Data Path : Z:\HPCHEM1\BNA_M\DATA\BM013117\
Data File : BM008942.D
Acq On : 31 Jan 2017 16:02
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 31 23:52:29 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 31 03:36:05 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02063

Manual Integrations APPROVED
mohammad
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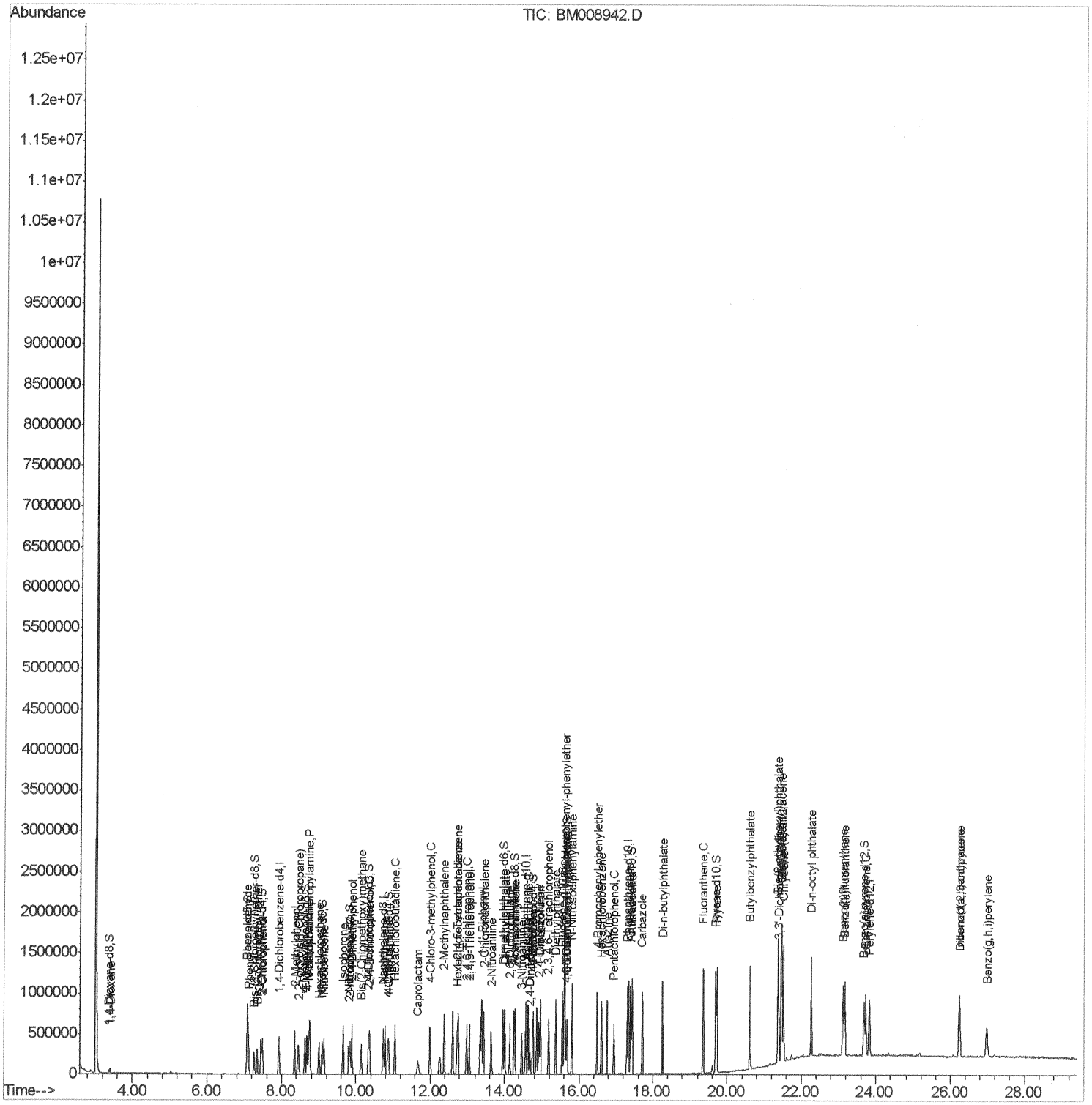

