Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\

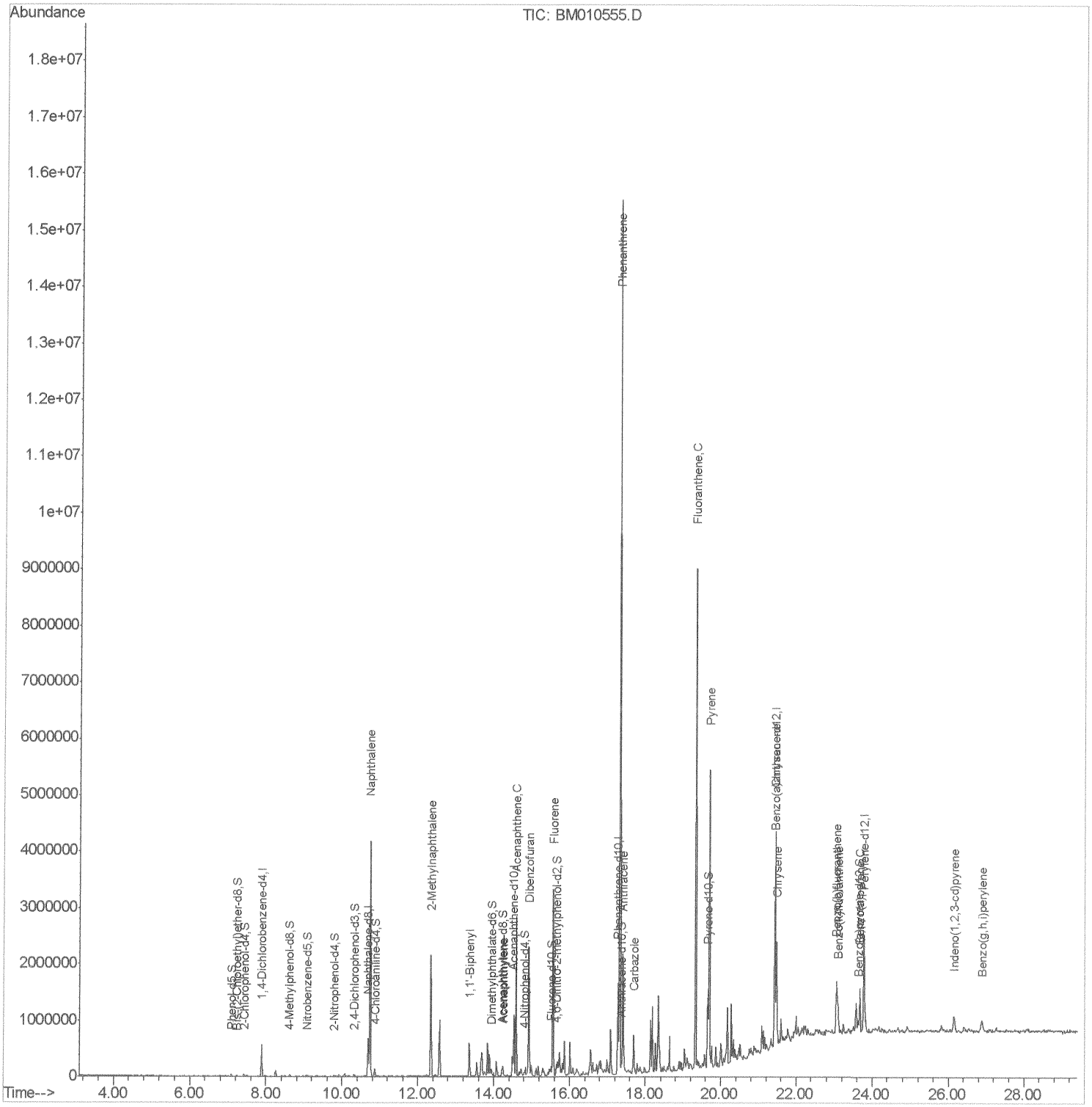
Quantitation Report (QT Reviewed)

Data File : BM010555.D
Acq On : 13 Jun 2017 03:08
Operator : SJ/MA
Sample : I3558-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 13 05:18:47 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 13 03:33:28 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F5C63DL

