

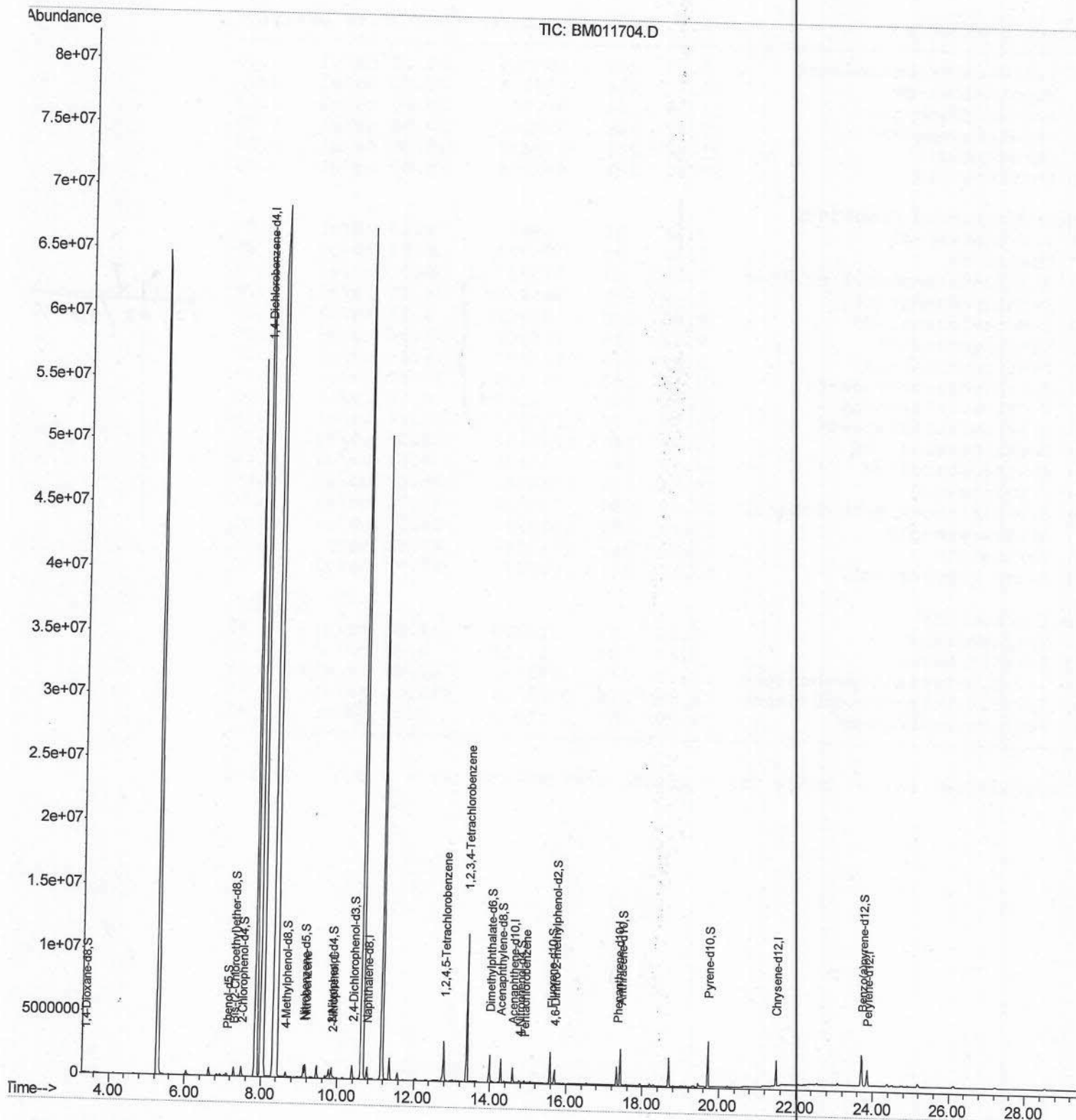
Data Path : Z:\HPCHEM1\BNA M\Data\BM092317\
Data File : BM011704.D
Acq On : 23 Sep 2017 14:17
Operator : SJ/JU
Sample : I5273-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF7

Manual Integrations
APPROVED

Sohil
9/25/2017 6:28:41 PM

Quant Time: Oct 02 09:18:38 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
Last Update : Mon Sep 25 01:59:49 2017
Response via : Initial Calibration



