

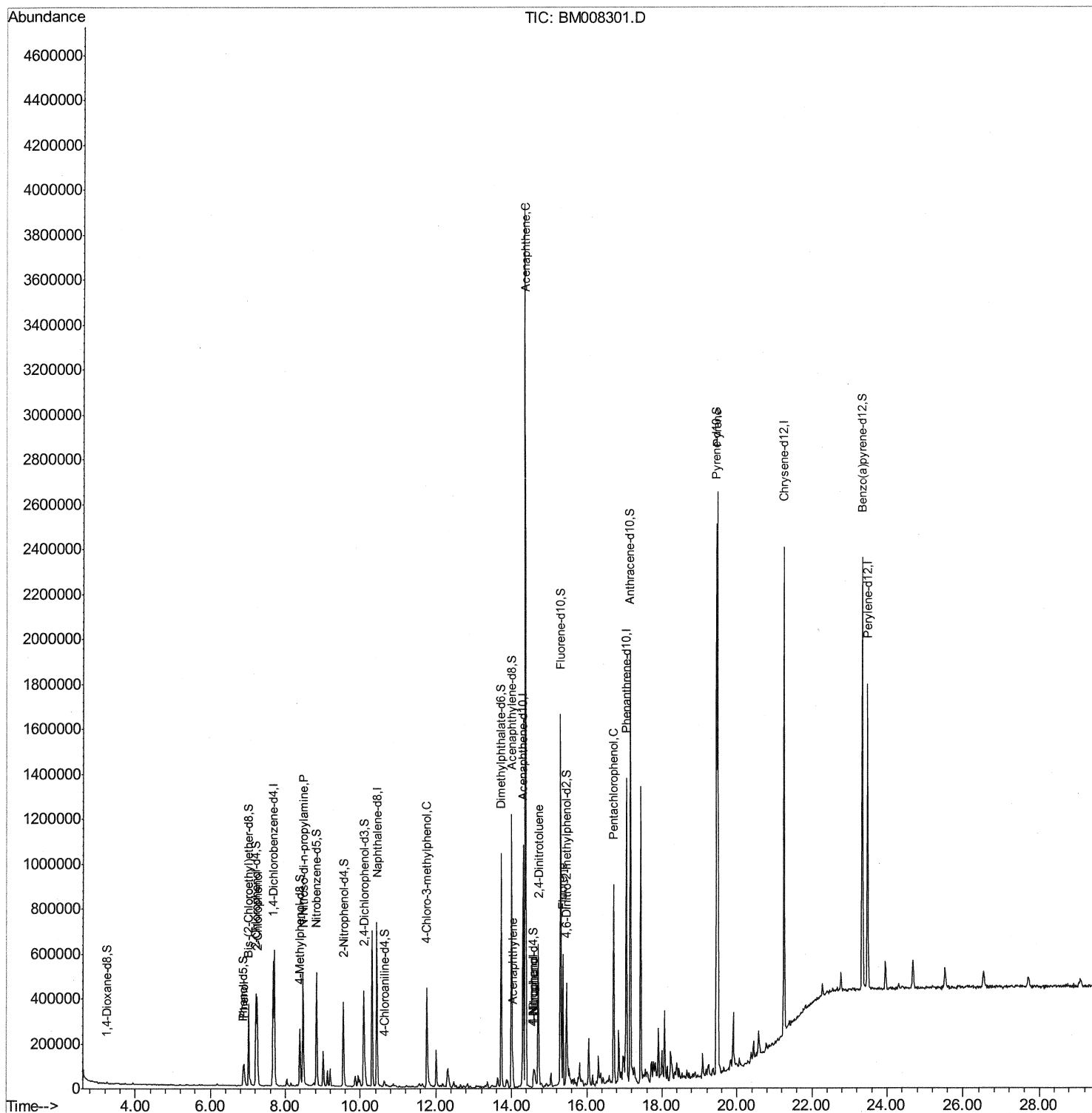
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121416\
 Data File : BM008301.D
 Acq On : 14 Dec 2016 09:00
 Operator : UM/SJ
 Sample : H5976-07MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8POMS

Manual Integrations
 APPROVED

Sohil
 12/14/2016 6:58:05 PM

Quant Time: Dec 14 11:04:35 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 14 05:32:31 2016
 Response via : Initial Calibration



