Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060819\

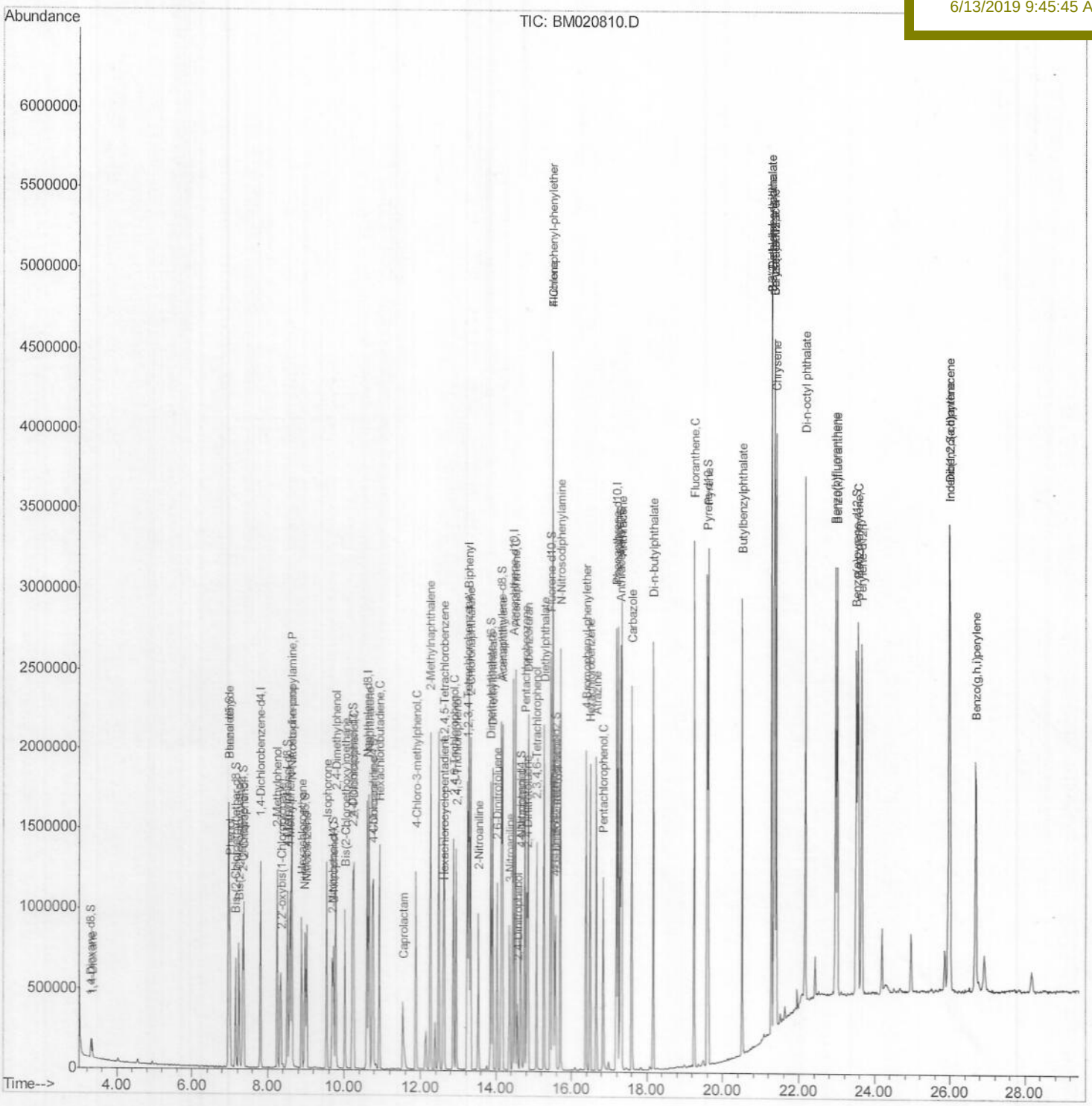
Quantitation Report (QT Reviewed)

Data File : BM020810.D
Acq On : 08 Jun 2019 10:12
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 09 01:02:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 08 00:20:16 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02022

Manual Integrations APPROVED
mohammad
6/13/2019 9:45:45 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060819\