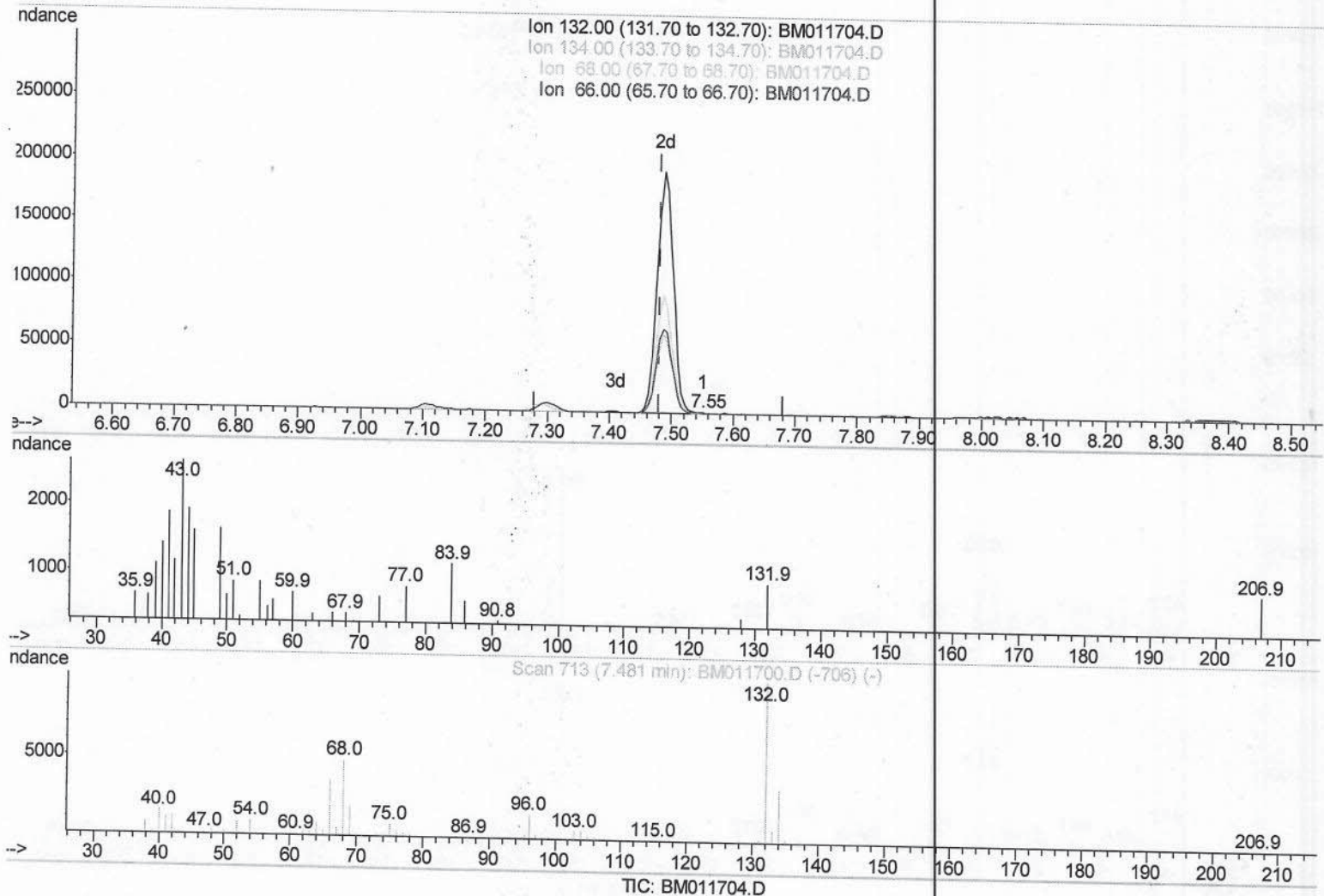
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Quant Time: Sep 25 02:01:11 2017
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(9) 2-Chlorophenol-d4 (S)

7.551min (+0.070) 0.03ng/ul

response 469

Ion	Exp%	Act%
132.00	100	100
134.00	33.40	0.00#
68.00	42.30	46.12
66.00	25.40	46.34#

