

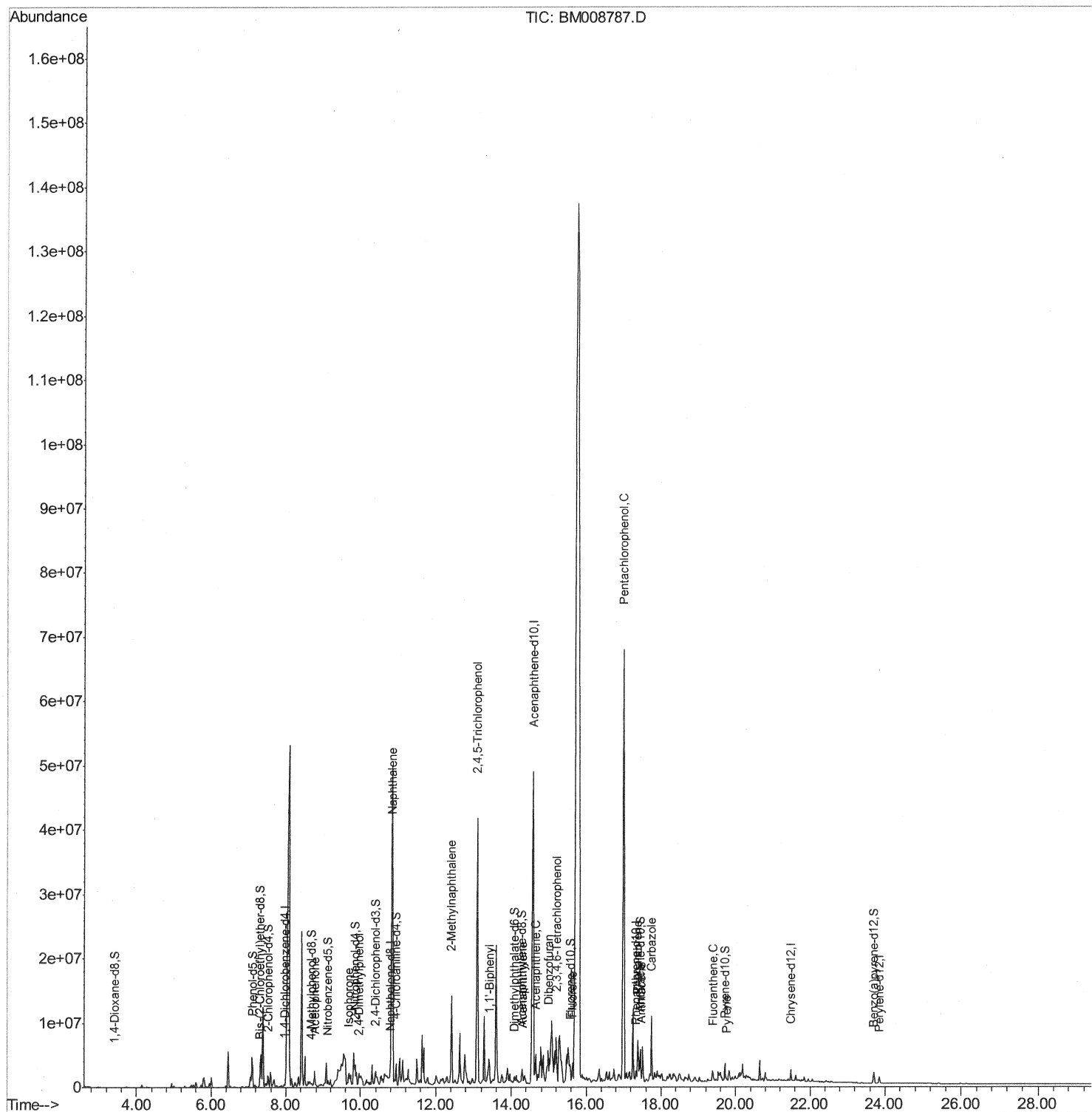
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
 Data File : BM008787.D
 Acq On : 22 Jan 2017 01:01
 Operator : UM/SJ
 Sample : I1323-22
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA9R7

Manual Integrations
 APPROVED

mohammad
 1/23/2017 2:49:06 PM

Quant Time: Jan 23 10:39:33 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 23 04:58:16 2017
 Response via : Initial Calibration



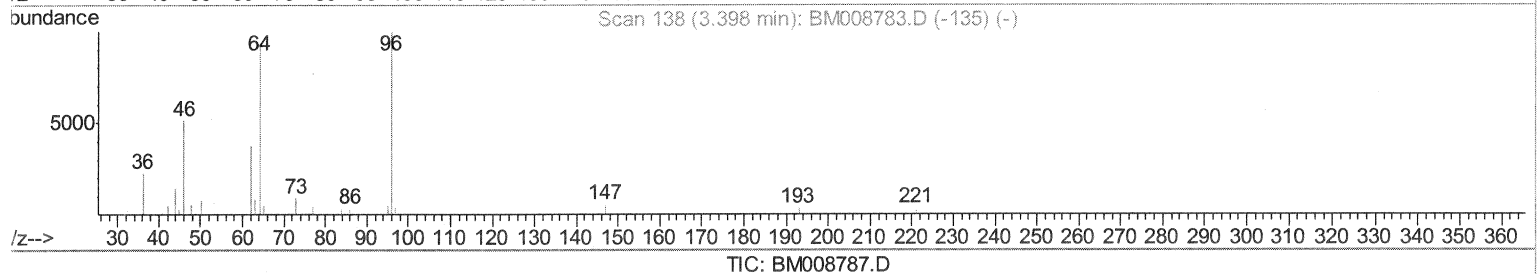
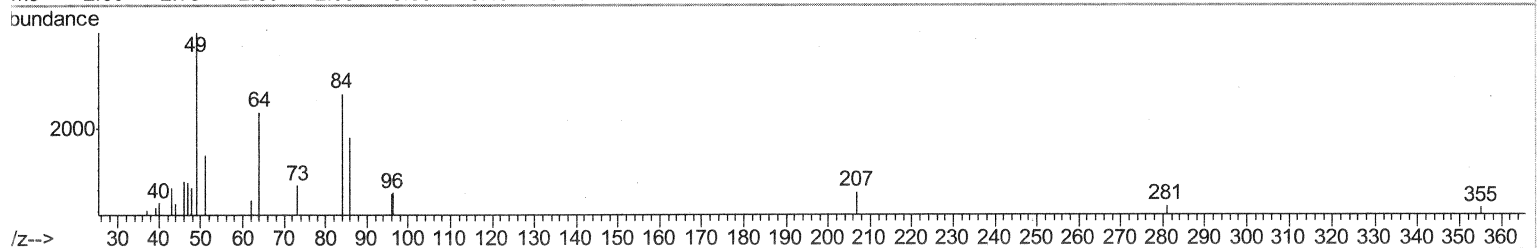
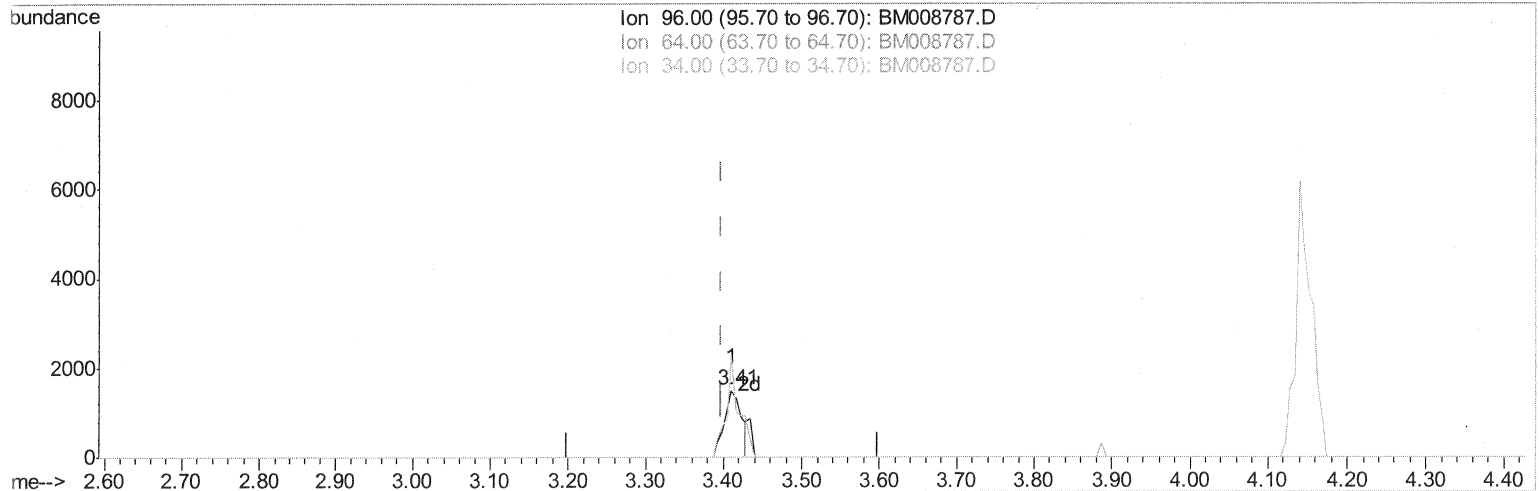
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(3) 1,4-Dioxane-d8 (S)