Quantitation Report (Qedit)

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Data File : BM008942.D
Acq On : 31 Jan 2017 16:02
Operator : SJ/MA
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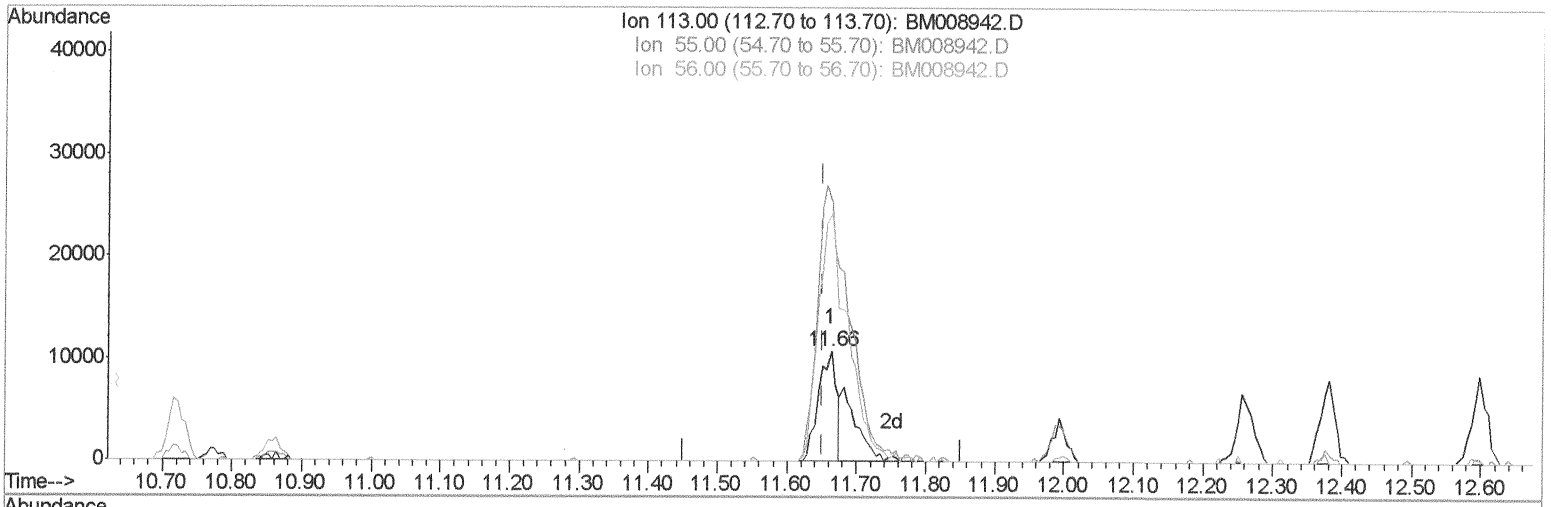