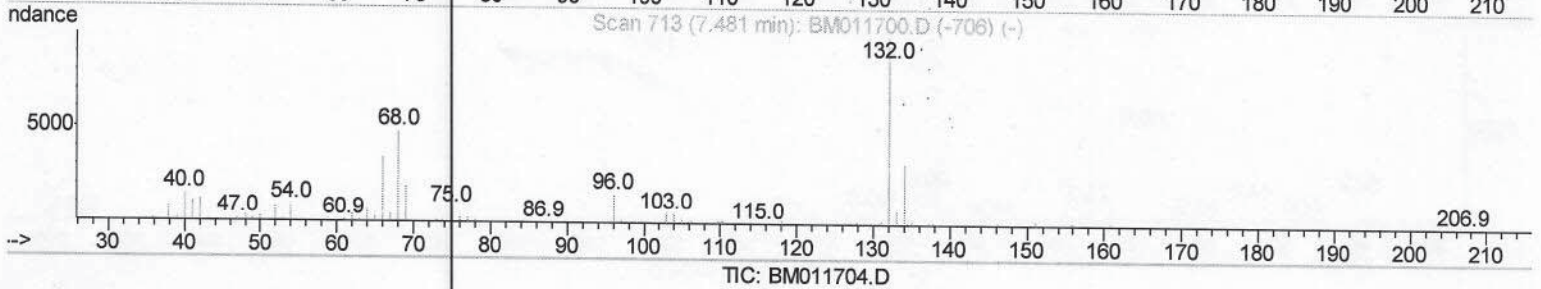
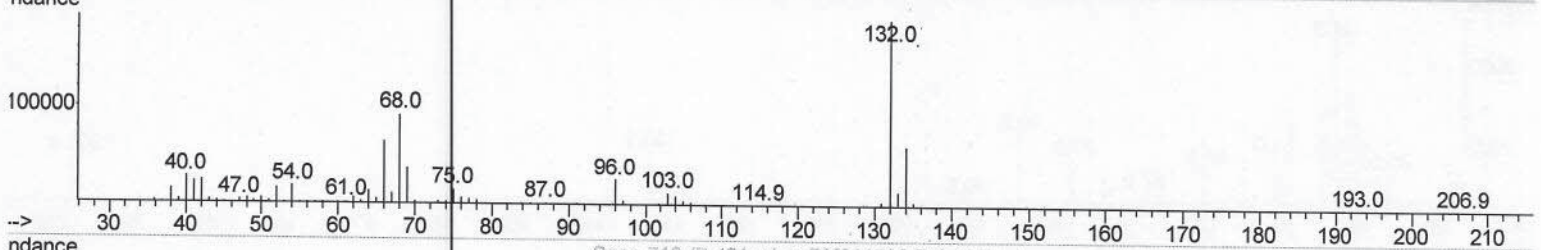
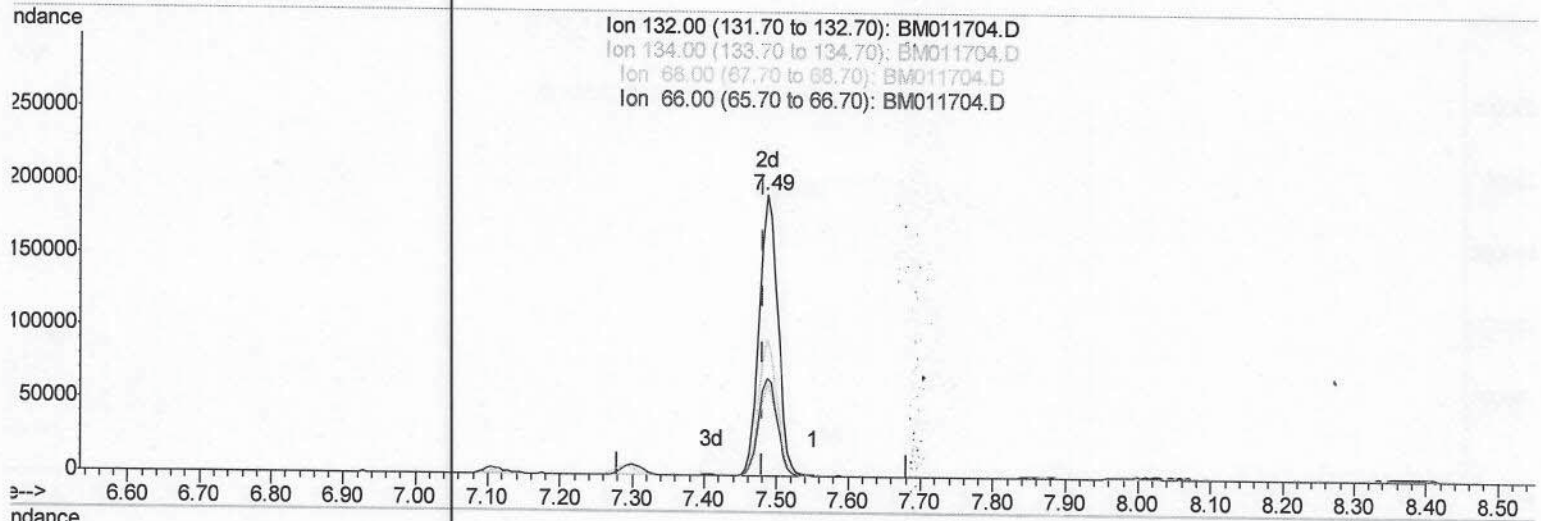
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092317\
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(9) 2-Chlorophenol-d4 (S)