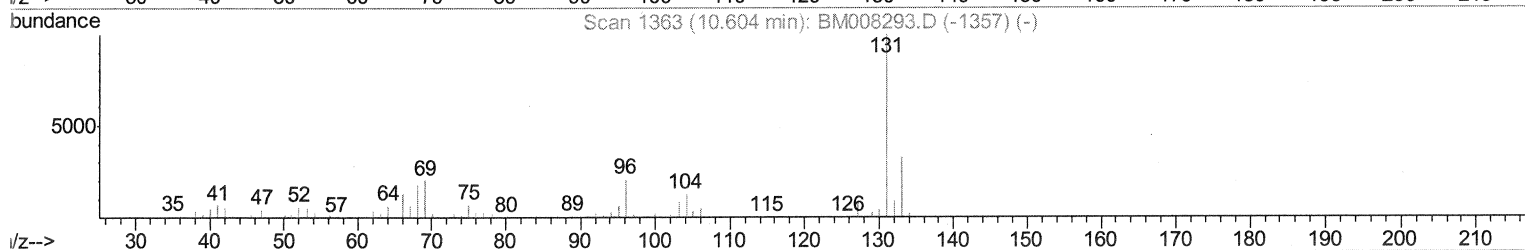
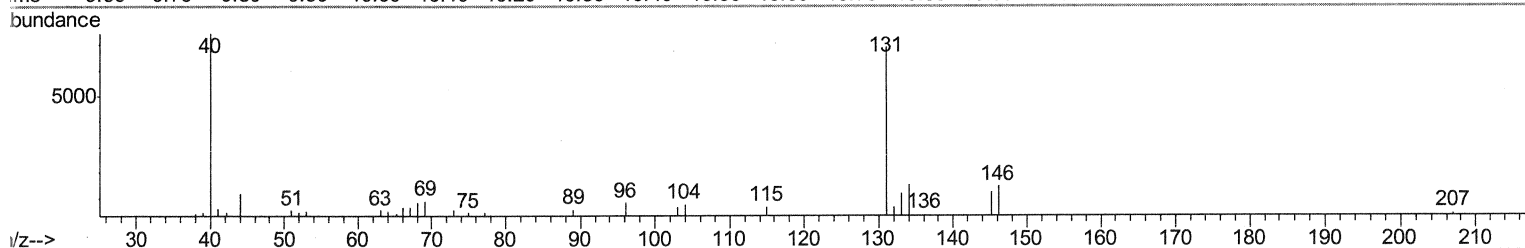
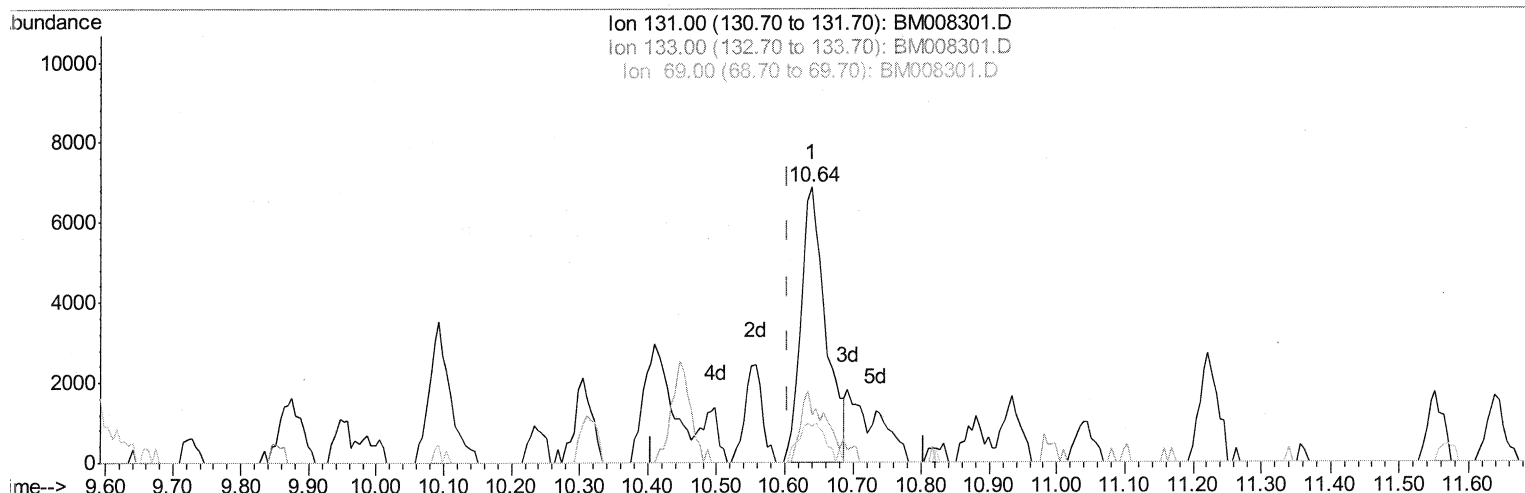
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TIC: BM008301.D

(29) 4-Chloroaniline-d4 (S)

10.639min (+0.035) 1.85ng/ul

response 17505

Ion	Exp%	Act%
131.00	100	100
133.00	34.20	17.47#
69.00	21.70	13.07#
0.00	0.00	0.00

