

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013983.D
Acq On : 30 Jan 2018 06:16
Operator : SJ/JU
Sample : J1243-12DL 30X
Misc :
ALS Vial : 28 Sample Multiplier: 1

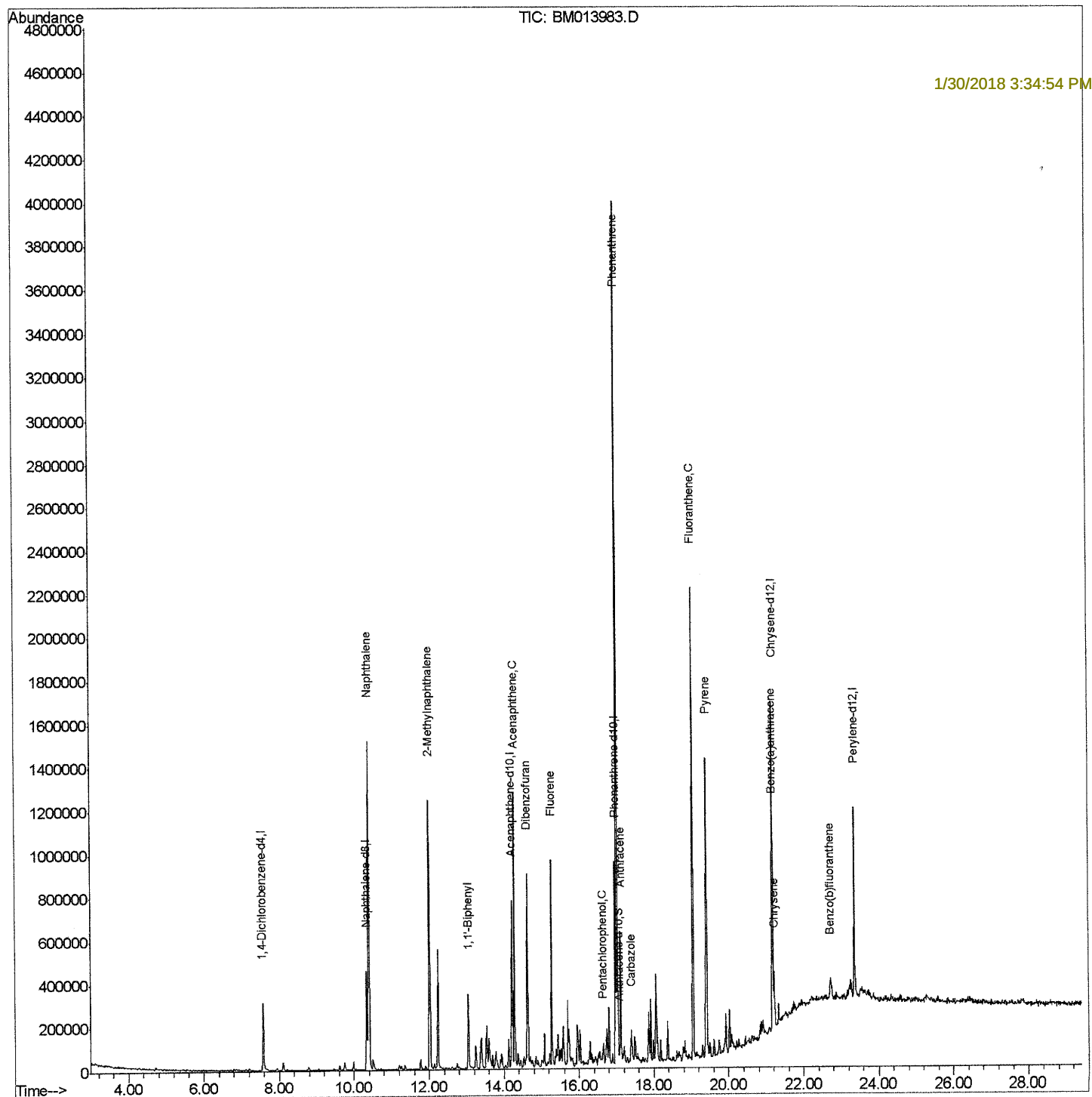
Instrument :
BNA_M
Client Sampled :
F6B35DL

Manual Integrations
APPROVED

Sohil
1/30/2018 3:34:54 PM

Quant Time: Jan 30 08:16:52 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration

Sohil



Quantitation Report (Qedit)