7.487min (+0.006) 24.45ng/ul m

response 345429

Ion	Exp%	Act%
132.00	100	100
134.00	33.40	32.09
68.00	42.30	48.13
66.00	25.40	33.91#

S.J
10/02/2017

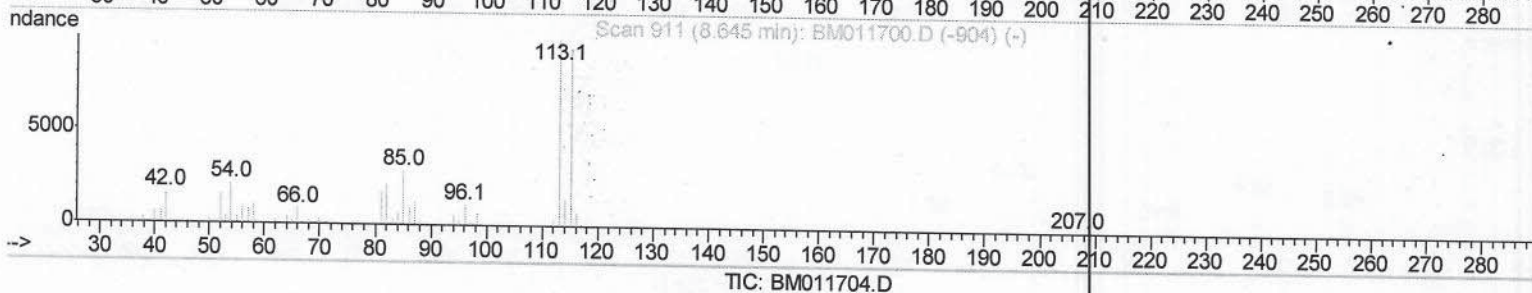
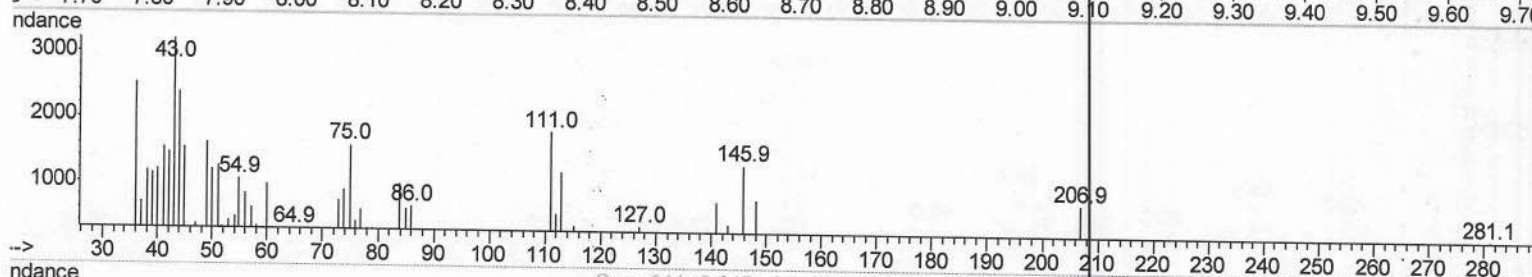
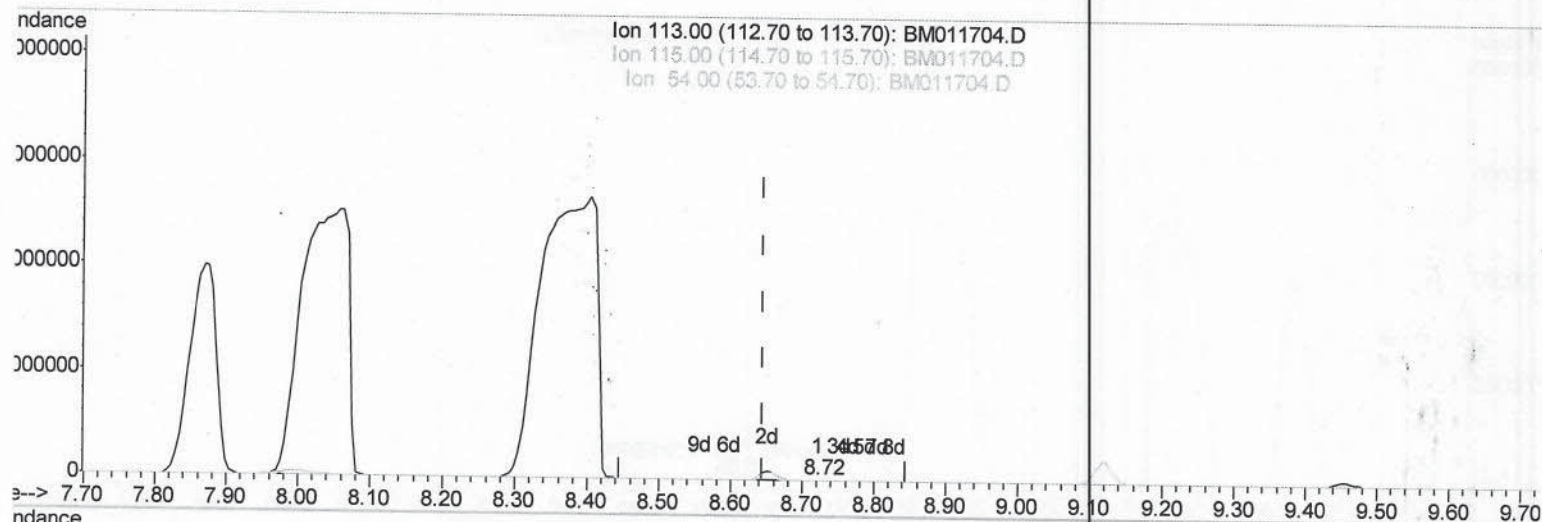
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092317\
Data File : BM011704.D
Acq On : 23 Sep 2017 14:17
Operator : SJ/JU
Sample : I5273-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF7

