

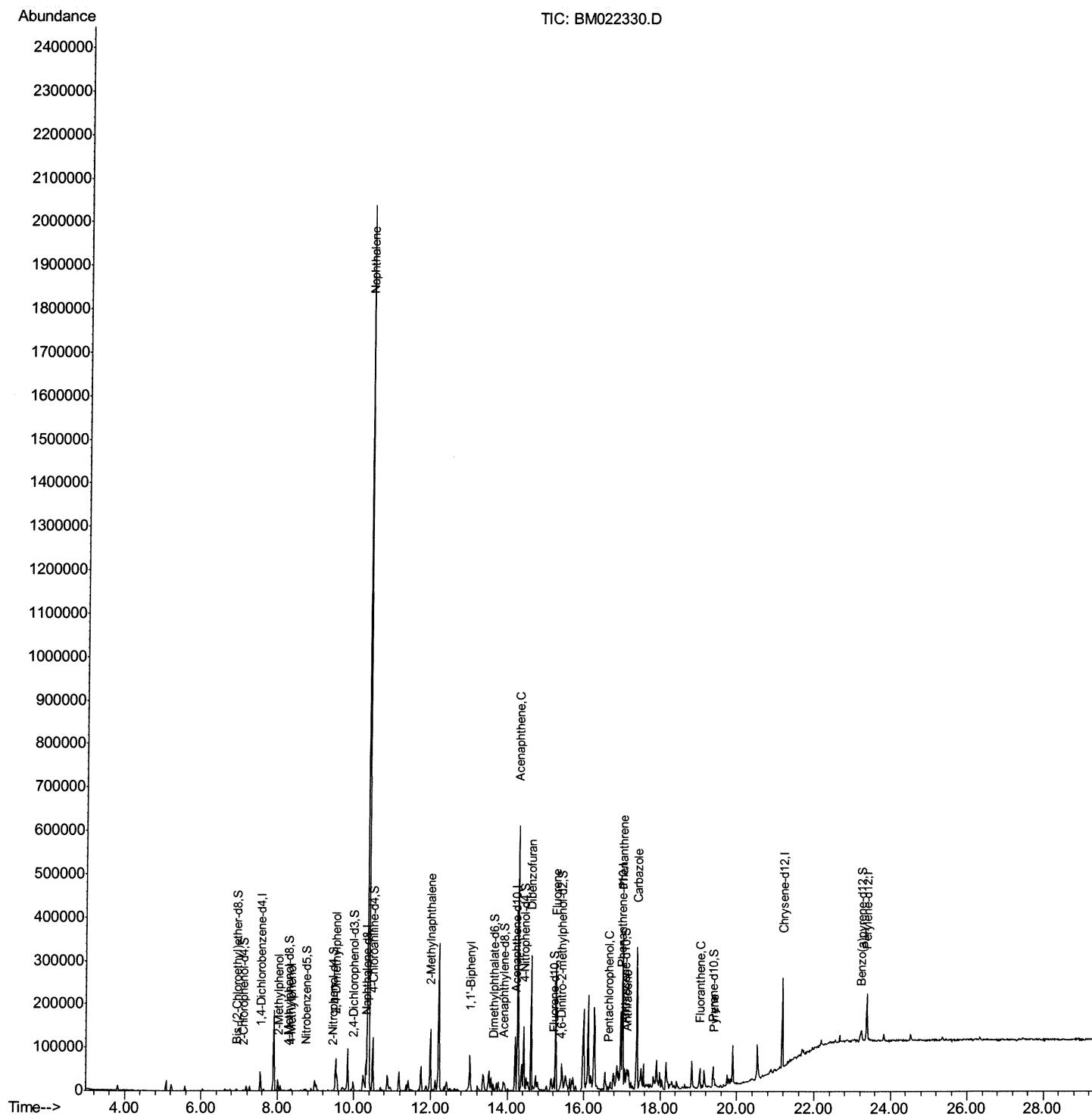
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022330.D
Acq On : 26 Aug 2019 14:43
Operator : HP/JU
Sample : K4373-11DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB2DL

Manual Integrations
APPROVED

mohammad
8/28/2019 9:59:49 AM

Quant Time: Aug 27 11:36:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 10:56:53 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

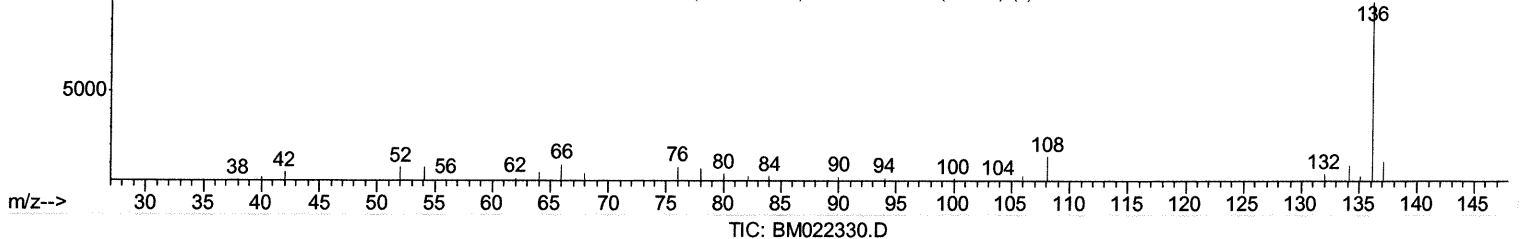
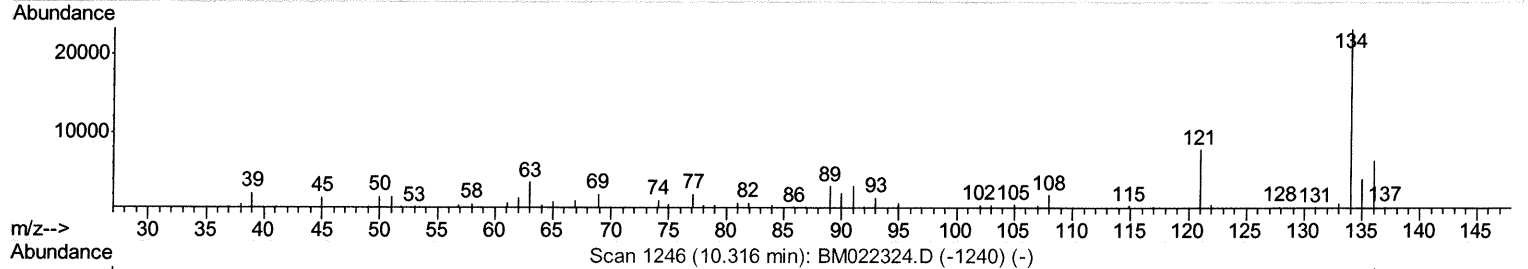
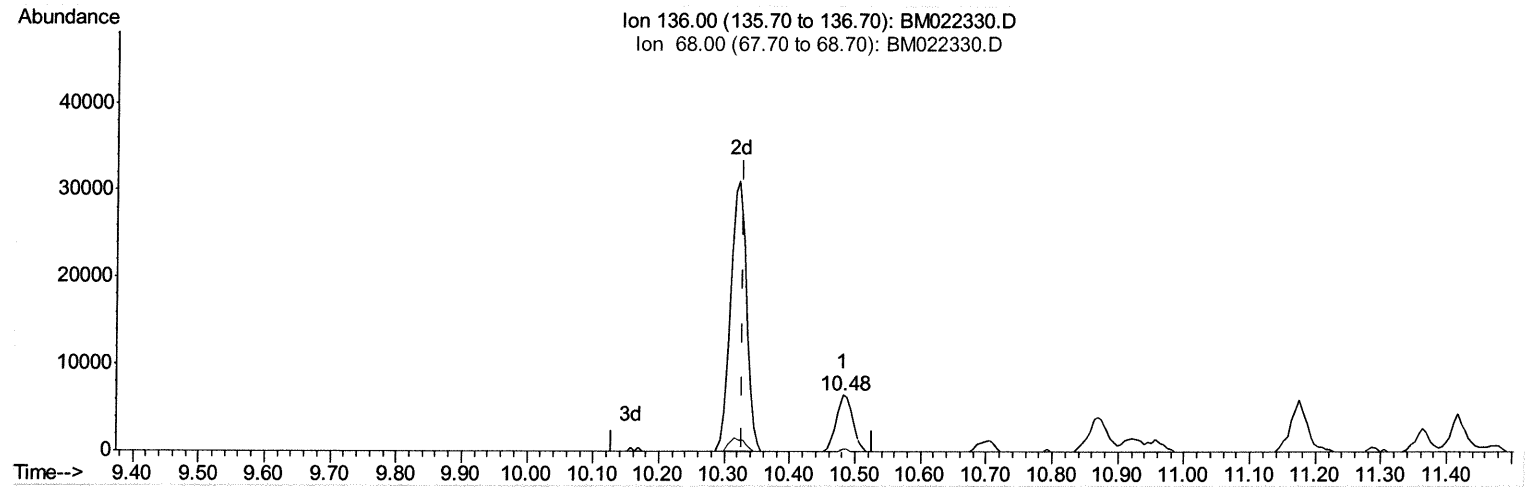
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Quant Time: Aug 27 11:00:07 2019
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(18) Naphthalene-d8 (I)

