

(QT Reviewed)

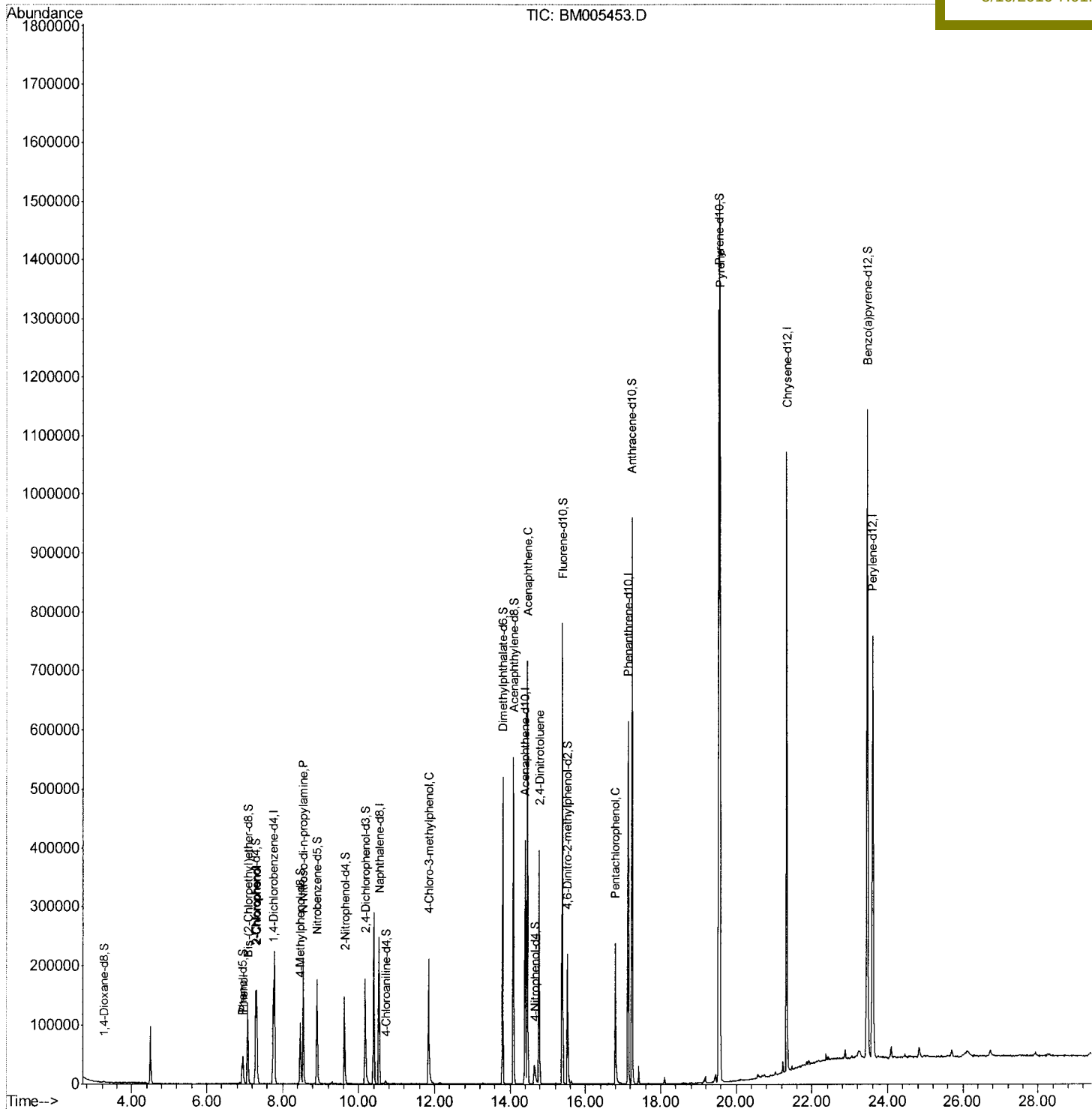
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Data Path   : Z:\HPCHEM1\BNA_M\DATA\BM051316\  
Data File  : BM005453.D  
Acq On     : 14 May 2016   06:58  
Operator   : UM/SJ  
Sample     : H2834-03MSD  
Misc      :  
ALS Vial   : 27      Sample Multiplier: 1
```

Quant Time: May 16 04:29:03 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 14 00:15:57 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
H4002MSD

Manual Integrations

sohil
5/16/2016 7:01:45 PM



Quantitation Report (Qedit)

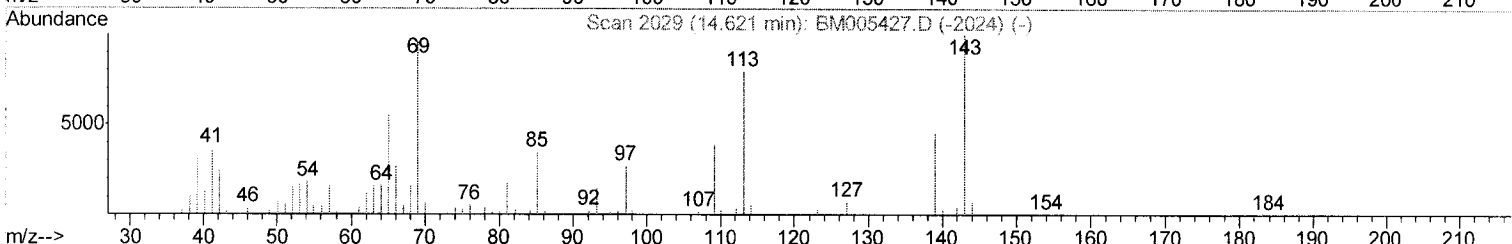
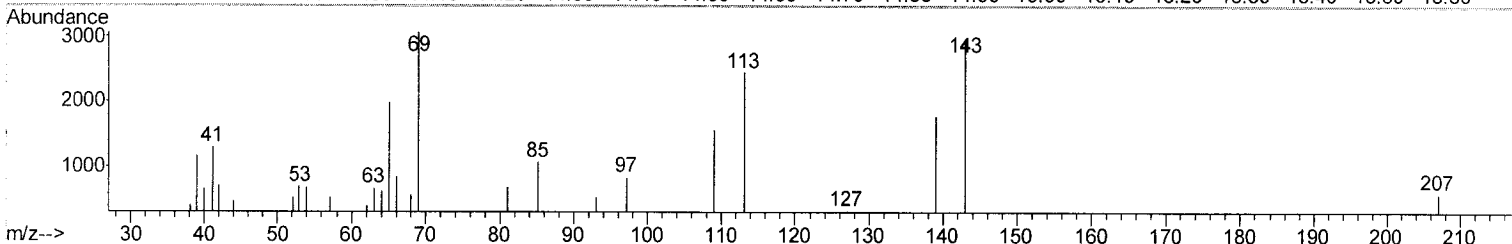
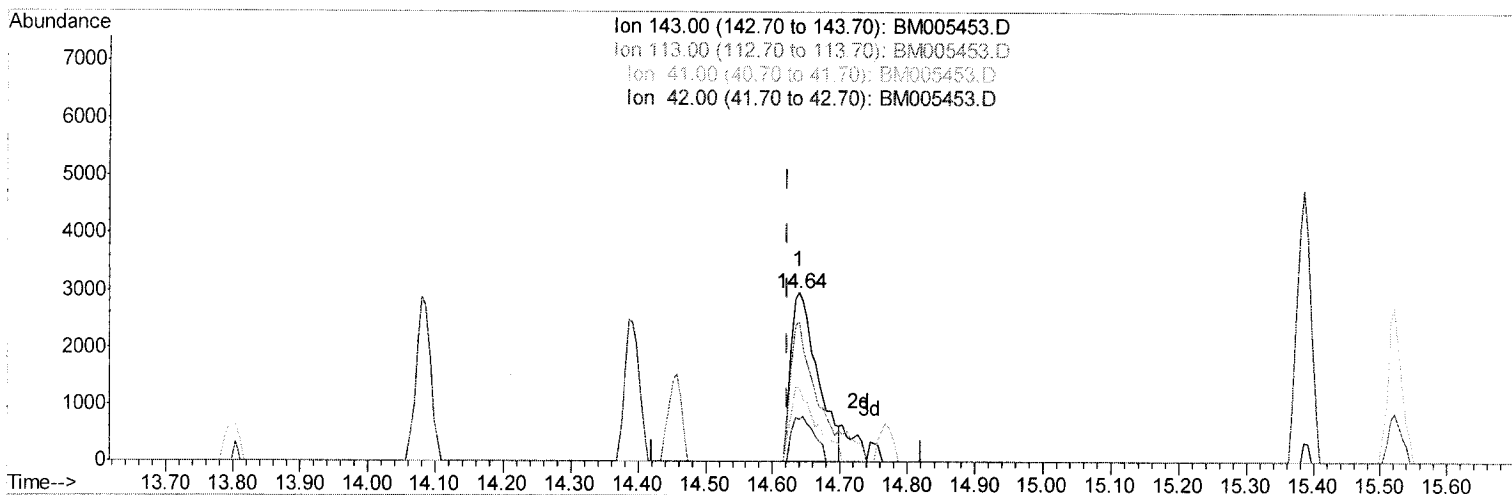
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Manual Integrations
 APPROVED

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 5/16/2016 7:01:45 PM

Quant Time: May 16 04:28:16 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 14 00:15:57 2016
 Response via : Initial Calibration



TIC: BM005453.D

(51) 4-Nitrophenol-d4 (S)

14.639min (+0.018) 3.99ng/ul

response 8124

