

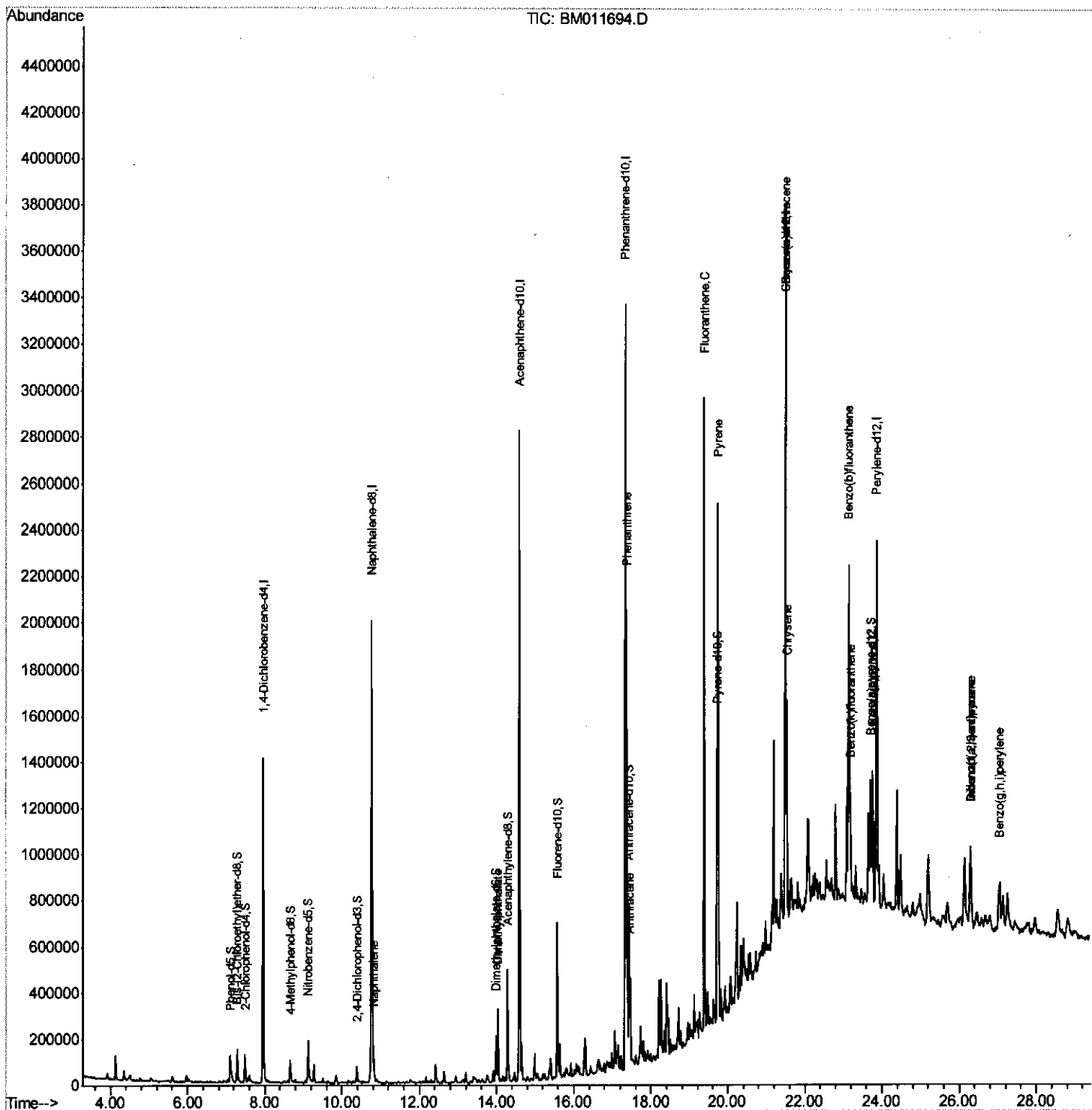
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
Data File : BM011694.D
Acq On : 22 Sep 2017 16:09
Operator : SJ/JU
Sample : I5283-06RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
Client Sampled :
CB3B1

Manual Integrations
APPROVED

Sohil
9/25/2017 6:23:35 PM

Quant Time: Sep 23 01:19:52 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 23:48:55 2017
Response via : Initial Calibration