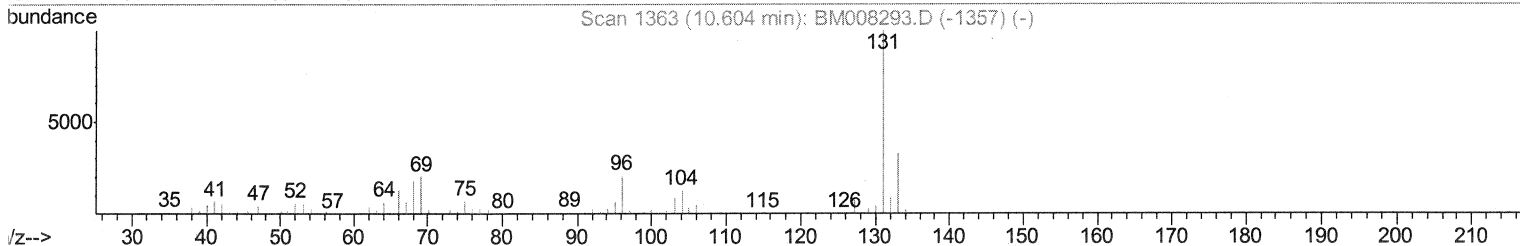
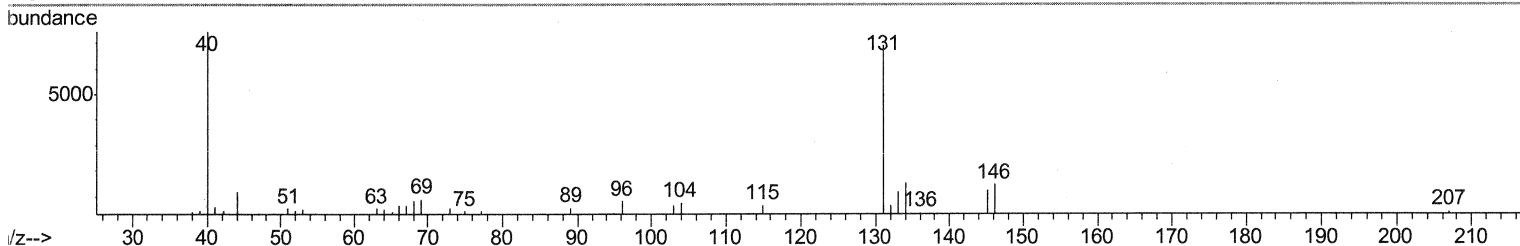
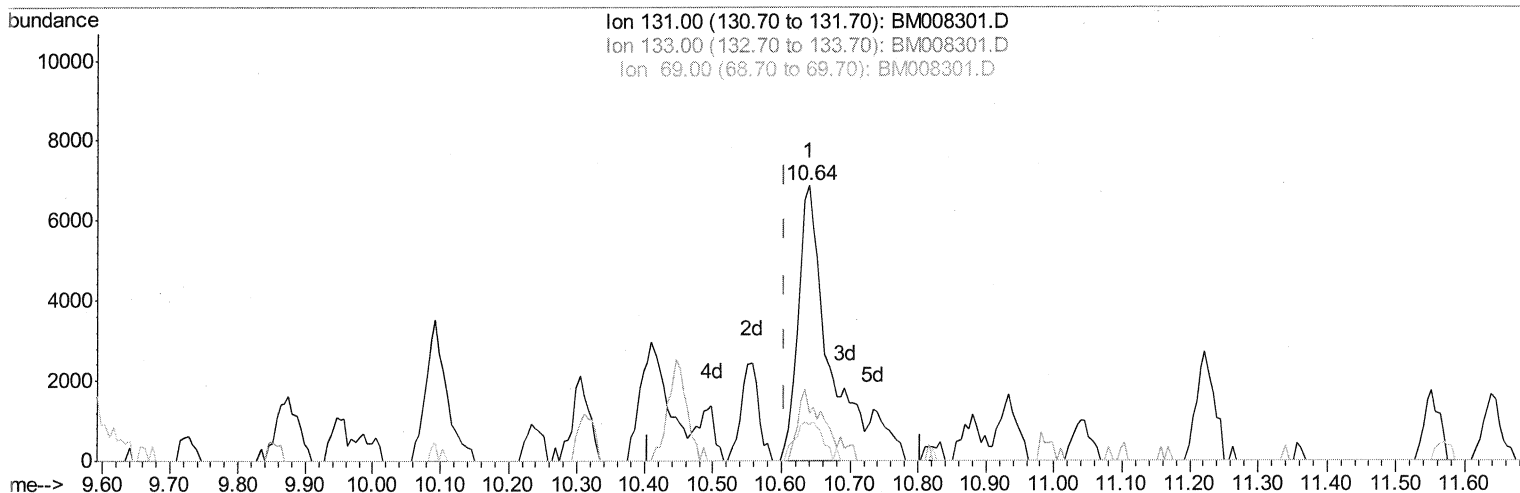
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 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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Sohil
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TIC: BM008301.D