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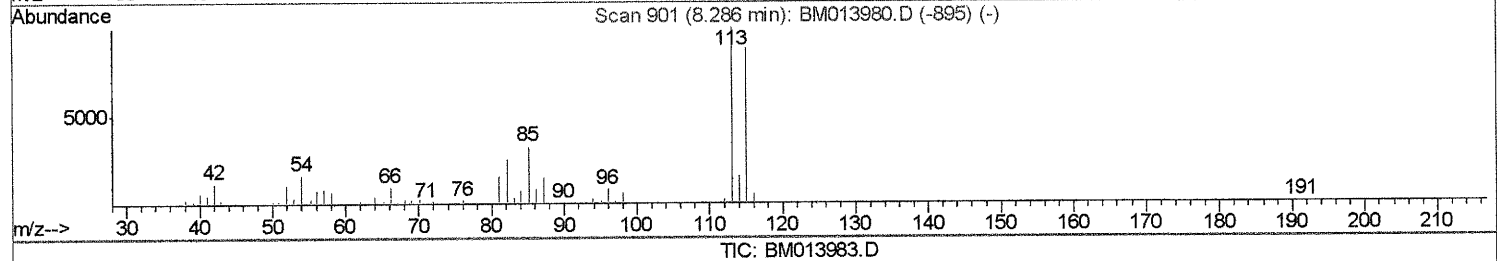
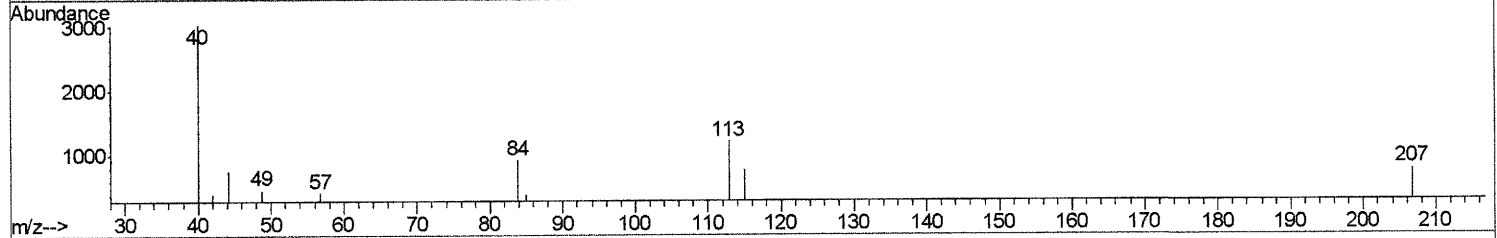
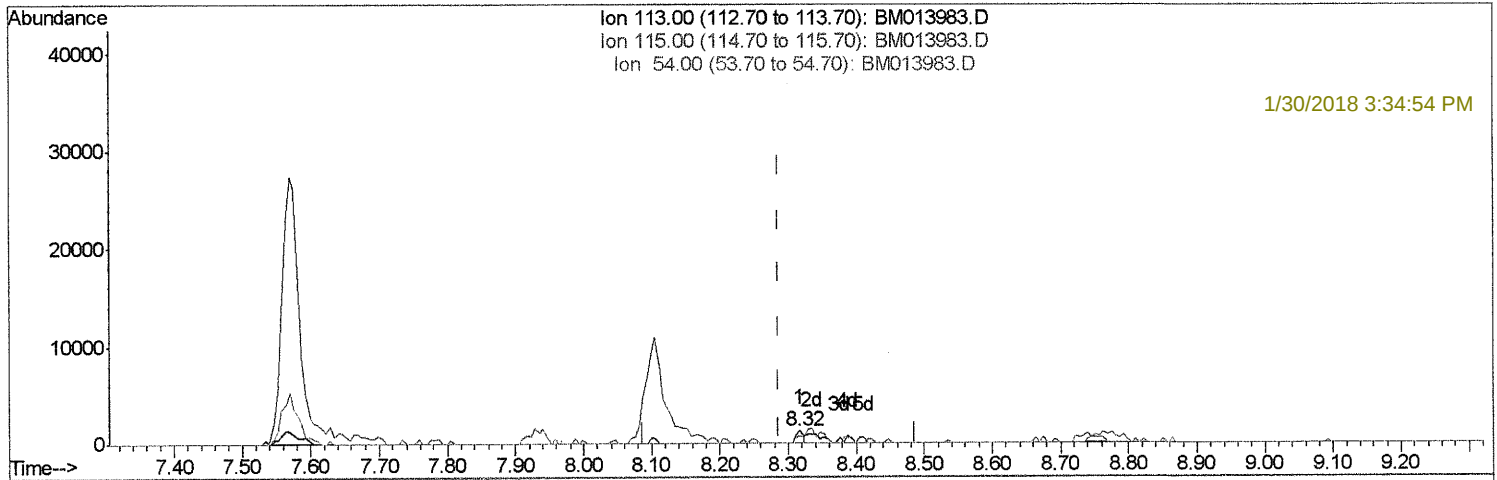
Instrument :
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TIC: BM013983.D

(13) 4-Methylphenol-d8 (S)
 8.316min (+0.030) 0.19ng/ul
 response 951

Ion	Exp%	Act%
113.00	100	100
115.00	88.30	63.71#
54.00	18.90	0.00#
0.00	0.00	0.00