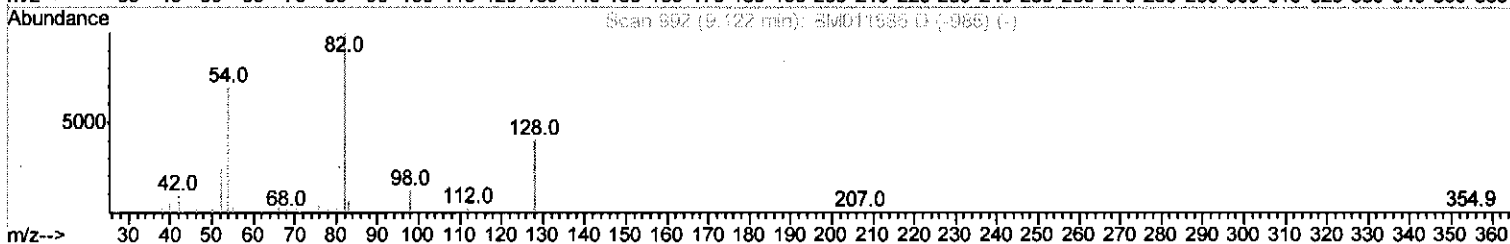
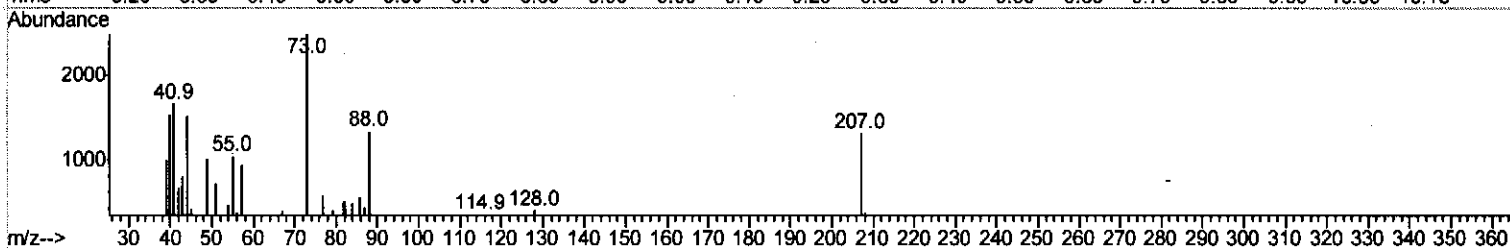
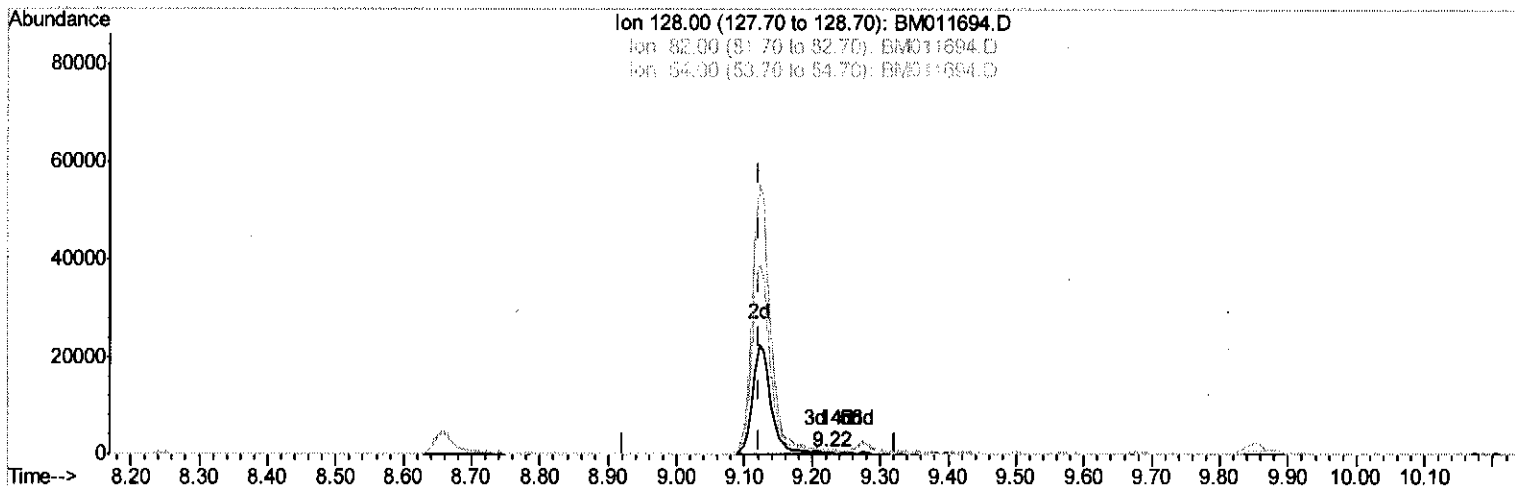
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TIC: BM011694.D

(19) Nitrobenzene-d5 (S)

9.222min (+0.100) 0.02ng/ul

response 240

Ion	Exp%	Act%
128.00	100	100
82.00	244.60	257.11
54.00	108.20	118.42
0.00	0.00	0.00

Quantitation Report (Qedit)