(29) 4-Chloroaniline-d4 (S)

10.639min (+0.035) 2.43ng/ul m

SJ 12/14/16

response 22998

Ion	Exp%	Act%
131.00	100	100
133.00	34.20	17.47#
69.00	21.70	13.07#
0.00	0.00	0.00

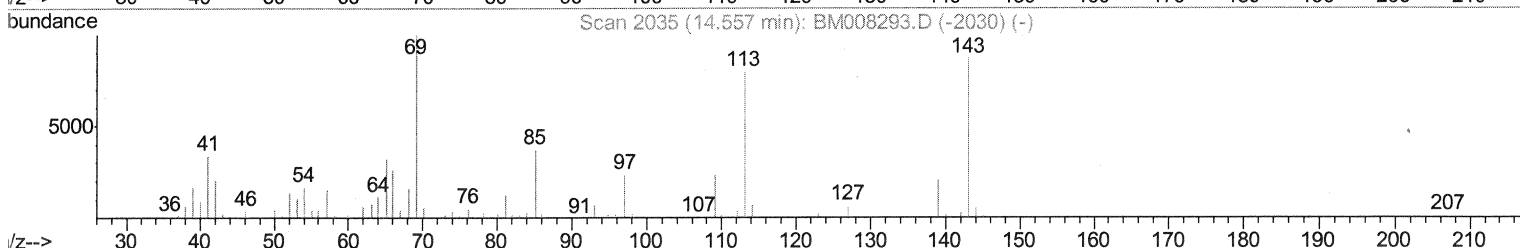
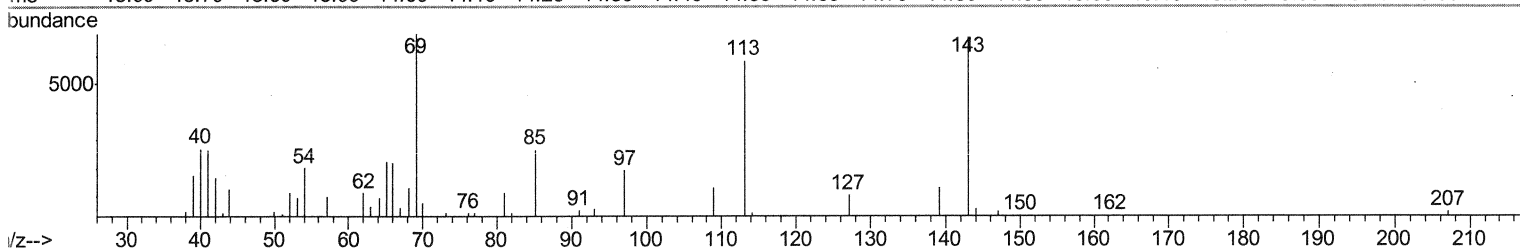
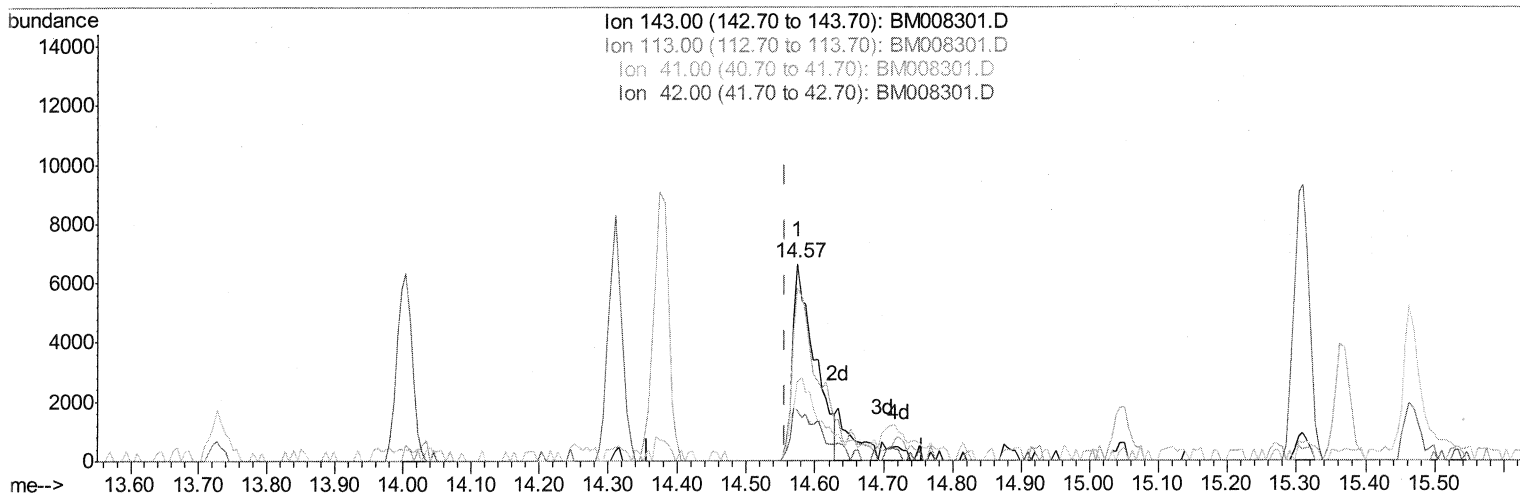
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121416\
Data File : BM008301.D
Acq On : 14 Dec 2016 09:00
Operator : UM/SJ
Sample : H5976-07MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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TIC: BM008301.D