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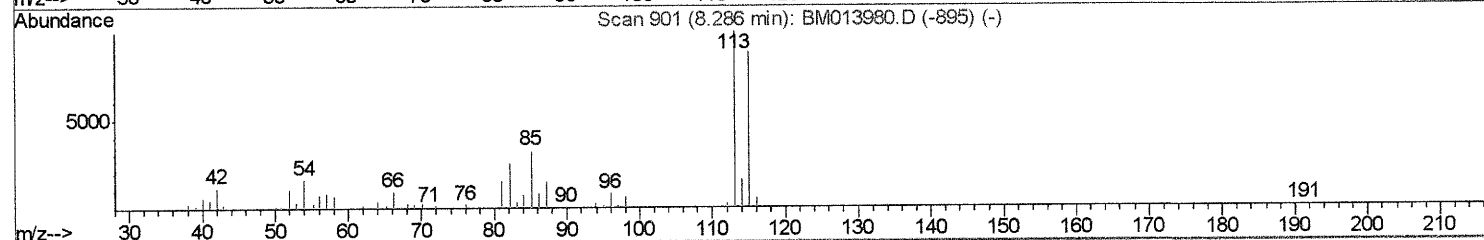
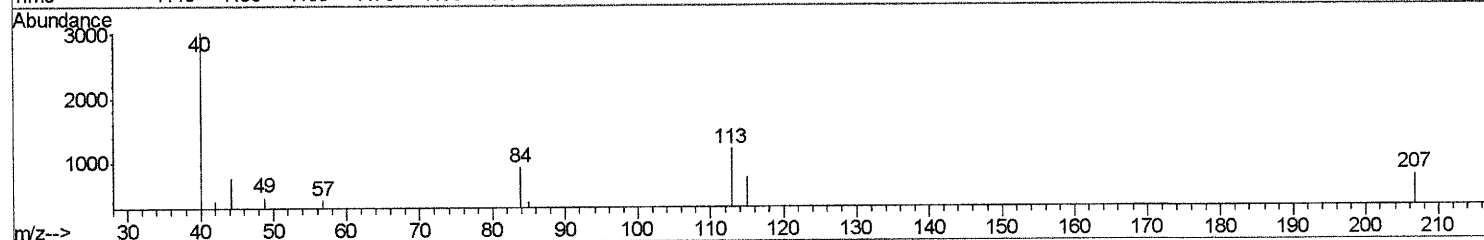
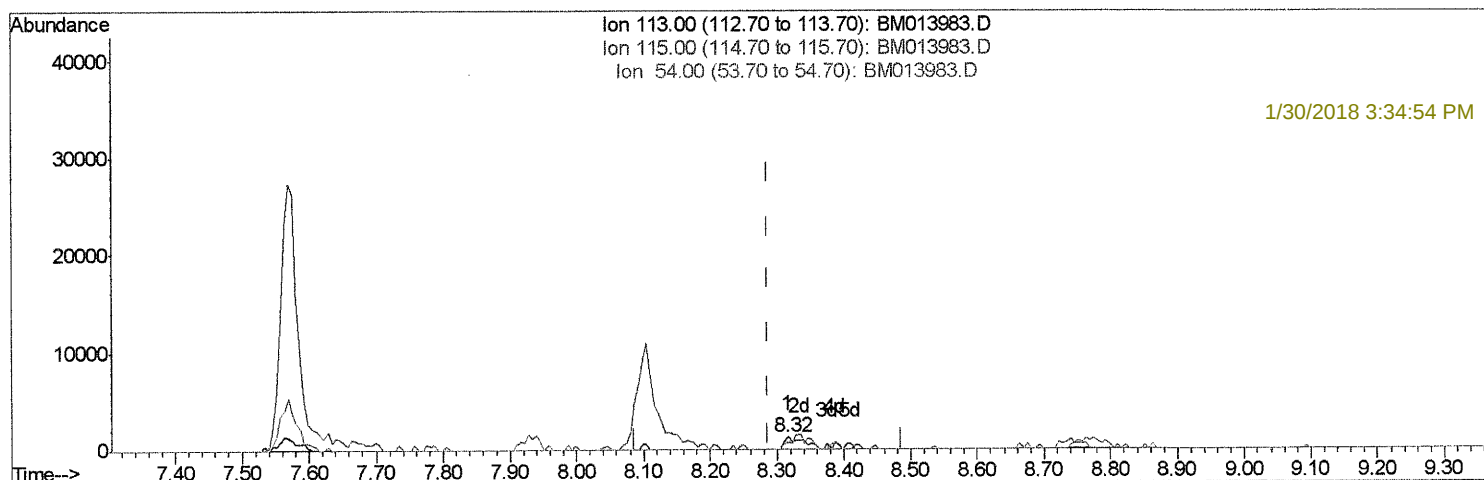
Instrument :
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Client Sampled :
F6B35DL