10.481min (+0.153) 20.00ng/ul

response 10820

Ion	Exp%	Act%
136.00	100	100
68.00	5.40	4.81
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

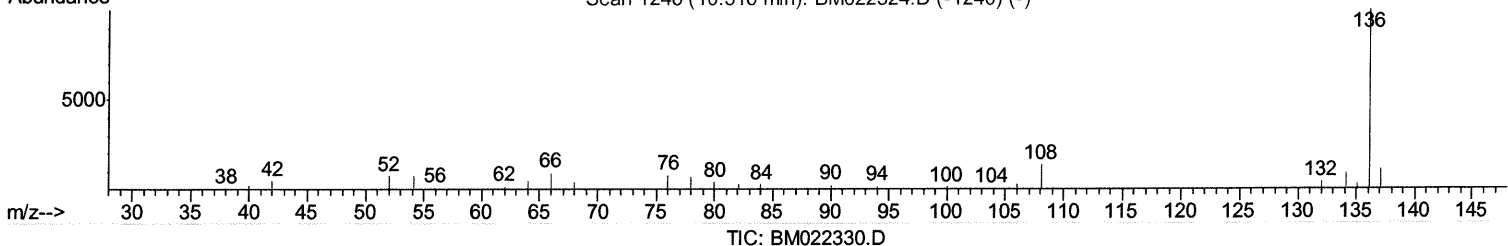
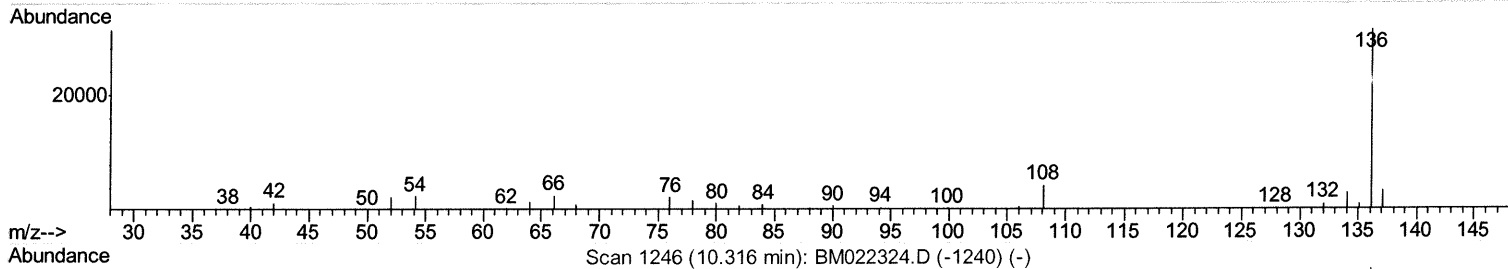
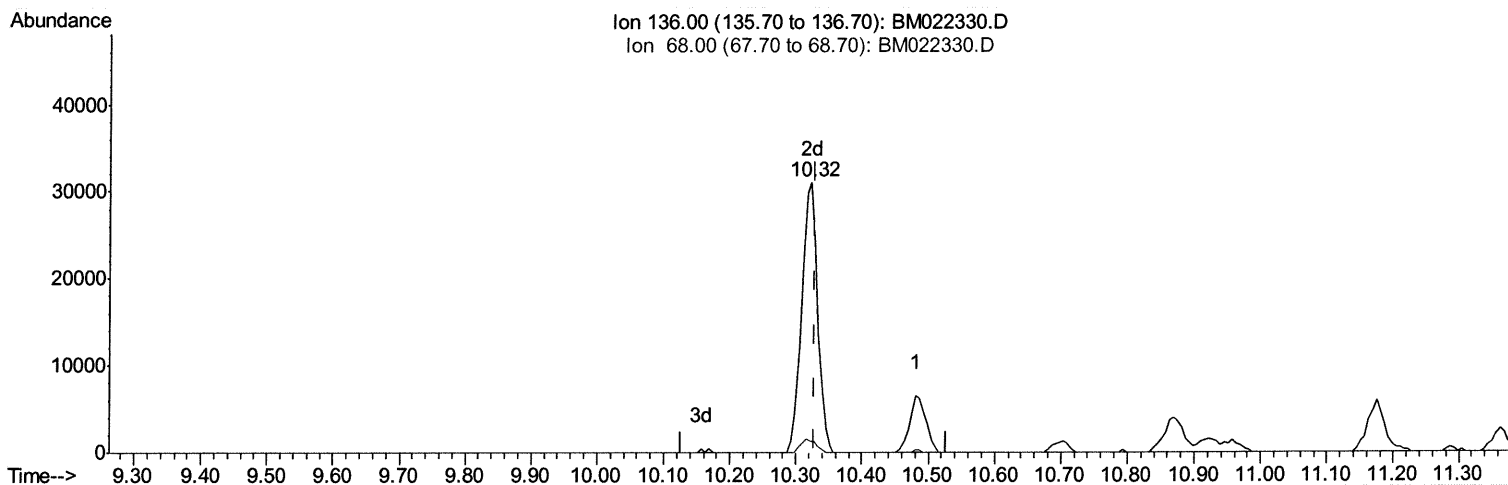
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Manual Integrations
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(18) Naphthalene-d8 (I)

10.322min (-0.006) 20.00ng/ul m *JU 08/28/19*

response 52587

Ion	Exp%	Act%
136.00	100	100
68.00	5.40	4.09#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

