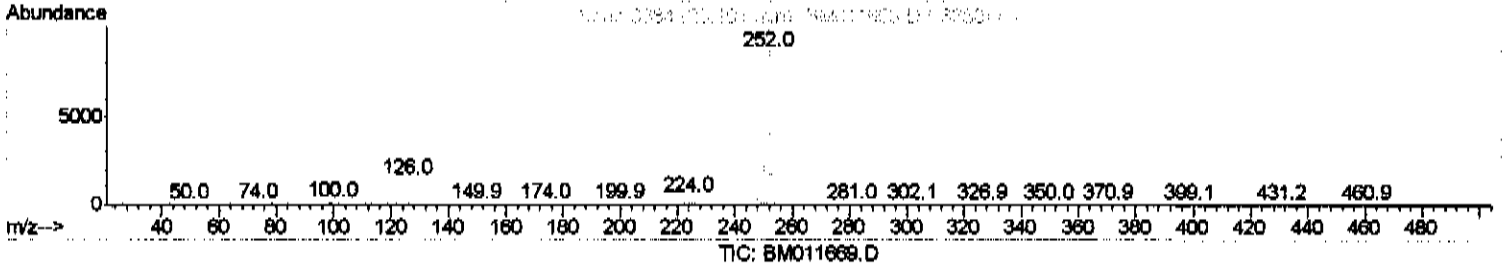
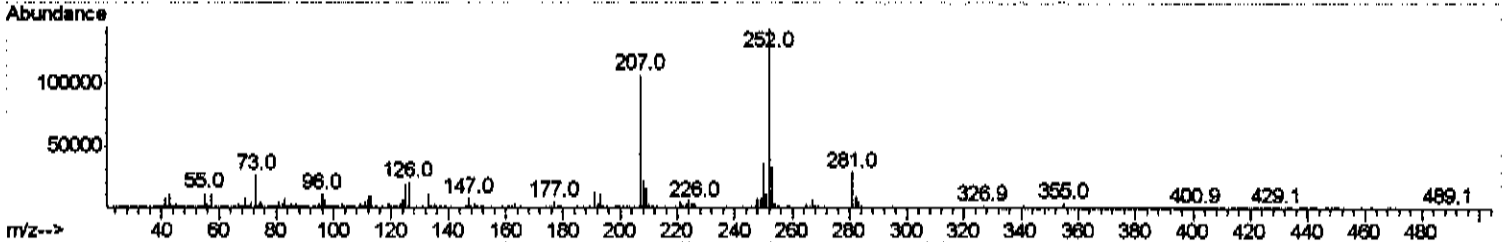
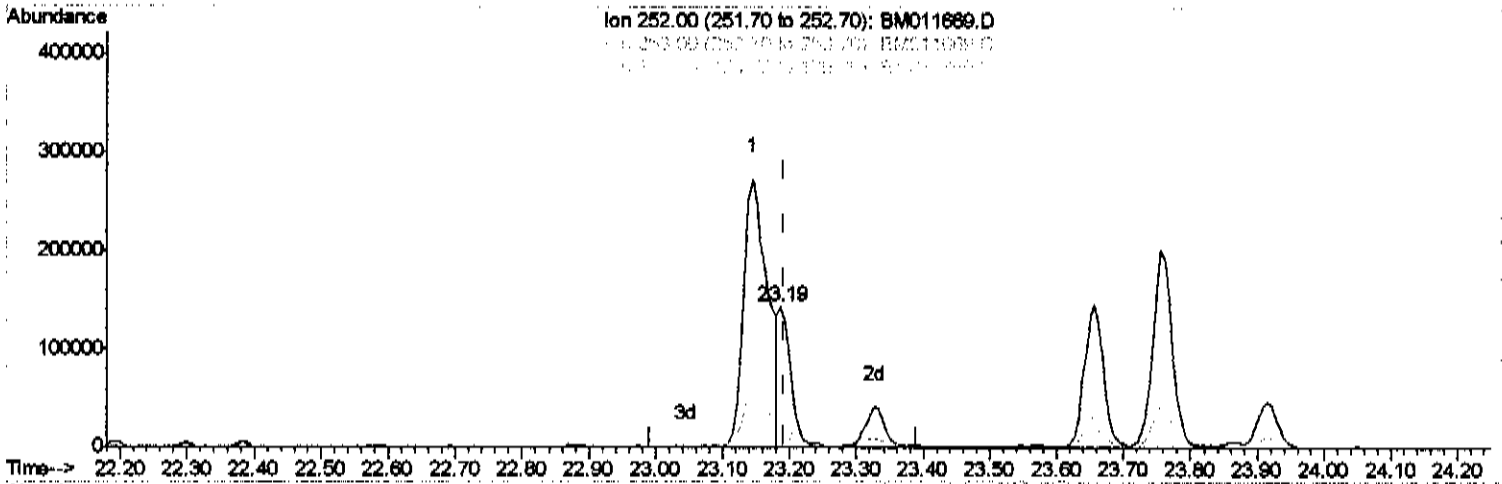
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Manual Integrations  
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 Response via : Initial Calibration