Manual Integrations
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Sohil
9/25/2017 6:28:41 PM

Quant Time: Sep 25 02:01:11 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
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(13) 4-Methylphenol-d8 (S)

8.722min (+0.076) 0.03ng/ul

response 458

Ion	Exp%	Act%
113.00	100	100
115.00	89.70	30.90#
54.00	13.30	40.03#
0.00	0.00	0.00

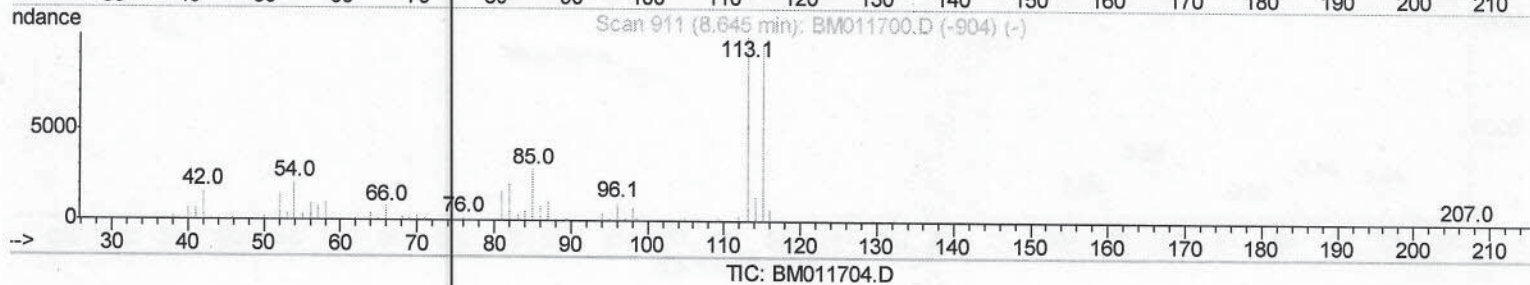
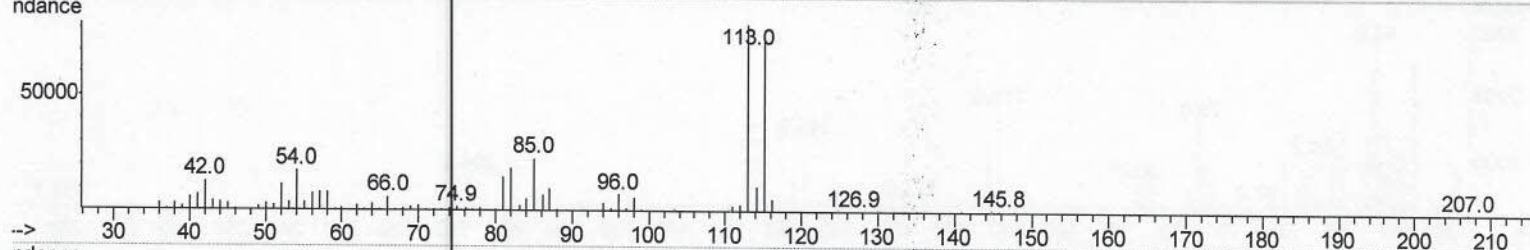
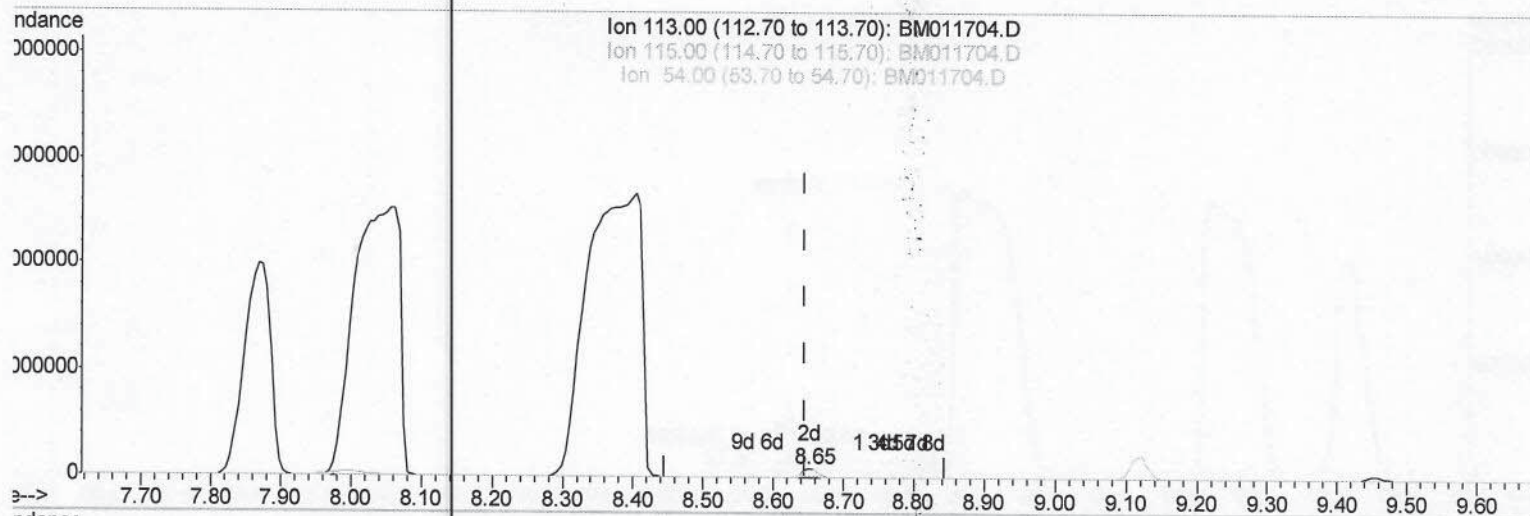
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092317\
Data File : BM011704.D
Acq On : 23 Sep 2017 14:17
Operator : SJ/JU
Sample : I5273-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF7