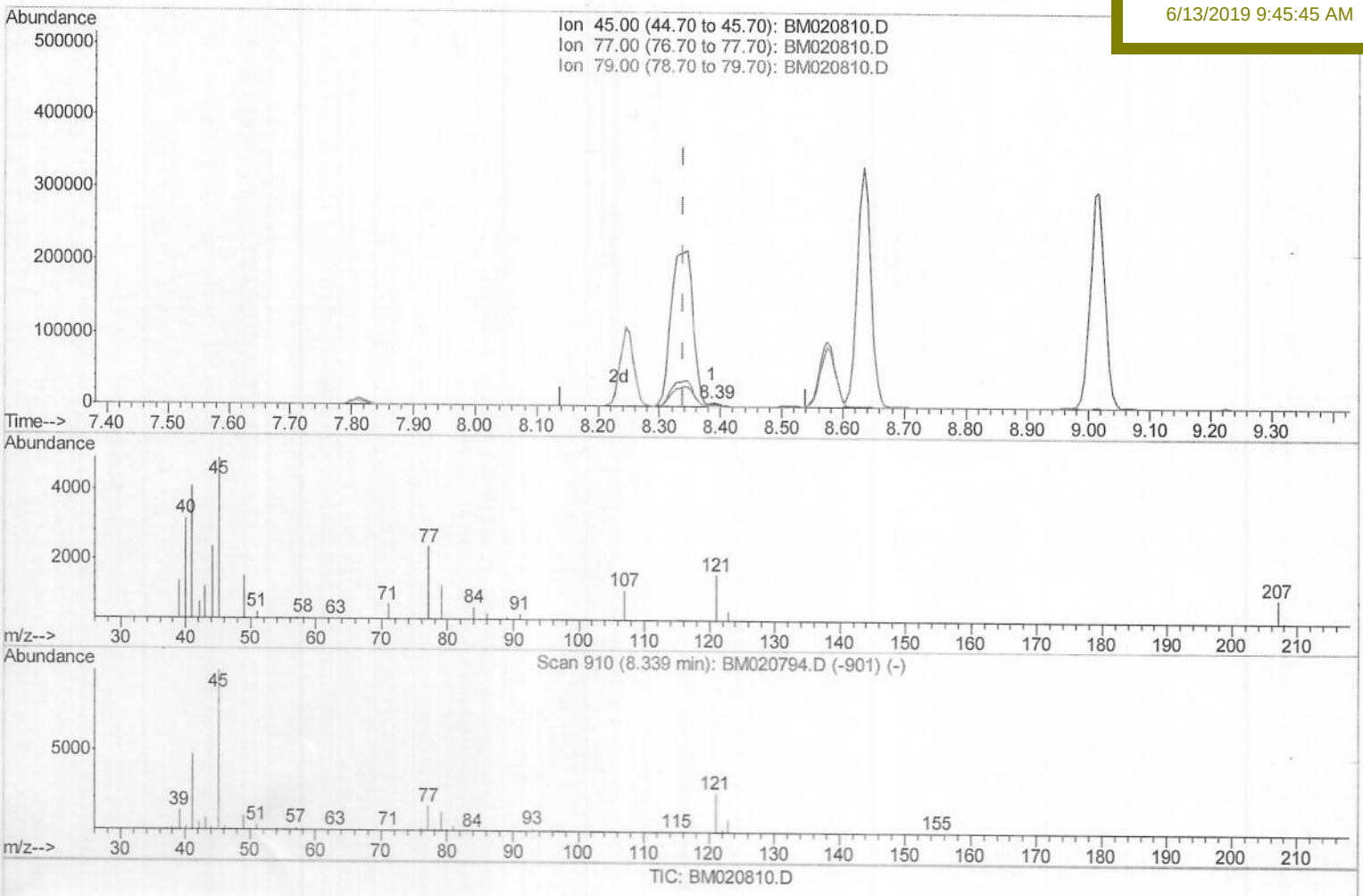
Quantitation Report (Qedit)

Data File : BM020810.D
Acq On : 08 Jun 2019 10:12
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 09 00:58:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 08 00:20:16 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02022

Manual Integrations APPROVED
mohammad
6/13/2019 9:45:45 AM



TIC: BM020810.D

(12) 2,2'-oxybis(1-Chloropropane)