3.410min (+0.012) 1.13ng/uL

response 2318

Ion	Exp%	Act%
96.00	100	100
64.00	73.10	94.26#
34.00	0.00	0.00
0.00	0.00	0.00

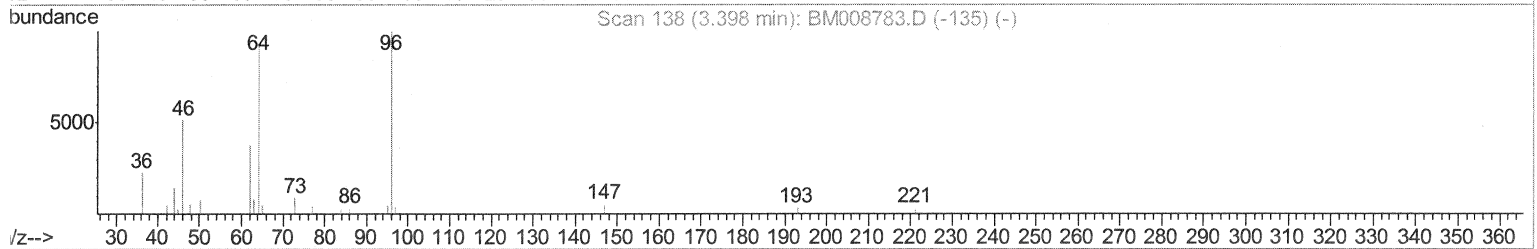
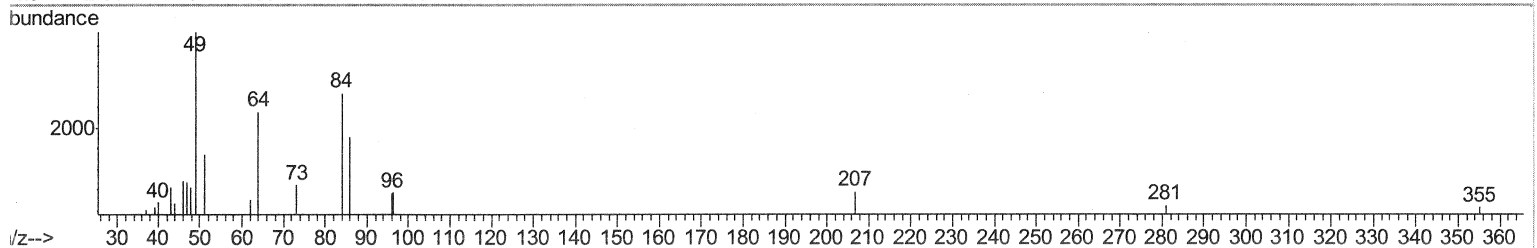
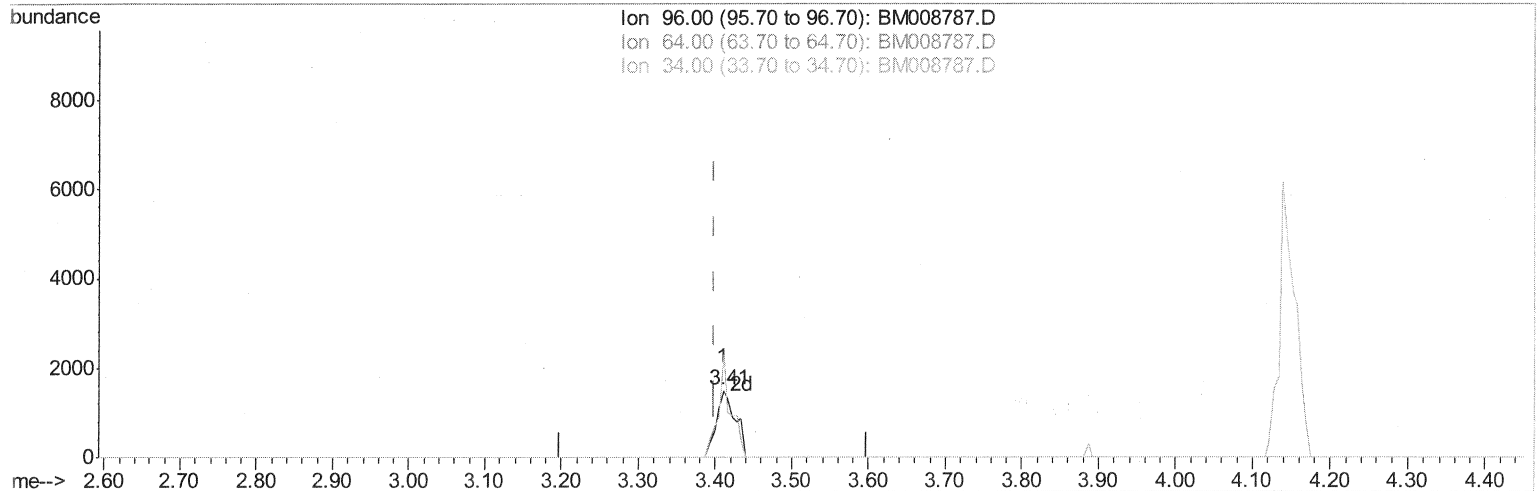
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TIC: BM008787.D

(3) 1,4-Dioxane-d8 (S)