Manual Integrations
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TIC: BM013983.D

(13) 4-Methylphenol-d8 (S)

8.316min (+0.030) 0.48ng/ul m> SJ 2/8/18

response 2389

Ion	Exp%	Act%
113.00	100	100
115.00	88.30	63.71#
54.00	18.90	0.00#
0.00	0.00	0.00

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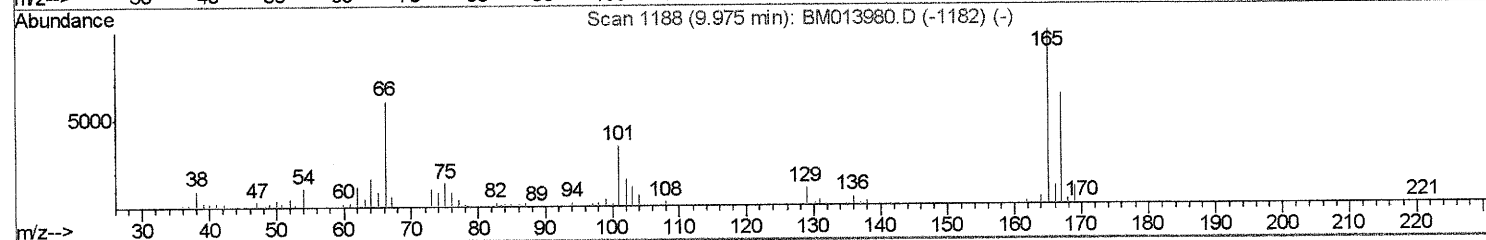
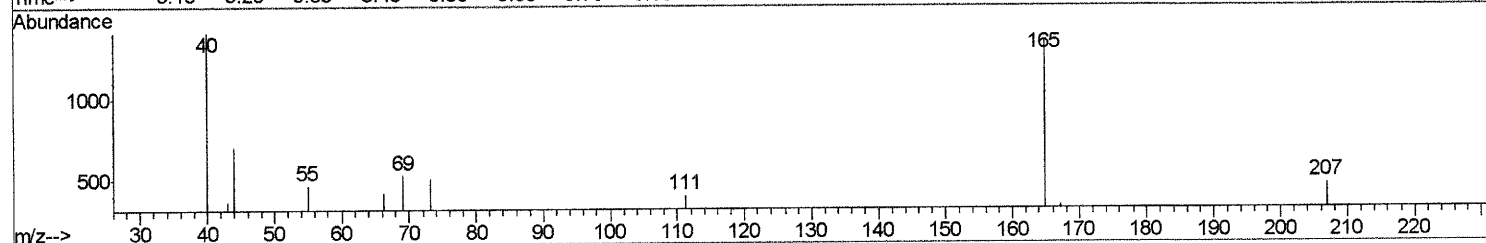
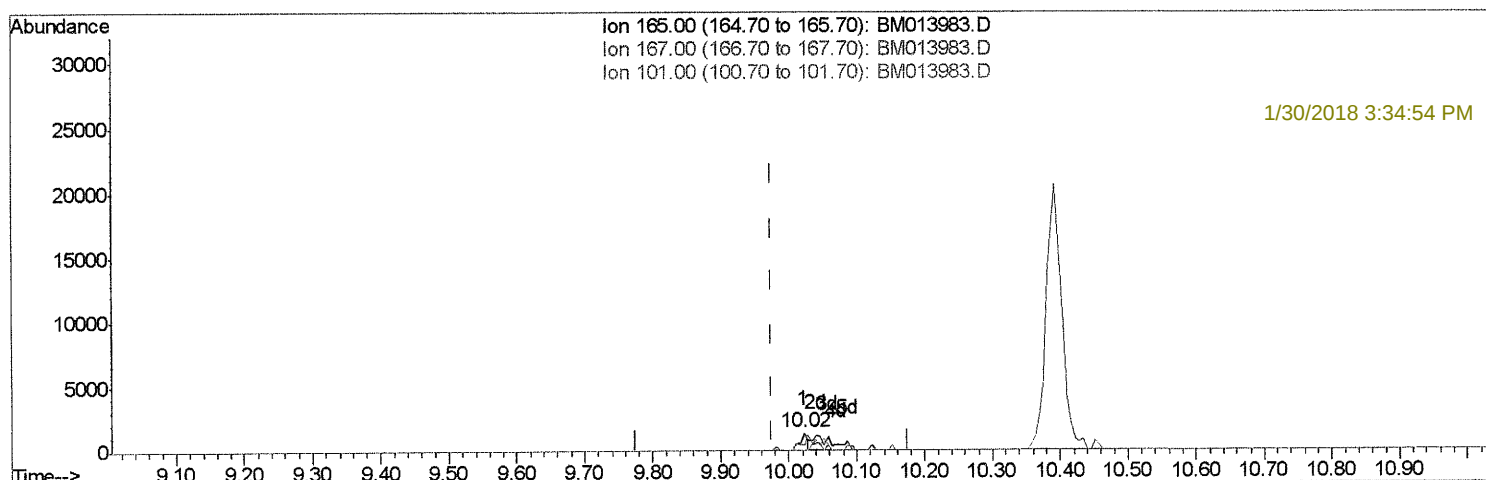
Instrument :
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Manual Integrations
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Sohil
 1/30/2018 3:34:54 PM