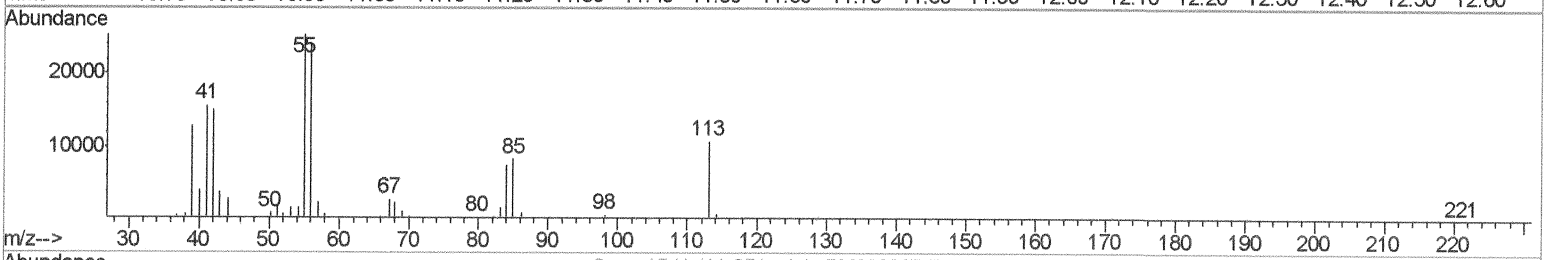

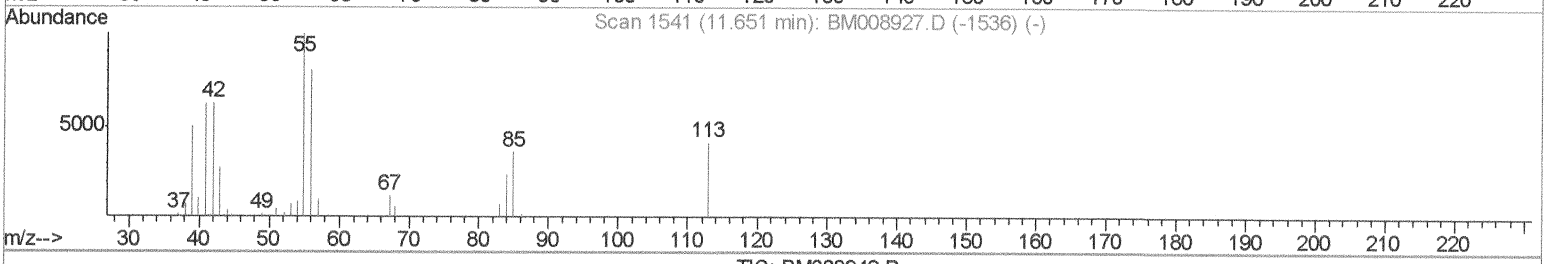

TIC: BM008942.D

(32) Caprolactam

11.663min (+0.012) 11.87ng/ul

response 19958

Ion	Exp%	Act%
113.00	100	100
55.00	236.60	235.15
56.00	207.20	224.56
0.00	0.00	0.00

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BNA_M
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Manual Integrations APPROVED
mohammad
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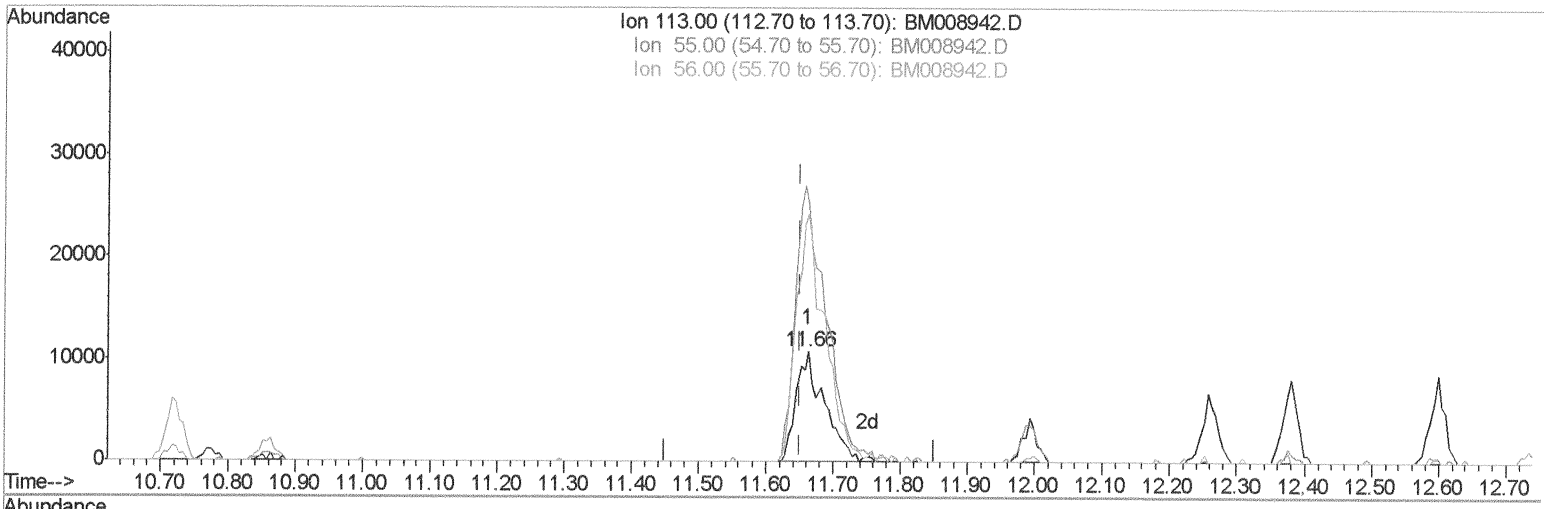