8.386min (+0.047) 0.22ng/ul

response 6020

Ion	Exp%	Act%
45.00	100	100
77.00	16.20	48.49#
79.00	12.80	26.00#
0.00	0.00	0.00

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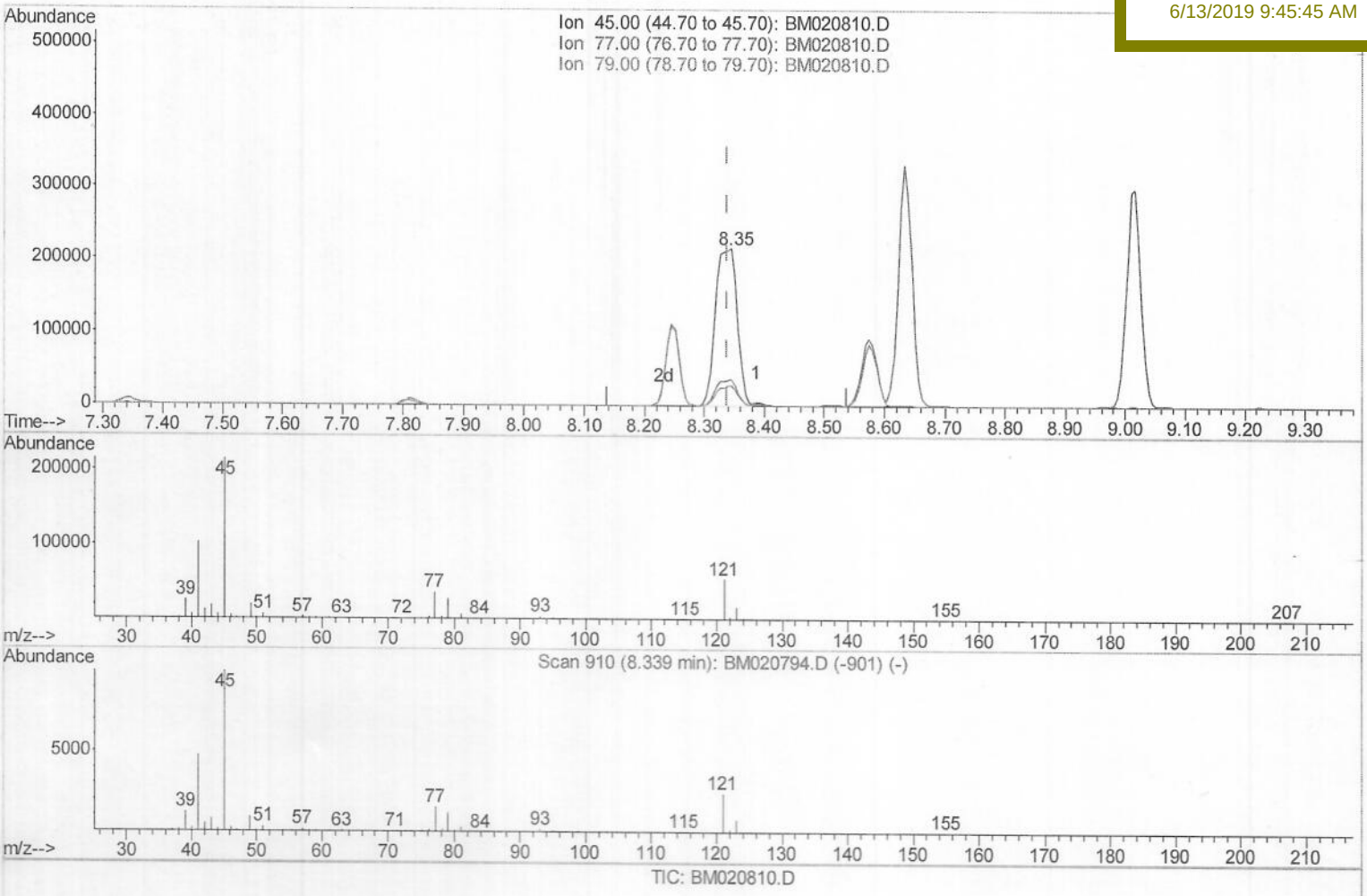
Manual Integrations APPROVED
mohammad
6/13/2019 9:45:45 AM