3.410min (+0.012) 1.28ng/uL m

52 1/27/17

response 2626

Ion	Exp%	Act%
96.00	100	100
64.00	73.10	83.21
34.00	0.00	0.00
0.00	0.00	0.00

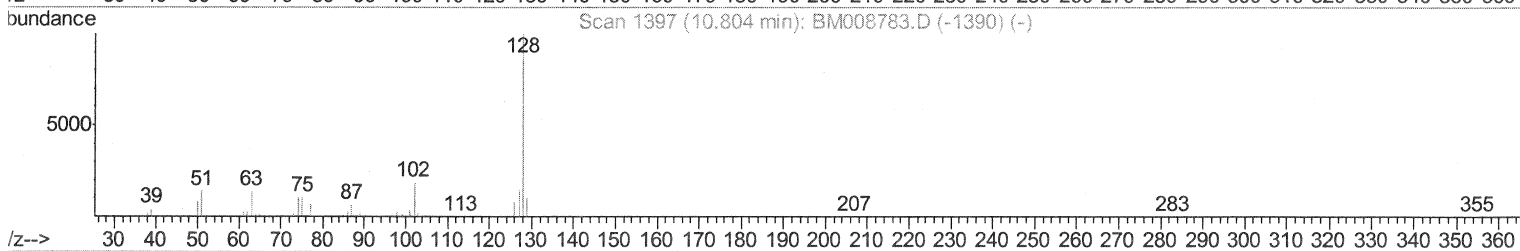
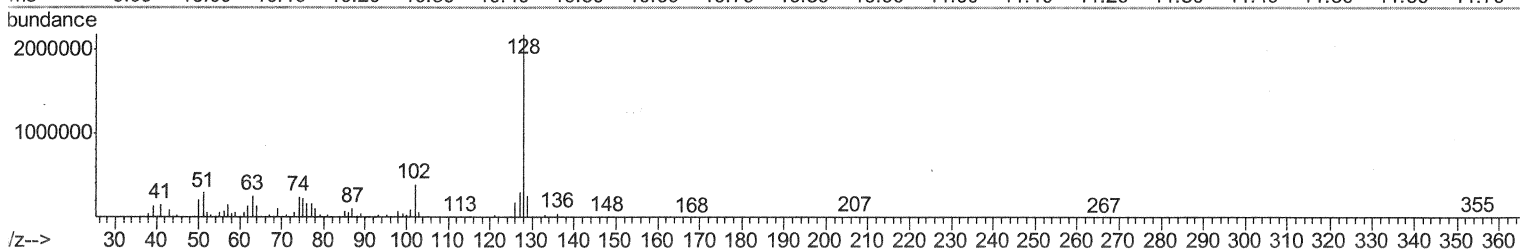
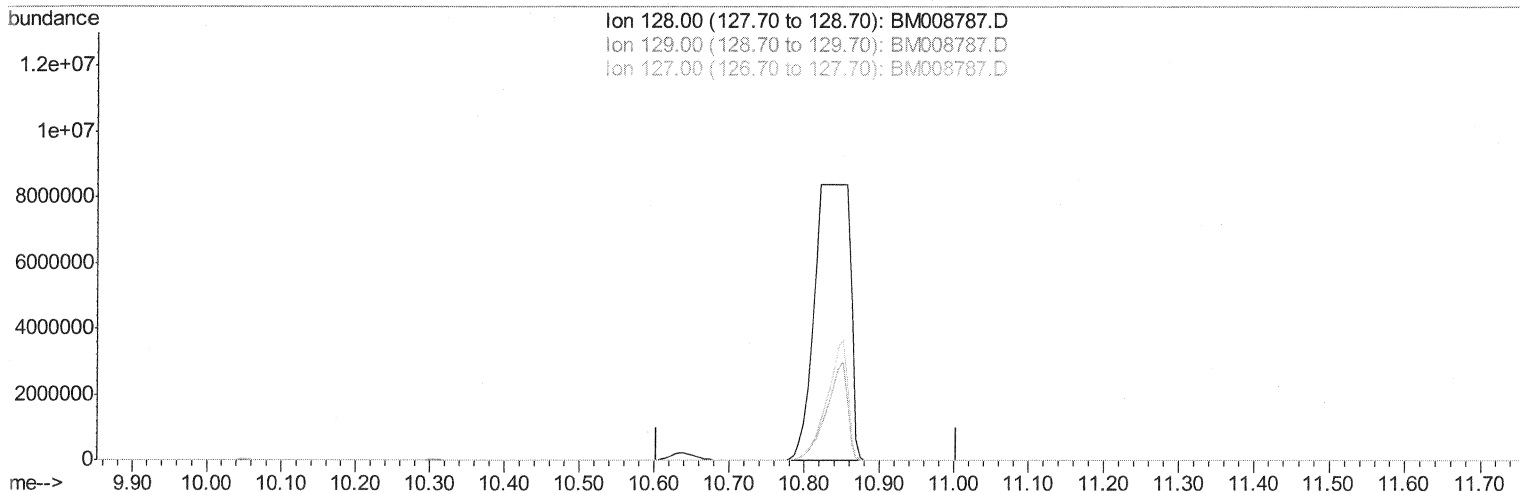
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TIC: BM008787.D

(28) Naphthalene

10.804min (-10.804) 0.00ng/ul

response 0

Ion	Exp%	Act%
128.00	100	0.00
129.00	10.40	0.00#
127.00	13.30	0.00#
0.00	0.00	0.00