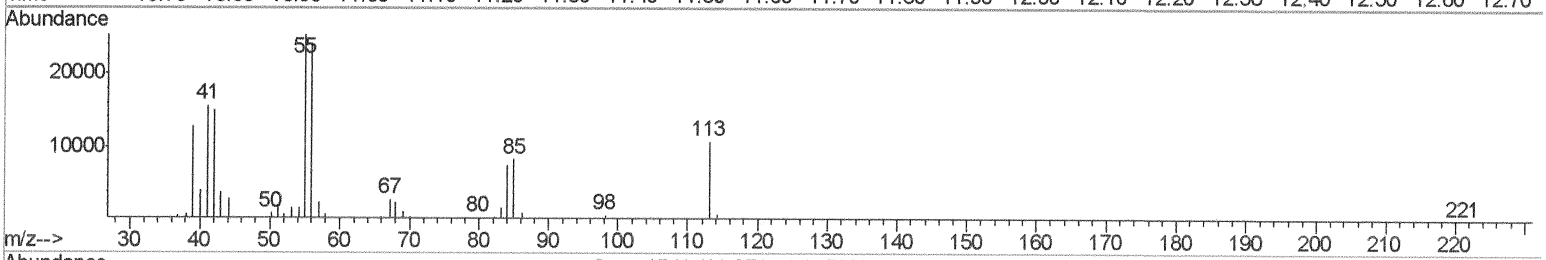

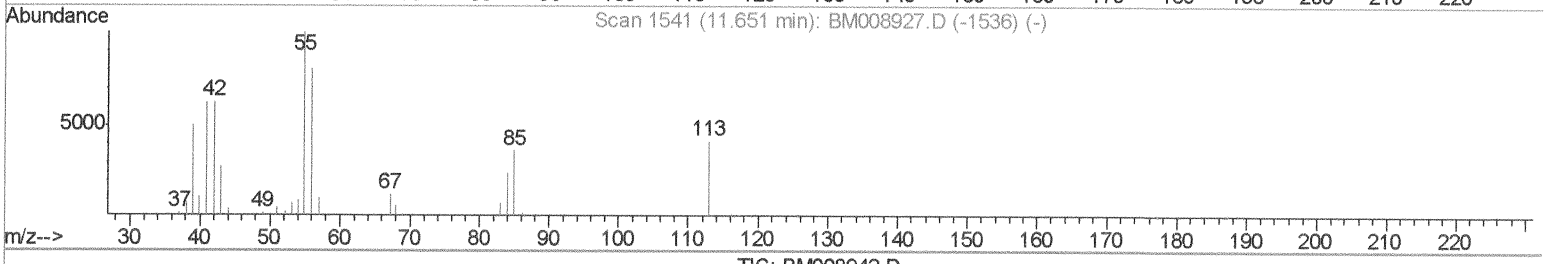

TIC: BM008942.D

(32) Caprolactam

11.663min (+0.012) 18.52ng/ul m SJ 2/1/17

response 31126

Ion	Exp%	Act%
113.00	100	100
55.00	236.60	235.15
56.00	207.20	224.56
0.00	0.00	0.00

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Misc :
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QLast Update : Tue Jan 31 03:36:05 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02063