Quant Time: Jan 30 08:14:20 2018
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TIC: BM013983.D

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

10.022min (+0.047) 0.22ng/ul

response 1124

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	24.61#
101.00	29.30	0.00#
0.00	0.00	0.00

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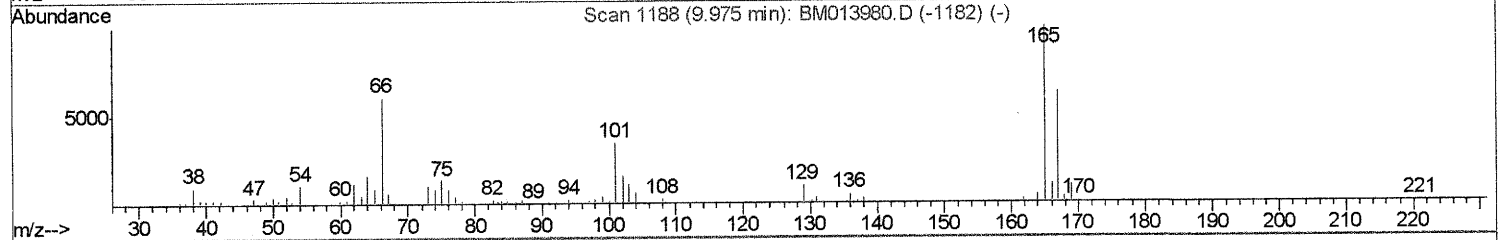
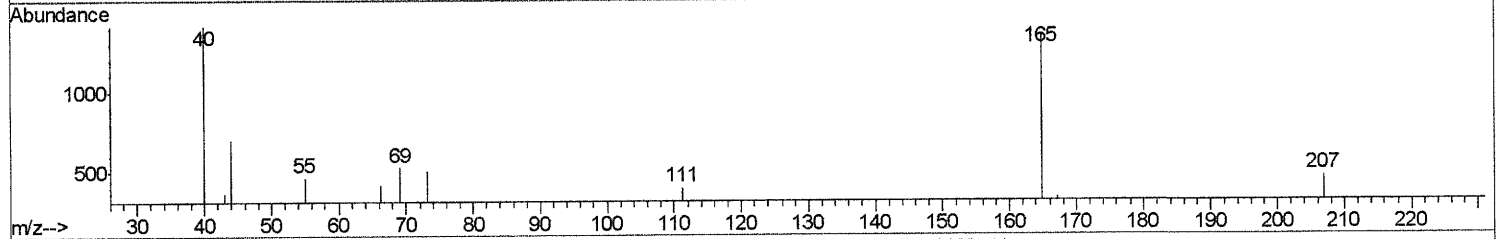
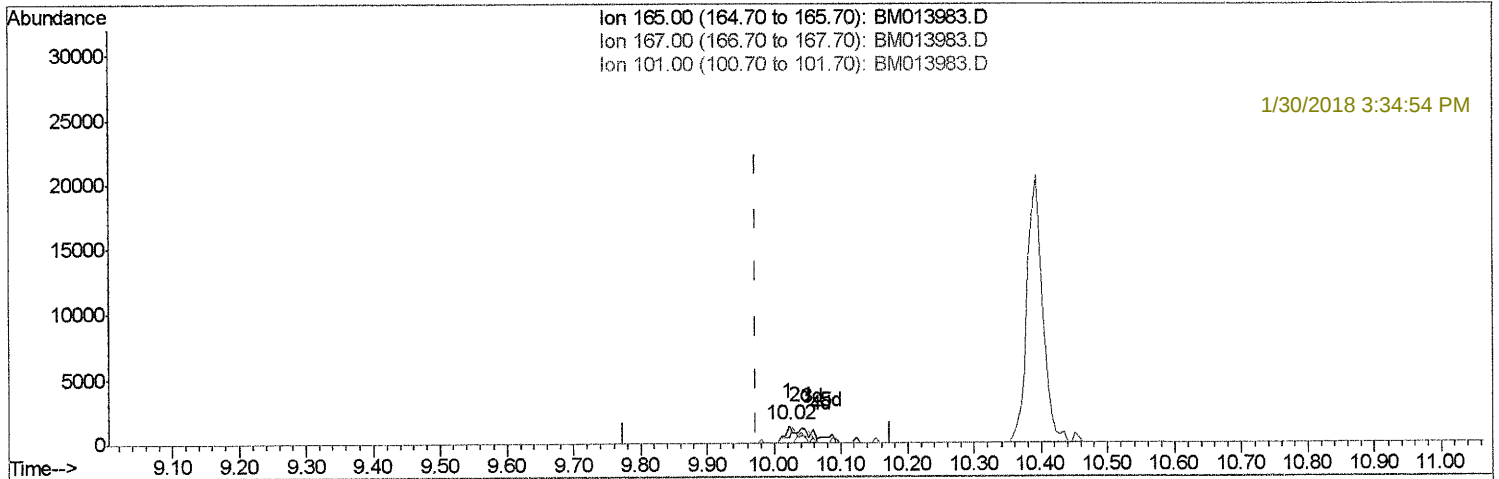
Instrument :
 BNA_M
 ClientSampleId :
 F6B35DL