(51) 4-Nitrophenol-d4 (S)

14.574min (+0.018) 4.23ng/ul

response 15173

Ion	Exp%	Act%
143.00	100	100
113.00	101.20	87.73
41.00	39.40	39.91
42.00	27.40	25.29

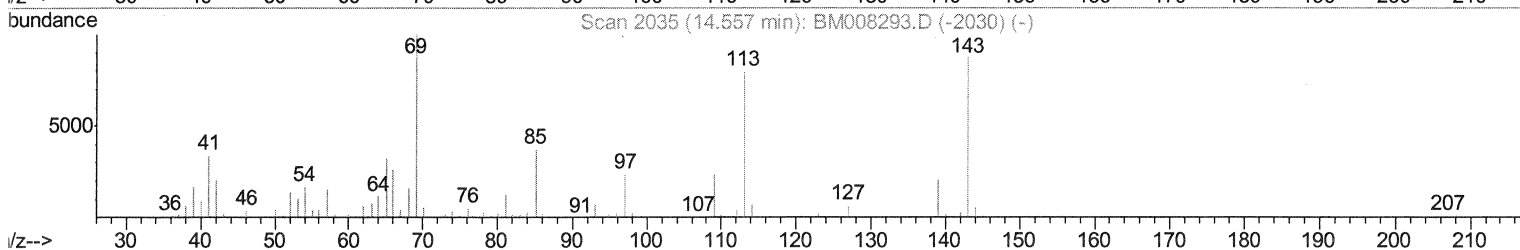
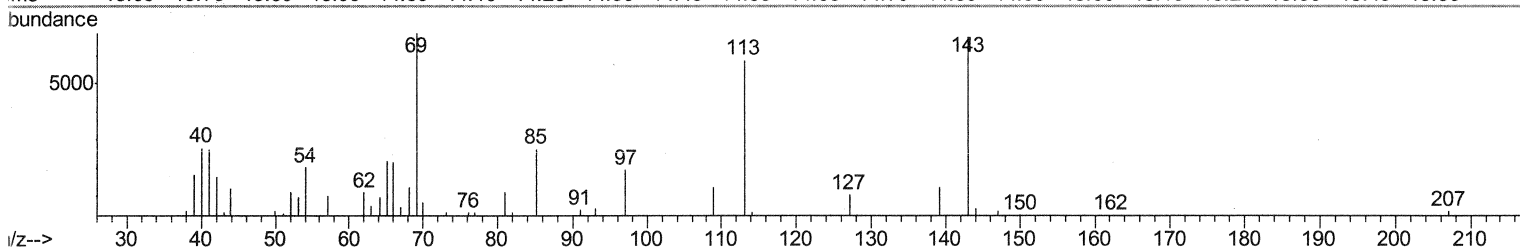
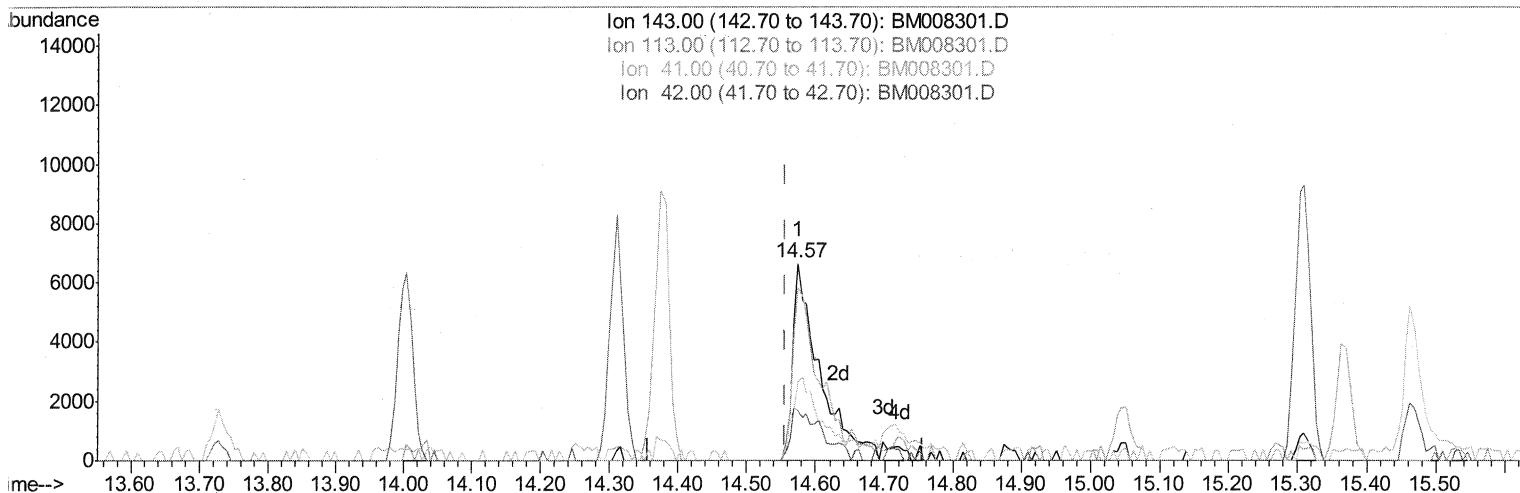
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121416\
Data File : BM008301.D
Acq On : 14 Dec 2016 09:00
Operator : UM/SJ
Sample : H5976-07MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8POMS