Manual Integrations
APPROVED

Sohil
9/25/2017 6:28:41 PM

Quant Time: Sep 25 02:01:11 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
Last Update : Mon Sep 25 01:59:49 2017
Response via : Initial Calibration



(13) 4-Methylphenol-d8 (S)

8.651min (+0.006) 9.22ng/ul m

response 134962

Ion	Exp%	Act%
113.00	100	100
115.00	89.70	93.84
54.00	13.30	21.32#
0.00	0.00	0.00

S.J
10/02/2017

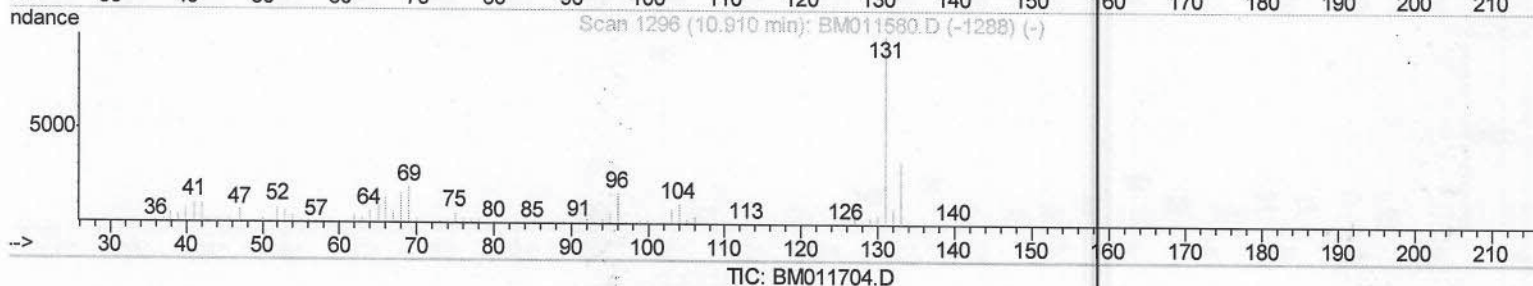
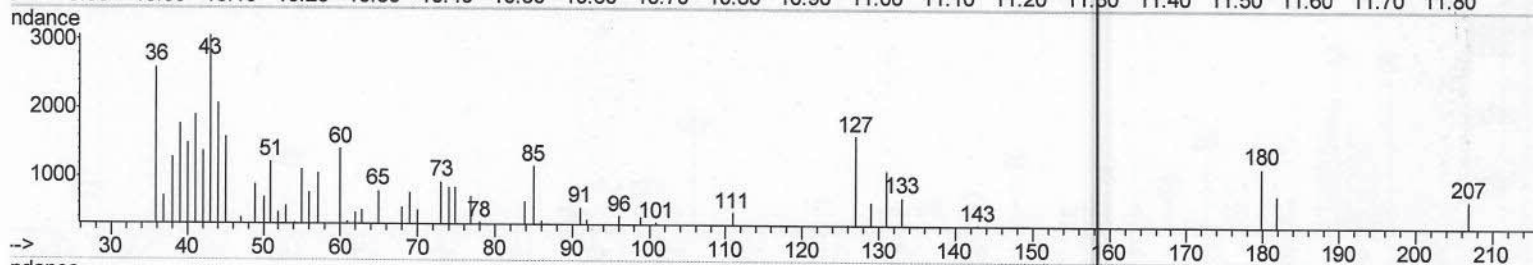
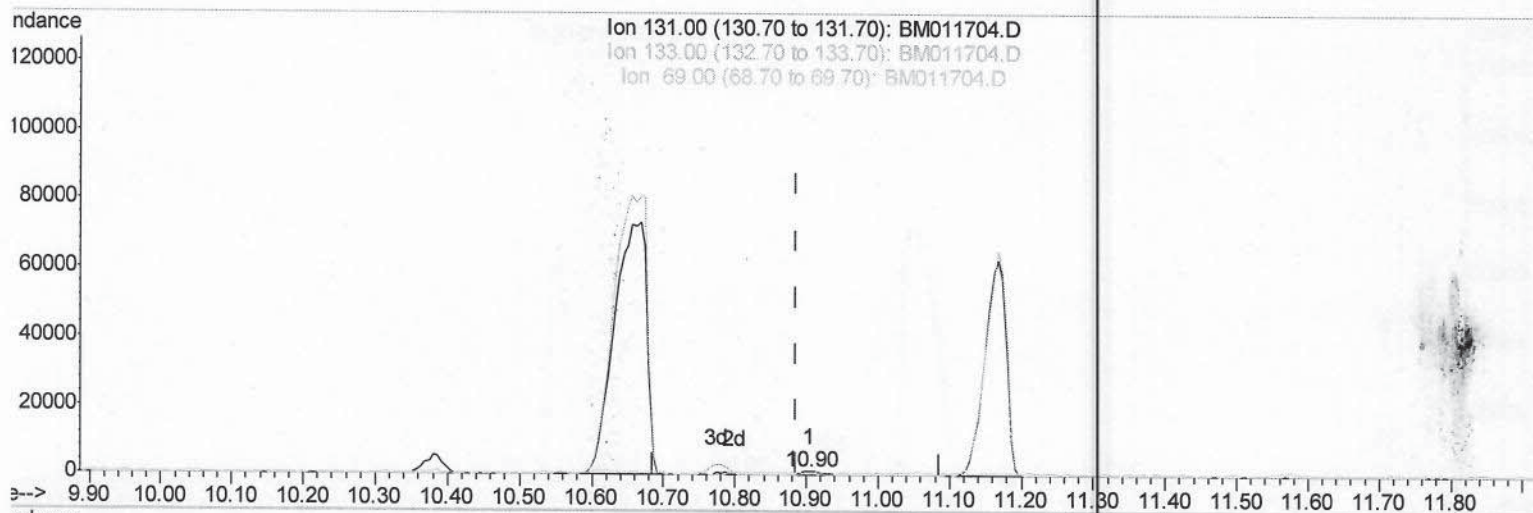
Data Path : Z:\HPCHEM1\BNA M\Data\BM092317\
Data File : BM011704.D
Acq On : 23 Sep 2017 14:17
Operator : SJ/JU
Sample : I5273-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF7

Manual Integrations
APPROVED

Sohil
9/25/2017 6:28:41 PM

Quant Time: Oct 02 09:15:30 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
Last Update : Mon Sep 25 04:47:21 2017
Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.904min (+0.017) 0.17ng/ul

response 2051

Ion	Exp%	Act%
131.00	100	100
133.00	33.90	65.55#
69.00	18.60	69.43#
0.00	0.00	0.00