Manual Integrations APPROVED
mohammad
6/13/2017 3:55:02 PM



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\

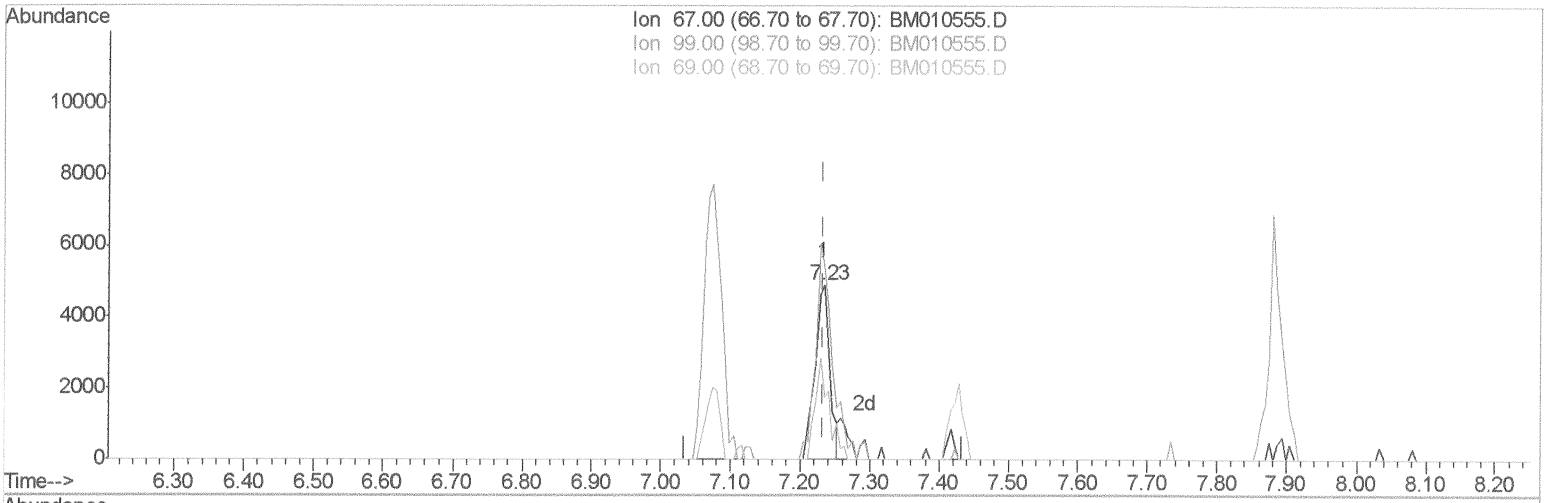
Quantitation Report (Qedit)

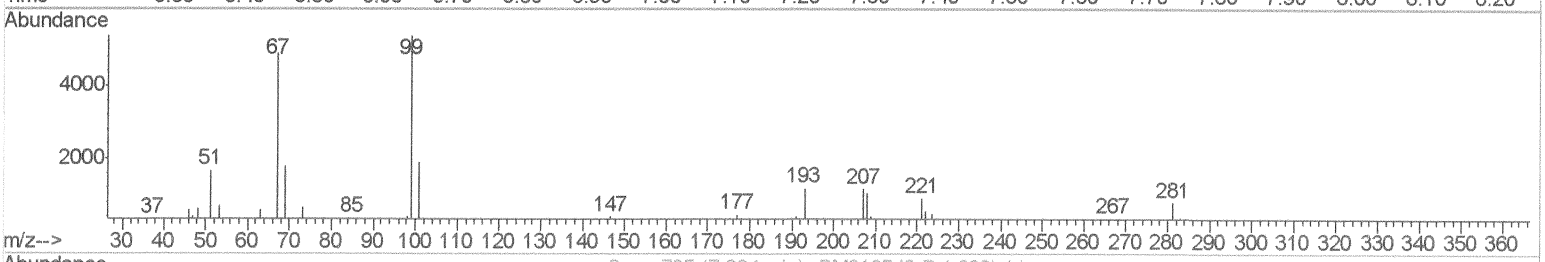
Data File : BM010555.D
Acq On : 13 Jun 2017 03:08
Operator : SJ/MA
Sample : I3558-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