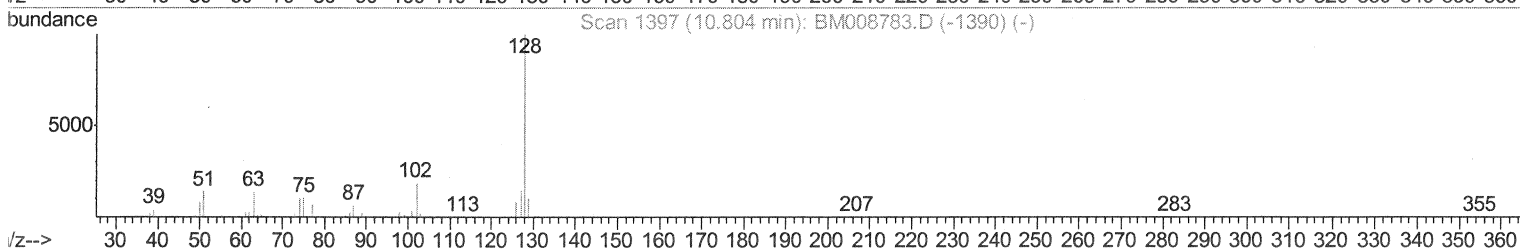
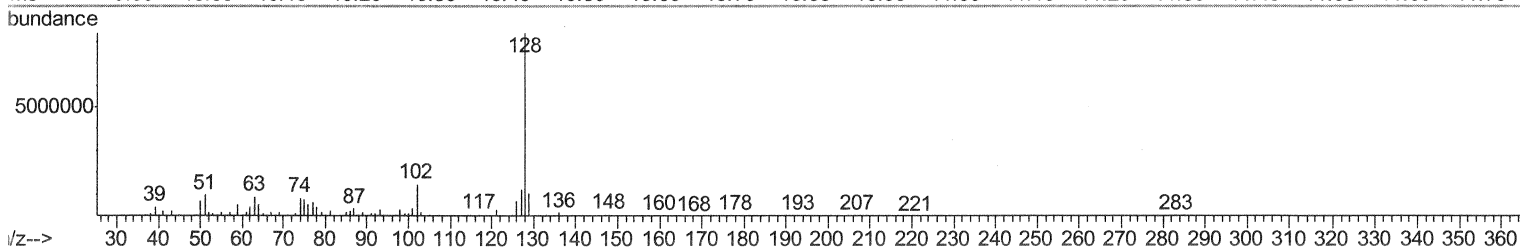
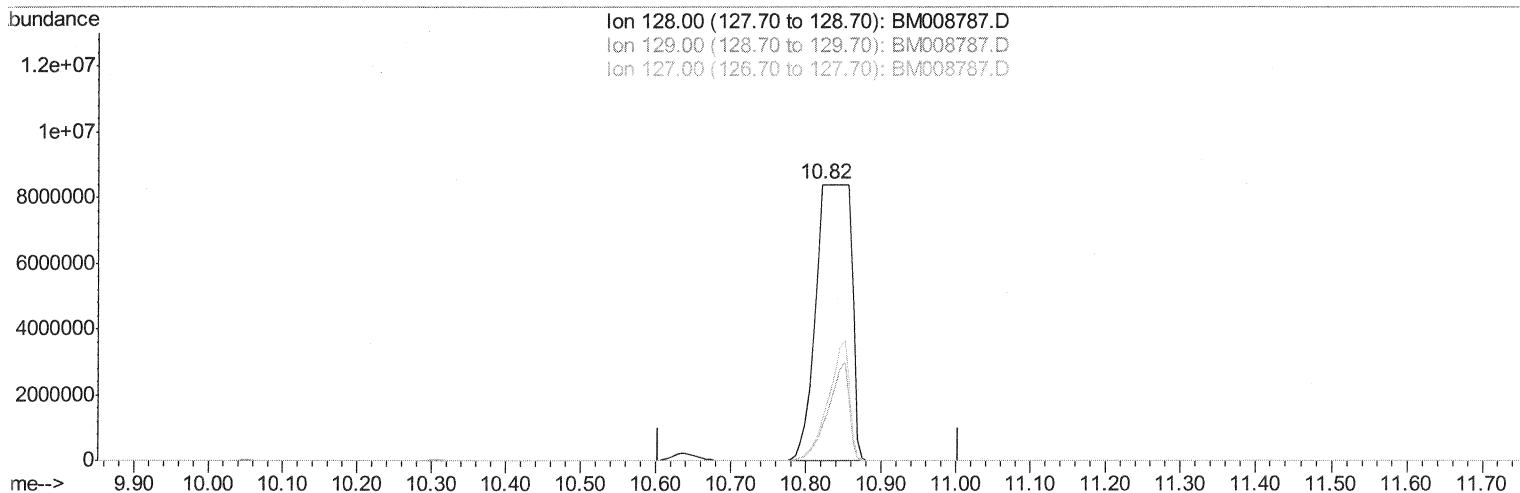
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TIC: BM008787.D

(28) Naphthalene

10.822min (+0.018) 1443.44ng/ul m 52 1/27/17

response 27554633

Ion	Exp%	Act%
128.00	100	100
129.00	10.40	12.40
127.00	13.30	14.72
0.00	0.00	0.00

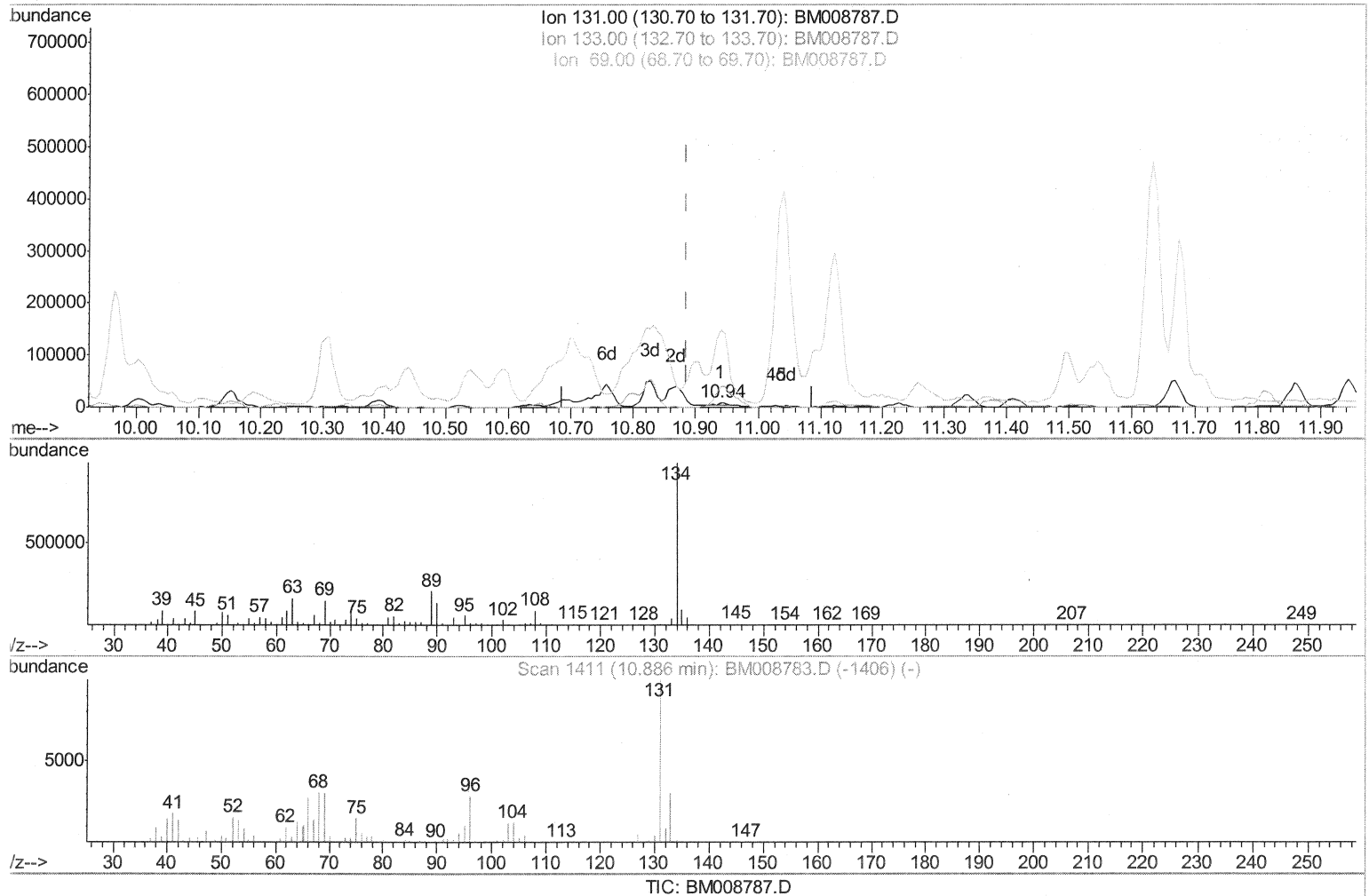
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Operator : UM/SJ
Sample : I1323-22
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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(29) 4-Chloroaniline-d4 (S)

10.939min (+0.053) 0.63ng/ul

response 4531

Ion	Exp%	Act%
131.00	100	100
133.00	33.10	438.69#
69.00	19.70	1649.71#
0.00	0.00	0.00