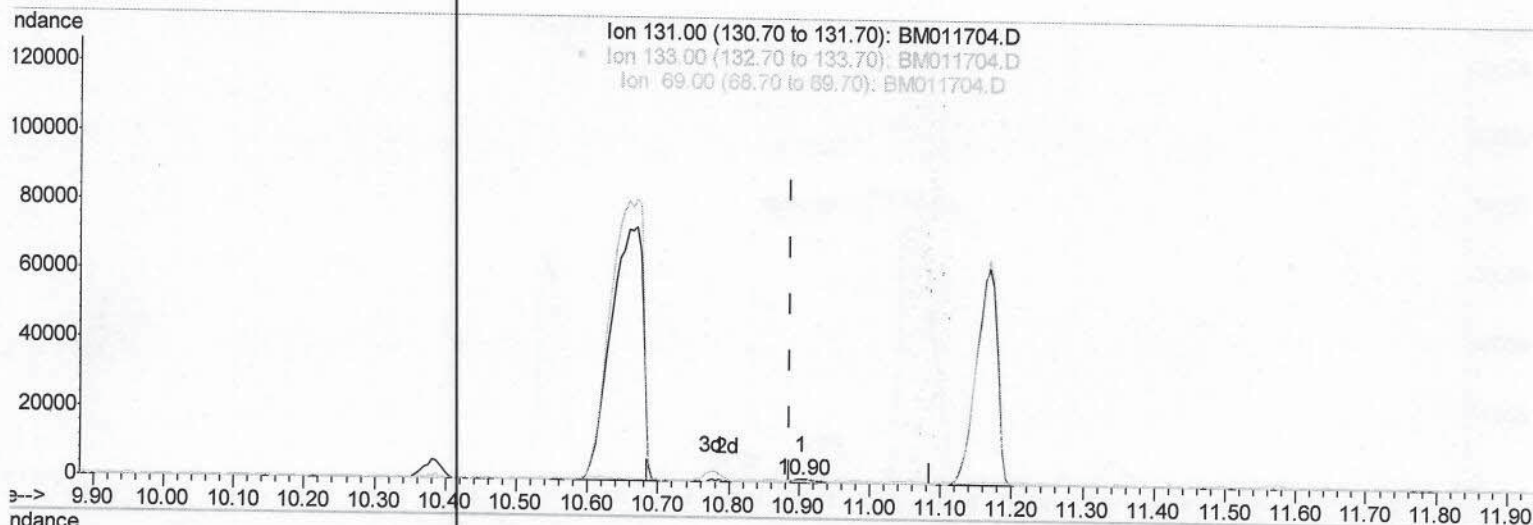
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Data File : BM011704.D
Acq On : 23 Sep 2017 14:17
Operator : SJ/JU
Sample : I5273-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF7

Manual Integrations
APPROVED

Sohil
9/25/2017 6:28:41 PM

Quant Time: Sep 25 16:28:33 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
Last Update : Mon Sep 25 01:59:49 2017
Response via : Initial Calibration



ata Path : Z:\HPCHEM1\BNA M\Data\BM092317\
 ata File : BM011704.D
 on : 23 Sep 2017 14:17
 erator : SJ/JU
 ample : I5273-14
 isc :
 LS Vial : 7 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Sohil
 9/25/2017 6:28:41 PM

uant Time: Oct 02 09:18:38 2017
 uant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	195264	20.00	ng/ul	0.05
18) Naphthalene-d8	10.77	136	690176	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.58	164	361461	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.32	188	780258	20.00	ng/ul	0.00
78) Chrysene-d12	21.49	240	870450	20.00	ng/ul	0.00
86) Perylene-d12	23.85	264	897206	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.38	96	19975	4.60	ng/uL	0.00
5) Phenol-d5	7.10	99	109723	5.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	379237	30.01	ng/ul	0.01
9) 2-Chlorophenol-d4	7.49	132	345429m	24.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	134962m	9.22	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	206208	39.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	225867	41.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	357439	32.60	ng/ul	0.01
29) 4-Chloroaniline-d4	10.90	131	2168m	0.18	ng/ul	0.02
44) Dimethylphthalate-d6	13.99	166	1150087	37.64	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	1234152	33.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	38436	6.69	ng/ul	0.00
58) Fluorene-d10	15.57	176	954302	36.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	171354	37.74	ng/ul	0.00
71) Anthracene-d10	17.42	188	1520222	39.57	ng/ul	0.00
79) Pyrene-d10	19.71	212	1737064	42.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.70	264	1608574	37.62	ng/ul	0.00
Target Compounds						
20) Nitrobenzene	9.16	77	542309	44.02	ng/ul	Ovalue 99
23) 2-Nitrophenol	9.87	139	21106	3.69	ng/ul	92
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	981932	91.58	ng/ul#	96
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	3307764	318.14	ng/uL	99
74) Pentachlorobenzene	14.90	250	35073	3.33	ng/uL	96

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

S.J
 10/02/2017