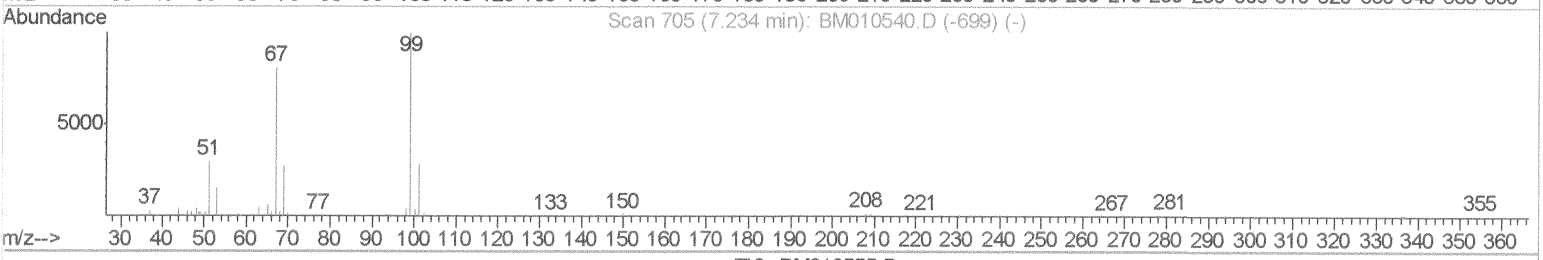
Quant Time: Jun 13 05:16:06 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 13 03:33:28 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F5C63DL

Manual Integrations APPROVED
mohammad
6/13/2017 3:55:02 PM







TIC: BM010555.D

(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.234min (+0.000) 1.40ng/ul

response 7171

Ion	Exp%	Act%
67.00	100	100
99.00	112.80	109.92
69.00	36.30	36.33
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\