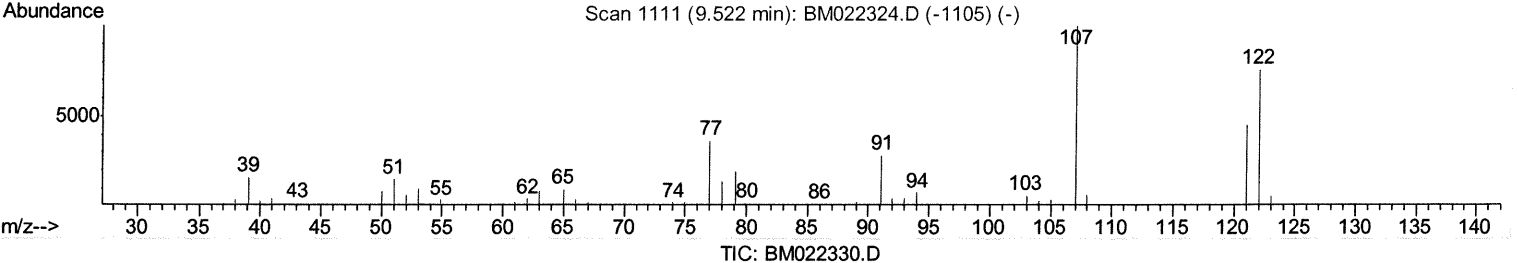
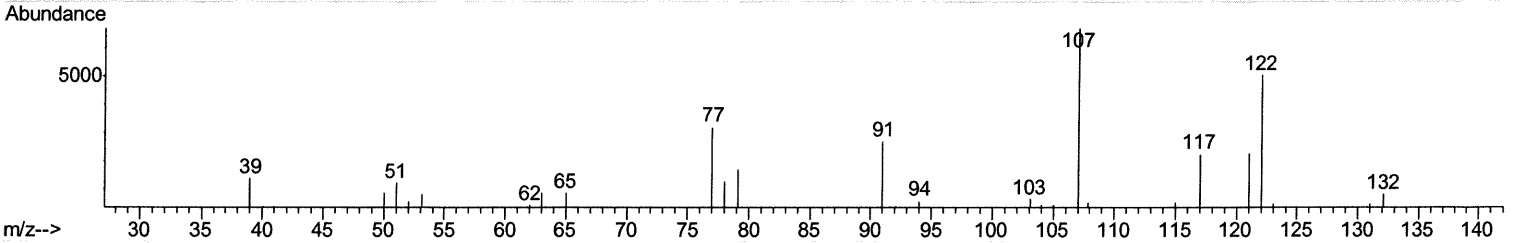
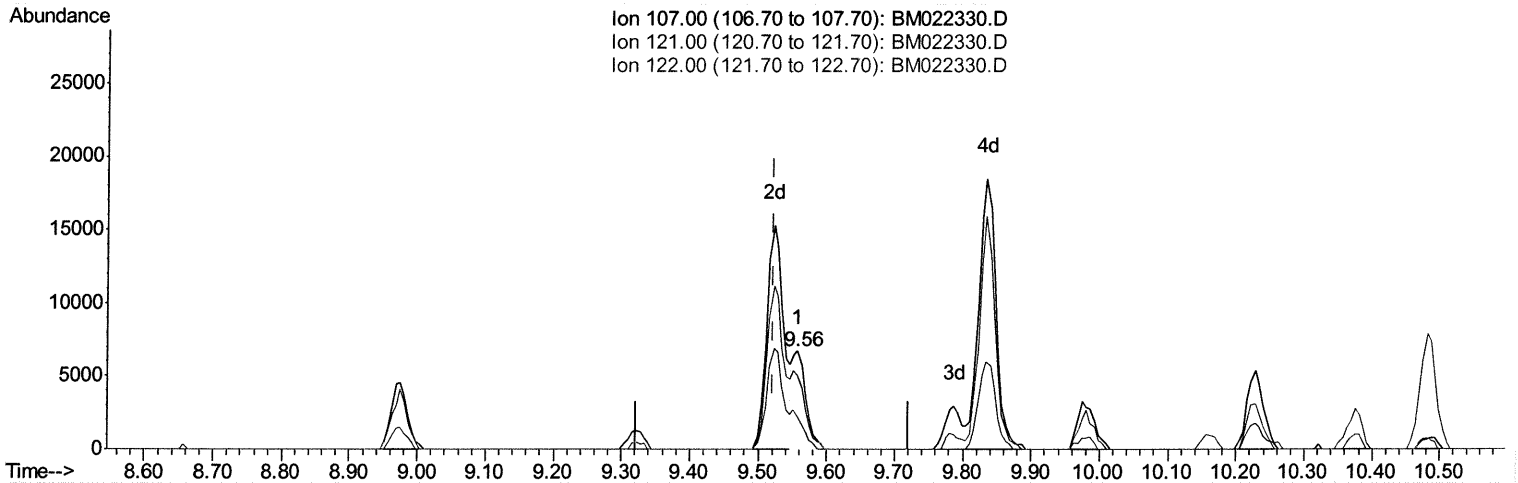
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Manual Integrations
APPROVED

mohammad
 8/28/2019 9:59:49 AM

Quant Time: Aug 27 11:31:34 2019
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(24) 2,4-Dimethylphenol
 9.557min (+0.035) 7.84ng/ul
 response 9220

Ion	Exp%	Act%
107.00	100	100
121.00	42.00	33.70
122.00	72.50	75.06
0.00	0.00	0.00

Quantitation Report (Qedit)