Manual Integrations
 APPROVED

Sohil
 1/30/2018 3:34:54 PM

Quant Time: Jan 30 08:14:20 2018
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 30 07:49:34 2018
 Response via : Initial Calibration

Sohil



TIC: BM013983.D

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

10.022min (+0.047) 0.53ng/ul m> SJ 21818

response 2762

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	24.61#
101.00	29.30	0.00#
0.00	0.00	0.00

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Misc :
ALS Vial : 28 Sample Multiplier: 1

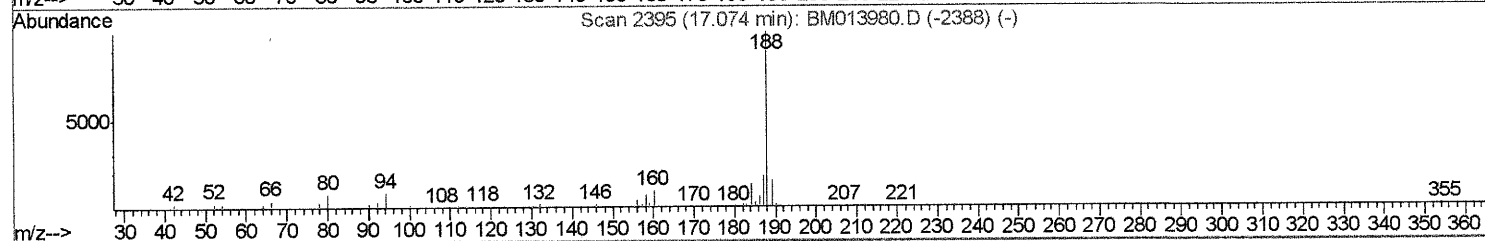
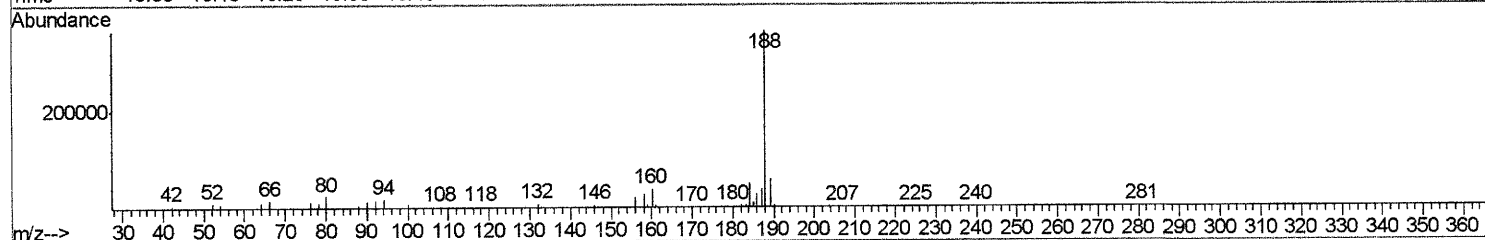
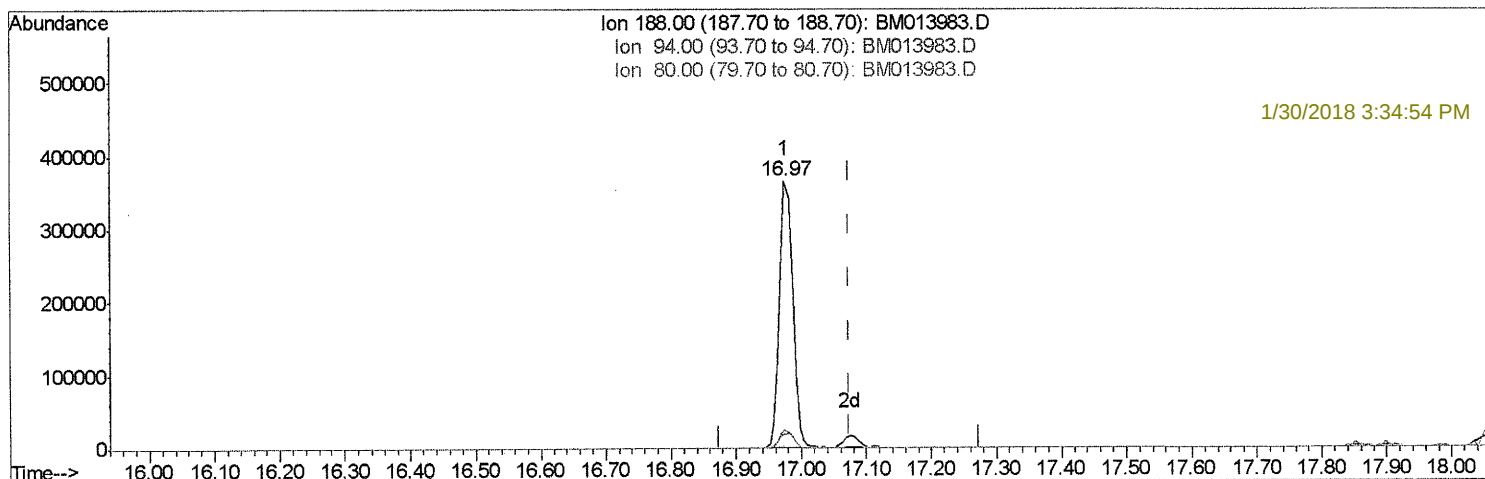
Instrument :
BNA_M
ClientSampleId :
F6B35DL