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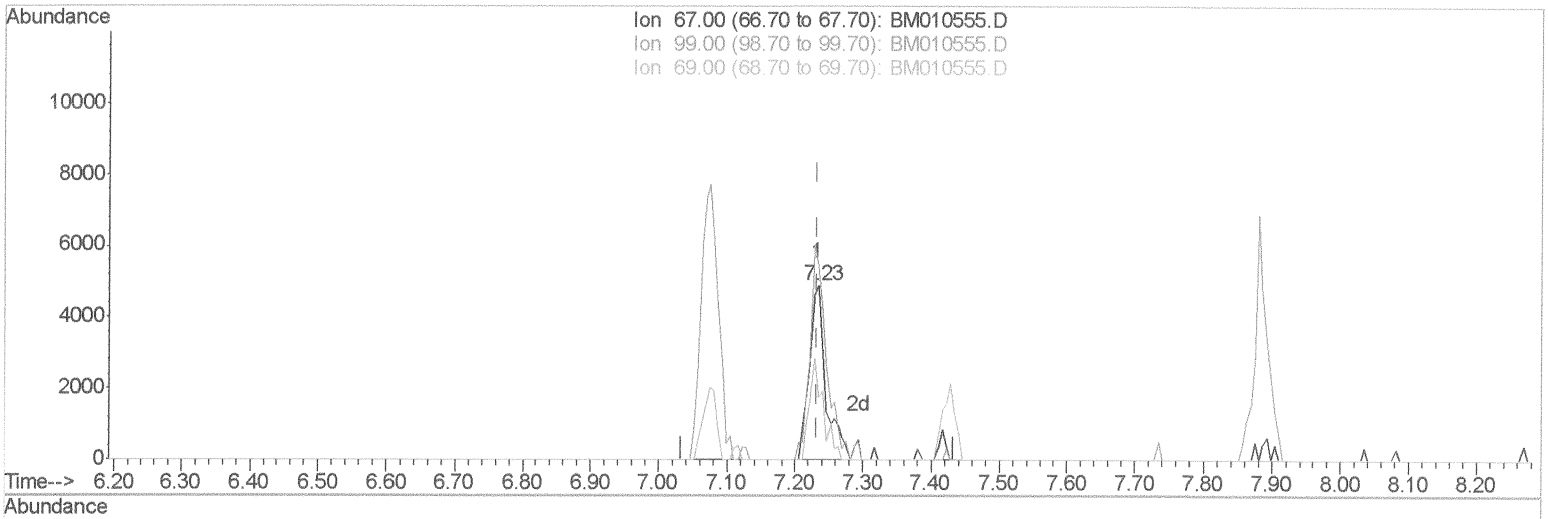
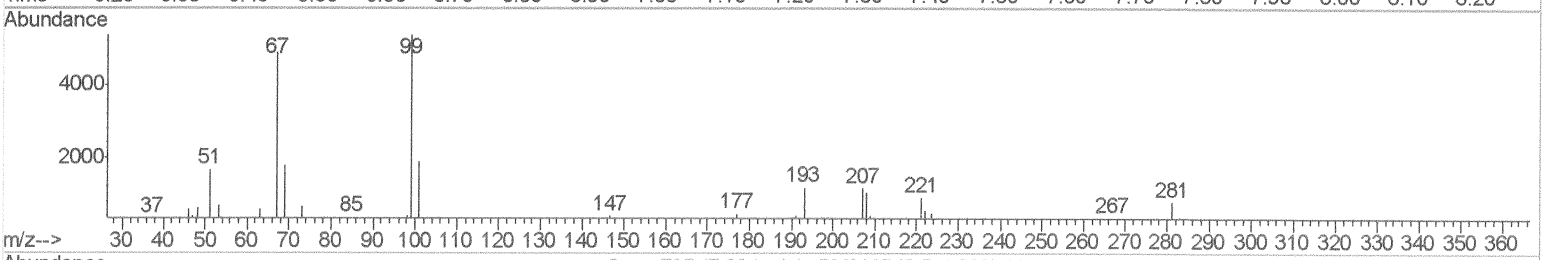
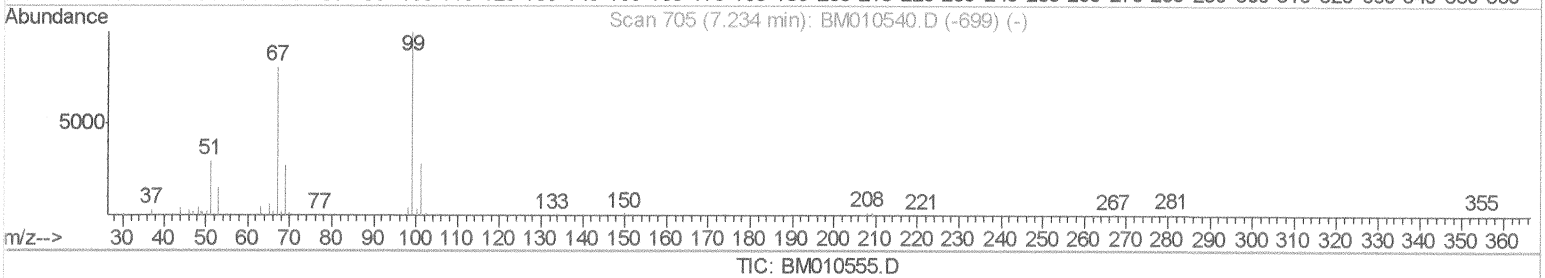
Manual Integrations APPROVED
mohammad
6/13/2017 3:55:02 PM







TIC: BM010555.D

(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.234min (+0.000) 1.63ng/ul m SJ 06/26/17

response 8306

Ion	Exp%	Act%
67.00	100	100
99.00	112.80	109.92
69.00	36.30	36.33
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\

Quantitation Report (Qedit)