TIC: BM020810.D

(12) 2,2'-oxybis(1-Chloropropane)

8.345min (+0.006) 19.82ng/ul m

response 542349

JU 06/09/19

Ion	Exp%	Act%
45.00	100	100
77.00	16.20	16.85
79.00	12.80	12.61
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060819\

Quantitation Report (Qedit)

Data File : BM020810.D
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Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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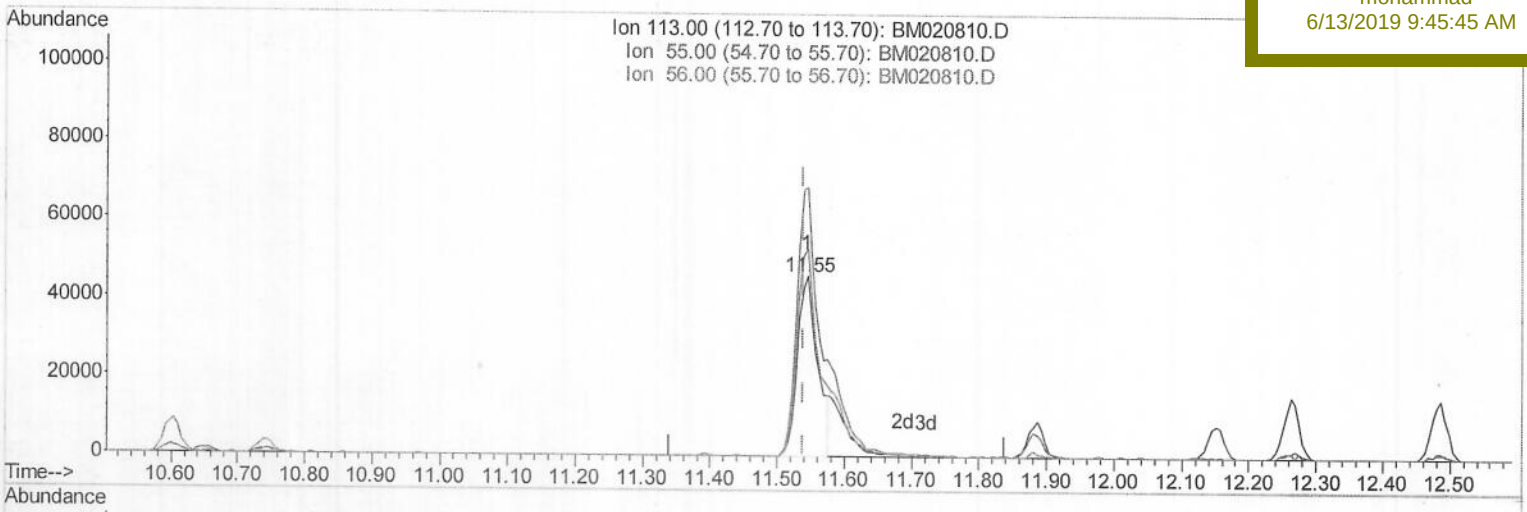
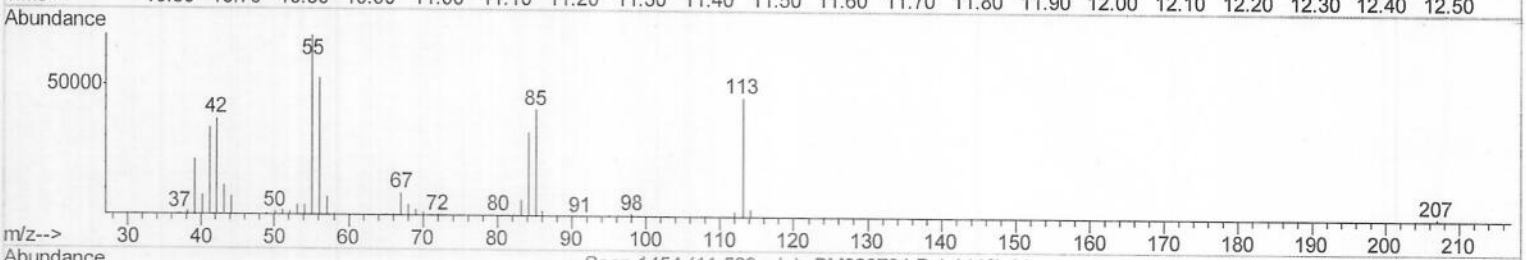
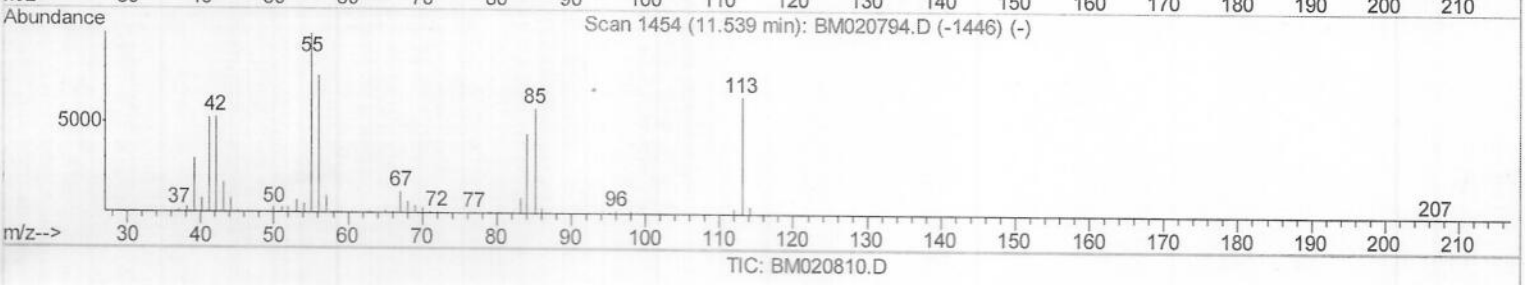
QLast Update : Sat Jun 08 00:20:16 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02022