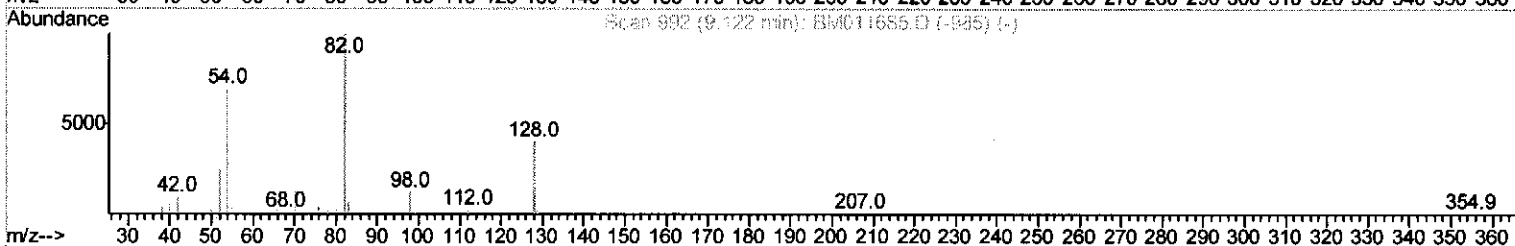
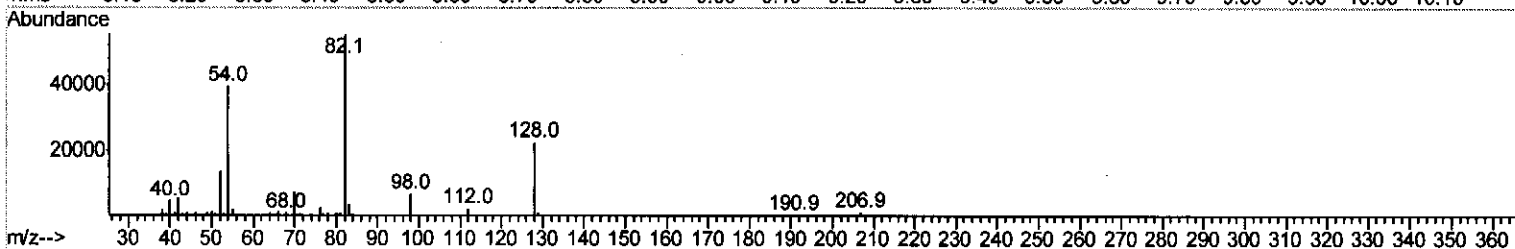
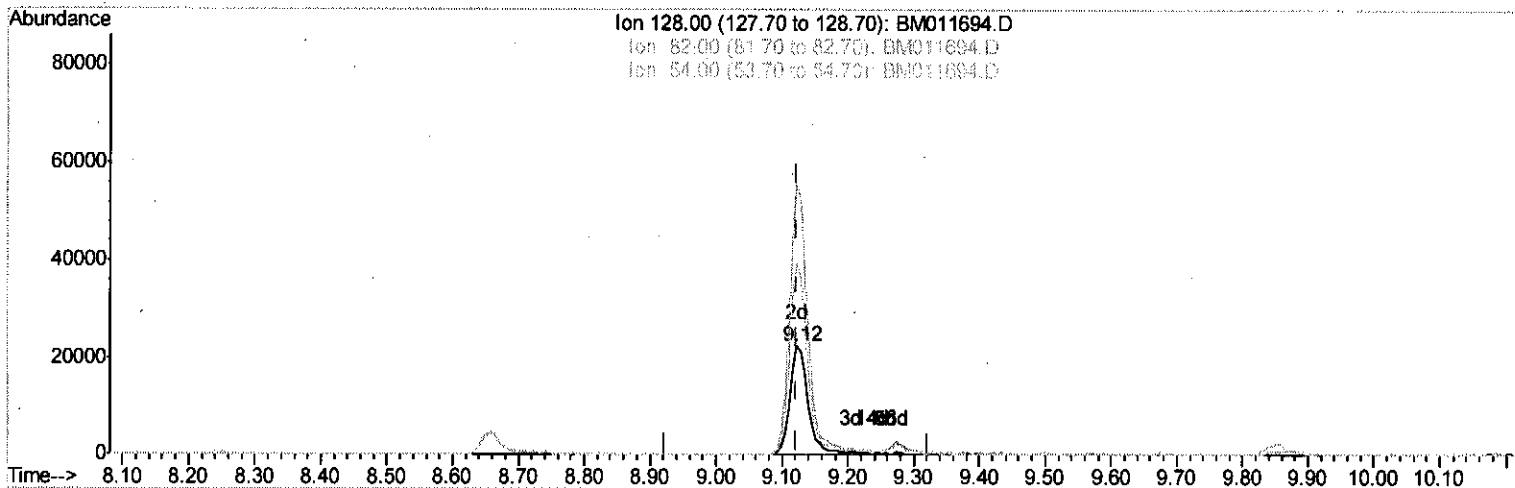
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Instrument :
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Manual Integrations
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Response via : Initial Calibration



TIC: BM011694.D

(19) Nitrobenzene-d5 (S)