Manual Integrations
APPROVED

Sohil
12/14/2016 6:58:05 PM

Quant Time: Dec 14 11:02:50 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 14 05:32:31 2016
Response via : Initial Calibration



TIC: BM008301.D

(51) 4-Nitrophenol-d4 (S)

14.574min (+0.018) 5.05ng/ul m SJ 12/14/16

response 18130

Ion	Exp%	Act%
143.00	100	100
113.00	101.20	87.73
41.00	39.40	39.91
42.00	27.40	25.29

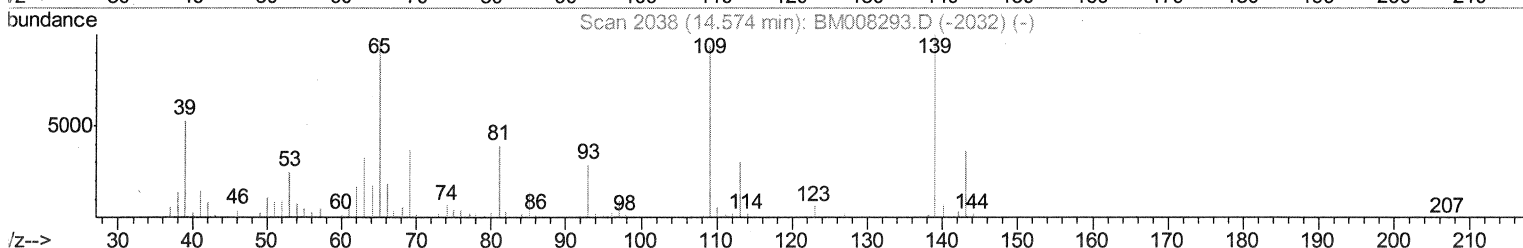
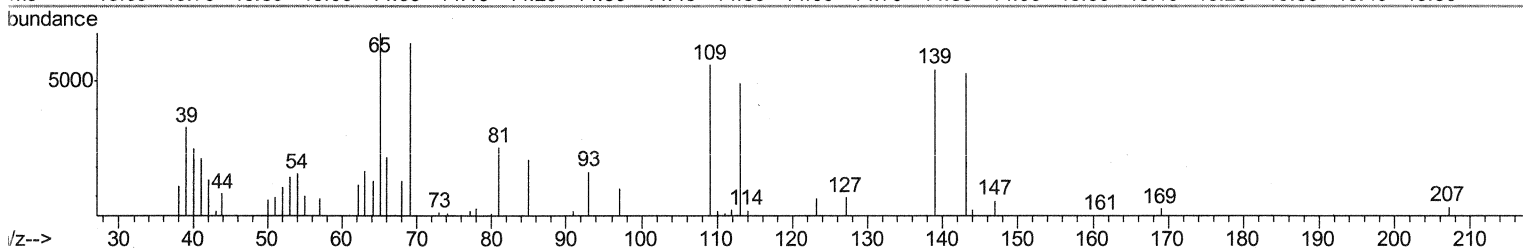
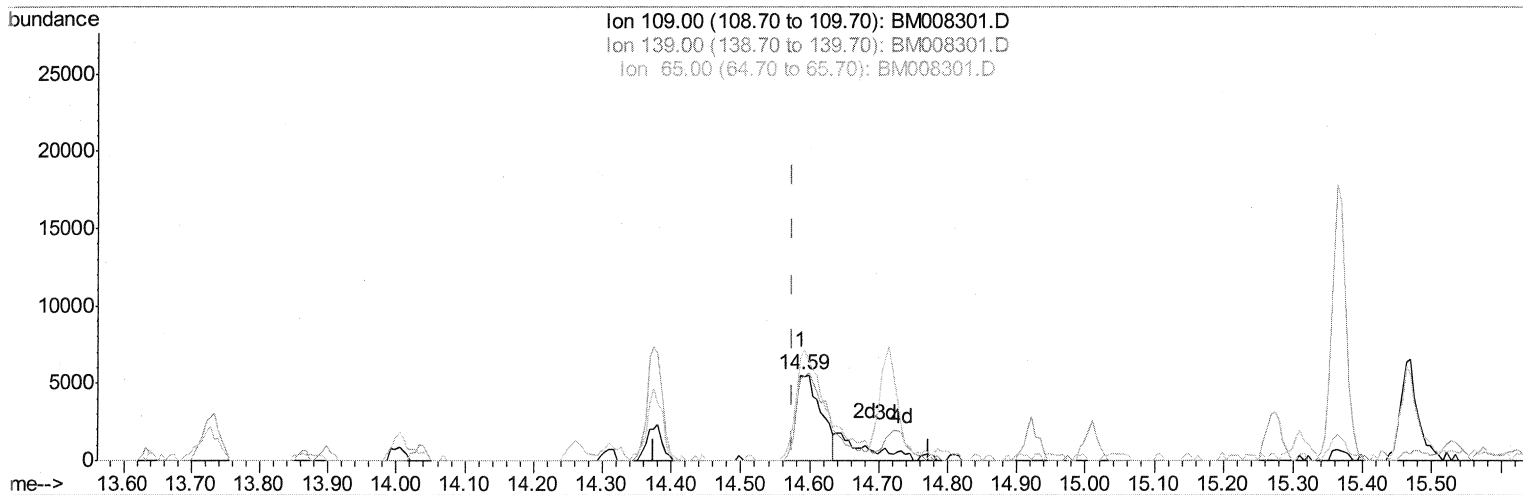
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 Data File : BM008301.D
 Acq On : 14 Dec 2016 09:00
 Operator : UM/SJ
 Sample : H5976-07MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8POMS