Manual Integrations APPROVED
mohammad
6/13/2019 9:45:45 AM







TIC: BM020810.D

(32) Caprolactam

11.545min (+0.006) 16.01ng/ul

response 94932

Ion	Exp%	Act%
113.00	100	100
55.00	157.50	149.83
56.00	124.60	115.37
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060819\

Quantitation Report (Qedit)

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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 09 00:58:43 2019
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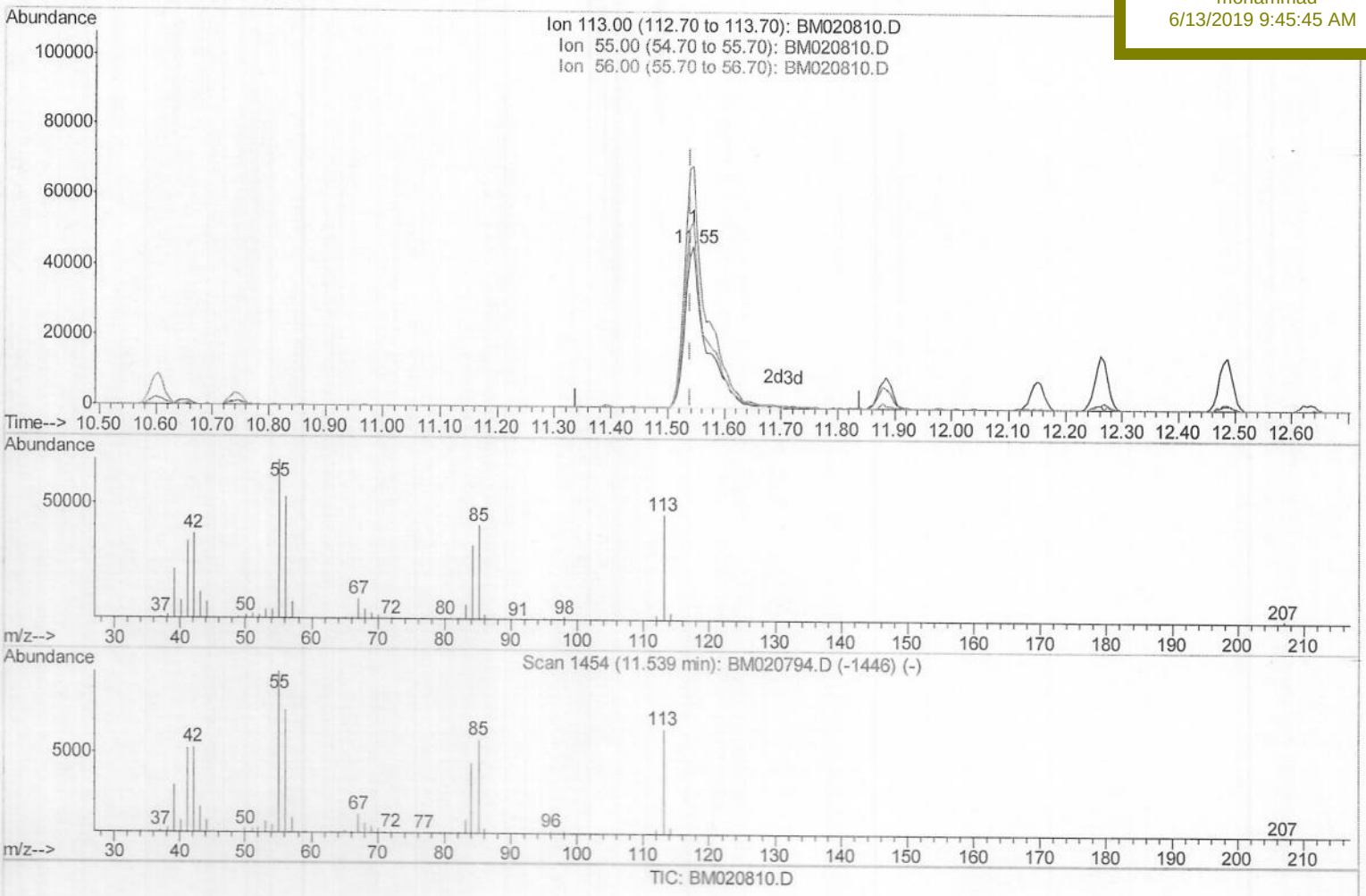
Instrument :
BNA_M
LabSampleId :
SSTD02022