Manual Integrations APPROVED
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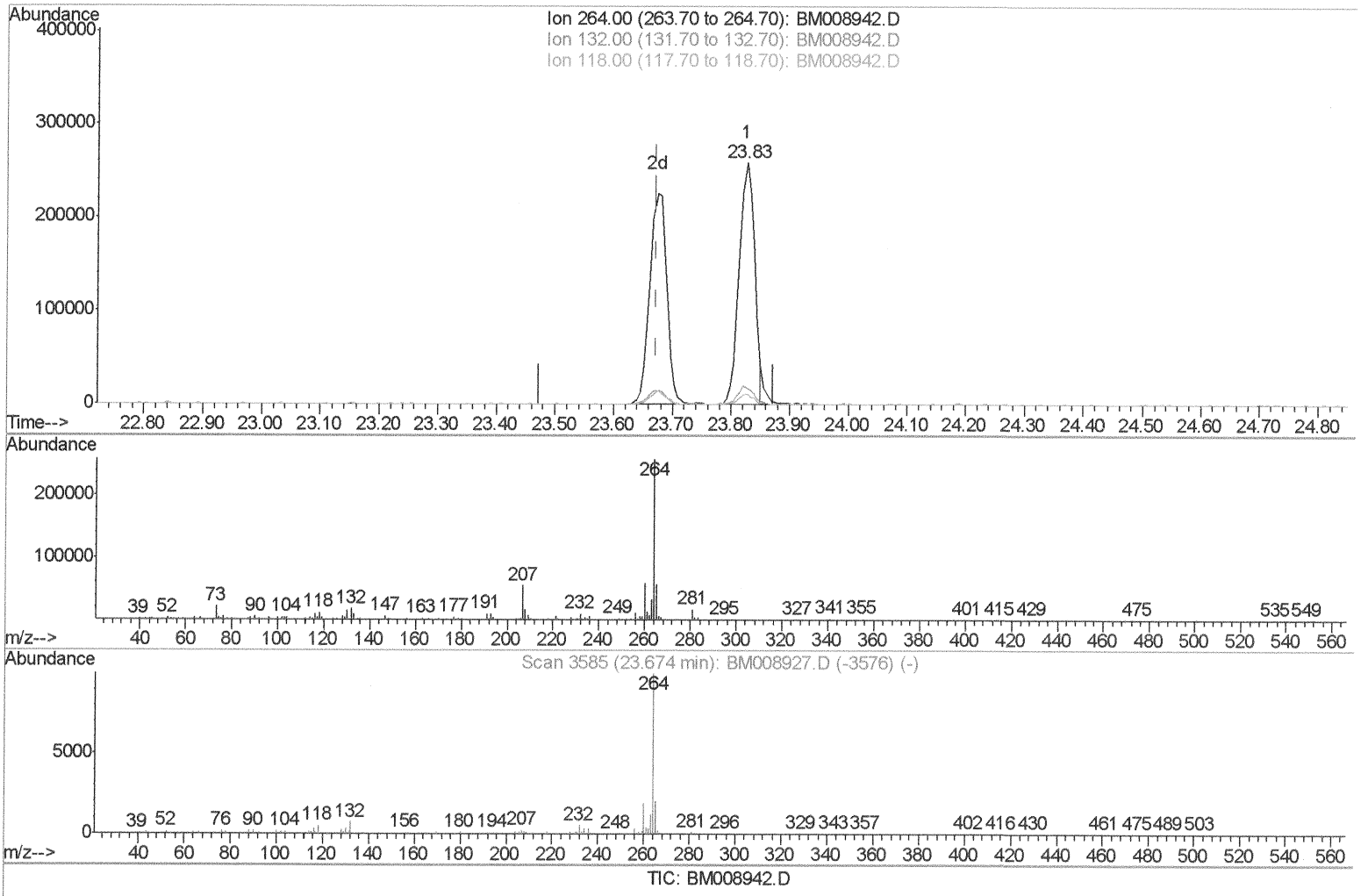

TIC: BM008942.D

(87) Benzo(a)pyrene-d12 (S)

23.827min (+0.153) 21.45ng/ul

response 478401

Ion	Exp%	Act%
264.00	100	100
132.00	8.10	6.69
118.00	5.40	4.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM013117\
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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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Instrument :
BNA_M
LabSampleId :
SSTD02063