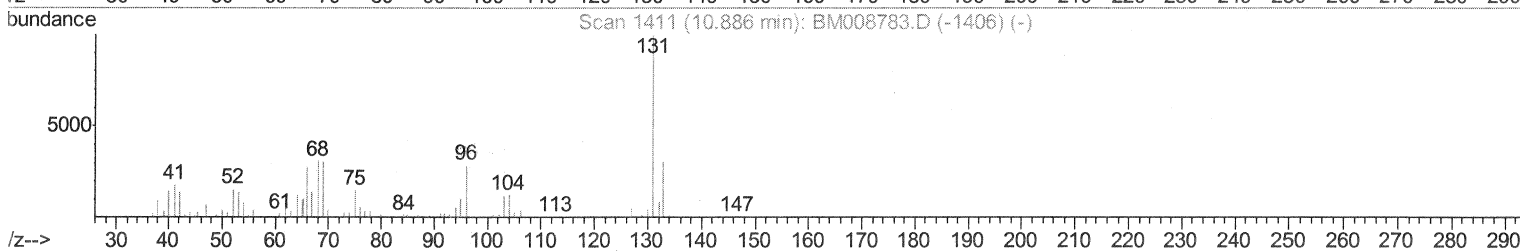
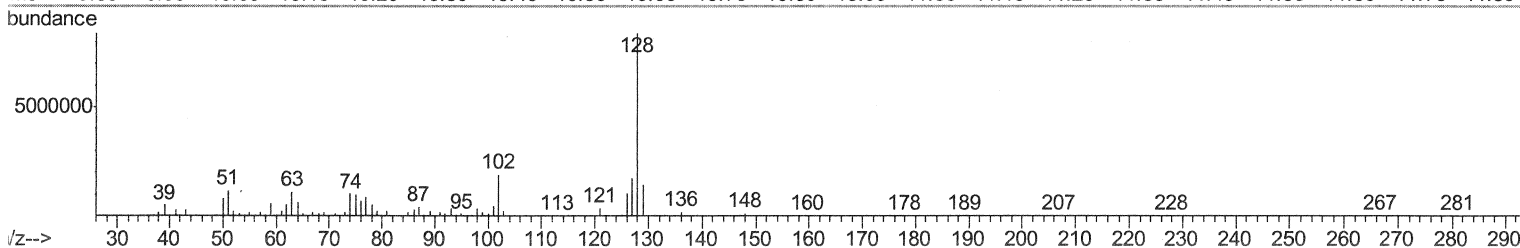
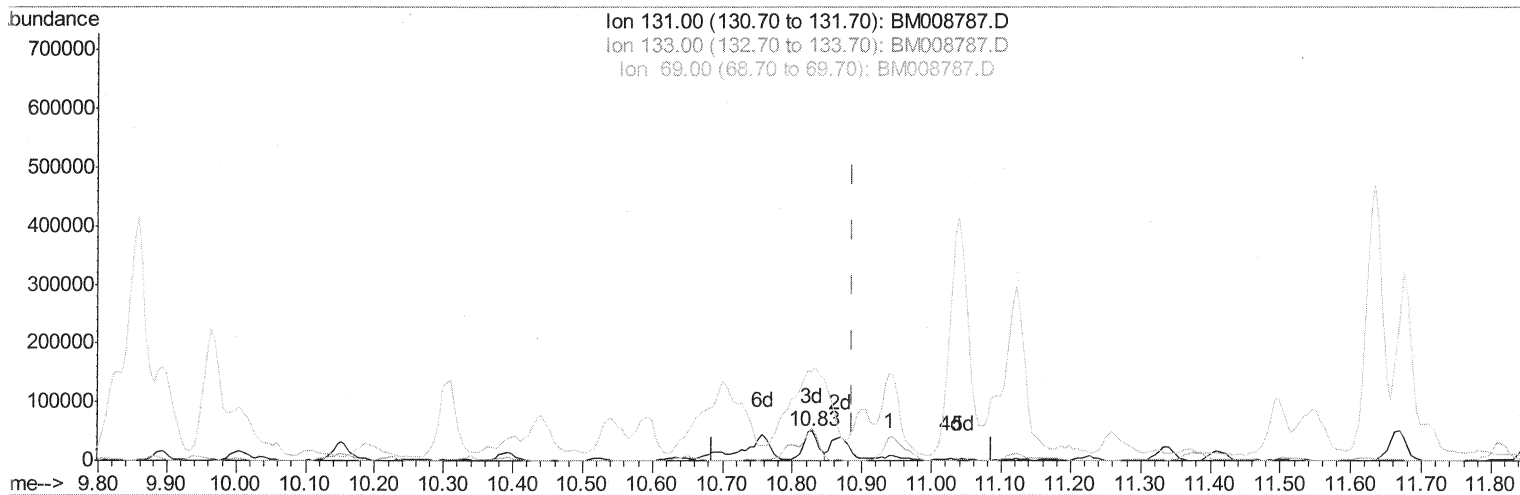
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008787.D
Acq On : 22 Jan 2017 01:01
Operator : UM/SJ
Sample : I1323-22
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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Quant Time: Jan 23 05:02:53 2017
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TIC: BM008787.D

(29) 4-Chloroaniline-d4 (S)

10.827min (-0.059) 10.31ng/ul m

SJ 1/22/17

response 73672

Ion	Exp%	Act%
131.00	100	100
133.00	33.10	109.19#
69.00	19.70	298.82#
0.00	0.00	0.00