9.122min (+0.000) 3.51ng/ul *3.51 ng/ul 10/3/17*

response 42467

Ion	Exp%	Act%
128.00	100	100
82.00	244.60	247.80
54.00	108.20	176.47#
0.00	0.00	0.00

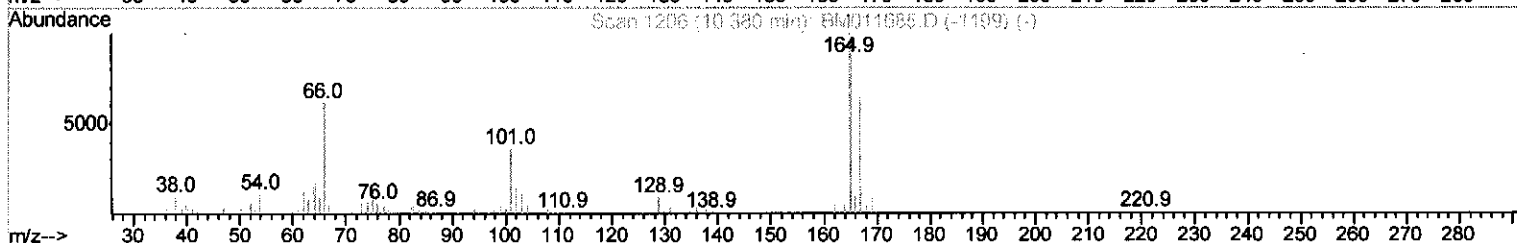
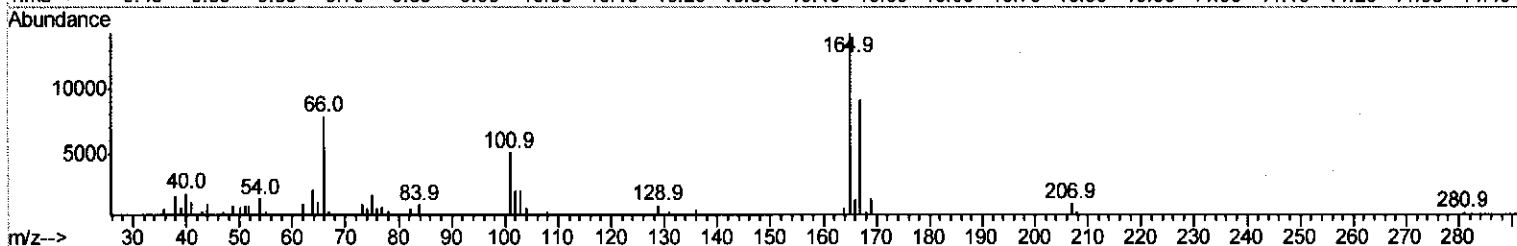
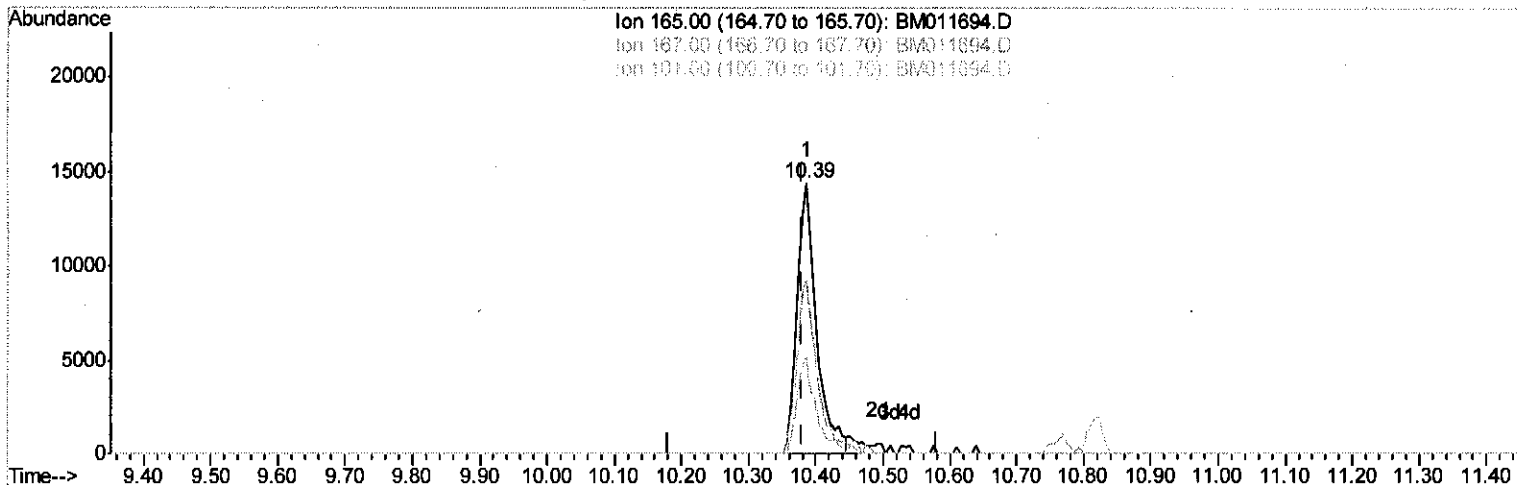
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
Data File : BM011694.D
Acq On : 22 Sep 2017 16:09
Operator : SJ/JU
Sample : I5283-06RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB3B1