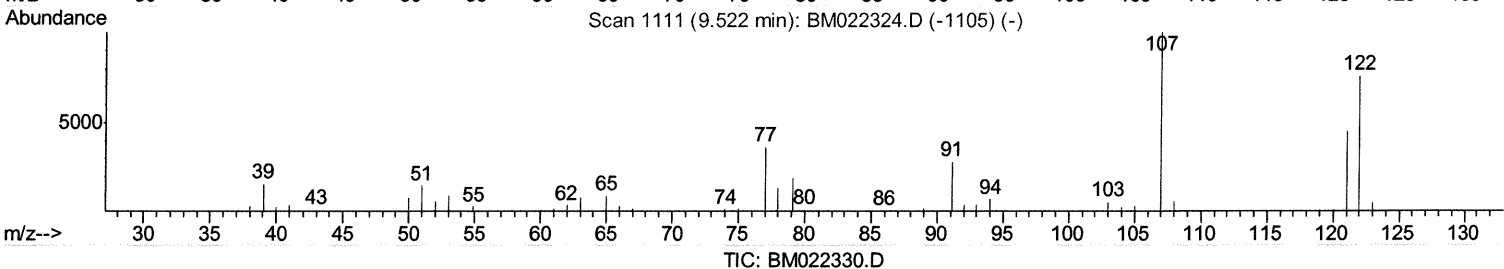
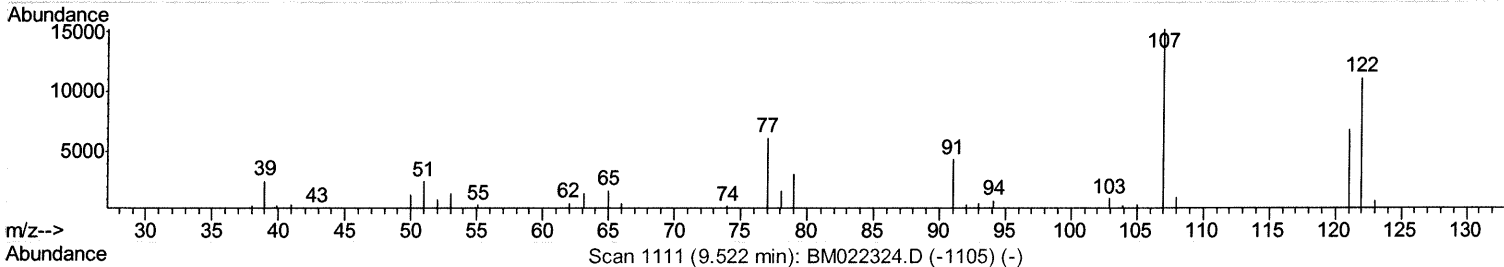
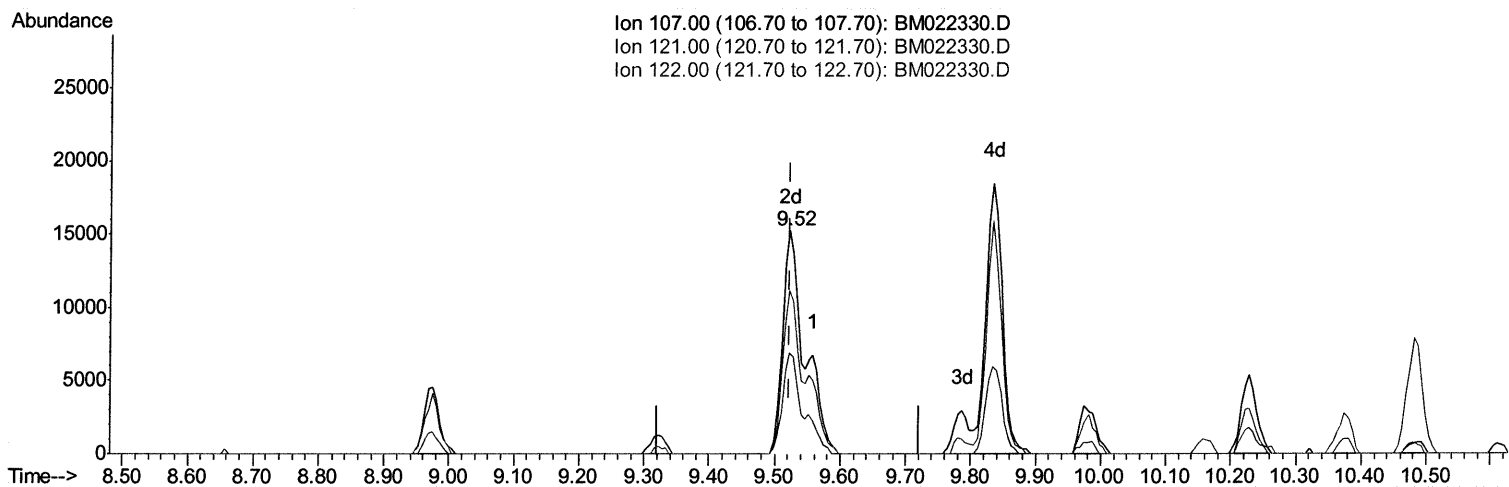
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 Operator : HP/JU
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 Misc :
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Instrument :
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Manual Integrations
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mohammad
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(24) 2,4-Dimethylphenol

9.522min (+0.000) 30.20ng/ul m

JU
 08/28/19

response 35501

Ion	Exp%	Act%
107.00	100	100
121.00	42.00	44.98
122.00	72.50	73.50
0.00	0.00	0.00

Quantitation Report (Qedit)

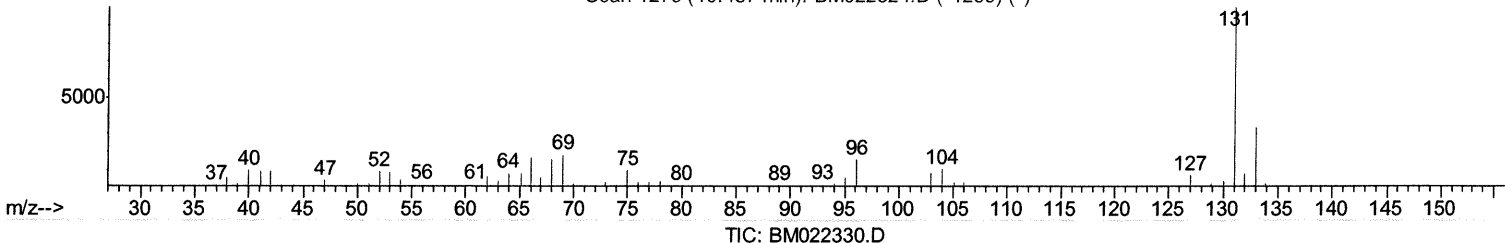
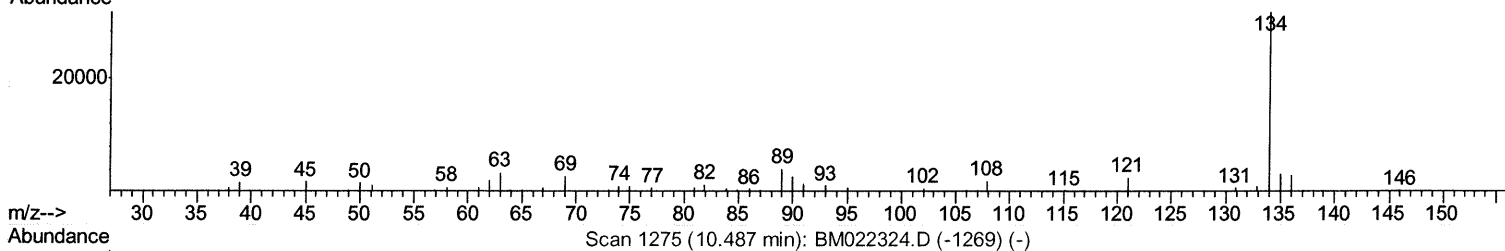
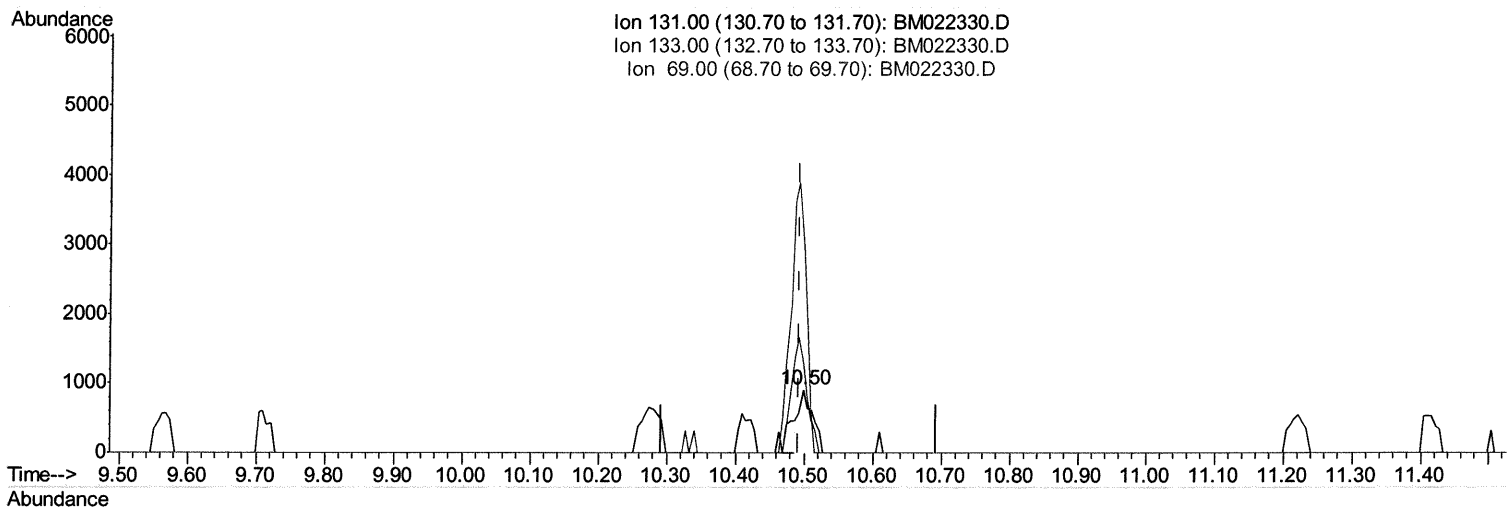
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022330.D
 Acq On : 26 Aug 2019 14:43
 Operator : HP/JU
 Sample : K4373-11DL 20X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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Manual Integrations
APPROVED