Ion	Exp%	Act%
143.00	100	100
113.00	75.60	82.80
41.00	38.10	44.05
42.00	26.00	24.59

Quantitation Report (Qedit)

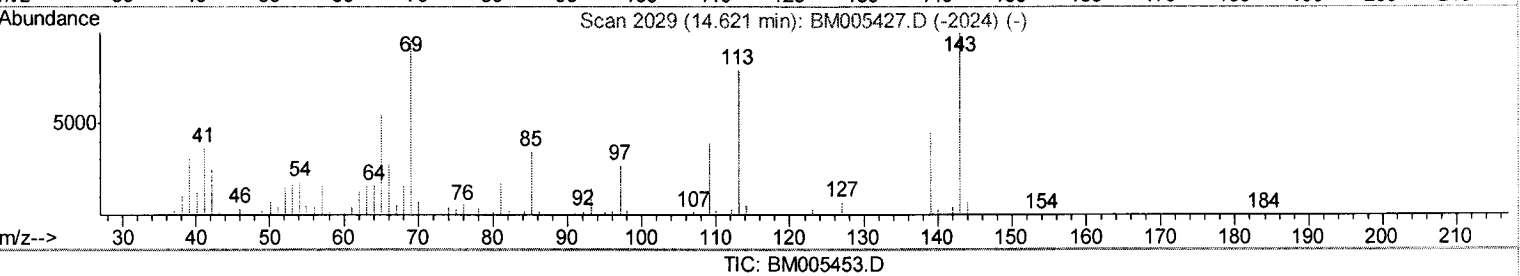
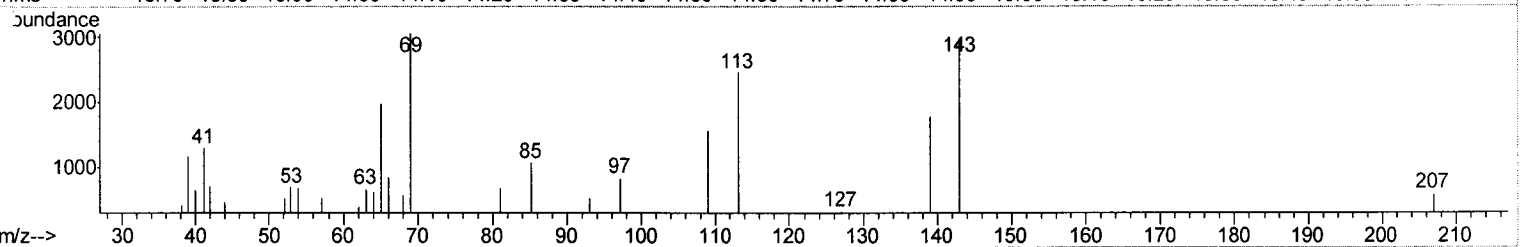
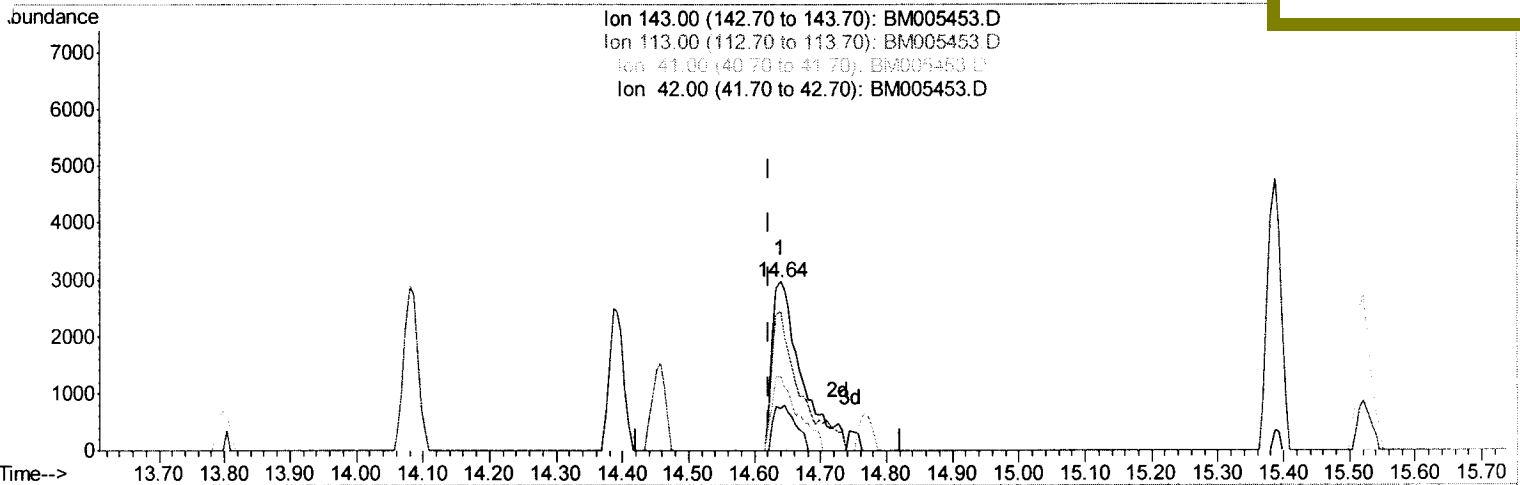
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Data File : BM005453.D
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Operator : UM/SJ
Sample : H2834-03MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H4002MSD

Manual Integrations
APPROVED

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5/16/2016 7:01:45 PM

Quant Time: May 16 04:28:16 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 14 00:15:57 2016
Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.639min (+0.018) 4.46ng/ul m

response 9088

Ion	Exp%	Act%
143.00	100	100
113.00	75.60	82.80
41.00	38.10	44.05
42.00	26.00	24.59

U.M
05/17/16

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
 Data File : BM005453.D
 Acq On : 14 May 2016 06:58
 Operator : UM/SJ
 Sample : H2834-03MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 H4002MSD