Manual Integrations
APPROVED

Sohil
9/25/2017 6:23:35 PM

Quant Time: Sep 23 01:15:57 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 23:48:55 2017
Response via : Initial Calibration



TIC: BM011694.D

(26) 2,4-Dichlorophenol-d3 (S)

10.386min (+0.006) 1.13ng/ul

response 28648

Ion	Exp%	Act%
165.00	100	100
167.00	69.50	64.14
101.00	31.20	35.58
0.00	0.00	0.00

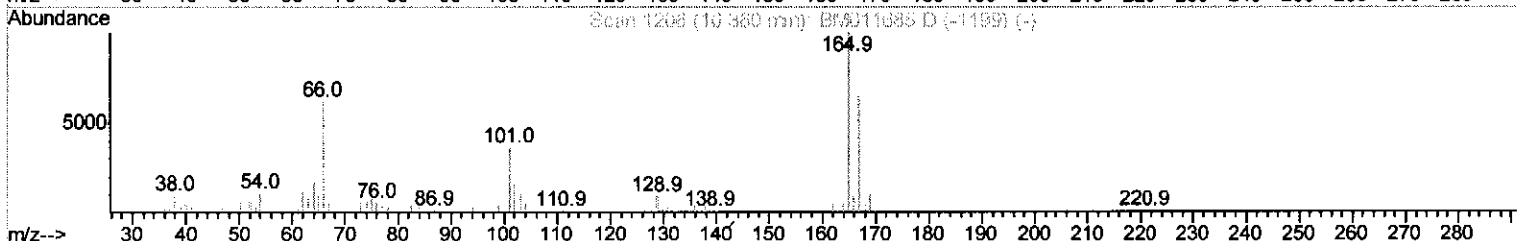
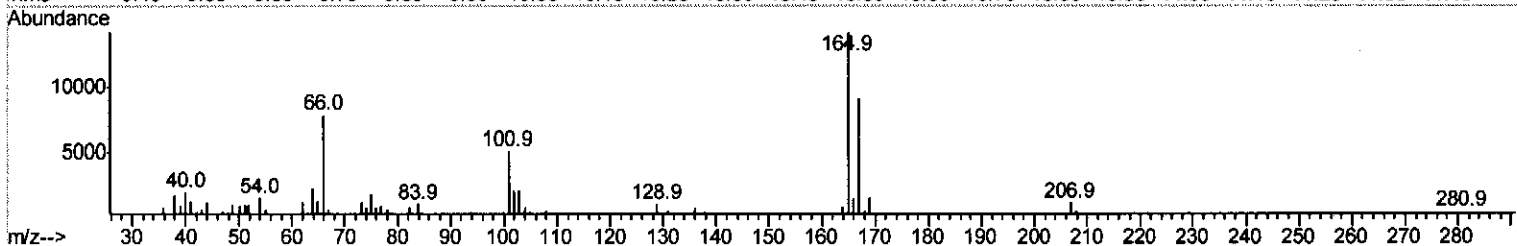
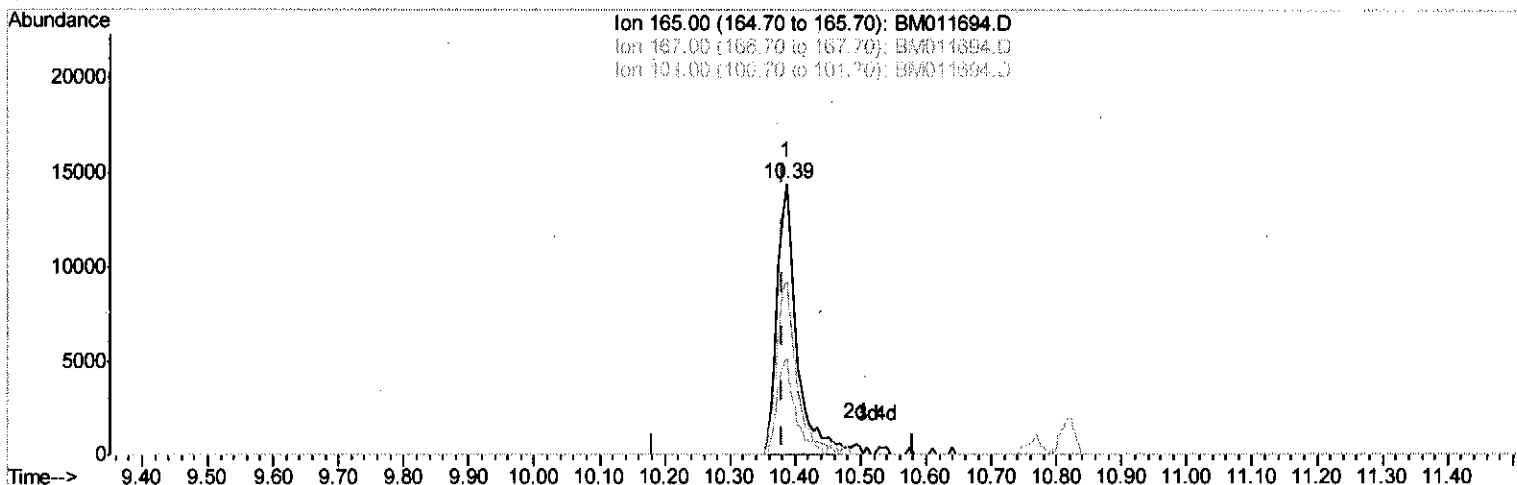
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Data File : BM011694.D
Acq On : 22 Sep 2017 16:09
Operator : SJ/JU
Sample : I5283-06RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB3B1