Manual Integrations
 APPROVED

Sohil
 12/14/2016 6:58:05 PM

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TIC: BM008301.D

(52) 4-Nitrophenol

14.586min (+0.012) 4.10ng/ul

response 14133

Ion	Exp%	Act%
109.00	100	100
139.00	104.10	97.06
65.00	116.20	119.69
0.00	0.00	0.00

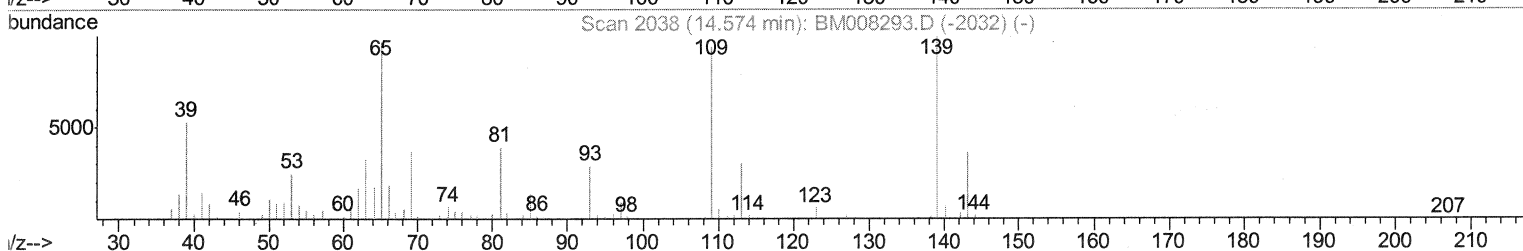
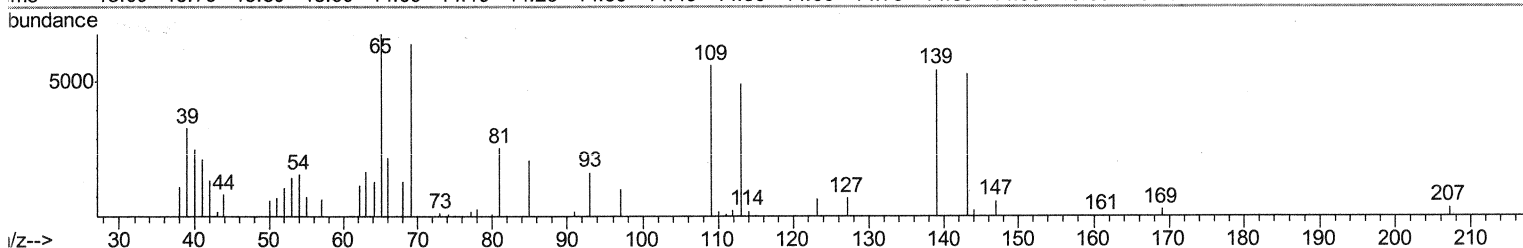
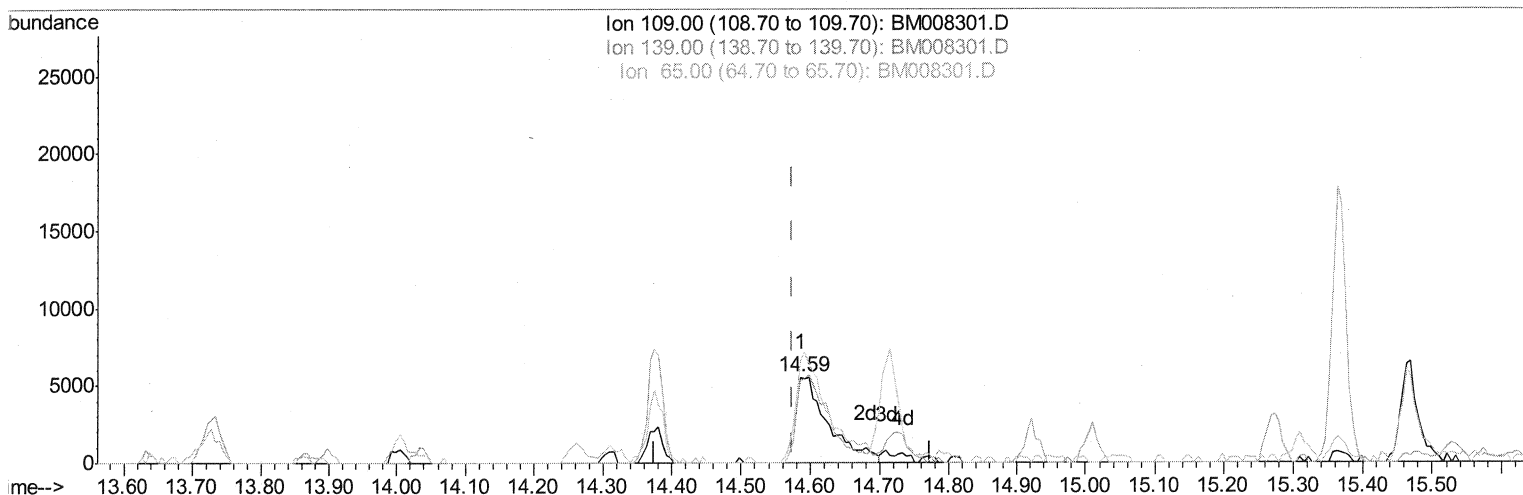
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121416\
 Data File : BM008301.D
 Acq On : 14 Dec 2016 09:00
 Operator : UM/SJ
 Sample : H5976-07MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8POMS