mohammad
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(29) 4-Chloroaniline-d4 (S)

10.498min (+0.006) 1.10ng/ul

response 1243

Ion	Exp%	Act%
131.00	100	100
133.00	31.60	139.67#
69.00	20.00	325.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

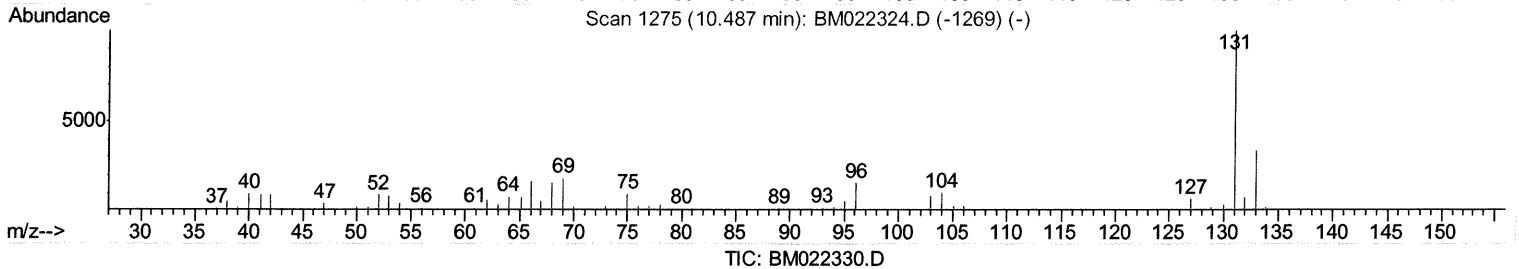
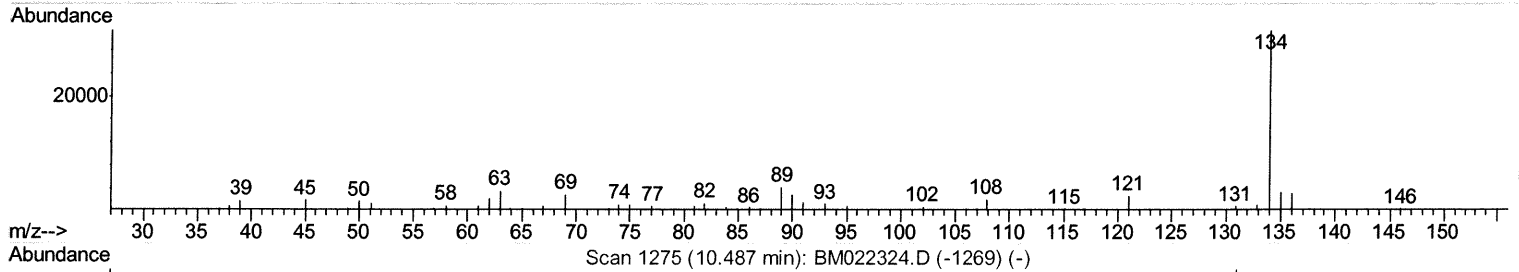
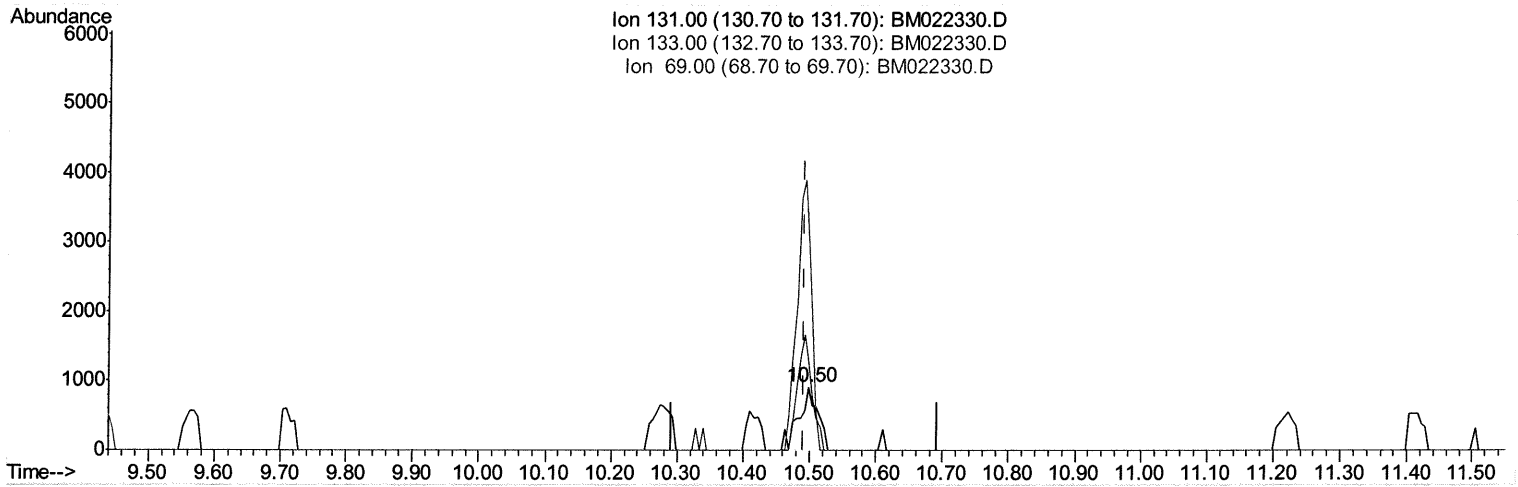
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022330.D
 Acq On : 26 Aug 2019 14:43
 Operator : HP/JU
 Sample : K4373-11DL 20X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

mohammad
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Quant Time: Aug 27 11:31:34 2019
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 Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.498min (+0.006) 1.61ng/ul m

JU 08/28/19

response 1823

Ion	Exp%	Act%
131.00	100	100
133.00	31.60	139.67#
69.00	20.00	325.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