Manual Integrations
APPROVED

Sohil
9/25/2017 6:23:35 PM

Quant Time: Sep 23 01:15:57 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 23:48:55 2017
Response via : Initial Calibration



TIC: BM011694.D

(26) 2,4-Dichlorophenol-d3 (S)

10.386min (+0.006) 1.20ng/ul m

response 30352

Ion	Exp%	Act%
165.00	100	100
167.00	69.50	64.14
101.00	31.20	35.58
0.00	0.00	0.00

Quantitation Report (Qedit)

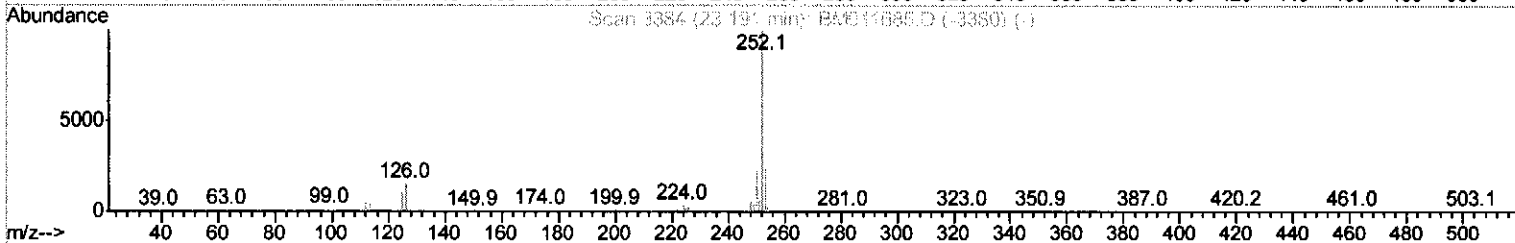
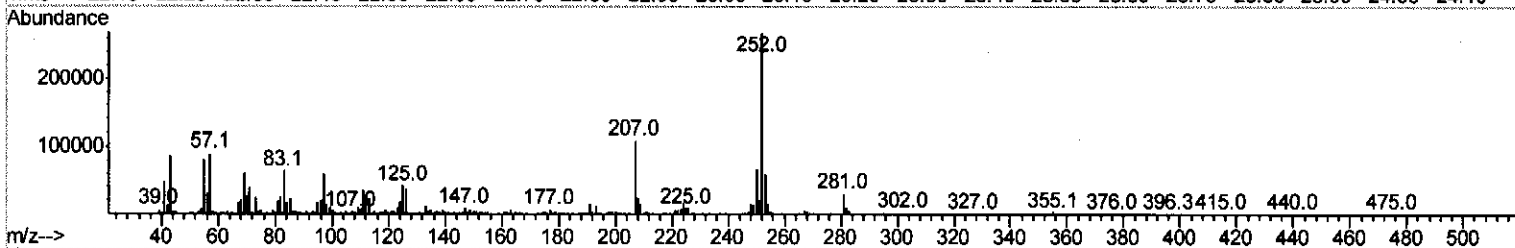
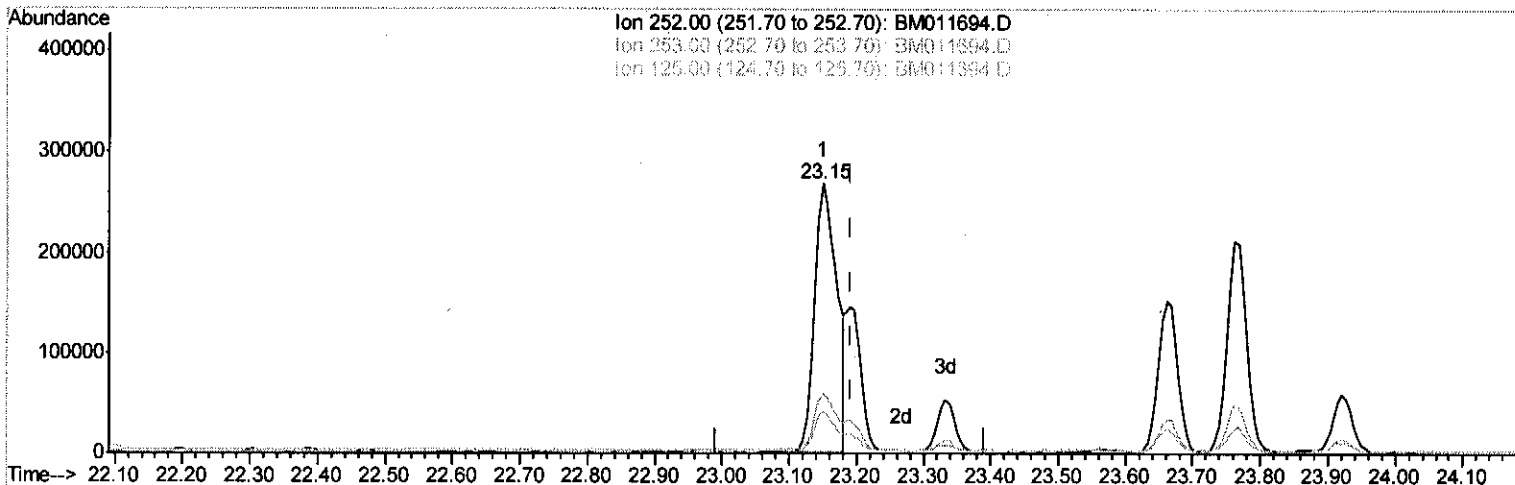
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
Data File : BM011694.D
Acq On : 22 Sep 2017 16:09
Operator : SJ/JU
Sample : I5283-06RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
CB3B1