Manual Integrations
 APPROVED

Sohil
 12/14/2016 6:58:05 PM

Quant Time: Dec 14 11:02:50 2016
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TIC: BM008301.D

(52) 4-Nitrophenol

14.586min (+0.012) 5.26ng/ul m

SJ 12/14/16

response 18120

Ion	Exp%	Act%
109.00	100	100
139.00	104.10	97.06
65.00	116.20	119.69
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121416\
 Data File : BM008301.D
 Acq On : 14 Dec 2016 09:00
 Operator : UM/SJ
 Sample : H5976-07MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8POMS

Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	144084	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	561681	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	366537	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	767544	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1005282	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1027703	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	3136	1.02	ng/uL	0.00
5) Phenol-d5	6.86	99	57416	5.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	165224	25.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	177204	21.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	108481	12.53	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	111635	27.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	120174	26.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	202919	24.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	22998m	2.43	ng/ul	0.04
43) Dimethylphthalate-d6	13.73	166	721764	29.62	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	835940	29.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	18130m	5.05	ng/ul	0.02
57) Fluorene-d10	15.31	176	622809	29.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	114736	25.11	ng/ul	0.00
70) Anthracene-d10	17.16	188	1026969	30.71	ng/ul	0.00
76) Pyrene-d10	19.46	212	1292980	33.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1374221	31.84	ng/ul	0.00

SJ 12/14/16
 SJ 12/14/16

Target Compounds

						Qvalue
6) Phenol	6.89	94	58111	5.01	ng/ul	98
10) 2-Chlorophenol	7.25	128	172891	20.35	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.47	70	192082	26.41	ng/ul	97
33) 4-Chloro-3-methylphenol	11.76	107	203303	22.62	ng/ul	100
47) Acenaphthylene	14.03	152	47620	1.63	ng/ul#	94
49) Acenaphthene	14.37	153	1562801	77.60	ng/ul	99
52) 4-Nitrophenol	14.59	109	18120m	5.26	ng/ul	
54) 2,4-Dinitrotoluene	14.72	165	191072	27.43	ng/ul#	72
58) Fluorene	15.36	166	249401	10.34	ng/ul	95
68) Pentachlorophenol	16.73	266	161357	31.24	ng/ul	96
77) Pyrene	19.49	202	1557601	31.56	ng/ul	99

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