Manual Integrations APPROVED
mohammad
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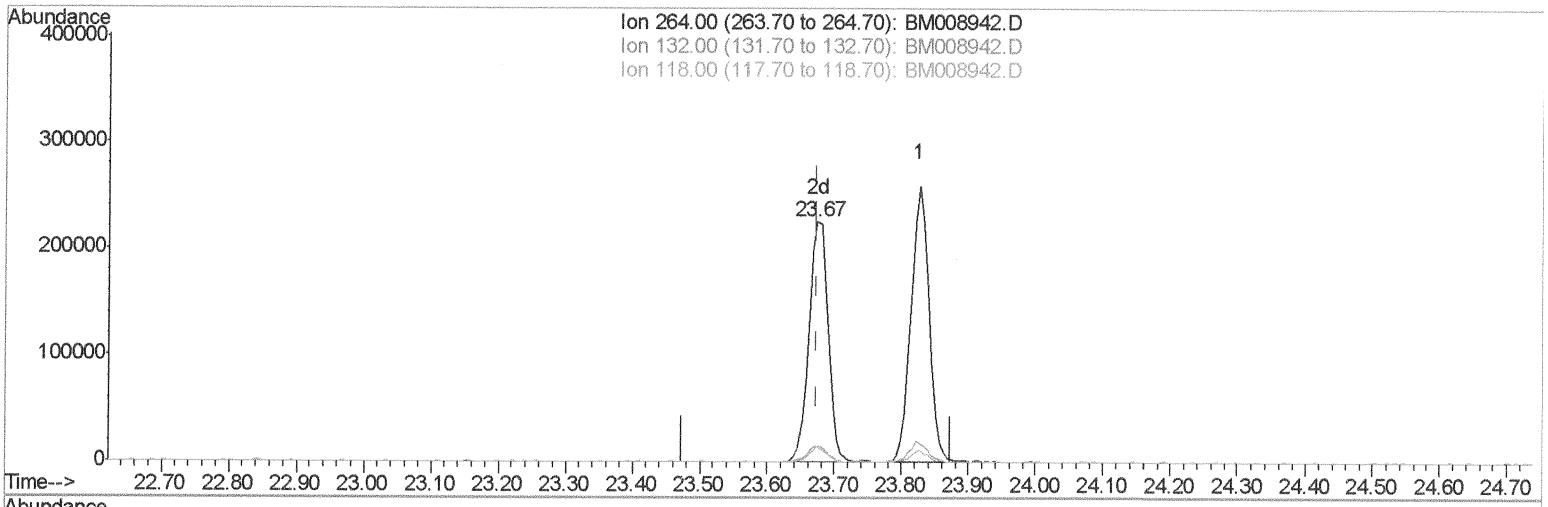