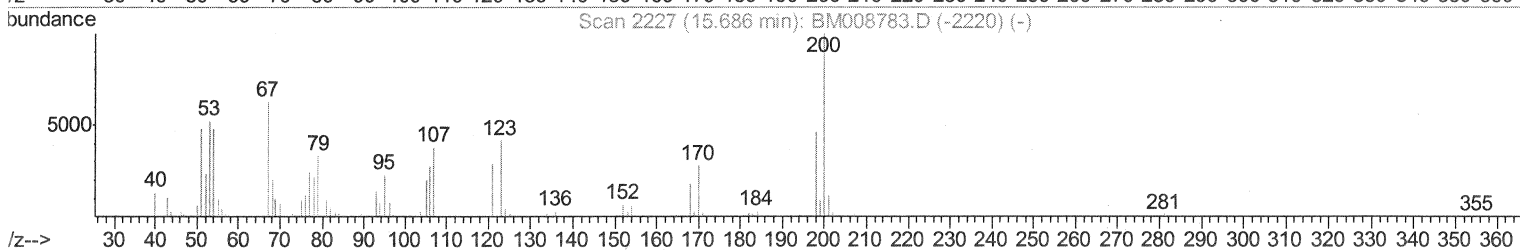
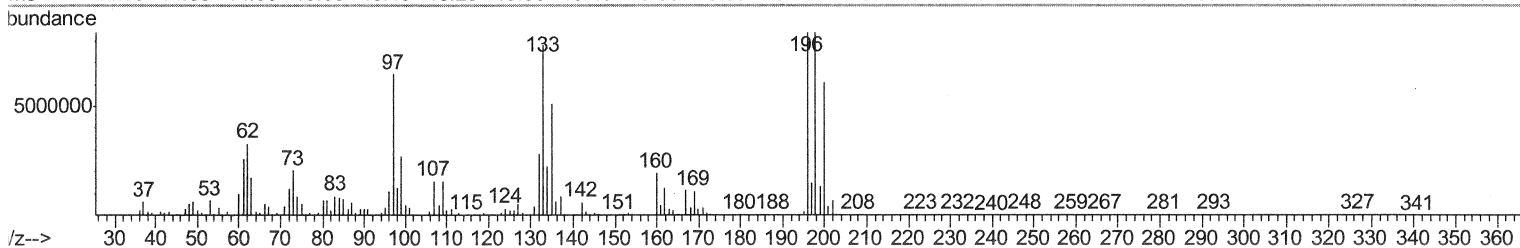
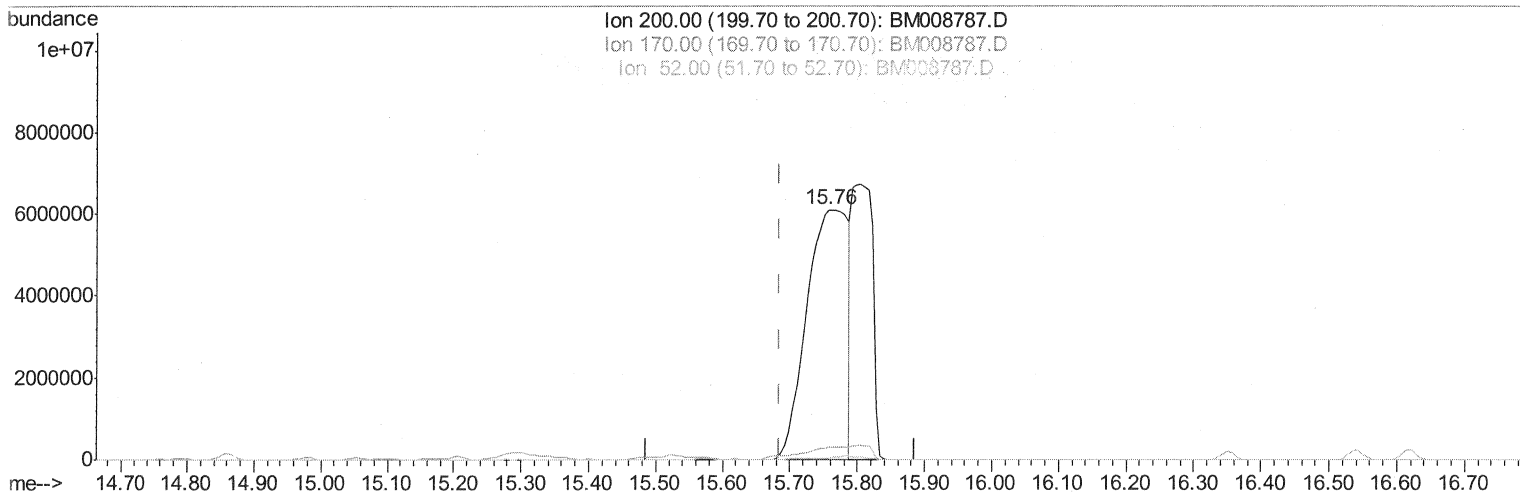
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
 Data File : BM008787.D
 Acq On : 22 Jan 2017 01:01
 Operator : UM/SJ
 Sample : I1323-22
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA9R7

Manual Integrations
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mohammad
 1/23/2017 2:49:06 PM

Quant Time: Jan 23 05:43:16 2017
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 Quant Title : SVOA CALIBRATION
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TIC: BM008787.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.757min (+0.071) 6644.32ng/ul

response 25311505

Ion	Exp%	Act%
200.00	100	100
170.00	21.80	4.90#
52.00	36.60	0.75#
0.00	0.00	0.00

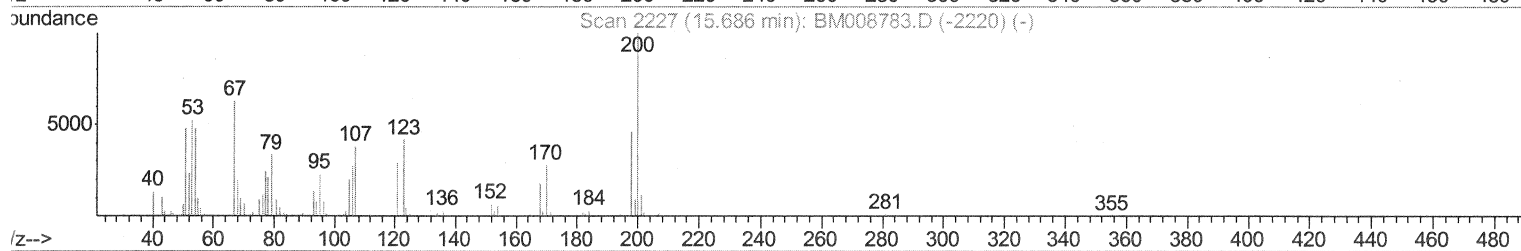
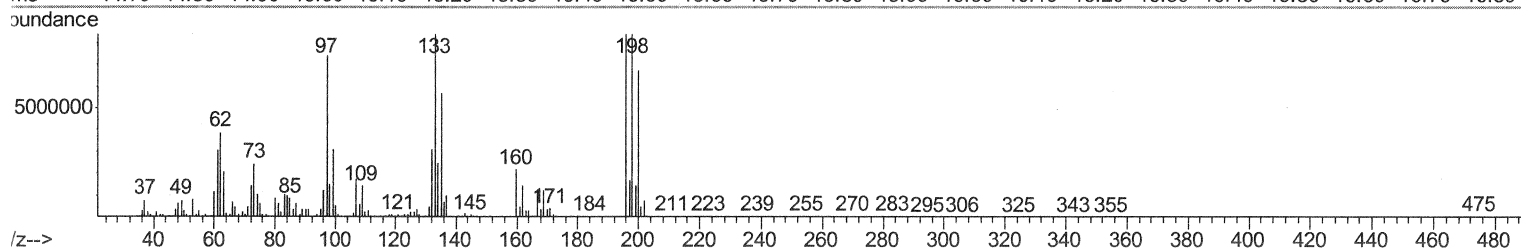
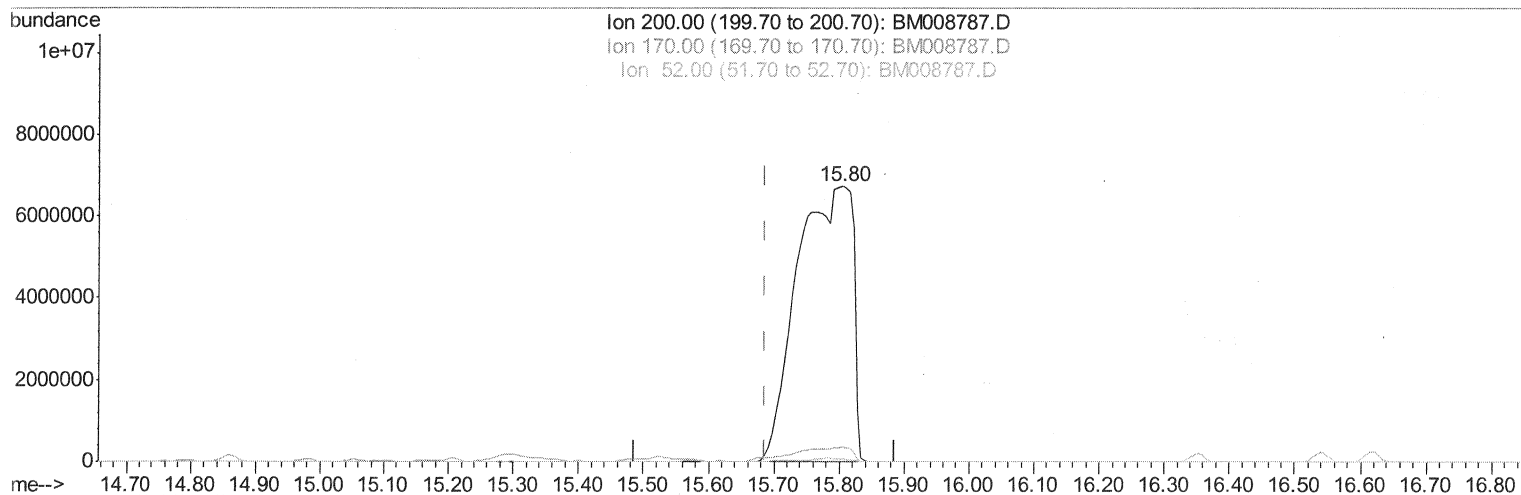
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008787.D
Acq On : 22 Jan 2017 01:01
Operator : UM/SJ
Sample : I1323-22
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA9R7