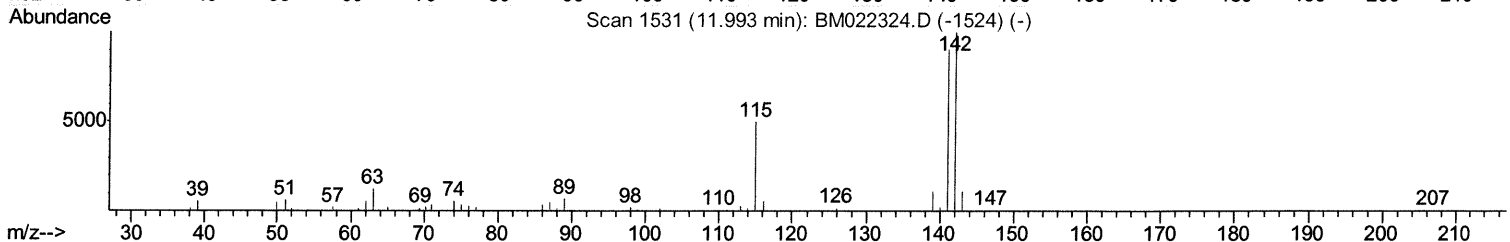
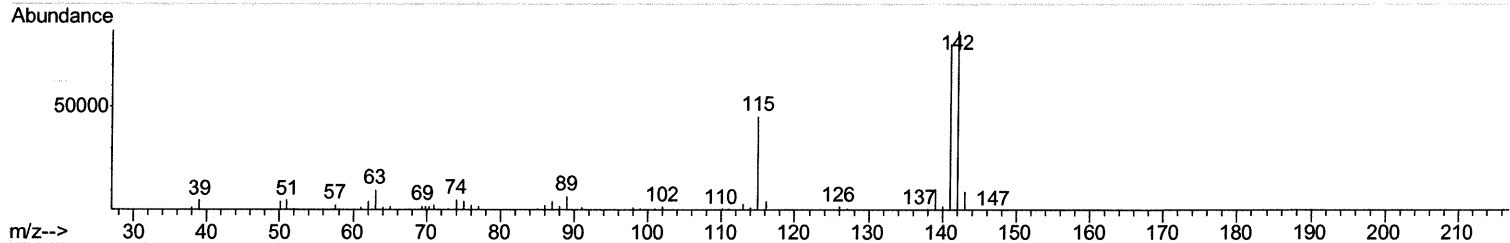
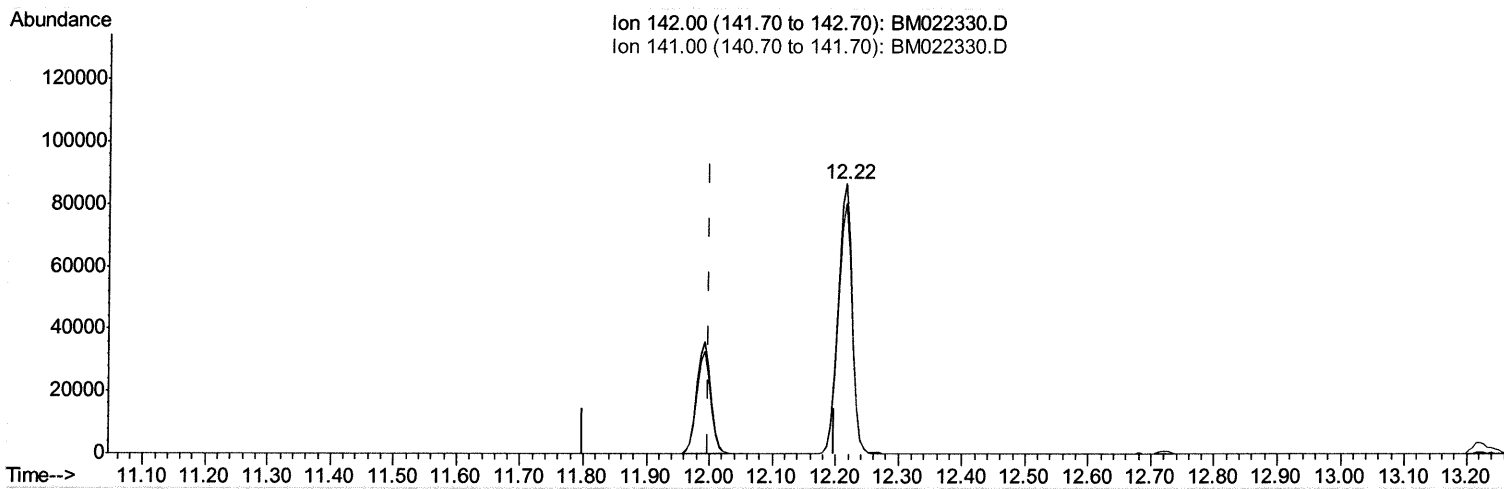
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
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(34) 2-Methylnaphthalene

12.216min (+0.218) 60.30ng/ul

response 134837

Ion	Exp%	Act%
142.00	100	100
141.00	93.90	92.77
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