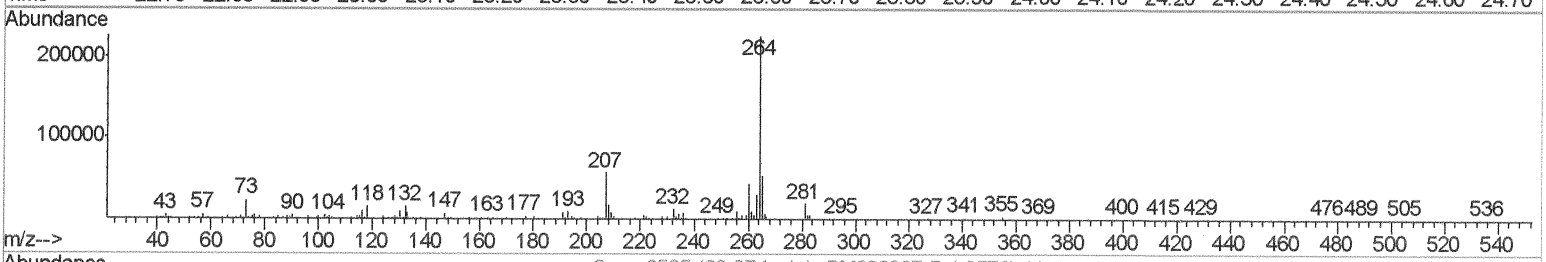

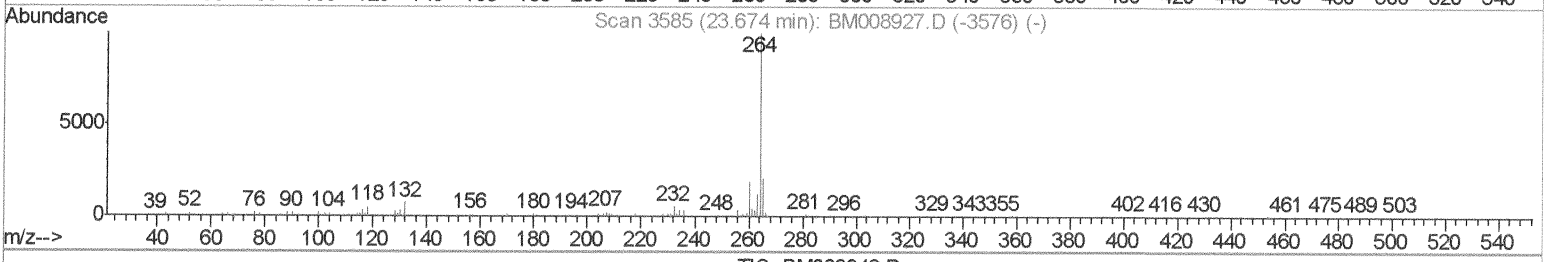

TIC: BM008942.D

(87) Benzo(a)pyrene-d12 (S)

23.674min (+0.000) 19.96ng/ul m SJ 2/1/17

response 445048

Ion	Exp%	Act%
264.00	100	100
132.00	8.10	6.73
118.00	5.40	6.88#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BM008942.D
Acq On : 31 Jan 2017 16:02
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
LabSampleId : SSTD02063

Manual Integrations APPROVED
mohammad
2/1/2017 2:27:57 PM

Quant Time: Jan 31 23:52:29 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	79582	20.00	ng/ul	0.00
18) Naphthalene-d8	10.72	136	326356	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.56	164	244591	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.30	188	537780	20.00	ng/ul	0.00
75) Chrysene-d12	21.47	240	576158	20.00	ng/ul	0.00
83) Perylene-d12	23.83	264	491061	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.38	96	15471	7.77	ng/uL	0.00
5) Phenol-d5	7.07	99	146301	19.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.25	67	120414	19.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.45	132	97560	21.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.61	113	112551	20.03	ng/ul	0.00
19) Nitrobenzene-d5	9.08	128	44228	18.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.80	143	51906	19.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	111874	20.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	103828	20.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.96	166	376101	20.98	ng/ul	0.00
46) Acenaphthylene-d8	14.25	160	429920	21.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.74	143	54957	18.78	ng/ul	0.00
57) Fluorene-d10	15.54	176	332943	20.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	58811	16.89	ng/ul	0.00
70) Anthracene-d10	17.40	188	525468	20.45	ng/ul	0.00
76) Pyrene-d10	19.69	212	586321	23.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.67	264	445048m>	19.96	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	19053	7.61	ng/uL#	84
4) Benzaldehyde	7.06	77	147045	19.78	ng/ul	95
6) Phenol	7.10	94	157102	19.92	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.34	93	122503	20.55	ng/ul	92
10) 2-Chlorophenol	7.48	128	95872	20.22	ng/ul	96
11) 2-Methylphenol	8.35	108	110253	19.94	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.45	45	233513	19.78	ng/ul	96
14) Acetophenone	8.74	105	203592	19.30	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.72	70	131749	19.01	ng/ul	98
16) 4-Methylphenol	8.68	108	118676	20.10	ng/ul	92
17) Hexachloroethane	8.99	117	56787	18.81	ng/ul	97
20) Nitrobenzene	9.13	77	204825	18.97	ng/ul	95
21) Isophorone	9.65	82	330336	20.62	ng/ul	99
23) 2-Nitrophenol	9.83	139	56316	20.69	ng/ul#	75
24) 2,4-Dimethylphenol	9.88	107	164272	19.87	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.13	93	161924	19.88	ng/ul	97
27) 2,4-Dichlorophenol	10.36	162	109874	19.85	ng/ul	98
28) Naphthalene	10.77	128	329679	20.38	ng/ul	97
30) 4-Chloroaniline	10.88	127	109121	20.56	ng/ul	90
31) Hexachlorobutadiene	11.05	225	99372	18.18	ng/ul	96
32) Caprolactam	11.66	113	31126m>	18.52	ng/ul	
33) 4-Chloro-3-methylphenol	11.99	107	140786	19.15	ng/ul#	97
34) 2-Methylnaphthalene	12.38	142	255138	20.14	ng/ul	89