Manual Integrations
APPROVED

Sohil
9/25/2017 6:23:35 PM

Quant Time: Sep 23 01:15:57 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 23:48:55 2017
Response via : Initial Calibration



TIC: BM011694.D

(89) Benzo(k)fluoranthene

23.150min (-0.041) 8.92ng/ul

response 616248

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.27
125.00	6.70	15.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

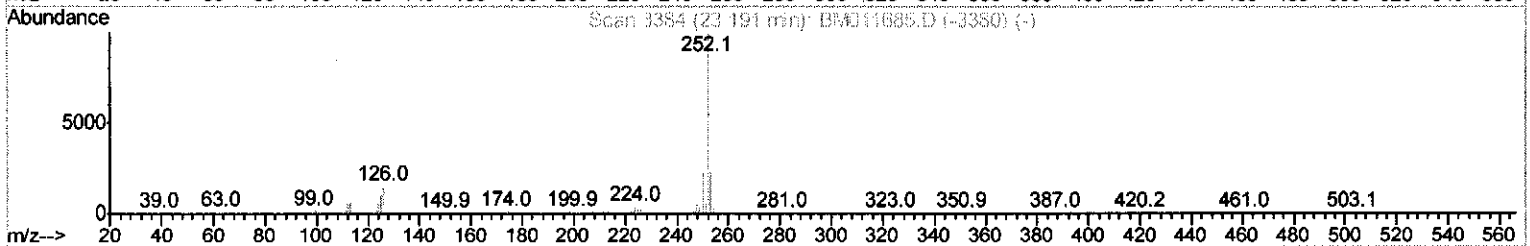
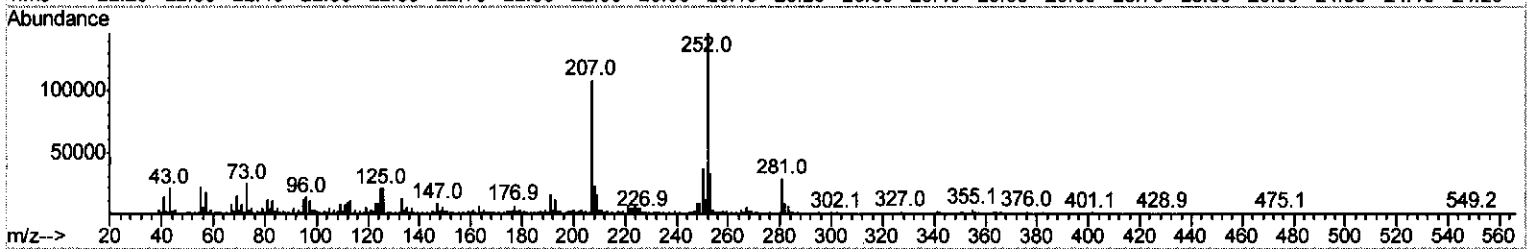
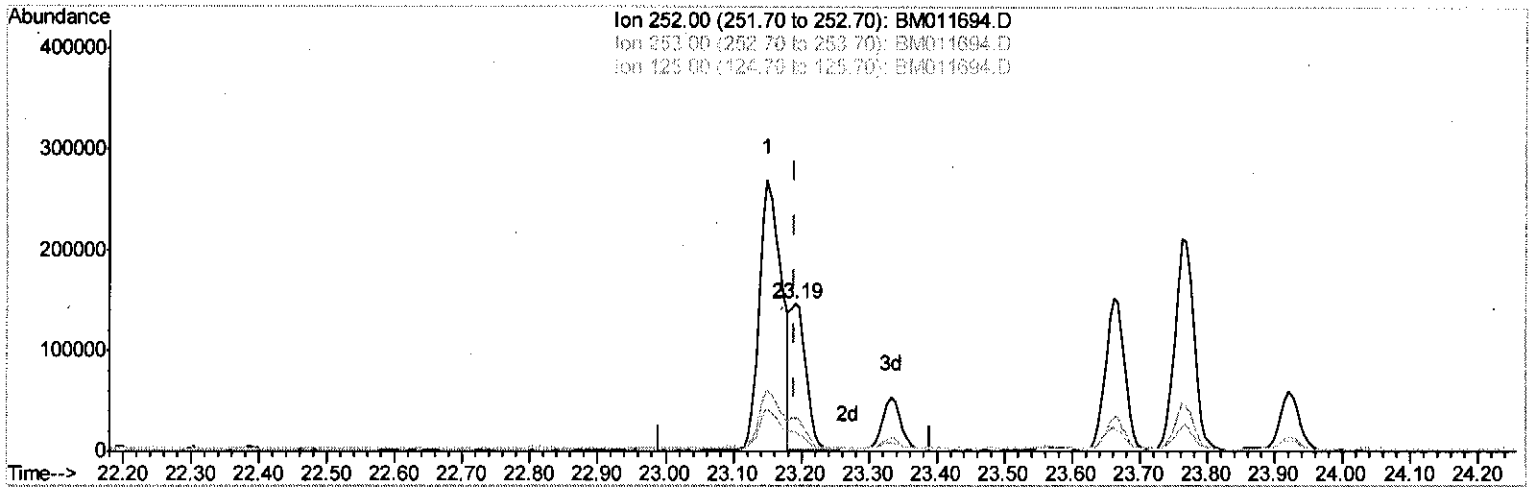
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
Data File : BM011694.D
Acq On : 22 Sep 2017 16:09
Operator : SJ/JU
Sample : I5283-06RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB3B1