Manual Integrations APPROVED
mohammad
6/13/2019 9:45:45 AM



(32) Caprolactam

11.545min (+0.006) 20.67ng/ul m JU

response 122600 06/09/19

Ion	Exp%	Act%
113.00	100	100
55.00	157.50	149.83
56.00	124.60	115.37
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060819\

Quantitation Report (QT Reviewed)

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QLast Update : Sat Jun 08 00:20:16 2019
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Instrument : BNA_M
LabSampleId : SSTD02022

Manual Integrations APPROVED
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6/13/2019 9:45:45 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	341620	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1404591	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	790462	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1621150	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1409456	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	1580890	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	54905	7.66	ng/uL	0.00
5) Phenol-d5	6.97	99	518250	19.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	316118	20.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	434876	20.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	422120	20.07	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	206322	21.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	221275	22.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	448731	21.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	522485	21.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1229874	21.03	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1561490	21.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	187716	18.71	ng/ul	0.00
57) Fluorene-d10	15.44	176	1015739	20.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	140464	16.94	ng/ul	0.00
70) Anthracene-d10	17.29	188	1484171	20.96	ng/ul	0.00
78) Pyrene-d10	19.59	212	1477259	21.68	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	1495435	20.81	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	56073	7.451	ng/uL	94
4) Benzaldehyde	6.96	77	382705	19.433	ng/ul	99
6) Phenol	7.00	94	533080	19.812	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.24	93	418744	20.058	ng/ul	98
10) 2-Chlorophenol	7.37	128	446062	20.831	ng/ul	96
11) 2-Methylphenol	8.25	108	399965	20.005	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.35	45	542349m	19.818	ng/ul	
14) Acetophenone	8.63	105	656189	20.193	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.62	70	353374	20.657	ng/ul	99
16) 4-Methylphenol	8.57	108	434177	19.856	ng/ul	99
17) Hexachloroethane	8.88	117	177886	19.756	ng/ul	99
20) Nitrobenzene	9.02	77	500934	20.755	ng/ul	98
21) Isophorone	9.53	82	930453	20.864	ng/ul	99
23) 2-Nitrophenol	9.72	139	243125	21.971	ng/ul	97
24) 2,4-Dimethylphenol	9.77	107	494473	20.789	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.02	93	570932	20.635	ng/ul	98
27) 2,4-Dichlorophenol	10.25	162	431670	21.205	ng/ul	99
28) Naphthalene	10.65	128	1369623	20.762	ng/ul	99
30) 4-Chloroaniline	10.76	127	529353	20.883	ng/ul	96
31) Hexachlorobutadiene	10.93	225	289771	21.014	ng/ul	98
32) Caprolactam	11.55	113	122600m	20.672	ng/ul	
33) 4-Chloro-3-methylphenol	11.89	107	434586	20.688	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	1003935	20.719	ng/ul	98