Manual Integrations
APPROVED

Sohil
1/30/2018 3:34:54 PM

Quant Time: Jan 30 08:14:57 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
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Sohil



TIC: BM013983.D

(70) Anthracene-d10 (S)

16.974min (-0.100) 20.53ng/ul

response 521399

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	5.21
80.00	5.90	6.79
0.00	0.00	0.00

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 ALS Vial : 28 Sample Multiplier: 1

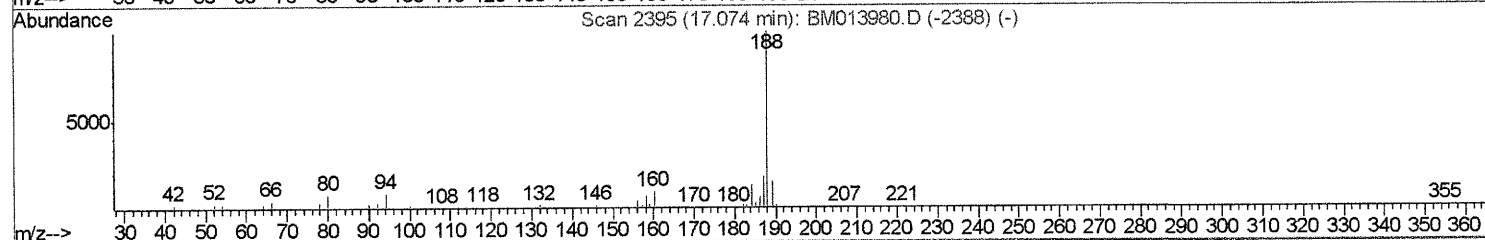
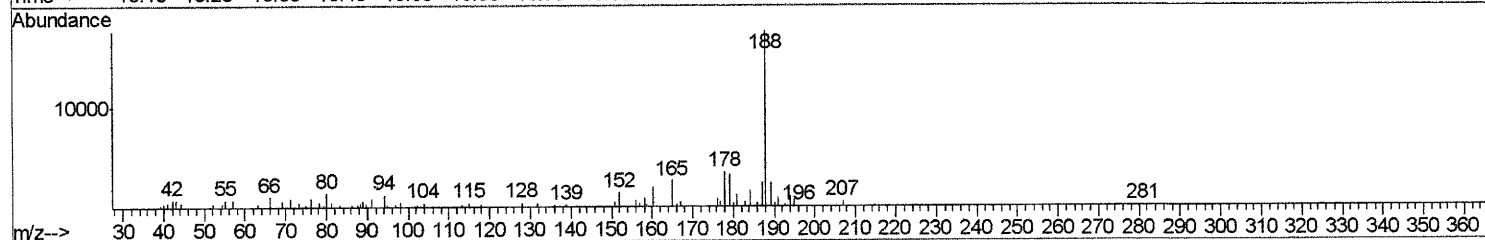
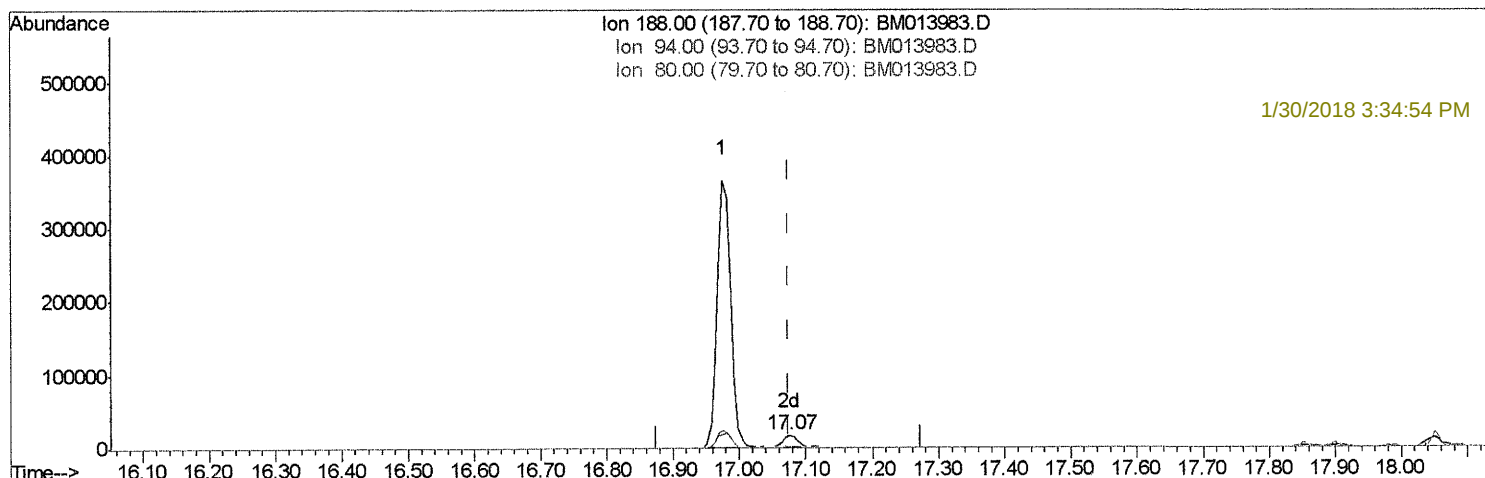
Instrument :
 BNA_M
 ClientSampleId :
 F6B35DL