Manual Integrations
APPROVED

Sohil
9/25/2017 6:23:35 PM

Quant Time: Sep 23 01:19:52 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BM011694.D

(89) Benzo(k)fluoranthene

23.192min (+0.000) 3.37ng/ul mJU 10/3/17

response 232753

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.27
125.00	6.70	13.60#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
 Data File : BM011694.D
 Acq On : 22 Sep 2017 16:09
 Operator : SJ/JU
 Sample : I5283-06RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 CB3B1

Manual Integrations
 APPROVED

Sohil
 9/25/2017 6:23:35 PM

Quant Time: Sep 23 01:19:52 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 22 23:48:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	353197	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	1594266	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	870587	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1806860	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1250908	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1195251	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	3132	0.40	ng/uL	0.00
5) Phenol-d5	7.11	99	48528	1.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	78720	3.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	49932	1.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	40354	1.52	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	42467m	3.51	ng/ul	> 0.00
22) 2-Nitrophenol-d4	9.86	143	9562	0.76	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.39	165	30352m	1.20	ng/ul	> 0.00
29) 4-Chloroaniline-d4	10.87	131	1098	0.04	ng/ul	-0.03
44) Dimethylphthalate-d6	13.99	166	123469	1.68	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	323085	3.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	227	0.02	ng/ul	-0.18
58) Fluorene-d10	15.58	176	247727	3.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.43	188	383976	4.32	ng/ul	0.00
79) Pvrene-d10	19.72	212	399612	6.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	229150	4.02	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.82	128	93670	1.133	ng/ul	98
45) Dimethylphthalate	14.04	163	187573	2.662	ng/ul	99
70) Phenanthrene	17.37	178	1104459	10.966	ng/ul	99
72) Anthracene	17.46	178	240630	2.328	ng/ul	99
77) Fluoranthene	19.39	202	1613185	15.573	ng/ul#	92
80) Pvrene	19.74	202	1332754	18.261	ng/ul#	89
83) Benzo(a)anthracene	21.49	228	567508	8.240	ng/ul	98
85) Chrysene	21.54	228	533431	8.543	ng/ul	100
88) Benzo(b)fluoranthene	23.15	252	616248	8.570	ng/ul#	93
89) Benzo(k)fluoranthene	23.19	252	232753m	3.370	ng/ul	> 94
91) Benzo(a)pyrene	23.76	252	421517	6.211	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	26.30	276	284382	3.809	ng/ul#	93
93) Dibenzo(a,h)anthracene	26.30	278	77656	1.227	ng/ul#	86
94) Benzo(g,h,i)perylene	27.05	276	274052	4.533	ng/ul#	91

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