Manual Integrations
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1/23/2017 2:49:06 PM

Quant Time: Jan 23 05:43:16 2017
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TIC: BM008787.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.804min (+0.118) 10399.27ng/ul m

52 1/22/17

response 39615964

Ion	Exp%	Act%
200.00	100	100
170.00	21.80	5.35#
52.00	36.60	0.75#
0.00	0.00	0.00

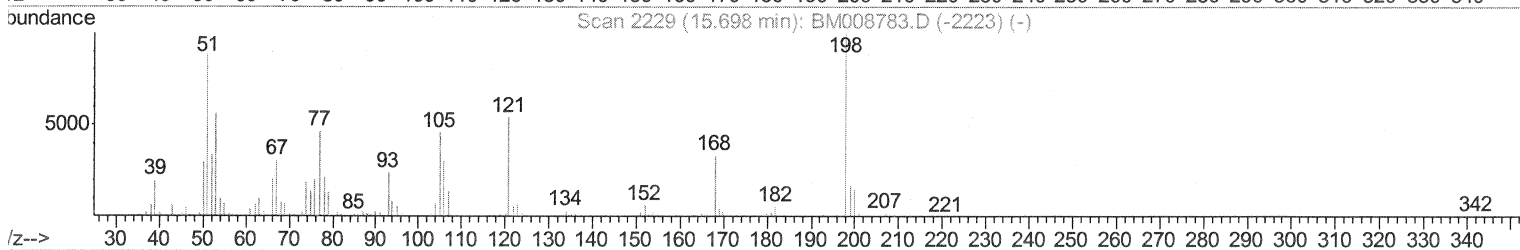
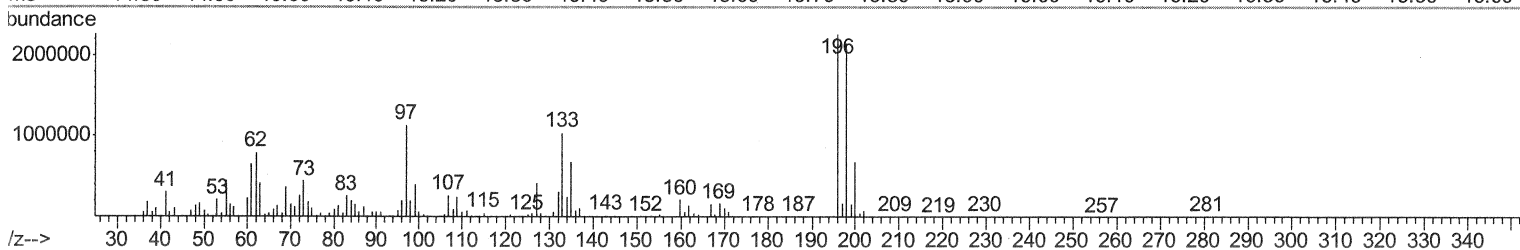
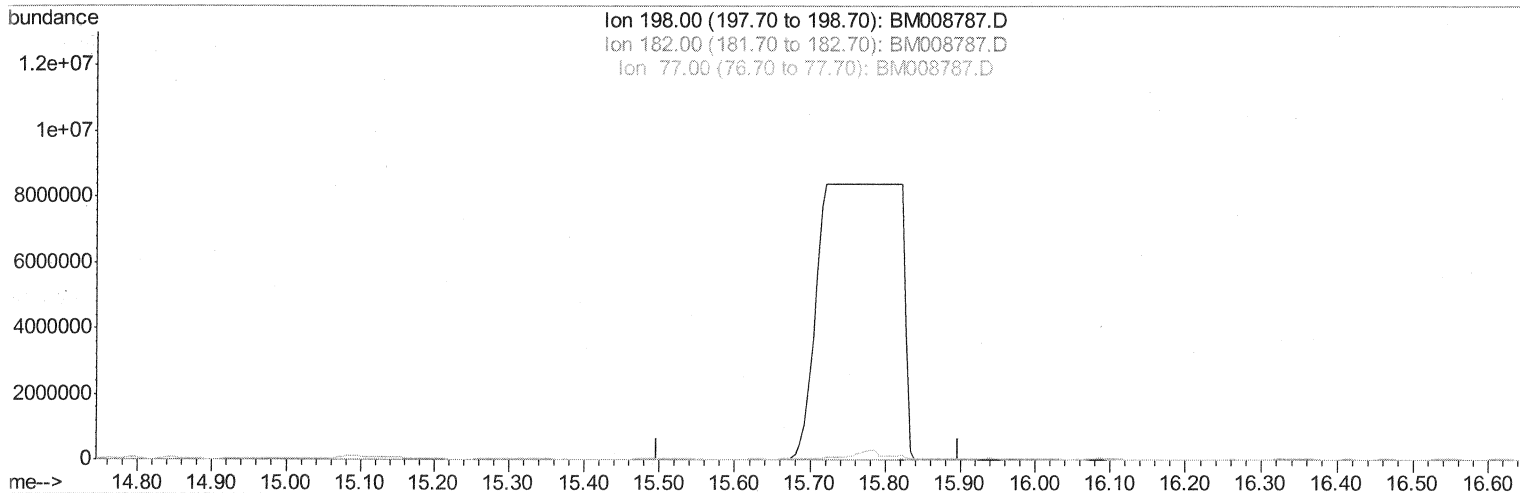
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 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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TIC: BM008787.D