Data File : BM010555.D
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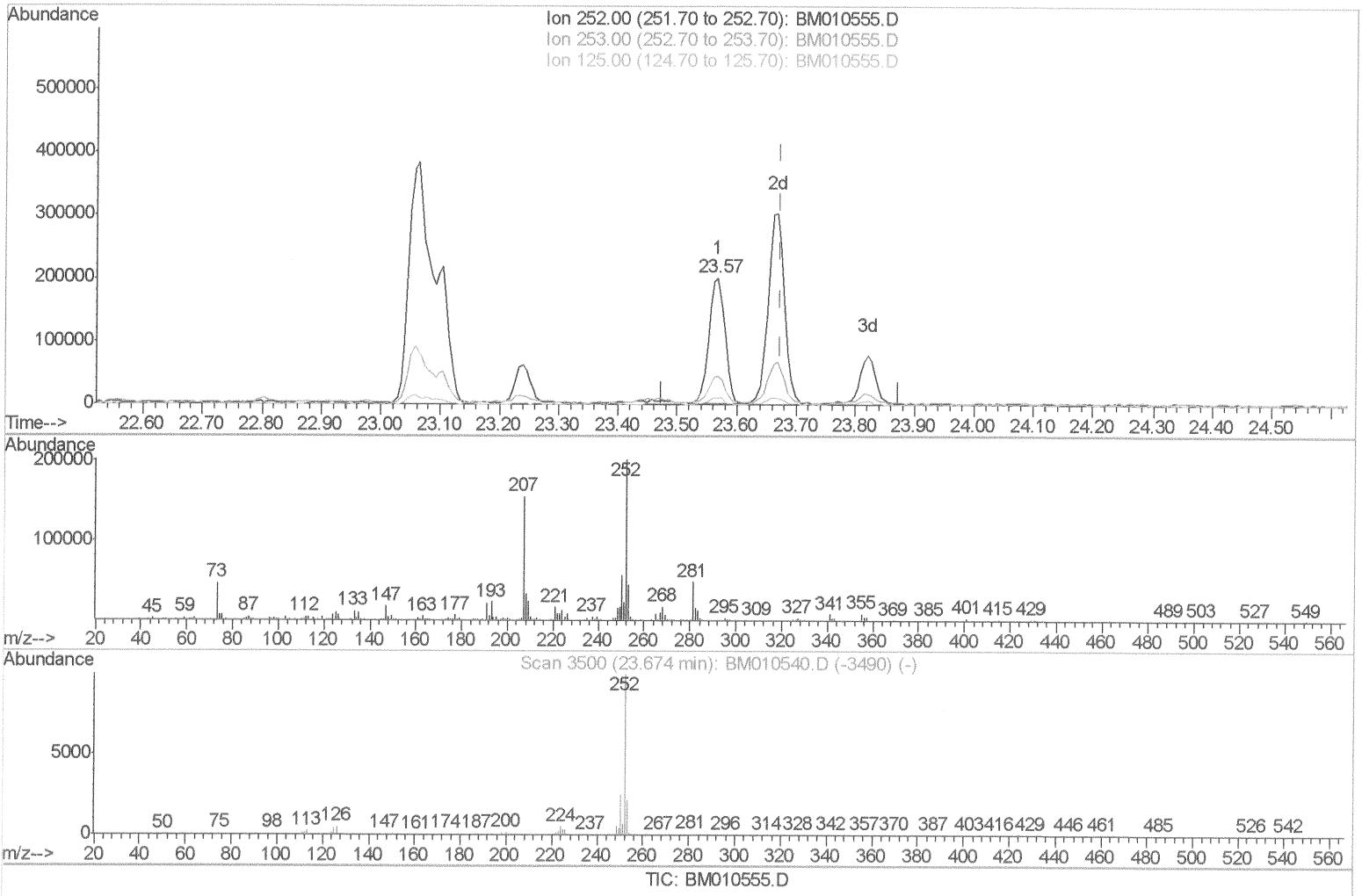
Operator : SJ/MA
Sample : I3558-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 13 05:16:06 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 13 03:33:28 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F5C63DL

Manual Integrations APPROVED
mohammad
6/13/2017 3:55:02 PM



TIC: BM010555.D

(88) Benzo(a)pyrene (C)

23.568min (-0.106) 4.93ng/ul

response 370348

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	22.21
125.00	5.00	5.27
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\

Quantitation Report (Qedit)