JU
06/09/19

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Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD02022

Manual Integrations APPROVED
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6/13/2019 9:45:45 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	541669	21.146	ng/ul	99
37) Hexachlorocyclopentadiene	12.60	237	221506	13.935	ng/ul	97
38) 2,4,6-Trichlorophenol	12.87	196	340328	22.121	ng/ul	98
39) 2,4,5-Trichlorophenol	12.94	196	360053	21.549	ng/ul	96
40) 1,1'-Biphenyl	13.28	154	1298590	21.169	ng/ul	100
41) 2-Chloronaphthalene	13.32	162	992235	21.018	ng/ul	100
42) 2-Nitroaniline	13.53	65	260710	21.267	ng/ul	98
44) Dimethylphthalate	13.91	163	1217832	20.801	ng/ul	99
45) 2,6-Dinitrotoluene	14.03	165	237361	21.614	ng/ul	98
47) Acenaphthylene	14.17	152	1501087	20.927	ng/ul	99
48) 3-Nitroaniline	14.36	138	221620	20.967	ng/ul	98
49) Acenaphthene	14.52	153	1036717	20.705	ng/ul	98
50) 2,4-Dinitrophenol	14.57	184	84846	14.414	ng/ul	97
52) 4-Nitrophenol	14.66	109	150927	18.348	ng/ul	97
53) Dibenzofuran	14.84	168	1442087	20.360	ng/ul	100
54) 2,4-Dinitrotoluene	14.82	165	329778	20.771	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.07	232	292841	20.859	ng/ul	94
56) Diethylphthalate	15.27	149	1219530	20.855	ng/ul	99
58) Fluorene	15.50	166	1153411	20.284	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.49	204	615026	20.302	ng/ul	99
60) 4-Nitroaniline	15.52	138	247943	20.656	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.58	198	150065	17.042	ng/ul	97
64) N-Nitrosodiphenylamine	15.71	169	1003719	22.020	ng/ul	99
65) 4-Bromophenyl-phenylether	16.39	248	385478	22.298	ng/ul	98
66) Hexachlorobenzene	16.50	284	418284	21.279	ng/ul	96
67) Atrazine	16.66	200	359057	21.375	ng/ul	99
68) Pentachlorophenol	16.84	266	218445	19.287	ng/ul	99
69) Phenanthrene	17.24	178	1705899	20.909	ng/ul	99
71) Anthracene	17.33	178	1751042	20.938	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.24	216	554072	23.054	ng/uL	100
73) Pentachlorobenzene	14.76	250	501200	22.143	ng/uL	99
74) Carbazole	17.60	167	1487322	20.451	ng/ul	99
75) Di-n-butylphthalate	18.16	149	1976613	21.740	ng/ul	99
76) Fluoranthene	19.25	202	1871903	20.021	ng/ul	99
79) Pyrene	19.62	202	1887270	21.692	ng/ul	99
80) Butylbenzylphthalate	20.51	149	845916	23.855	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.29	252	663358	21.234	ng/ul	99
82) Benzo(a)anthracene	21.36	228	1858942	21.143	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.29	149	1274527	21.312	ng/ul	99
84) Chrysene	21.41	228	1696551	20.795	ng/ul	98
86) Di-n-octyl phthalate	22.18	149	2166353	23.116	ng/ul	100
87) Benzo(b)fluoranthene	22.97	252	1878099	20.422	ng/ul	100
88) Benzo(k)fluoranthene	23.01	252	1760163	20.024	ng/ul	99
90) Benzo(a)pyrene	23.56	252	1772685	20.261	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.97	276	2167424	20.974	ng/ul	98
92) Dibenzo(a,h)anthracene	25.99	278	1829001	20.888	ng/ul	99
93) Benzo(g,h,i)perylene	26.69	276	1769779	21.110	ng/ul	96

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