(89) Benzo(k)fluoranthene

23.186min (-0.006) 1.67ng/ul *SJ 9/22/17*

response 175751

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.28
125.00	6.70	12.51#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	417528	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	1942333	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	1084560	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	2360378	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2353649	20.00	ng/ul	0.00
86) Perylene-d12	23.86	264	1820578	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	12195m	1.31	ng/uL	0.00	JU 9/29/17
5) Phenol-d5	7.11	99	200919	5.01	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	7.29	67	186730	6.91	ng/ul	0.00	
9) 2-Chlorophenol-d4	7.49	132	187185	6.20	ng/ul	0.00	
13) 4-Methylphenol-d8	8.66	113	135296	4.32	ng/ul	0.00	
19) Nitrobenzene-d5	9.12	128	91044	6.17	ng/ul	0.00	
22) 2-Nitrophenol-d4	9.85	143	92580	6.04	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	10.38	165	157954	5.12	ng/ul	0.00	
29) 4-Chloroaniline-d4	10.90	131	19912	0.58	ng/ul	0.00	
44) Dimethylphthalate-d6	13.99	166	586553	6.40	ng/ul	0.00	
47) Acenaphthylene-d8	14.29	160	718808	6.48	ng/ul	0.00	
52) 4-Nitrophenol-d4	14.79	143	19028m	1.10	ng/ul	0.01	JU 9/29/17
58) Fluorene-d10	15.58	176	525102	6.61	ng/ul	0.00	
63) 4,6-Dinitro-2-methylphenol	15.69	200	39649	2.89	ng/ul	0.00	
71) Anthracene-d10	17.43	188	766197	6.59	ng/ul	0.00	
79) Pvrene-d10	19.72	212	885289	8.03	ng/ul	0.00	
90) Benzo(a)pyrene-d12	23.71	264	576250	6.64	ng/ul	0.00	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue	
45) Dimethylphthalate	14.04	163	337506	3.845	ng/ul#	99	
70) Phenanthrene	17.37	178	678423	5.157	ng/ul	100	
77) Fluoranthene	19.38	202	1260842	9.317	ng/ul#	91	
80) Pvrene	19.74	202	1131691	8.241	ng/ul#	88	
83) Benzo(a)anthracene	21.48	228	593576	4.580	ng/ul	99	
85) Chrysene	21.53	228	569133	4.844	ng/ul	98	
88) Benzo(b)fluoranthene	23.14	252	680668	6.215	ng/ul#	92	
89) Benzo(k)fluoranthene	23.19	252	175751m	1.671	ng/ul	91	JU 9/29/17
91) Benzo(a)pvrene	23.76	252	390581	3.778	ng/ul#	96	
92) Indeno(1,2,3-cd)pyrene	26.29	276	235857	2.074	ng/ul#	91	
94) Benzo(a,h,i)perylene	27.03	276	215315	2.338	ng/ul#	92	

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