Manual Integrations
 APPROVED

sohil
 5/16/2016 7:01:45 PM

Quant Time: May 16 04:29:03 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 14 00:15:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	43867	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	207205	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	139326	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	365368	20.00	ng/ul	0.00
75) Chrysene-d12	21.33	240	539904	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	535616	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	1271	1.36	ng/uL	0.00
5) Phenol-d5	6.93	99	24392	6.13	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.08	67	66053	29.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	71708	23.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	44390	13.50	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	45414	30.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	49552	29.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	82257	26.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	7166	1.91	ng/ul	0.03
43) Dimethylphthalate-d6	13.80	166	352494	31.56	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	407690	31.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	9088 ^m	4.46	ng/ul	0.02
57) Fluorene-d10	15.39	176	313393	32.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	51368	24.99	ng/ul	0.00
70) Anthracene-d10	17.24	188	543327	33.64	ng/ul	0.00
76) Pyrene-d10	19.54	212	720300	28.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	797098	33.62	ng/ul	0.00

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Target Compounds

						Qvalue
6) Phenol	6.96	94	27811	6.76	ng/ul	98
10) 2-Chlorophenol	7.32	128	74504	24.24	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.55	70	80908	31.78	ng/ul	98
33) 4-Chloro-3-methylphenol	11.84	107	101938	26.67	ng/ul	99
49) Acenaphthene	14.46	153	295135	32.32	ng/ul	99
52) 4-Nitrophenol	14.65	109	8595	5.07	ng/ul	96
54) 2,4-Dinitrotoluene	14.77	165	117093	35.68	ng/ul	99
68) Pentachlorophenol	16.80	266	51388	23.54	ng/ul	97
77) Pyrene	19.57	202	917137	29.29	ng/ul	99

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