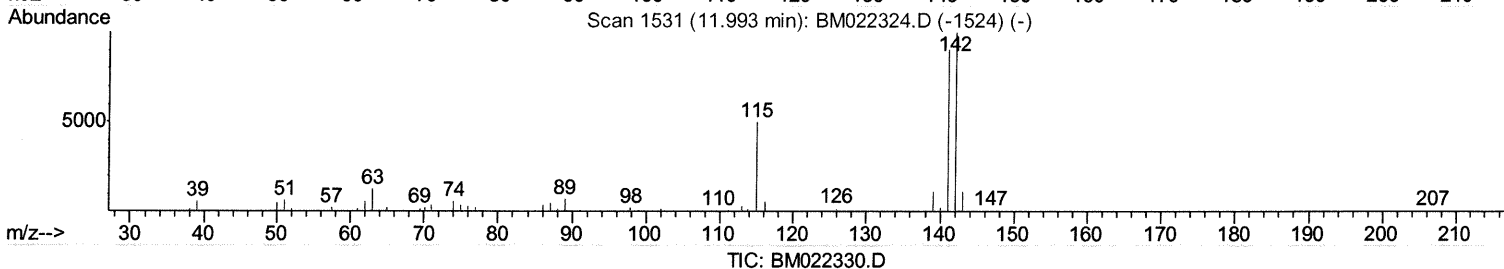
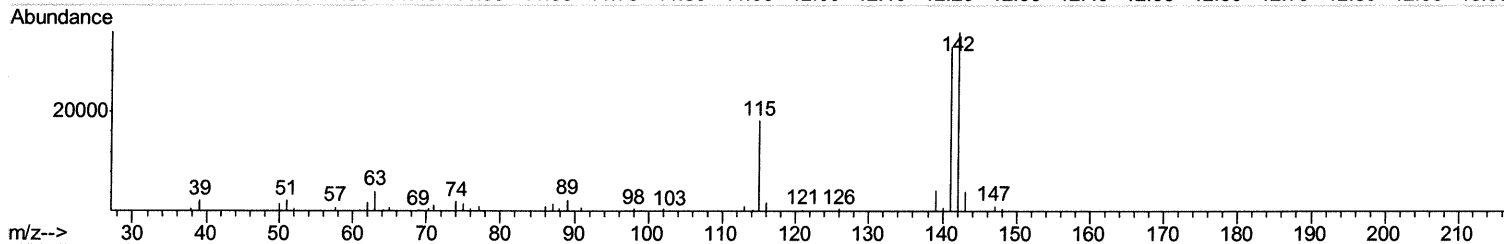
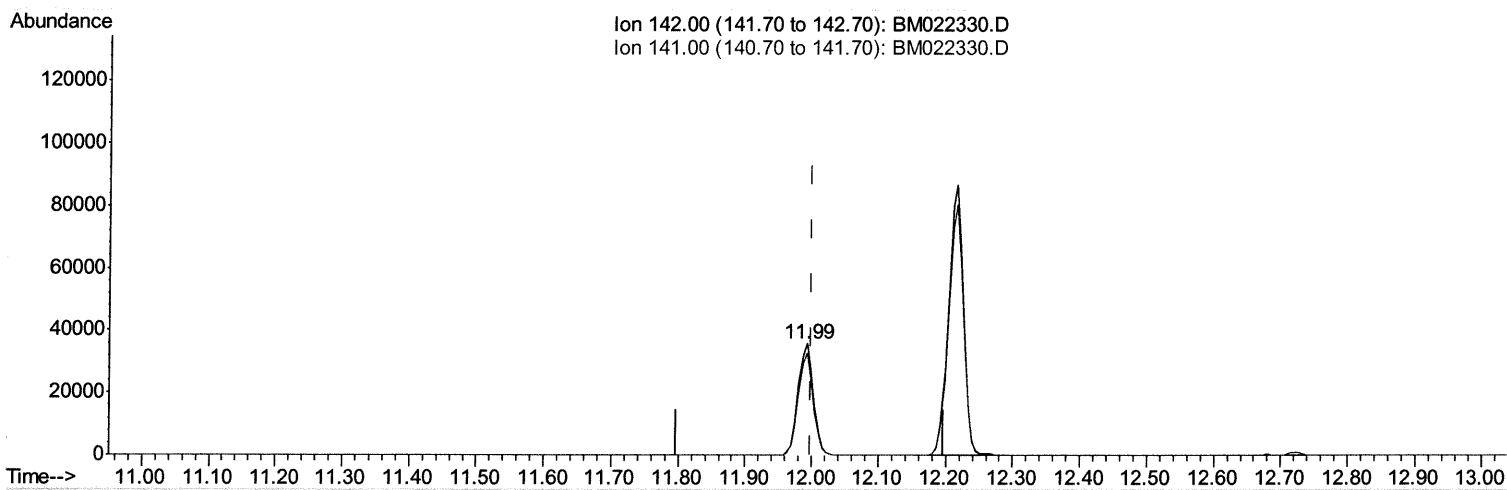
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022330.D
 Acq On : 26 Aug 2019 14:43
 Operator : HP/JU
 Sample : K4373-11DL 20X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
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Quant Time: Aug 27 11:33:49 2019
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(34) 2-Methylnaphthalene

11.992min (-0.006) 25.03ng/ul m *JU* 08/28/19

response 55967

Ion	Exp%	Act%
142.00	100	100
141.00	93.90	91.68
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

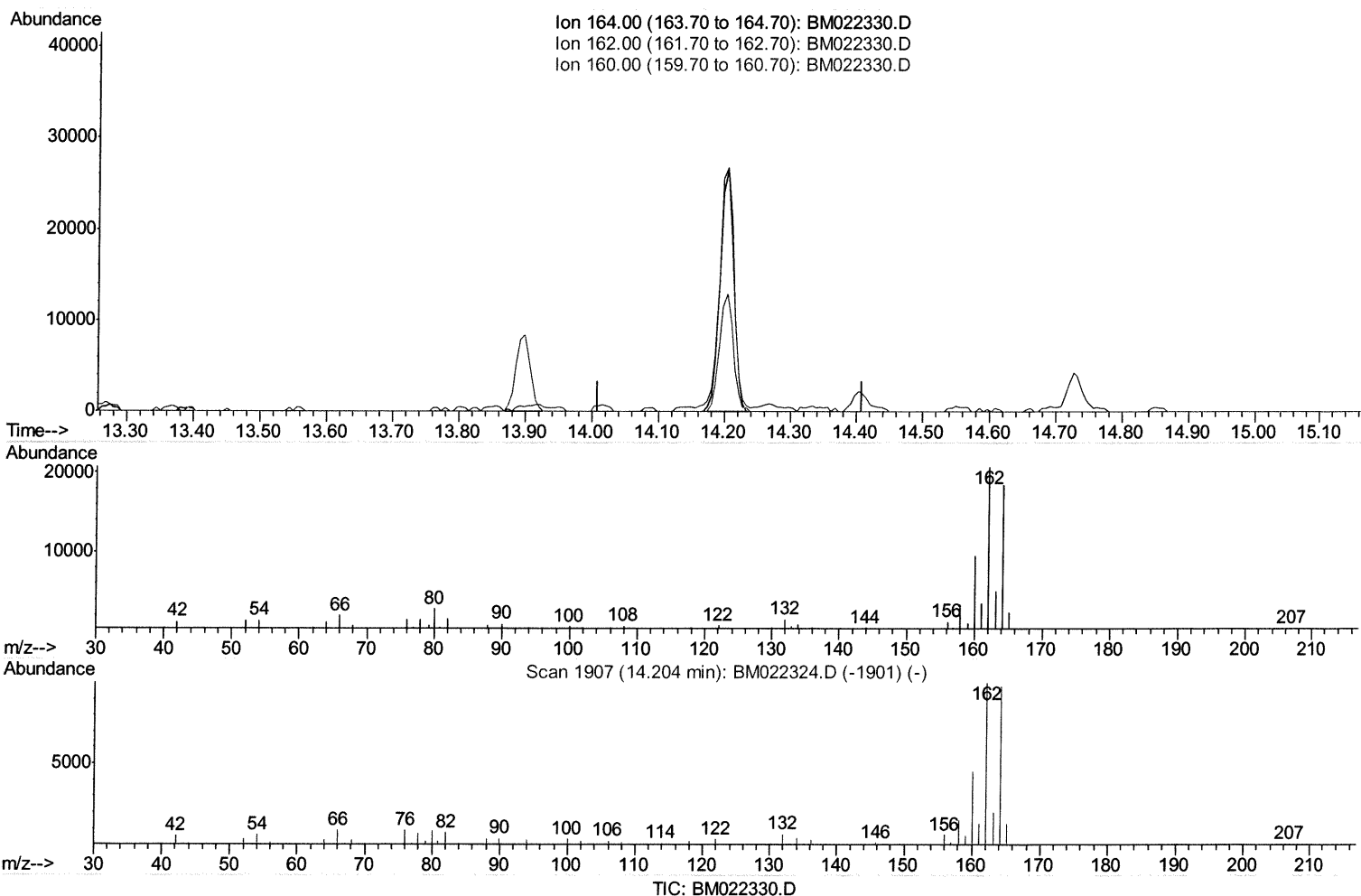
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Manual Integrations
APPROVED

mohammad
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(35) Acenaphthene-d10 (I)

14.210min (-14.210) 0.00ng/ul

response 0

Ion	Exp%	Act%
164.00	100	0.00
162.00	106.90	0.00#
160.00	45.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