Manual Integrations
 APPROVED

Sohil
 1/30/2018 3:34:54 PM

Quant Time: Jan 30 08:14:57 2018
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Sohil



TIC: BM013983.D

(70) Anthracene-d10 (S)

17.074min (+0.000) 1.05ng/ul m> SJ 2/8/18

response 26567

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	8.65#
80.00	5.90	9.79#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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 ALS Vial : 28 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	84021	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	329010	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	220900	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	521399	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	660322	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	638983	20.00	ng/ul	0.00

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System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	283	0.13	ng/uL	0.02
5) Phenol-d5	6.79	99	1278	0.20	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	6.94	67	1843	0.47	ng/ul	0.02
9) 2-Chlorophenol-d4	7.12	132	3457	0.66	ng/ul	0.02
13) 4-Methylphenol-d8	8.32	113	2389m)	0.48	ng/ul	0.03
19) Nitrobenzene-d5	8.76	128	1617	0.63	ng/ul	0.04
22) 2-Nitrophenol-d4	9.46	143	1143	0.42	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.02	165	2762m)	0.53	ng/ul	0.05
29) 4-Chloroaniline-d4	10.52	131	817	0.18	ng/ul	0.02
43) Dimethylphthalate-d6	13.65	166	17549	0.96	ng/ul	0.01
46) Acenaphthylene-d8	13.91	160	19785	0.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	303	0.10	ng/ul	-0.16
57) Fluorene-d10	15.22	176	15948	1.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	537	0.17	ng/ul	0.04
70) Anthracene-d10	17.07	188	26567m)	1.05	ng/ul	0.00
76) Pyrene-d10	19.38	212	30467	0.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	27906	0.95	ng/ul	0.00

} 52 218118

} 52 218118

Target Compounds

					Ovalue
28) Naphthalene	10.39	128	1122533	68.580	ng/ul 99
34) 2-Methylnaphthalene	12.01	142	559624	45.858	ng/ul 92
40) 1,1'-Biphenyl	13.05	154	139338	7.578	ng/ul 97
49) Acenaphthene	14.29	153	472030	32.085	ng/ul 97
53) Dibenzofuran	14.63	168	531707	24.024	ng/ul 98
58) Fluorene	15.28	166	411133	22.678	ng/ul 96
68) Pentachlorophenol	16.65	266	13326	3.783	ng/ul 89
69) Phenanthrene	17.02	178	2230196	76.950	ng/ul 99
71) Anthracene	17.11	178	376297	12.588	ng/ul 96
72) Carbazole	17.39	167	88742	3.596	ng/ul 98
74) Fluoranthene	19.04	202	1298790	37.542	ng/ul# 97
77) Pyrene	19.41	202	852263	21.231	ng/ul# 98
80) Benzo(a)anthracene	21.16	228	181051	4.538	ng/ul 99
82) Chrysene	21.22	228	139846	3.821	ng/ul 97
85) Benzo(b)fluoranthene	22.72	252	85726	2.185	ng/ul# 95

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