(63) 4,6-Dinitro-2-methylphenol

15.698min (-15.698) 0.00ng/ul

response 0

Ion	Exp%	Act%
198.00	100	0.00
182.00	5.50	0.00#
77.00	25.60	0.00#
0.00	0.00	0.00

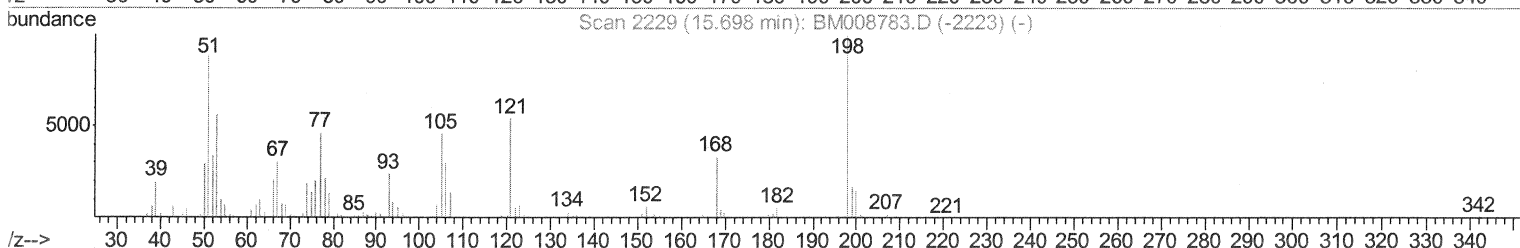
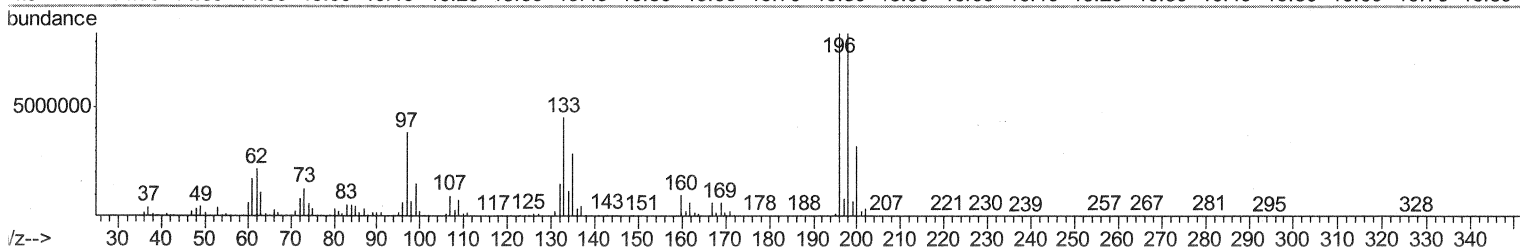
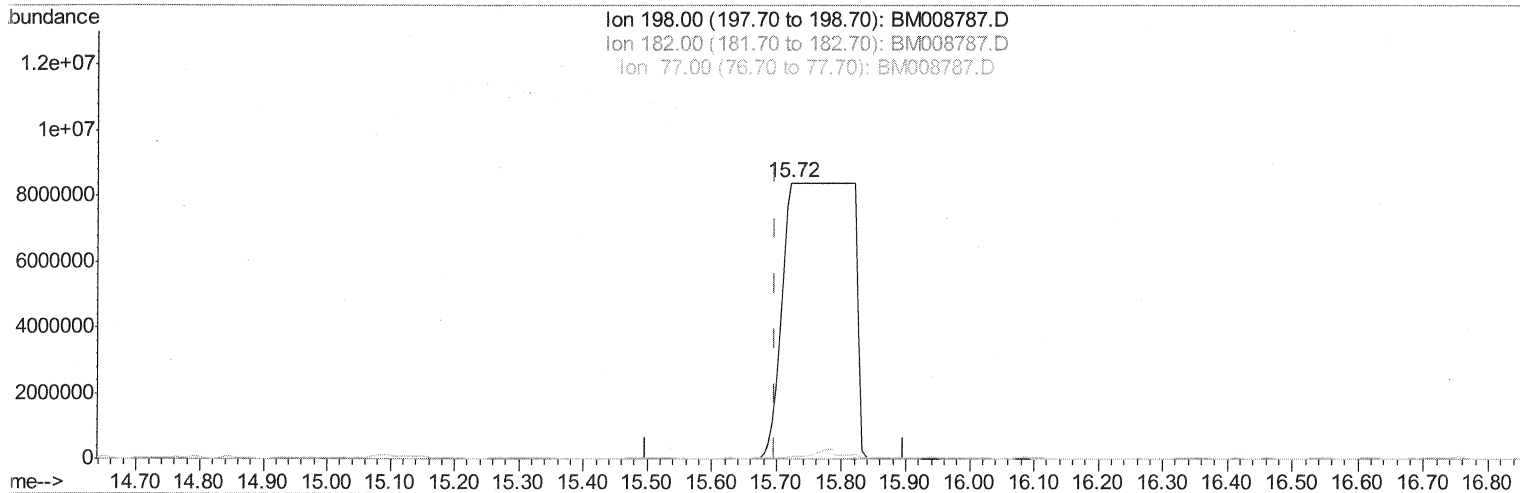
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TIC: BM008787.D

(63) 4,6-Dinitro-2-methylphenol

15.721min (+0.024) 15417.35ng/ul m 52112117

response 62110399

Ion	Exp%	Act%
198.00	100	100
182.00	5.50	0.07#
77.00	25.60	0.77#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	94630	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	417714	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.59	164	528233	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.34	188	739057	20.00	ng/ul	0.02
75) Chrysene-d12	21.49	240	824518	20.00	ng/ul	0.00
83) Perylene-d12	23.85	264	748229	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	2626m)	1.28	ng/uL	0.01
5) Phenol-d5	7.09	99	25182	3.24	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.29	67	194458	36.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	134871	24.91	ng/ul	0.02
13) 4-Methylphenol-d8	8.67	113	99556	16.51	ng/ul	0.03
19) Nitrobenzene-d5	9.13	128	100706	39.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	120417	42.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	220728	34.22	ng/ul	0.02
29) 4-Chloroaniline-d4	10.94	131	19354m)	2.71	ng/ul	0.05
43) Dimethylphthalate-d6	14.09	166	833646	23.92	ng/ul	0.10
46) Acenaphthylene-d8	14.28	160	977340	23.78	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.57	176	732078	22.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.44	188	1208822	37.97	ng/ul	0.02
76) Pyrene-d10	19.72	212	1365777	37.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	1163624	38.13	ng/ul	0.00

SJ 1/23/17

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Target Compounds

						Qvalue
14) Acetophenone	8.79	105	63670	6.01	ng/ul#	60
21) Isophorone	9.70	82	979930	60.54	ng/ul#	90
24) 2,4-Dimethylphenol	9.94	107	101450	11.95	ng/ul#	81
28) Naphthalene	10.82	128	27554633m)	1443.44	ng/ul	
34) 2-Methylnaphthalene	12.42	142	4904890	331.44	ng/ul	99
39) 2,4,5-Trichlorophenol	13.11	196	10541546	1023.16	ng/ul	99
40) 1,1'-Biphenyl	13.42	154	710344	21.44	ng/ul	99
47) Acenaphthylene	14.31	152	123778	3.07	ng/ul#	67
49) Acenaphthene	14.65	153	1325797	47.56	ng/ul	96
53) Dibenzofuran	14.99	168	1983312	46.76	ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	15.21	232	1040867	106.87	ng/ul#	90
58) Fluorene	15.63	166	1047642	30.13	ng/ul	98
68) Pentachlorophenol	17.02	266	13758893	2552.07	ng/ul	97
69) Phenanthrene	17.39	178	2939074	82.62	ng/ul	97
71) Anthracene	17.47	178	235837	6.45	ng/ul	95
72) Carbazole	17.75	167	5544540	170.39	ng/ul	98
74) Fluoranthene	19.38	202	195542	4.27	ng/ul	98
77) Pyrene	19.74	202	77187	1.74	ng/ul#	95

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