Data File : BM010555.D
Acq On : 13 Jun 2017 03:08
Operator : SJ/MA
Sample : I3558-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 13 05:16:06 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 13 03:33:28 2017
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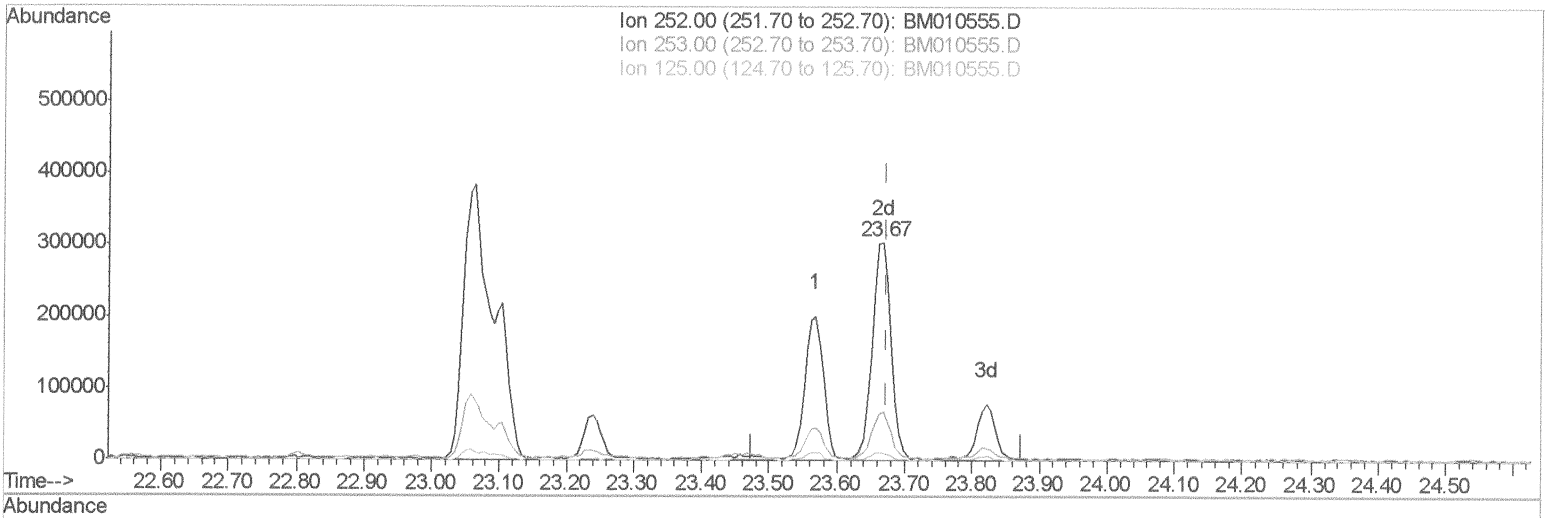
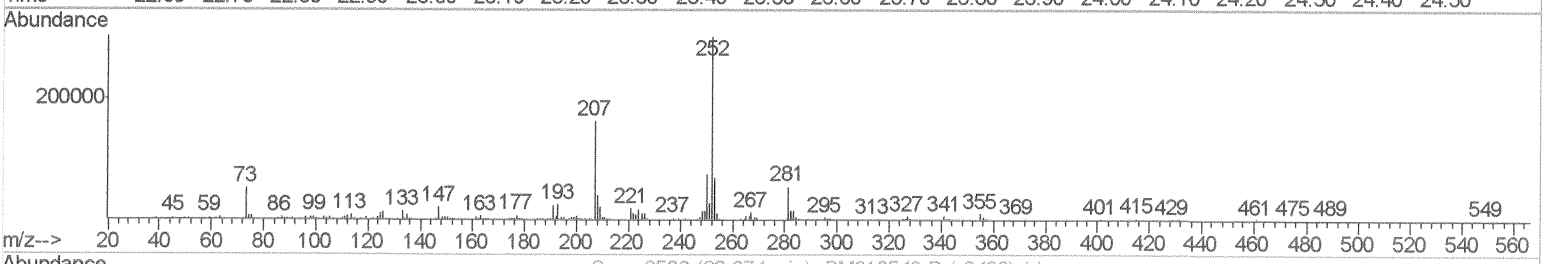
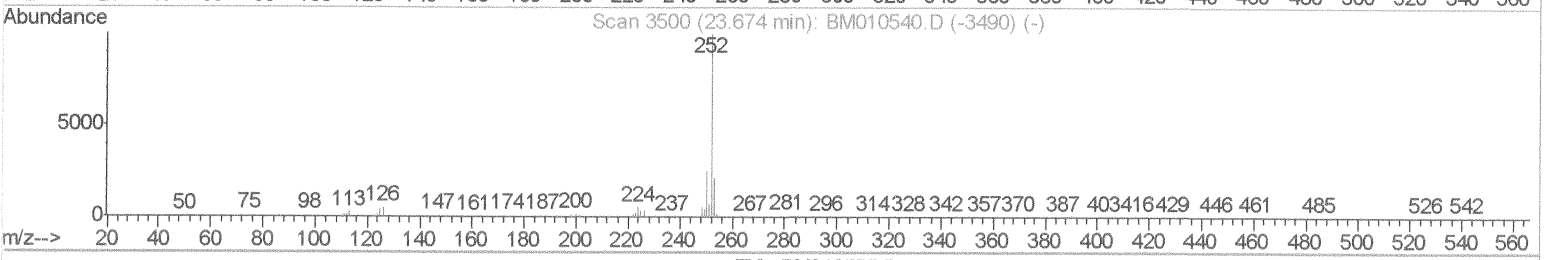
Instrument :
BNA_M
ClientSampleId :
F5C63DL