SJ 2/1/17

SJ 2/1/17

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2/1/2017 2:27:57 PM

Quant Time: Jan 31 23:52:29 2017
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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.75	216	173621	21.14 ng/ul	95
37) Hexachlorocyclopentadiene	12.72	237	112096	17.94 ng/ul	100
38) 2,4,6-Trichlorophenol	12.98	196	100750	20.32 ng/ul	92
39) 2,4,5-Trichlorophenol	13.05	196	108283	20.03 ng/ul	88
40) 1,1'-Biphenyl	13.39	154	360281	21.66 ng/ul	95
41) 2-Chloronaphthalene	13.43	162	276461	21.21 ng/ul	95
42) 2-Nitroaniline	13.64	65	139375	19.83 ng/ul	96
44) Dimethylphthalate	14.01	163	360858	20.63 ng/ul	98
45) 2,6-Dinitrotoluene	14.13	165	69000	20.61 ng/ul	99
47) Acenaphthylene	14.28	152	418689	20.92 ng/ul	97
48) 3-Nitroaniline	14.46	138	61818	21.52 ng/ul#	89
49) Acenaphthene	14.62	153	286323	19.93 ng/ul	97
50) 2,4-Dinitrophenol	14.67	184	35780	14.15 ng/ul	95
52) 4-Nitrophenol	14.76	109	116992	18.33 ng/ul	96
53) Dibenzofuran	14.96	168	432664	19.76 ng/ul	98
54) 2,4-Dinitrotoluene	14.92	165	106513	20.94 ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.17	232	101509	19.49 ng/ul	96
56) Diethylphthalate	15.37	149	387137	19.98 ng/ul	99
58) Fluorene	15.60	166	363694	19.52 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.59	204	207599	19.50 ng/ul	90
60) 4-Nitroaniline	15.63	138	70745	19.04 ng/ul	81
63) 4,6-Dinitro-2-methylphenol	15.67	198	63767	18.10 ng/ul	92
64) N-Nitrosodiphenylamine	15.81	169	301435	20.27 ng/ul	97
65) 4-Bromophenyl-phenylether	16.49	248	132597	21.00 ng/ul	92
66) Hexachlorobenzene	16.60	284	143697	21.13 ng/ul	98
67) Atrazine	16.75	200	132272	19.71 ng/ul#	89
68) Pentachlorophenol	16.94	266	77756	17.99 ng/ul	93
69) Phenanthrene	17.34	178	594115	20.42 ng/ul	98
71) Anthracene	17.43	178	590366	19.73 ng/ul	99
72) Carbazole	17.70	167	504453	18.97 ng/ul	98
73) Di-n-butylphthalate	18.26	149	632332	20.08 ng/ul	99
74) Fluoranthene	19.36	202	704484	18.13 ng/ul	98
77) Pyrene	19.72	202	718409	22.54 ng/ul	99
78) Butylbenzylphthalate	20.60	149	261593	22.11 ng/ul	99
79) 3,3'-Dichlorobenzidine	21.39	252	233486	20.75 ng/ul#	95
80) Benzo(a)anthracene	21.46	228	681942	20.48 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.37	149	365806	22.10 ng/ul	95
82) Chrysene	21.51	228	630874	20.04 ng/ul	98
84) Di-n-octyl phthalate	22.27	149	596777	20.06 ng/ul	100
85) Benzo(b)fluoranthene	23.11	252	605017	20.37 ng/ul	99
86) Benzo(k)fluoranthene	23.16	252	593683	20.86 ng/ul	100
88) Benzo(a)pyrene	23.72	252	564351	19.88 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.23	276	586991	19.22 ng/ul	95
90) Dibenzo(a,h)anthracene	26.25	278	504282	19.35 ng/ul	99
91) Benzo(g,h,i)perylene	26.97	276	481823	19.27 ng/ul	99

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