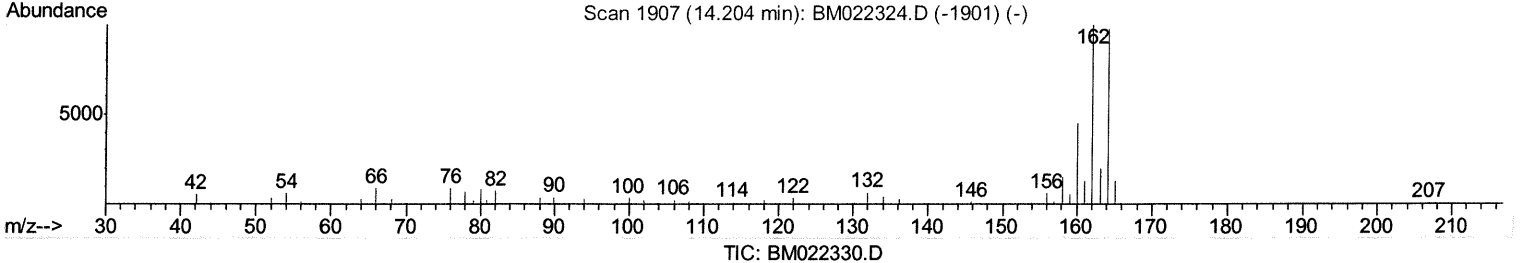
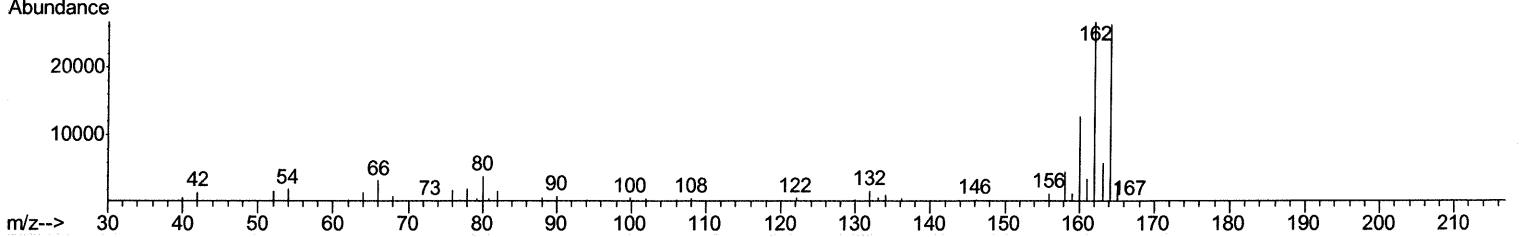
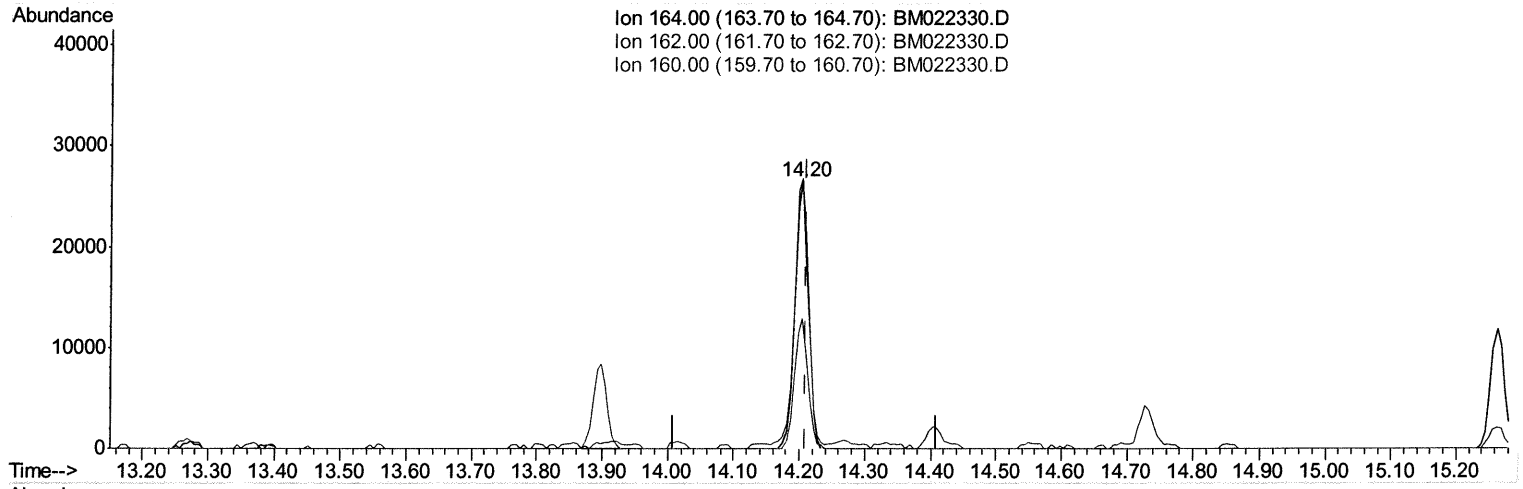
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 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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Manual Integrations
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mohammad
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(35) Acenaphthene-d10 (I)

14.204min (-0.006) 20.00ng/ul m *JU 08/28/19*

response 37347

Ion	Exp%	Act%
164.00	100	100
162.00	106.90	101.06
160.00	45.70	48.63
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	11158	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	52587m →	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	37347m →	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	90494	20.00	ng/ul	0.00
77) Chrysene-d12	21.18	240	82149	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	74550	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	6.92	67	1380	2.46	ng/ul	0.01
9) 2-Chlorophenol-d4	7.10	132	1688	2.17	ng/ul	0.01
13) 4-Methylphenol-d8	8.29	113	999	1.20	ng/ul	0.01
19) Nitrobenzene-d5	8.73	128	1100	2.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	900	1.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	2770	2.98	ng/ul	0.01
29) 4-Chloroaniline-d4	10.50	131	1823m →	1.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	12187	3.71	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	12408	3.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.42	143	867	1.78	ng/ul	-0.05
57) Fluorene-d10	15.21	176	11070	4.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	733	1.05	ng/ul	0.02
70) Anthracene-d10	17.07	188	18220	3.80	ng/ul	0.00
78) Pyrene-d10	19.37	212	21216	4.97	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	15226	3.72	ng/ul	0.00

Target Compounds

						Ovalue
11) 2-Methylphenol	8.02	108	6891	8.486	ng/ul	97
16) 4-Methylphenol	8.35	108	1989	2.228	ng/ul	89
24) 2,4-Dimethylphenol	9.52	107	35501m →	30.200	ng/ul	97
28) Naphthalene	10.37	128	1335146	460.065	ng/ul	99
34) 2-Methylnaphthalene	11.99	142	55967m →	25.030	ng/ul	99
40) 1,1'-Biphenyl	13.03	154	34341	11.299	ng/ul	99
49) Acenaphthene	14.27	153	214832	82.373	ng/ul	99
53) Dibenzofuran	14.61	168	161296	41.524	ng/ul	98
58) Fluorene	15.26	166	111402	34.050	ng/ul	100
68) Pentachlorophenol	16.63	266	1703	1.953	ng/ul	94
69) Phenanthrene	17.01	178	172365	31.838	ng/ul	99
71) Anthracene	17.10	178	14079	2.499	ng/ul	99
74) Carbazole	17.39	167	155873	30.633	ng/ul	98
76) Fluoranthene	19.04	202	23965	2.938	ng/ul#	94
79) Pyrene	19.40	202	14188	2.668	ng/ul	98

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