Manual Integrations APPROVED
mohammad
6/13/2017 3:55:02 PM







TIC: BM010555.D

(88) Benzo(a)pyrene (C)

23.668min (-0.006) 7.89ng/ul m SJ 06/26/17

response 592706

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	22.54
125.00	5.00	3.35#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\

Quantitation Report (QT Reviewed)

Data File : BM010555.D
Acq On : 13 Jun 2017 03:08
Operator : SJ/MA
Sample : I3558-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C63DL

Manual Integrations APPROVED
mohammad
6/13/2017 3:55:02 PM

Quant Time: Jun 13 05:18:47 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 13 03:33:28 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	119957	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	429967	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	314972	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	861791	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1330127	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	1301657	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.07	99	13843	1.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	8306m	1.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	12371	1.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.61	113	11705	1.60	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	6412	2.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	7100	1.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	15302	2.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	15243	2.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	61619	2.35	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	58408	1.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.79	143	4810	1.23	ng/ul	0.02
57) Fluorene-d10	15.52	176	56584	2.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	8142	1.33	ng/ul	0.00
70) Anthracene-d10	17.37	188	95861	2.29	ng/ul	0.00
76) Pyrene-d10	19.66	212	127121	2.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	130894	2.16	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.74	128	2538364	117.70	ng/ul	99
34) 2-Methylnaphthalene	12.34	142	800638	48.97	ng/ul	97
40) 1,1'-Biphenyl	13.35	154	251812	9.86	ng/ul	95
47) Acenaphthylene	14.25	152	42428	1.42	ng/ul#	91
49) Acenaphthene	14.59	153	984724	47.06	ng/ul	99
53) Dibenzofuran	14.92	168	1168510	37.77	ng/ul	100
58) Fluorene	15.57	166	1220965	48.11	ng/ul	97
69) Phenanthrene	17.32	178	7793062	169.39	ng/ul	99
71) Anthracene	17.40	178	1188901	24.75	ng/ul	99
72) Carbazole	17.69	167	289970	7.13	ng/ul	96
74) Fluoranthene	19.33	202	4931580	87.17	ng/ul#	95
77) Pyrene	19.69	202	3193405	46.59	ng/ul#	93
80) Benzo(a)anthracene	21.42	228	1221479	16.28	ng/ul	96
82) Chrysene	21.47	228	951565	14.03	ng/ul	97
85) Benzo(b)fluoranthene	23.06	252	915051	12.08	ng/ul#	98
86) Benzo(k)fluoranthene	23.10	252	273424	3.78	ng/ul#	94
88) Benzo(a)pyrene	23.67	252	592706m	7.89	ng/ul	
89) Indeno(1,2,3-cd)pyrene	26.14	276	259499	2.74	ng/ul#	97
91) Benzo(g,h,i)perylene	26.88	276	201395	2.58	ng/ul#	93

SJ 06/26/17

SJ 06/26/17

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